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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 10-K (Mark One) Â â˜’ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the fiscal year ended October 31, 2024 OR Â â˜ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from ___ to ___ Commission file number 001-39063 PHOTRONICS INC (Exact name of registrant as specified in its charter) Connecticut Â 06-0854886 (State or other jurisdiction of incorporation or organization) Â (IRS Employer Identification No.) 15 Secor Road, Brookfield, ConnecticutÂ 06804 (Address of principal executive offices)(Zip Code) (203) 775-9000 (Registrantâ€™s telephone number, including area code) Securities registered pursuant to Section 12(b) of the Act: Title of each class Â Trading Symbol(s) Name of each exchange on which registered COMMON Â PLAB NASDAQ Global Select Market Securities registered pursuant to Section 12(g) of the Act: None Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes â˜ No â˜’ Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes â˜Â NoÂ â˜’ Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. YesÂ â˜’ No â˜ Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes â˜’ No â˜ Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See definition of â€œaccelerated filer,â€ â€œlarge accelerated filer,â€ â€œsmaller reporting companyâ€, and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act. (Check one): Large Accelerated Filer Accelerated Filer Non-Accelerated Filer Smaller Reporting Company Emerging Growth company â˜’ â˜ â˜ â˜ If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. â˜ Indicate by check mark whether the registrant has filed a report on and attestation to its managementâ€™s assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act ((Â§15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. â˜’ If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements. â˜ Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrantâ€™s executive officers during the relevant recovery period pursuant to Â§240.10D-1(b). â˜ Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes â˜Â No â˜’ As of April 28, 2024, which was the last business day of the registrantâ€™s most recently completed second fiscal quarter, the aggregate market value of the shares of the registrantâ€™s common stock held by non-affiliates was approximately $1,729,553,783 (based upon the closing price of $28.28 per share as reported by the NASDAQ Global Select Market on that date). As of December 12, 2024, 63,335,388 shares of the registrantâ€™s common stock were outstanding. DOCUMENTS INCORPORATED BY REFERENCE Portions of our Proxy Statement for the 2025 Annual Meeting of Shareholders to be filed with the U.S. Securities and Exchange Commission pursuant to regulation 14A under the Securities Exchange Act of 1934, as amended are incorporated by reference into Part III of this Annual Report on Form 10-K. PHOTRONICS, INC. ANNUAL REPORT ON FORM 10-K OCTOBER 31, 2024 TABLE OF CONTENTS Page Glossary of Terms and Acronyms 3 Â Â Cautionary Statement Regarding Forward-Looking Statements 4 Â Â PART I: Â Â Â ITEM 1. BUSINESS Â 5 Â Â ITEM 1A. RISK FACTORS 11 Â Â ITEM 1B. UNRESOLVED STAFF COMMENTS Â 20 Â Â ITEM 1C. CYBERSECURITY Â 20 Â Â ITEM 2. PROPERTIES 22 Â Â ITEM 3. LEGAL PROCEEDINGS 22 Â Â ITEM 4. MINE SAFETY DISCLOSURES 22 Â Â PART II: Â Â Â ITEM 5. MARKET FOR REGISTRANTâ€™S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES 23 Â ITEM 6. [RESERVED] 24 Â Â Â ITEM 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS 25 Â Â ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK 36 Â Â ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA 37 Â Â ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE 72 Â Â ITEM 9A. CONTROLS AND PROCEDURES 72 Â Â ITEM 9B. OTHER INFORMATION 74 Â Â ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS 74 Â Â PART III: Â Â Â ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE 74 Â Â ITEM 11. EXECUTIVE COMPENSATION Â 74 Â Â ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS 75 Â Â ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE 75 Â Â ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES Â 75 Â Â PART IV: Â Â Â ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES 76 Â Â ITEM 16. FORM 10-K SUMMARY 80 2 Table of Contents Glossary of Terms and Acronyms Definitions of certain terms and acronyms that may appear in this report are provided below. AMOLED Active-matrix organic light-emitting diode. A technology used in mobile devices. Application-specific IC An integrated circuit customized for a particular use, rather than intended for general-purpose use ASC Accounting Standards Codification ASP Average Selling Price ASU Accounting Standards Update CHIPS Act U.S. CHIPS and Science Act of 2022 DNP Dai Nippon Printing Co., Ltd. EUV A wafer lithography technology using the industry standard extreme ultraviolet (EUV) wavelength. EUV photomasks function by selectively reflecting or blocking light, in contrast to conventional photomasks which function by selectively transmitting or blocking light Exchange Act The Securities Exchange Act of 1934 (as amended) FASB Financial Accounting Standards Board Form 10-K Annual Report on Form 10-K Form 10-Q Quarterly Report on Form 10-Q FPDs Flat-panel displays, or â€œdisplaysâ€ Generation In reference to flat panel displays, refers to the size range of the underlying substrate to which a photomask is applied. Higher generation (or â€œGâ€) numbers represent larger substrates High-end (photomasks) For IC, photomasks that are 28nm or smaller; for FPD, AMOLED, G10.5+, and LTPS photomasks ICs Integrated circuits, or semiconductors LTPS Low-Temperature Poly Silicon, a polycrystalline silicon synthesized at relatively low temperatures; polycrystalline silicon in thin-film transistors (TFTs) are used in liquid-crystal display (LCD) flat panels and to drive organic light-emitting diode (OLED) displays Optical proximity correction A photolithography enhancement technique applied to compensate for the limitations of light to maintain the edge placement integrity of an original design, imaged onto a silicon wafer, for further processing to an etched pattern. PDMCX Xiamen American Japan Photronics Mask Co., Ltd., a joint venture of Photronics and DNP RMB Chinese renminbi ROU (assets) Right-of-use asset SEC Securities and Exchange Commission Securities Act The Securities Act of 1933 (as amended) SOC-1 report Service Organization Control 1 report U.S. GAAP Accounting principles generally accepted in the United States of America Wafer A wafer, or silicon wafer, is a thin slice of semiconductor material that, in the fabrication of microelectronics, serves as the substrate for microelectronic devices built in and upon the wafer All references to â€œ2024â€, â€œ2023â€, and â€œ2022â€ are to our fiscal years ended on October 31 of those years, unless otherwise stated. 3 Table of Contents Cautionary Statement RegardingÂ Forward-Looking Statements This Form 10-K contains forward-looking statements, as defined by the SEC. The Private Securities Litigation Reform Act of 1995 provides a â€œsafe harborâ€ for forward-looking statements made by us, or on our behalf. Forward-looking statements are statements other than statements of historical fact, including, without limitation, those statements that include such words as â€œanticipatesâ€, â€œbelievesâ€, â€œestimatesâ€, â€œexpectsâ€, â€œintendsâ€, â€œmayâ€, â€œplansâ€, â€œpredictsâ€, and similar expressions, and, without limitation, may address our future plans, objectives, goals, strategies, events, or performance, as well as underlying assumptions and other statements that are other than statements of historical facts. On occasion, in other documents filed with the SEC, press releases, conferences, or by other means, we may discuss, publish, disseminate, or otherwise make available, forward-looking statements, including statements contained within Part II, Item 7 â€“ â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operationsâ€ of this Form 10-K. Forward-looking statements involve risks and uncertainties, which could cause actual results or outcomes to differ materially from those expressed. Our expectations, beliefs and projections are expressed in good faith and are believed by us to have a reasonable basis, including, without limitation, managementâ€™s examination of historical operating trends, information contained in our records, and information weâ€™ve obtained from other parties. However, we can offer no assurance that our expectations, beliefs, or projections will be realized, accomplished or achieved. Forward-looking statements within this Form 10-K speak only as of the date of its filing, and we undertake no obligation to update any such statements to reflect changes in events or circumstances that may subsequently occur. Users of this Form 10-K are cautioned that various factors may cause actual results to differ materially from those contained in any forward-looking statements found within this Form 10-K and that they should not place undue reliance on any forward-looking statement. In addition, all forward-looking statements, whether written or oral and whether made by us or on our behalf, are expressly qualified by the risk factors provided in Part I, Item 1A â€œRisk Factorsâ€ of this Form 10-K. 4 Table of Contents PART I ITEM 1. BUSINESS Specific industry and technical terms used in this section are defined in the subsection entitled â€œGlossary of Terms and Acronyms,â€ found below the Table of Contents. Business Overview Photronics, Inc. (and its subsidiaries, collectively referred to herein as â€œPhotronicsâ€, the â€œCompanyâ€, â€œweâ€, â€œourâ€, or â€œusâ€) is one of the worldâ€™s leading manufacturers of photomasks, which are high precision photographic quartz or glass plates containing microscopic images of electronic circuits. Photomasks are a key element in the manufacture of ICs and FPDs and are used as masters to transfer circuit patterns onto semiconductor wafers and FPD substrates during the fabrication of ICs, a variety of FPDs and, to a lesser extent, other types of electrical and optical components. We have eleven manufacturing facilities, which are located in Taiwan (3), China (2), Korea (1), the United States (3), and Europe (2). Our principal executive offices are located at 15 Secor Road, Brookfield, Connecticut, 06804, telephone (203) 775-9000. Our website address is http://www.photronics.com. We make available, free of charge through our website, our Forms 10-K, Definitive Proxy Statements on Schedule 14A, Forms 10-Q, Current Reports on Form 8-K, and any amendments to these reports as soon as reasonably practicable after such materials are electronically filed with or furnished to the SEC. The information found on, or incorporated into, our website is not part of this or any other report we file with or furnish to the SEC. The SEC also maintains a website at http://www.sec.gov that contains reports, proxy statements and other information regarding SEC registrants, including Photronics. Segment Â We operate as a single reporting segment as a manufacturer of photomasks, which are high precision quartz or glass plates containing microscopic images of electronic circuits for use in the fabrication of ICâ€™s and FPDs. In accordance with ASC 280 â€“ â€œSegment Reportingâ€ Topic of the ASC, the Companyâ€™s chief operating decision maker has been identified as the Chief Executive Officer, who reviews operating results to make decisions about allocating resources and assessing performance for the entire Company. Existing guidance, which is based on a management approach to segment reporting, establishes requirements to report selected segment information quarterly and to report annually entity-wide disclosures about products and services, major customers, and the countries in which the entity holds material assets and reports revenue. All material operating units qualify for aggregation under â€œSegment Reportingâ€ due to their similar customer base and similarities in: economic characteristics; nature of products and services; and procurement, manufacturing and distribution processes. Since the Company operates in one segment, all financial information required by â€œSegment Reportingâ€ can be found in the accompanying consolidated financial statements. Industry We manufacture photomasks, which are used as masters to transfer circuit patterns onto semiconductor wafers and FPD substrates. The photomasks we manufacture incorporate circuit designs provided to us on a confidential basis by our customers. Photomasks are typically sold in sets comprised of layers, with each layer having a distinct pattern that is etched onto a different photomask. The resulting series of photomasks is then used to image the circuit patterns onto each successive layer of a semiconductor wafer or FPD substrate. The typical manufacturing process for a photomask involves the receipt and conversion of circuit design data to manufacturing pattern data. A lithography system then exposes the circuit pattern onto a photomask blank. The exposed areas are developed and etched to imprint the pattern on the photomask. The photomask is then inspected for defects and conformity to the customer's design data. After the repair of any defects, the photomask is cleaned, any required pellicles (protective translucent membranes) are applied and, after final inspection, the photomask is shipped to the customer. 5 Table of Contents â€œHigh-endâ€ photomasks support 28 nanometer and smaller design nodes for ICs and Generation 10.5+, AMOLED, and LTPS display-based process technologies for FPDs. However, 32 nanometer and above geometries for semiconductors and Generation 8 and below (excluding AMOLED and LTPS) process technologies for displays, which we refer to as â€œmainstreamâ€ photomasks, constitute the majority of designs currently being fabricated in volume. At these geometries and at various high-end nodes, we can produce full lines of photomasks. Moreover, there is no significant technology employed by our competitors that is not available to us. We expect advanced-generation designs to continue to be developed, and we believe we are well positioned to service an increasing volume of this business as a result of our ongoing investments in manufacturing processes and technology in the regions where our

customers are located. Generally, Photronics and each of its customers engage in a qualification and correlation process before we become an approved supplier. Thereafter, based on the customerâ€™s specifications, we typically negotiate pricing parameters for the customerâ€™s order. Some prices may remain in effect for an extended period of time. In many instances, we enter into sales arrangements with an understanding that, as long as our performance is competitive, we will receive a specified percentage of that customerâ€™s photomask orders. The first several layers of photomasks are sometimes required to be delivered to customers within twenty-four hours from the time we receive customer design data. Because of the short period between order and shipment dates (typically from one day to three weeks) for a significant amount of our revenue, the dollar amount of our current backlog is not a reliable indicator of future revenue. However, the demand for some IC photomasks can extend over the traditional time period; thus, for some products, our backlog can expand to as long as two to three months. Â The ability to manufacture high-quality photomasks within short time periods is dependent upon robust processes, efficient manufacturing methods, high production yield, available manufacturing capacity, and high equipment reliability. We work to meet these requirements by making significant investments in research and development, manufacturing capacity, preventive and on-going equipment maintenance programs, manufacturing and data processing systems, and by utilizing statistical process control methods to optimize our manufacturing processes and reduce cycle times. Quality control is an integral part of the photomask manufacturing process. Photomasks are manufactured in temperature, humidity, and particulate-controlled clean rooms because of the high level of precision, quality and manufacturing yield required. Each photomask is inspected several times during the manufacturing process to ensure compliance with customer specifications. We continue to make substantial investments in equipment to produce, inspect and repair photomasks to ensure that customer specifications are met. Sales and Marketing We conduct our sales and marketing activities primarily through a staff of full-time sales personnel and customer service representatives who work closely with the Companyâ€™s management and technical personnel. We support non-U.S. customers through both our domestic and foreign facilities and consider our presence in non-U.S. markets to be an important factor in attracting new customers, as it provides global solutions to our customers, minimizes delivery time, and allows us to serve customers that utilize manufacturing foundries outside of the United States, principally in Asia. See Note 10 and Note 18 to our consolidated financial statements in Part II, Item 8 of this report for the amount of revenue and long-lived assets attributable to each of our geographic areas of operations. Research and Development We primarily conduct research and development activities for IC photomasks at our Boise, Idaho, facility and, to a lesser degree, Photronics DNP Mask Corporation (â€œPDMCâ€), our joint-venture subsidiary in Taiwan. Research and development for FPD photomasks is primarily conducted at Photronics Korea, Ltd., our subsidiary in South Korea. Additionally, we conduct site-specific research and development programs to support local, strategic customer roadmaps. All of these research and development programs and activities are undertaken to advance our competitiveness in technology and manufacturing efficiency. We also conduct application-oriented research and development, including data and service technology to support the integration of photomasks into customer processes. Currently, research and development for IC photomasks are primarily focused on photomasks enabling wafer geometries of 14 nanometer node and smaller, including EUV and, for FPDs, on Generations 8 and 10 substrate size photomasks for new TV technologies, emerging opportunities for micro- and mini-LED displays, and photomask technology needed for the complex FPD photomasks required in the manufacture of advanced mobile displays, such as AMOLED. We believe these core competencies will continue to be a critical part of semiconductor and FPD manufacturing, as wafer and FPD substrate optical lithography continues to enable new high-end ICs and displays. We incurred research and development expenses of $16.6 million, $13.7 million, and $18.3 million in 2024, 2023 and 2022, respectively. It is our belief that we own, control, or license the proprietary information (including trade secrets and patents) that we need to continue to meet our customersâ€™ requirements. Accordingly, we devote a significant portion of our human and financial resources to R&D programs and seek to maintain close relationships with customers to remain responsive to their needs. We also believe that our intellectual property and trade secret know-how will continue to be important to maintaining our technical leadership and competitive position in the field of photomasks. 6 Table of Contents Markets The customers for photomasks are primarily semiconductor and FPD manufacturers and to a lesser degree fabless design and equipment companies serving those industries.Â The size of the photomask market is driven by the number of designs released to support IC and FPD product introductions and manufacturing expansions.Â The photomasks required for those designs are manufactured by independent merchant manufacturers like Photronics and by semiconductor and FPD manufacturers that produce photomasks for their own use (captive manufacturers). In rare instances, captive manufacturers also sell to other semiconductor or FPD manufacturers. The production value of photomasks produced by merchant suppliers has transitioned from a period when there was a trend toward the divesture or closing of captive photomask operations by semiconductor manufacturers, and to an increase in the share of the market served by independent merchant manufacturers, like Photronics. This trend was driven by the increased complexity and cost of capital equipment used in manufacturing photomasks, and the lack of economy of scale for many semiconductor and FPD manufacturers to effectively utilize the equipment. That period was followed by a period during which, in order to reach certain roadmap milestones, some captive mask facilities invested at faster rates than independent manufacturers, and the revenue share of market transitioned back to photomasks being majority captive-supplied.Â More recently, there has been a tendency of more production being directed to the independent merchant manufacturers, with market share moving toward the independents. Nevertheless, most captive manufacturers maintain business and technology relationships with independent photomask manufacturers for ongoing support. We support customers across the full spectrum of IC and FPD production by manufacturing photomasks using electron beam or optical (laser-based) lithography systems. For IC photomasks, the predominant writing technology used for advanced photomasks with fine-scale resolution requirements is electron beam writing systems, while FPD mask fabrication utilizes optical writing systems. These systems are capable of producing the most advanced semiconductor and display photomasks for use in an array of products. End markets served with IC photomasks include devices used for artificial intelligence, cloud computing, microprocessors, memory, telecommunications, internet connected devices, automotive, industrial and other applications. We own a number of both high-end and mature electron beam and laser-based lithography systems. We sell our products primarily to leading semiconductor and FPD designers and manufacturers. These include integrated device manufacturers, fabless semiconductor companies, and â€œpure-playâ€ foundries. During 2024, we sold our products to approximately 675 customers. Revenue from United Microelectronics Corp. Co., Ltd. accounted for approximately 15%, 14% and 15% of our total revenues in 2024, 2023 and 2022, respectively, and revenue from Samsung Electronics Co., Ltd. accounted for approximately 12%, 10% and 11% of our total revenues in those respective years. In addition, revenue from Semiconductor Manufacturing International Corporation accounted for approximately 9%, 13% and 5% of our total revenues in 2024, 2023 and 2022, respectively. Our five largest customers, in the aggregate, accounted for approximately 50%, 51% and 45% of our revenue in 2024, 2023 and 2022, respectively. A significant decrease in the amount of revenue from any of these customers could have a material adverse effect on our financial performance and business prospects. Competition The photomask industry is highly competitive, and most of our customers utilize multiple photomask suppliers. Our ability to compete depends primarily upon the consistency of our product quality, timeliness of delivery, competitive pricing, technical capability, and service, which we believe are the principal factors considered by customers in selecting their photomask suppliers. An inability to meet these requirements could adversely affect our financial condition, results of operations, and cash flows. We also believe that geographic proximity to customers is an important factor in certain markets where cycle time from order to delivery is critical. While some of our competitors may have greater financial, sales, marketing, or other resources than Photronics, we believe that we are able to compete effectively because of our dedication to customer service, ongoing investments in state-of-the-art photomask equipment and facilities, and experienced technical employees. 7 Table of Contents Using market data from research firm Tech Insights, the total market for IC photomasks is approximately 7.8B USD (2023) and, based on internal estimates, the total market for FPD masks is approximately 930M USD (2023).Â Â Our competitors include Compugraphics International, Ltd., Dai Nippon Printing Co., Ltd (outside of Taiwan and China), Hoya Corporation, LG Innotek Co., Ltd., Shenzhen Newway Photomask Making Co., Ltd., Shenzhen Qingyi Photomask, Ltd., SK-Electronics Co., Ltd., Taiwan Mask Corporation, and Toppan Electronics Products Co., Ltd. We also compete with semiconductor and FPD manufacturers' captive photomask manufacturing operations that supply photomasks for internal use and, in some instances, also for external customers and foundries. We expect to face continued competition which, in the past, has led to pressure to reduce prices. We believe the pressure to reduce prices, together with the significant investment required in capital equipment to manufacture high-end photomasks will continue in the future. International Operations Revenues from our non-U.S. operationsÂ were approximately 83%, 86% and 85% of our total revenues in 2024, 2023 and 2022, respectively. We believe that our ability to serve non-U.S. markets is enhanced by our having, among other things, a local presence in the markets we serve. This requires significant investments in financial, managerial, operational, and other resources. Sales and operations outside of the United States are subject to inherent risks, and may be adversely affected by fluctuations in currency exchange rates, the imposition of government controls, political and economic conditions in various countries, legal compliance and regulatory requirements, tariffs and other trade barriers, difficulties with staffing and managing international operations, longer accounts receivable collection cycles, potential restrictions on transfers of funds, and potentially adverse tax consequences. These factors may have a material adverse effect on our ability to generate revenue outside of the United States and may require us to deploy resources where they could otherwise be used to their greatest advantage. Notes 10 â€“ Revenue and Note 18 â€“ Risks and Concentrations of our consolidated financial statements, in Part II, Item 8 of this report, respectively, present our revenue and long-lived assets by geographic area. These factors, as well as any of the other risk factors related to our international business and operations that are described in Item 1A â€œRisk Factors,â€ could have a material adverse effect on our future business and financial results. Resources Raw materials used by Photronics generally include: high precision quartz substrates (including large area substrates for FPD), which are used as photomask starting blanks and are primarily obtained from Japanese and Korean suppliers; pellicles and electronic grade chemicals, which are used in the manufacturing process; and compacts, which are durable plastic containers in which photomasks are shipped. These materials are generally sourced from several suppliers. We believe that our utilization of a select group of strategic suppliers enables us to access the most technologically advanced materials available. On an ongoing basis, we continue to consider additional supply sources. We typically enter into annual pricing agreements with our suppliers, some of which include volume-based incentives that have resulted in substantial cost savings; these agreements do not require us to purchase minimum dollar amounts or quantities of their subject materials. We rely on a limited number of equipment suppliers to develop and provide the equipment used in the photomask manufacturing process. Although, historically, we have been able to obtain equipment on a timely basis, an inability to obtain or repair equipment when required could have a material adverse effect on our business and results of operations. Intellectual Property Rights We have developed and hold ownership interests in intellectual property (â€œIPâ€) rights, in the forms of patents issued in the U.S., and other trademark and trademark registrations in the U.S. and other countries. Patents in which we hold ownership interests generally relate to the manufacture of photomasks or the use of photomasks to manufacture other products. While we believe that our IP rights are, and will continue to be, important to our technical leadership in the field of photomasks, our operations are not dependent on any one individual IP right. In addition to patenting, when practicable, we further protect our IP rights, and our other proprietary processes and trade secrets, by utilizing non-disclosure agreements with employees, customers, and vendors. 8 Table of Contents Seasonality Our business is typically impacted during the first quarter of our fiscal year by the North American, European, and Asian holiday periods, as some customers reduce their development and buying activities during those periods. Government Contracts We are party to a limited number of fixed-price contracts with the U.S. government. Revenues earned from these contracts do not comprise a significant portion of our total revenue. Government Regulation We are subject to government regulations within the U.S. and in other countries in which we produce or market our products. The effects of compliance with these regulations are currently not material to our results of operations, capital expenditures, or competitive position. However, compliance with changes to existing or new regulations may have a material adverse effect on our future results of operations, capital expenditures, or competitive position. We discuss the potential impact of our not adhering to a number of these regulations in Item 1A. â€œRisk Factorsâ€, of this Form 10-K. The following is a list of major subjects of the regulations that pertain to our business: â€¢ Regulations, such as those under the Foreign Corrupt Practices Act that prohibit providing remuneration to government officials for the purpose of obtaining or securing business in the jurisdictions in which they serve; â€¢ Regulations that require the minimization and proper disposal of the by-products of our manufacturing processes; â€¢ Regulations that require us to provide a safe working environment for our employees; Â â€¢ Regulations that restrict our ability to transfer assets between operations not within the same legal jurisdiction; â€¢ Regulations that require us to provide information through the submission of government surveys; â€¢ Regulations that require us to maintain an effective system of internal accounting controls; â€¢ Regulations that prohibit us from engaging in business in specified countries, or with specified customers; â€¢ Regulations that require us to protect the personal information of our customers and employees; â€¢ Regulations that require us to accurately determine our liabilities to taxing authorities, and to settle such liabilities within their statutorily prescribed time periods; â€¢ Regulations that require us to withhold and timely remit taxes on our employeesâ€™ compensation to government authorities; â€¢ Regulations that require us to contribute to government-sponsored social insurance plans; â€¢ Regulations that require us to contribute to employee severance plans; 9 Table of Contents â€¢ Regulations that prohibit us from disseminating material nonpublic information prior to the public announcement of such information; Â â€¢ Regulations pertaining to financial reporting, insider transactions, executive compensation, and other areas overseen by the SEC and governing bodies in other countries in which our operations are located. Human Capital As of October 31, 2024, we had approximately 1,878 full-time and part-time employees worldwide. Our business results depend in part on our ability to successfully manage our human capital resources, including attracting, identifying, and retaining key talent. Factors that may affect our ability to attract and retain qualified employees include employee morale, our reputation, competition from other employers, and availability of qualified individuals. As of October 31, 2024, none of our employees at any of our worldwide facilities was represented by a union. We consider our employee relations to be good. We believe our commitment to our diverse human capital resources is an important component of our mission to deliver superior photomasks and customer care. We provide all employees with the opportunity to share their opinions in open dialogues with our human resources department and senior management. We provide all employees a wide range of career development opportunities, both formal and informal. Our formal offerings include tuition reimbursement, leadership development experiences and vocational training. The safety of our employees is a paramount value for us. We provide mandatory safety trainings in our production facilities, which are designed to focus on empowering our employees with the knowledge and tools they need to make safe choices and to minimize risks. Supervisors complete safety management courses as well. The health and wellness of our employees are critical to our success. We provide our employees with access to a variety of innovative, flexible and convenient health and wellness programs. Such programs are designed to support employeesâ€™ physical and mental health by providing tools and resources to help them improve or maintain their health status and encourage engagement in healthy behaviors. Additionally, we provide robust compensation and benefits. In addition to salaries, these programs, which vary by country/region, can include annual bonuses, stock-based compensation awards, a 401(k) plan with employee matching opportunities, healthcare and insurance benefits, health savings and flexible spending accounts, paid time off, family leave, family care resources, employee assistance programs, and tuition assistance. 10 Table of Contents ITEM 1A. RISK FACTORS Â Â Â Â Â Â Â Â Â Â Set forth below are discussions of the risk factors we believe can make an investment in our business speculative or risky. Concentration Related Risk Factors Our dependency on the microelectronics industry, which as a whole is volatile, could create volatility in our demand and have a negative material impact on our business. We sell substantially all of our photomasks to semiconductor or FPD designers, manufacturers and foundries, or to other high-performance electronics manufacturers. We believe that the demand for photomasks depends primarily on design activity rather than sales volume from products using photomask technologies. Consequently, an increase in semiconductor or FPD sales does not necessarily result in a corresponding increase in photomask sales. In addition, the reduced use of application-specific ICs, reductions in design complexities, other changes in the technology or methods of manufacturing or designing semiconductors or FPDs, or a slowdown in the introduction of new semiconductor or FPD designs could reduce demand for photomasks â€’ even if the demand for semiconductors and FPDs increases. Historically, the microelectronics industry has been volatile, with sharp periodic downturns and slowdowns. These negative trends have been characterized by, among other things, diminished product demand, excess production capacity, and accelerated erosion of selling prices with a concomitant effect on revenue and profitability. We depend on a limited number of suppliers for equipment and raw materials and, if those suppliers fail to timely deliver their products to us, we may be unable to fulfill orders from our customers, which could adversely affect our business and results of operations. We rely on a limited number of photomask equipment manufacturers to develop, supply, and repair the equipment we use. These equipment manufacturers usually require lead times of twelve months or longer between the order date and the delivery of certain photomask imaging and inspection equipment. The failure of our suppliers to develop, deliver or service such equipment on a timely basis due to internal issues, supply chain constraints or government-imposed restrictions could have a material adverse effect on our business and results of operations. In addition, the manufacturing equipment necessary to produce advanced photomasks could become prohibitively expensive, which could similarly affect us. We use high-precision

quartz photomask blanks, pellicles, and electronic grade chemicals in our manufacturing processes. There are a limited number of suppliers of these raw materials, and we do not have long-term contracts with these suppliers. Any delays or quality problems in connection with significant raw materials, particularly photomask blanks, could cause delays in the shipments of photomasks, which could have a material adverse effect on our business and results of operations. The fluctuation of foreign currency exchange rates, with respect to prices of equipment and raw materials used in manufacturing, could also have a material adverse effect on our business and results of operations. We have been dependent on sales to a limited number of large customers; the loss of any of these customers or a significant reduction in orders from these customers could have a material adverse effect on our revenues and results of operations. Historically, we have sold a significant proportion of photomasks to a limited number of IC and FPD manufacturers. During 2024, 2023 and 2022, our two largest customers accounted for an aggregate of 27%, 27% and 25%, respectively, of our revenue. Our five largest customers accounted for an aggregate of 50%, 51% and 45% of our revenue in 2024, 2023 and 2022, respectively. The loss of a significant customer, a significant reduction or delay in orders from any significant customer (including reductions or delays due to customer departures from recent buying patterns), or an unfavorable change in competitive conditions in the semiconductor or FPD industries could have a material adverse effect on our financial performance and business prospects. The consolidation of semiconductor manufacturers, or an economic downturn in the semiconductor industry, may increase the likelihood of losing a significant customer and could also have an adverse effect on our financial performance and business prospects. 11 Table of Contents Financing Related Risk Factors Our cash flows from operations and current holdings of cash may not be adequate for our current and long-term needs. Our liquidity, as we operate in a high fixed-cost environment, is highly dependent on our revenue volume and the timing of our capital expenditures, which can vary significantly from period to period. Depending on conditions in the semiconductor and FPD markets, our cash flows from operations and current holdings of cash may not be adequate to meet our current and long-term needs for capital expenditures, operations, and debt repayments. Historically, in certain years, we have used external financing to fund these needs. Due to conditions in the credit market, some financing instruments used by us in the past may not be available. Therefore, we cannot provide assurance that additional sources of financing would be available to us on commercially favorable terms, if at all, should our cash requirements exceed our existing cash, and operating cash flows. Our operations will continue to require substantial capital expenditures, for which we may be unable to provide or obtain funding. The manufacture of leading-edge photomasks requires us to make substantial investments in additional manufacturing capability. We expect that we will be required to continue to make substantial capital expenditures to meet customer requirements and to position us for future growth. Our capital expenditure payments for fiscal 2025 are expected to be approximately $200 million, of which approximately $6.7 million was included in Accounts payable and Accrued liabilities on our October 31, 2024 consolidated balance sheet. We cannot provide assurance that we will be able to obtain the additional capital required to fund our operations or capital expenditures on reasonable terms, if at all, or that any such inability will not have a material adverse effect on our business and results of operations. Industry and Competitive Related Risk Factors Our business depends on managerial and technical personnel, who are in great demand, and our inability to attract and retain qualified employees could adversely affect our business and results of operations. Our success depends, in part, upon key managerial and technical personnel, as well as our ability to continue to attract and retain additional qualified personnel. The loss of certain key personnel (for example, our chief executive officer, chief financial officer, and chief technology officer) could have a material adverse effect on our business and results of operations. We cannot offer assurance that we can retain our key managerial and technical employees, or that we can attract similar additional employees in the future. The photomask industry is dependent on the semiconductor and display industries, which are subject to rapid technological change and fluctuations in capacity needs. Consequently, we might fail to adequately time our capabilities to market needs, which could have a material adverse effect on our business and results of operations. Â Â Â Â Â Â The photomask industry has been, and we expect it to continue to be, characterized by technological change and evolving industry requirements, which recent supply chain regionalization efforts have accelerated. In order to remain competitive, we will be required to continually anticipate, respond to, and scale technologies of increasing complexity in both the traditional and emerging markets that we serve. In particular, we believe that, as semiconductor geometries continue to become smaller and FPDs become larger or otherwise more advanced, we will be required to manufacture photomasks of increasingly challenging complexity. Moreover, the demand for photomasks in non-leading-edge nodes may increase beyond our ability to meet our customersâ€™ requirements within adequate response times. Additionally, the demand for photomasks has been, and could in the future be, adversely affected by changes in semiconductor and high-performance electronics fabrication methods that affect the type or quantity of photomasks utilized, such as changes in semiconductor demand that favor field-programmable gate arrays and other semiconductor designs that replace application-specific ICs, or the use of certain chip-stacking methodologies that lessen the emphasis on conventional lithography technology. Furthermore, evidence of the viability and the corresponding market acceptance of alternative methods of transferring IC designs onto semiconductor wafers could reduce or eliminate the need for photomasks in the production of semiconductors. As of the end of 2024, one alternative method, direct-write lithography, has not been proven to be a commercially viable alternative to photomasks, as it is considered to be too slow for high-volume semiconductor wafer production. However, should direct-write or any other alternative method of transferring IC or FPD designs without the use of photomasks achieve market acceptance, and if we are unable to anticipate, respond to, or utilize these or other technological changes, due to resource, technological, or other constraints, our business and results of operations could be materially adversely affected. 12 Table of Contents The risk of loss of our intellectual property, trade secrets, or other sensitive business or customer confidential information or disruption of operations due to cyberattacks or data breaches could negatively impact our financial results. Cyberattacks or data breaches could compromise confidential, business-critical information, cause disruptions in our operations, expose us to potential litigation, or harm our reputation. We have important assets, including intellectual property, trade secrets, and other sensitive, business-critical and/or confidential information which may be vulnerable to such incidents. While we have a comprehensive cybersecurity program that is continually reviewed, maintained, and upgraded, we cannot assure that we are invulnerable to cyberattacks and data breaches which, if significant, could negatively impact our business and financial results. We may be unable to enforce or defend our ownership and use of proprietary technology, and the utilization of unprotected Company developed technology by our competitors could adversely affect our business, results of operations, and financial position. We believe that the success of our business depends more on proprietary technology, information and processes, and know-how than on our patents or trademarks. Much of our proprietary information and technology related to manufacturing processes is not patented and may not be patentable. We cannot offer assurance that: â€¢ we will be able to adequately protect our technology; â€¢ competitors will not independently develop similar technology; â€¢ international intellectual property laws will adequately protect our intellectual property rights. We may become the subject of infringement claims or legal proceedings by third parties with respect to current or future products or processes. Any such claims, with or without merit, or litigation to enforce or protect our intellectual property rights that require us to defend against claimed infringements of the rights of others, could result in substantial costs, diversion of resources, and product shipment delays or could force us to enter into royalty or license agreements, rather than dispute the merits of these claims. Any of the foregoing could have a material adverse effect on our business, results of operations, and financial position. We operate in a highly competitive environment, and, should we be unable to meet our customersâ€™ requirements for product quality, timeliness of delivery or technical capabilities, our revenue could be adversely affected. The photomask industry is highly competitive, and most of our customers utilize more than one photomask supplier. Our competitors include Compugraphics International, Ltd., Dai Nippon Printing Co., Ltd (outside of Taiwan and China), Hoya Corporation, LG Innotek Co., Ltd., Shenzhen Newway Photomask Making Co., Ltd., Shenzhen Qingyi Photomask, Ltd., SK-Electronics Co. Ltd., Taiwan Mask Corporation, and Toppan Electronics Products Co., Ltd. We also compete with semiconductor and FPD manufacturersâ€™ captive photomask manufacturing operations, some of which market their photomask manufacturing services to outside customers. We expect to face continued competition from these and other suppliers in the future. Some of our competitors have substantially greater financial, sales, marketing, or other resources than we do. Also, when producing smaller geometry photomasks, some of our competitors may be able to more rapidly develop and produce such masks and achieve higher manufacturing yields than we can. We believe that consistency of product quality, timeliness of delivery, competitive pricing, technical capability and service are the principal factors considered by customers when selecting their photomask suppliers. Our inability to meet these competitive requirements could have a material adverse effect on our business and results of operations. In the past, competition has led to pressure to reduce prices and the need to invest in advanced manufacturing technology, which we believe contributed to the decrease in the number of independent photomask suppliers, several years ago. These pressures may worsen in the future, causing further consolidation. 13 Table of Contents Investment Related Risk Factors Joint ventures may not operate according to their business plans if our partners fail to fulfill their obligations, which may adversely affect our results of operations and compel us to dedicate additional resources to these joint ventures. The nature of a joint venture requires us to share control in certain areas with unaffiliated third parties and it is always possible that the alignment that brought us and our joint venture partner together may change over time, whether due to change in business strategy, change in control, change in market conditions or applicable laws, or other events. Differing views among joint venture participants may result in delayed decisions or failures to agree on major issues. If our joint venture partner does not fulfill its obligations or that alignment changes, the affected joint venture may not be able to operate in accordance with its business plan or the parties may seek to exit the joint venture under the terms of the joint venture agreement or otherwise. Under such a scenario, among other possible consequences, our results of operations may be adversely affected, we may be compelled to increase the level of our resources devoted to the joint venture or our company-wide business plan may need to be adjusted. If such differences caused a joint venture to deviate from its business plan, or put, change of control or other exit or termination provisions are triggered, our results of operations could be materially adversely affected. Our operations in China expose us to substantial risks. In 2019, we commenced operations at our two manufacturing facilities in China. These investments are subject to substantial risks which may include, but are not limited to: the inability to protect our intellectual property rights under Chinese law, which may not offer as high a level of protection as U.S. law; unexpectedly long negotiation periods with Chinese suppliers and customers; quality issues related to materials sourced from local vendors; limited access to electricity; unexpectedly high labor costs due to a tight labor supply; and difficulty in repatriating funds and selling or transferring assets. Our investments in China also exposed us to a significant additional foreign currency exchange risk, which we had not been subject to in prior years. In addition, as tensions have, from time to time, escalated between the U.S. and China, we believe there is an enhanced risk that our substantial investments in China may be subject to unforeseen or additional restrictions, which may include expropriation of our investments by the Chinese government or restrictions imposed on our operations by the U.S. or other countries. These and other risks may result in our not realizing a return on, or losing some, or all, of our investments in China, which would have a material adverse effect on our financial condition and financial performance. We may incur unforeseen charges related to possible future facility closures, restructurings, or forfeitures. We cannot provide assurance that there will not be facility closures, restructurings, or forfeitures in the near or long term, nor can we assure that we will not incur significant charges should there be any future facility closures, restructurings, or forfeitures. We may not be able to consummate future acquisitions or joint ventures or integrate acquisitions into our business, which could result in unanticipated expenses and losses. As part of our business growth strategy, we have acquired businesses and entered into joint ventures in the past, and we may pursue acquisitions and joint venture opportunities in the future. Our future efforts to grow the Company may include expanding into new or related markets or industries. Our ability to implement this component of our growth strategy may be limited by both our ability to identify appropriate acquisition or joint venture candidates and our financial resources, including our available cash and borrowing capacity. The expense incurred in consummating acquisitions or entering into joint ventures, the time it takes to integrate an acquisition, or our failure to integrate businesses successfully, could result in unanticipated expenses and losses. Furthermore, we may not be able to realize any of the anticipated benefits from acquisitions or joint ventures. 14 Table of Contents The process of integrating acquired operations into our existing operations may result in unforeseen operating difficulties, and may require significant financial resources that would otherwise be available for the ongoing development or expansion of existing operations. Some of the risks associated with the integration of acquisitions include: potential disruption of our ongoing business; distraction of management; unforeseen claims and liabilities, including unexpected environmental exposures; unforeseen adjustments, taxes, charges and write-offs; problems enforcing the indemnification obligations of sellers of businesses or joint venture partners for claims and liabilities; unexpected losses of customers of, or suppliers to, the acquired business; difficulty in conforming the acquired businessâ€™ standards, processes, procedures and controls with our operations; variability in financial performance arising from the implementation of acquisition accounting; inability to coordinate new product and process development; loss of senior managers and other critical personnel; problems with new labor unions; and challenges arising from the increased scope, geographic diversity, and complexity of our operations. Operations Related Risk Factors Our quarterly operating results fluctuate significantly and may continue to do so in the future. We have experienced fluctuations in our quarterly operating results, and we anticipate that such fluctuations will continue and could intensify in the future. Fluctuations in operating results may result in volatility in the prices of our common stock and financial instruments that could be linked to its value. Operating results may fluctuate as a result of many factors, including the size and timing of orders and shipments, the loss of significant customers, changes in product mix, the flow of customer design releases, technological change, fluctuations in manufacturing yields, the actions of our competitors, and general economic conditions. We operate in a high fixed-cost environment and, should our revenues and asset utilization decrease, our operating margins could be negatively impacted. Our customers generally order photomasks on an as-needed basis; thus, our revenue in any quarter is dependent primarily on orders received during that quarter. Since we operate with little backlog, and the rate of new orders may vary significantly from quarter to quarter, our capital expenditures and consequential expense levels are, to some extent, based primarily on sales forecasts and technological advancements in photomask manufacturing equipment. Consequently, if anticipated revenues in any quarter do not occur when expected, our capital investments could result in underutilized capacity and disproportionately high expense levels, causing operating results to be adversely affected. Due to the foregoing factors, we believe that quarter to quarter comparisons of our operating results cannot be relied upon as indicators of future performance. In addition, in future quarters, our operating results could be below guidance we may provide or the expectations of public market analysts and investors, which could have a material adverse effect on the market price of our common stock. Our substantial non-U.S. operations are subject to additional risks. RevenuesÂ from our non-U.S. operationsÂ were approximately 83%, 86% and 85% of our total revenues in 2024, 2023 and 2022, respectively. We believe that maintaining significant international operations requires us to have, among other things, a local presence in the geographic markets that we supply. This requires significant investments in financial, managerial, operational, and other resources. Since 1996, we have significantly expanded our operations in international markets by acquiring existing businesses in Europe and Asia, and building manufacturing facilities in Taiwan and China. In order to enable us to optimize our investments and other resources, we closely monitor the semiconductor and FPD manufacturing markets for indications of geographic movement and, in conjunction with these efforts, continue to assess the locations of our manufacturing facilities. These assessments could result in the opening of additional facilities or closing of our current facilities. Operations outside of the United States are subject to inherent risks, including: fluctuations in currency exchange rates; unstable political and economic conditions in various countries; changes in economic alliances; unexpected changes in regulatory requirements including import and export regulations; compliance with a variety of burdensome foreign laws and regulations; compliance with anti-bribery and anti-corruption laws (such as the Foreign Corrupt Practices Act); tariffs and other trade barriers; difficulties in staffing and managing international operations; and longer accounts receivable collection cycles. In addition: foreign countries may enact other restrictions on foreign trade or investment, including: currency exchange controls; trade sanctions which result in our losing access to customers and suppliers; legislation which renders agreements to be difficult to enforce; impositions on the movement of funds or other assets; or we may be subject to adverse tax consequences. These factors may have a material adverse effect on our costs or our ability to generate revenues outside of the United States and, consequently, on our business and results of operations. 15 Table of Contents We could be subject to damages based on claims brought against us by our customers, or lose customers as a result of the failure of our products to meet certain quality specifications. Our products provide important performance attributes for our customersâ€™ products. If a product fails to perform in a manner consistent with quality specifications, or has a shorter useful life than warrantied, a customer could seek replacement of the product or damages for costs incurred as a result of the product failing to perform, particularly if such products are sold under agreements that contain limited performance and life cycle warranties. Our customers often require us to guarantee that our products conform to certain product specifications that they provide. Any failure to comply with such specifications could result in claims or legal action. A successful claim, or series of claims, against us could have a material adverse effect on our financial condition and results of operations and could result in a loss of one or more customers. We face risks associated with the use of sophisticated equipment and complex manufacturing processes and technologies. Our inability to effectively utilize such equipmentÂ and technologies and perform such processes could have a material adverse effect on our business and results of

operations. Our complex manufacturing processes require the use of expensive and technologically sophisticated equipment and materials, and are continually modified in an effort to improve manufacturing yields and product quality. Minute impurities, defects, or other difficulties in the manufacturing process can lower manufacturing yields and render products unmarketable. Moreover, the manufacture of leading-edge photomasks is more complex and time consuming than manufacturing less advanced photomasks, and their fabrication may result in delays in the manufacture of all levels of photomasks. We have, on occasion, experienced manufacturing difficulties and capacity limitations that have delayed our ability to deliver products within the time frames contracted for by our customers. We cannot provide assurance that we will not experience these or other manufacturing difficulties, or be subject to increased costs, which could result in a loss of customers or otherwise have a material adverse effect on our business and results of operations. We have a high level of fixed costs. Because of the capital-intensive nature of the photomask manufacturing business, we have a high level of fixed costs and a high degree of operating leverage. Accordingly, should our sales volumes decline as a result of a decrease in design releases from our customers or for any other reason, we may have excess or underutilized production capacity which could significantly impact our operating margins or result in write-offs from asset impairments. Regulatory Related Risk Factors Additional taxes could adversely affect our financial results. Our tax filings are subject to audits by tax authorities in the various jurisdictions in which we do business. These audits may result in assessments of additional taxes that are subsequently resolved with the taxing authorities or through the courts. Currently, we believe there are no outstanding assessments whose resolution would result in a material adverse financial result. However, we cannot offer assurances that unasserted or potential future assessments would not have a material adverse effect on our financial condition or results of operations. Our products and technology could be subject to U.S. export control laws and/or the export control laws of the foreign jurisdictions where we operate. We are subject to various laws relating to the export of products we manufacture, and the technology related thereto, and our failure to comply with these laws could subject us to substantial fines, penalties, and even injunctions, the imposition of which could have a material adverse effect on the success of our business. Certain of our products are or could be subject to the Export Administration Regulations (â€œEARâ€) if they areÂ Â manufactured in the U.S., or based on U.S. technology, or contain more than a de minimis amount of controlled U.S. content. The EAR could prohibit the export of certain products out of the US or could prohibit our foreign sites from manufacturing or delivering photomasks to certain restricted entities. Additionally, the Company has a large, global business with sales outside the U.S. representing a majority of the Companyâ€™s total net sales, and the Company believes that it generally benefits from growth in international trade.Â However, trade policies and disputes and other international conflicts can result in tariffs, sanctions and other measures that restrict international trade, and can materially adversely affect the Companyâ€™s business, particularly if these measures occur in regions where the Company derives a significant portion of its revenues. 16 Table of Contents Based on the complex relationships between the United States and certain foreign countries including, but not limited to China, there is inherent risk that political, diplomatic and national security influences might lead to trade disputes, impacts and/or disruptions to our operations or our ability to sell our photomasks. The United States and other countries have imposed and may continue to impose trade restrictions and have also levied tariffs and taxes on certain goods and imposed export restrictions. Increases in tariffs, additional taxes or other trade restrictions and retaliatory measures may increasingly impact customer demand and customer investment in manufacturing equipment, increase our manufacturing costs, decrease margins, reduce the competitiveness of our products, or inhibit our ability to sell, export products or purchase necessary equipment and supplies, which could have a material adverse effect on our business, results of operations, or financial condition. We may be unprepared for changes to environmental laws and regulations and may incur liabilities arising from environmental matters. We are subject to numerous environmental laws and regulations that impose various environmental controls on, among other things, the discharge of pollutants into the air and water and the handling, use, storage, disposal, and cleanup of solid and hazardous wastes. Changes in these laws and regulations may have a material adverse effect on our financial position and results of operations, and inadequate compliance with their requirements could give rise to significant liabilities. If we violate environmental, health or safety laws or regulations, in addition to being required to correct such violations, we can be held liable in administrative, civil, or criminal proceedings, and substantial fines and other sanctions could be imposed that could disrupt or limit our operations. Liabilities associated with the investigation and cleanup of hazardous substances, as well as personal injury, property damages or natural resource damages arising from the release of, or exposure to, such hazardous substances, may be imposed in many situations without regard to violations of laws or regulations or other fault, and may also be imposed jointly and severally (so that a responsible party may be held liable for more than its share of the losses involved, or even the entire loss). Such liabilities may also be imposed on many different entities with a relationship to the hazardous substances at issue, including, for example, entities that formerly owned or operated the property affected by the hazardous substances and entities that arranged for the disposal of the hazardous substances at the affected property, as well as entities that currently own or operate such property. The nature of our business, including historical operations at our current and former facilities, exposes us to risks of liability under these laws and regulations due to the production, storage, use, transportation and sale of materials that can cause contamination or personal injury if released into the environment. Additional information may arise in the future concerning the nature or extent of our liability with respect to identified sites and additional sites that may be identified, for which we are alleged to be liable. General Risk Factors We could be negatively impacted by Environmental, Social and Governance (ESG), climate change and other sustainability-related matters. In recent years, there has been an increased focus from stakeholders on environmental, social, and governance matters, including greenhouse gas emissions and climate-related risks, sustainability, renewable energy, water stewardship, waste management, diversity, equality and inclusion, responsible sourcing and supply chain, human rights, and social responsibility. Evolving stakeholder expectations and our efforts to manage these issues, report on them, and accomplish our goals present numerous operational, regulatory, reputational, financial, legal, and other risks, any of which could have a material adverse impact, including on our reputation and stock price, reputational harm, including damage to our relationships with customers, suppliers, investors, governments, or other stakeholders, adverse impacts on our ability to manufacture and sell products and maintain our market share, the success of our collaborations with third parties, increased risk of litigation, investigations, or regulatory enforcement action, unfavorable environmental, social, and governance ratings or investor sentiment, diversion of resources and increased costs to control, assess, and report on environmental, social, and governance metrics. 17 Table of Contents Ineffective internal controls could impact our business and operating results. Our internal controls over financial reporting may not prevent or detect misstatements because of their inherent limitations in detecting human errors, the circumvention or overriding of controls, or fraud; even effective internal controls can provide only reasonable assurance with respect to the preparation and fair presentation of financial statements. If we: fail to maintain the adequacy of our internal controls, including any failure to implement required new or improved controls; otherwise fail to prevent financial reporting misstatements; or experience difficulties in implementing internal controls, our business and operating results could be adversely impacted, and we could fail to meet our financial reporting obligations. Our business could be adversely impacted by global or regional catastrophic events. Our business could be materially adversely affected by terrorist acts, widespread outbreaks of infectious diseases, government responses emplaced to limit the impact of infectious diseases (such as shelter-in-place directives), or the outbreak or escalation of wars including, but not limited to, the invasion of Ukraine by the Russian Federation. Such events in the geographic regions in which we do business, including escalations of political tensions and military conflicts in the U.S., Europe, the Republic of South Korea, the Peopleâ€™s Republic of China, or the Republic of China (Taiwan), and any governmental sanctions enacted in reaction thereto, could result in a global energy crisis, economic inflation, supply-chain disruptions, or the confiscation or destruction of our facilities; all and any of these outcomes could have material, adverse impacts on our results of operations, financial condition, and cash flows. Our production facilities could be damaged or disrupted by natural or manmade disasters or labor strikes, either of which could adversely affect our financial position, results of operations, and cash flows. A major catastrophe, such as an earthquake, flood, fire, or other disaster, labor strike, or work stoppage at any of our manufacturing facilities, or a manufacturing facility of our suppliers or customers, could result in a prolonged interruption of our business. A disruption resulting from any one of these events could cause significant delays in shipments of our products and the loss of revenue and customers, which could have a material adverse effect on our financial position, results of operations, and cash flows. Our facilities in Taiwan are located in a seismically-active area. Our sales can be impacted by the health and stability of the general economy, which could adversely affect our results of operations and cash flows. Unfavorable general economic conditions in the U.S. or other countries in which we or our customers conduct business may have the effect of reducing the demand for photomasks. Economic downturns may lead to a decrease in demand for end products whose manufacturing processes involve the use of photomasks, which may result in a reduction in new product design and development by semiconductor or FPD manufacturers and adversely affect our results of operations and cash flows. Technology failures or cyber security breaches could have a material adverse effect on our operations. We rely on information technology systems to process, transmit, store, and protect electronic information. For example, a significant portion of the communications between our personnel, customers, and suppliers depends on information technology. Our information technology systems may be vulnerable to a variety of interruptions due to events beyond our control, including, but not limited to, natural disasters, terrorist attacks, telecommunications failures, computer viruses, hackers, and other security issues. Although we have technology and information security processes and disaster recovery plans in place to mitigate our risks to these vulnerabilities, these measures may not be adequate to ensure that our operations will not be disrupted, should such an event occur. The General Data Protection Regulation (â€œGDPRâ€), which went into effect in the European Union (EU) on May 25, 2018, applies to the collection, use, retention, security, processing, and transfer of personally identifiable information of residents of E.U. countries. The GDPR created a range of new compliance obligations and imposes significant fines and sanctions for violations. It is possible that the GDPR may be interpreted or applied in a manner that is adverse to, or unforeseen by us, including requirements that are inconsistent with our practices, or that we may otherwise fail to construe its requirements in ways that are satisfactory to the E.U. authorities. Upon leaving the E.U. on January 31, 2021, the U.K. enacted a new domestic data privacy law called the â€œU.K. â€“ General Data Protection Regulationâ€ (â€œUK-GDPRâ€). Although somewhat less restrictive than the GDPR, the UK-GDPR is similar to the GDPR with respect to both an entityâ€™s obligation to protect personal information and the imposition of significant fines for violations. 18 Table of Contents Any failure, or perceived failure, by us to comply with the GDPR or the UK-GDPR, or with any applicable regulatory requirements or orders, including, but not limited to privacy, data protection, information security, or consumer protection related privacy laws and regulations, in one or more jurisdictions within the E.U., the U.K. or elsewhere, could: result in proceedings or actions against us by governmental entities or individuals; subject us to significant fines, penalties, and/or judgments; require us to change our business practices; limit access to our products and services in certain countries, or otherwise adversely affect our business, as we would be at risk to lose both customers and revenue, and incur substantial costs. We may, in the future, incur net losses. Although the Company has been profitable since fiscal 2010, it has, in the past, incurred net losses. We cannot provide assurance that the Company will not incur net losses in the future. Market Related Risk Factors Changes in foreign currency exchange rates could have a material adverse effect on our results of operations, financial condition, or cash flows. Our consolidated financial statements are prepared in accordance with U.S. GAAP and are reported in U.S. dollars. Our operations have transactions and balances denominated in currencies other than the U.S. dollar; primarily the South Korean won, New Taiwan dollar, Japanese yen, Chinese renminbi, Euro, Singapore dollar, and the British pound sterling. In 2024, we recorded a net gain from changes in foreign currency exchange rates of $2.2 million in our consolidated statement of income, while our net assets increased by $8.6 million as a result of the translation of foreign currency financial statements to U.S. dollars. Significant foreign currency fluctuations may adversely affect our results of operations, financial condition, or cash flows. Our hedging activity could negatively impact our results of operations and cash flows. We may enter into derivatives to manage our exposures to interest rate and currency movements. If we do not accurately forecast our results of operations, execute contracts that do not effectively mitigate our economic exposures to interest rates and currency rates, elect to not apply hedge accounting (when doing so would have mitigated our losses), or fail to comply with the complex accounting requirements for hedging transactions, our results of operations and cash flows could be volatile, as well as negatively impacted. The market price of our common stock is subject to volatility and could fluctuate widely in response to various factors, many of which are beyond our control. Factors that may influence the price of our common stock include, but are not limited to, the following: â€¢ loss of any of our key customers or suppliers; â€¢ additions or departures of key personnel; â€¢ third party sales of common stock; â€¢ short interest in our common stock; â€¢ our ability to execute our business plan, including but not limited to, our expansion into China; â€¢ announcements and consummations of business acquisitions; â€¢ operating results that fall below or exceed expectations; â€¢ announcements of forecasted earnings or material transactions; 19 Table of Contents â€¢ issuances or repurchases of our common stock; â€¢ intellectual property disputes; â€¢ reputational damage suffered with or without merit; â€¢ industry developments; â€¢ news about or disclosures made by our competitors or customers; â€¢ business combinations, divestitures, or bankruptcies by customers, suppliers, or competitors; â€¢ economic and other external factors including (but not limited to) inflation, recessions, natural disasters, military actions, political instability, or social unrest; and â€¢ period to period fluctuations in our financial results. In addition, securities markets have from time-to-time experienced significant price and volume fluctuations that are unrelated to the operating performance of particular companies. These market fluctuations may also materially and adversely affect the market price of our common stock. Such fluctuations may be the result of imbalances between buy and sell offers, the actions of quantitative or algorithmic stock traders and short-sellers, or low trading volume which can magnify the effects of a small number of transactions on the price of a stock. We operate in a global, competitive environment which gives rise to operating and market risk exposure. We sell our products in a competitive, global environment, and compete worldwide for sales on the basis of product quality, price, technology, and customer service. Sales of our products are also subject to federal, state, local, and foreign taxes, laws and regulations, trade agreements, import and export controls, duties, and tariffs. The imposition of additional regulations or controls including export controls, duties, tariffs, or changes to bilateral and regional trade agreements, could negatively impact our results of operations. ITEM 1B. UNRESOLVED STAFF COMMENTS None. ITEM 1C. CYBERSECURITY Risk Management Strategy Securing the Companyâ€™s business information, customer, supplier, and employee data and information technology systems is an important part of our overall risk management framework. We rely on certain key information technology systems, some of which are dependent on services provided by third parties, including cloud vendors, for various business functions necessary to operate and manage our business. We select key third-party service providers based on several factors, including the type of data processed and the nature of services offered, and we oversee such key third-party service providers by conducting vendor diligence upon onboarding and ongoing monitoring, including a review of SOC-1 reports on an annual basis. We have adopted processes designed to identify, assess and manage material risks from cybersecurity threats. Those processes include response to and an assessment of internal and external threats to the security, confidentiality, integrity and availability of our data and information systems, along with other material risks to our operations. In addition, we have implemented procedures over certain areas such as access on/off boarding and account management to help govern the processes put in place by management designed to protect our IT assets, data, and services from threats and vulnerabilities. Although, to date, we have not experienced a material cybersecurity incident resulting in a significant interruption of our operations, the scope of any future incident cannot be predicted with any meaningful accuracy. See â€œItem 1A. Risk Factorsâ€ for more information. 20 Table of Contents Governance Management is responsible for the day-to-day management of the risks we face, while our Board of Directors has responsibility for the oversight of risk management, including risks from cybersecurity threats. The cybersecurity program is led by the Companyâ€™s Global VP of Data Operations and Information Technology, who provides periodic updates to the Cyber Security Risk Management Committee of our Board of Directors about the program, including information about cyber risk management governance and the status of ongoing efforts to strengthen cybersecurity effectiveness. Our Board of Directors engages in ad hoc conversations with management on cybersecurity-related news events and discuss any significant updates to our cybersecurity risk management and initiatives. The Cyber Security Risk Management Committee regularly reports on its activities to the full Board to promote effective coordination and to ensure that the entire Board remains apprised of the effectiveness of the cybersecurity risk management and the cybersecurity risk landscape, and also assesses how management is managing these risks. 21 Table of Contents ITEM 2. PROPERTIES The following table presents certain information about the Companyâ€™s photomask manufacturing facilities: Location Â Type of Interest Â Â Â Allen, Texas Â Owned Â Boise, Idaho Â Owned Â Brookfield, Connecticut Â Owned Â Bridgend, Wales Â Leased Â Cheonan, Korea Â Owned Â Hefei, China Â Owned (1) Dresden, Germany Â Leased Â Hsinchu, Taiwan Â Owned (1) Hsinchu, Taiwan Â Leased Â Taichung, Taiwan Â Owned (1) Xiamen, China Â Owned (1) (1)Â We own our manufacturing facilities in Hefei, Taichung, Xiamen, and one of our manufacturing facilities in Hsinchu. However, we lease the related land at these sites. We believe our facilities, with planned expansions, are adequate to support our current and near-term requirements. ITEM 3. LEGAL PROCEEDINGS Please refer to Note 16 â€“ Commitments and Contingencies to our consolidated financial statements in Part II, Item 8 of this report for information on legal proceedings involving the Company. ITEM 4. MINE SAFETY DISCLOSURES Not applicable. 22 Table of Contents PART II ITEM 5. MARKET FOR REGISTRANTâ€™S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES (a) Market Information Our common

stock is traded on the NASDAQ Global Select Market (â€œNASDAQâ€) under the symbol PLAB. On December 12, 2024, the closing sale price of our common stock, per the NASDAQ Global Select Market, was $26.27. (b) Approximate Number of Holders of Common Stock Based on available information, we have 215 registered shareholders. (c) Dividends To date, we have not paid any cash dividends on Photronics shares, and, for the foreseeable future, we anticipate that earnings will continue to be retained for use in our business. (d) Securities Authorized for Issuance Under Equity Compensation Plans The information regarding our equity compensation required to be disclosed by Item 201(d) of Regulation S-K is incorporated by reference from the Photronics, Inc. 2025 Definitive Proxy Statement in Item 12 of Part III of this report. The 2025 Definitive Proxy Statement will be filed within 120 days after our fiscal year ended October 31, 2024. (e) Stock Price Performance Graph 23 Table of Contents (f) Purchase of Equity Securities by Registrant and Affiliated Purchasers Â Â Â Â Â Â Â In September 2020, the Companyâ€™s Board of Directors authorized the repurchase of up to $100 million of its common stock, pursuant to a repurchase plan under Rule 10b5-1 of the Securities Act. The repurchase authorization by the Board of Directors has no expiration date, does not obligate us to acquire any common stock, and is subject to market conditions. Share repurchases under this authorization commenced on September 16, 2020. The most recent 10b5-1 plan expired on September 15, 2022, and has not been renewed.Â In 2022, we repurchased 0.2 million shares at a cost of $2.5 million (an average of $13.43 per share) and, since the programâ€™s inception, we have repurchased 5.8 million shares at a cost of $68.3 million (an average of $11.70 per share). All shares repurchased under the program have been retired. On August 28, 2024, the Board of Directors authorized an increase to the Companyâ€™s existing share repurchase program from the remaining $31.7 million up to $100 million under the Board of Director authorization. In 2024, we did not repurchase any further shares as part of this program. ITEM 6. [RESERVED] 24 Table of Contents ITEM 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS The following should be read in conjunction with â€œCautionary Statement Regarding Forward Looking Statementsâ€ and our combined consolidated financial statements and notes thereto included in Item 8 of this Annual Report on Form 10-K. For a comparison of results of operations for the fiscal years ended October 31, 2023 and 2022, see Part II, Item 7. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations of Photronics Inc.â€™s Annual Report on Form 10-K for the fiscal year ended October 31, 2023, filed with the SEC on December 26, 2023. Overview We sell substantially all of our photomasks to semiconductor designers and manufacturers, and manufacturers of FPDs. Photomask technology is also being applied to the fabrication of other higher-performance electronic products such as virtual reality/augmented reality advanced IC packages, photonics, micro-electronic mechanical systems, and certain nanotechnology applications. Our selling cycle is tightly interwoven with the development and release of new semiconductor and display designs and applications, particularly as they relate to the semiconductor industryâ€™s migration to more advanced product innovation, design methodologies, and fabrication processes. The demand for photomasks primarily depends on design activity rather than sales volumes from products manufactured using semiconductor manufacturing technologies. Consequently, an increase in semiconductor or display sales does not necessarily result in a corresponding increase in photomask sales. However, the reduced use of application-specific ICs, reductions in design complexities, other changes in the technology or methods of manufacturing or designing semiconductors, or a slowdown in the introduction of new semiconductor or display designs could reduce demand for photomasks â€’ even if the demand for semiconductors and FPDs increases. Advances in semiconductor, display, and photomask design and production methods that shift the burden of achieving device performance away from lithography could also reduce the demand for photomasks. Historically, the microelectronics industry has been volatile, experiencing periodic downturns and slowdowns in design activity. These negative trends have been characterized by, among other things, diminished product demand, excess production capacity, and accelerated erosion of selling prices with a concomitant effect on revenue and profitability. We are typically required to fulfill customer orders within a short period of time, sometimes within twenty-four hours. This results in a minimal level of backlog orders, typically one to two weeks of backlog for IC photomasks and two to three weeks of backlog for FPD photomasks. However, the demand for some IC photomasks can extend longer than the traditional time period; thus, for some products, our backlog can expand to as long as two to three months. The global semiconductor and FPD industries are driven by end markets which have been closely tied to consumer-driven applications of high-performance devices, including, but not limited to, mobile display devices, mobile communications, and computing solutions. While we cannot predict the timing of the industryâ€™s transition to volume production of next-generation technology nodes, or the timing of up and down-cycles with precise accuracy, we believe that such transitions and cycles will continue into the future, beneficially and adversely affecting our business, financial condition, and operating results as they occur. We believe our ability to remain successful in these environments is dependent upon the achievement of our goals of being a service and technology leader and efficient solutions supplier, which we believe should enable us to continually reinvest in our global infrastructure. We are focused on improving our competitiveness by advancing our technology and reducing costs and, in connection therewith, have invested and plan to continue to invest in manufacturing equipment to serve both the high-end photomask and trailing-edge markets. As we face challenges that require us to make significant improvements in our competitiveness, we continue to evaluate further cost reduction initiatives. State-of-the-art production for semiconductor masks is considered to be 28 nanometer and smaller for ICs and Generation 10.5+ and AMOLED and LTPS display-based process technologies for FPDs. However, 32 nanometer and above geometries for semiconductors and Generation 8 and below (excluding AMOLED and LTPS) process technologies for displays constitute the majority of designs currently being fabricated in volume. At these geometries and various high-end nodes, we can produce full lines of photomasks, and there is no significant technology employed by our competitors that is not available to us. We expect advanced-generation designs to continue to move to production throughout fiscal 2025, and we believe we are well positioned to service an increasing volume of this business as a result of our investments in manufacturing processes and technology in the regions where our customers are located. 25 Table of Contents The photomask industry has been, and is expected to continue to be characterized by technological change and evolving industry standards. In order to remain competitive, we will be required to continually anticipate, respond to, and utilize changing technologies. In particular, we believe that, as semiconductor geometries continue to become smaller, and display designs become larger or otherwise more advanced, we will be required to manufacture even more complex optically-enhanced reticles, including optical proximity correction, phase-shift and EUV photomasks. Additionally, demand for photomasks has been, and could in the future be, adversely affected by changes in high-performance electronics fabrication methods that affect the type or quantity of photomasks used, such as changes in semiconductor demand that favor field-programmable gate arrays and other semiconductor designs that replace application-specific ICs, or the use of certain chip-stacking methodologies that lessen the emphasis on conventional lithography technology. Furthermore, increased market acceptance of alternative methods of transferring circuit designs onto semiconductor wafers could reduce or eliminate the need for photomasks in the production of semiconductors. As of the end of 2024, one alternative method, direct-write lithography, has not been proven to be a commercially viable alternative to photomasks, as it is considered to be too slow for high-volume semiconductor wafer production, and we have not experienced a significant loss of revenue as a result of this or other alternative semiconductor design methodologies. However, should direct-write lithography or any other alternative method of transferring IC designs to semiconductor wafers without the use of photomasks achieve market acceptance, and we do not anticipate, respond to, or utilize these or other changing technologies due to resource, technological, or other constraints, our business and results of operations could be materially adversely affected. Our revenues have benefitted, and our costs, including depreciation, have been affected by the increased demand for high-end-technology photomasks that require more advanced manufacturing capabilities, but generally command higher ASPs. Our capital expenditure payments were $130.9 million, $131.3 million and $112.3 million in 2024, 2023 and 2022, respectively. Nonetheless, we intend to continue to make the required investments to support the technological requirements of our customers that we believe will continue to enable our growth. In support of this effort, we expect capital expenditure payments to be approximately $200 million in fiscal year 2025. The manufacture of photomasks for use in fabricating ICs, FPDs, and other related products built using comparable photomask-based process technologies has been, and continues to be, capital intensive. Our employees and our integrated global manufacturing network represent a significant portion of our fixed operating cost base. Should our revenue decrease as a result of a decrease in design releases from our customers, we may have excess or underutilized production capacity, which could significantly impact our operating margins, or result in write-offs from asset impairments. 26 Table of Contents Results of Operations The following tables present selected operating information expressed as a percentage of revenue. The columns may not foot due to rounding. Â Â Three Months Ended Â Â Â Â Â Â Â October 31, 2024 Â Â July 28, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Â Â Revenue Â Â 100.0 % Â Â 100.0 % Â Â 100.0 % Cost of goods sold Â Â 63.0 Â Â Â 64.4 Â Â Â 62.7 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Gross profit Â Â 37.0 Â Â Â 35.6 Â Â Â 37.3 Â Selling, general and administrative expenses Â Â 9.4 Â Â Â 9.2 Â Â Â 7.4 Â Research and development expenses Â Â 2.4 Â Â Â 1.7 Â Â Â 1.5 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Operating income Â Â 25.2 Â Â Â 24.7 Â Â Â 28.5 Â Non-operating (expense) income, net Â Â (0.5) Â Â 4.8 Â Â Â 8.2 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Income before income tax provision Â Â 24.7 Â Â Â 29.5 Â Â Â 36.7 Â Income tax provision Â Â 6.5 Â Â Â 6.7 Â Â Â 8.9 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net income Â Â 18.2 Â Â Â 22.8 Â Â Â 27.8 Â Net income attributable to noncontrolling interests Â Â 2.9 Â Â Â 6.5 Â Â Â 8.2 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net income attributable to Photronics, Inc. shareholders Â Â 15.3 % Â Â 16.3 % Â Â 19.6 % Â Â Year Ended Â Â Â Â Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Â Â Â Â Â Â Â Â Â Â Â Revenue Â Â 100.0 % Â Â 100.0 % Â Â 100.0 % Cost of goods sold Â Â 63.6 Â Â Â 62.3 Â Â Â 64.3 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Gross profit Â Â 36.4 Â Â Â 37.7 Â Â Â 35.7 Â Selling, general and administrative expenses Â Â 9.0 Â Â Â 7.8 Â Â Â 7.8 Â Research and development expenses Â Â 1.9 Â Â Â 1.5 Â Â Â 2.2 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Operating income Â Â 25.6 Â Â Â 28.4 Â Â Â 25.7 Â Non-operating income Â Â 3.0 Â Â Â 1.9 Â Â Â 3.3 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Income before income tax provision Â Â 28.5 Â Â Â 30.3 Â Â Â 29.0 Â Income tax provision Â Â 7.3 Â Â Â 7.9 Â Â Â 7.3 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net income Â Â 21.2 Â Â Â 22.4 Â Â Â 21.7 Â Net income attributable to noncontrolling interests Â Â 6.1 Â Â Â 8.3 Â Â Â 7.3 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net income attributable to Photronics, Inc. shareholders Â Â 15.1 % Â Â 14.1 % Â Â 14.4 % 27 Table of Contents Note:Â All the following tabular comparisons, unless otherwise indicated, are for the three months ended October 31, 2024 (Q4 FY24), July 28, 2024 (Q3 FY24) and October 31, 2023 (Q4 FY23), and for the fiscal years ended October 31, 2024 (YTD FY24), October 31, 2023 (YTD FY23), and October 31, 2022 (YTD FY22). Please refer to Part II, Item 7 of our 2023 Form 10-K for comparative discussion of our fiscal years ended October 31, 2023, and October 31, 2022. The tables in this item may not foot due to rounding. Revenue Our quarterly revenues can be affected by the seasonal purchasing practices of our customers. As a result, demand for our products is typically reduced during the first quarter of our fiscal year by the North American, European, and Asian holiday periods, as some of our customers reduce their development and, consequently, their buying activities during those periods. The following tables present changes in revenue disaggregated by product type and geographic origin, in Q4 FY24 and YTD FY24 from revenue in prior reporting periods. Quarterly Changes in Revenue by Product Type ($ in millions) Â Â Q4 FY24 compared with Q3 FY24 Â Â Q4 FY24 compared with Q4 FY23 Â Â Â Revenue in Q4 FY24 Â Â Â Â Increase (Decrease) Â Â Â Â Percent Change Â Â Â Â Increase (Decrease) Â Â Â Â Percent Change Â Â IC Â High-end * Â $ 60.1 Â Â $ 10.6 Â Â Â 21.3 % Â $ 2.4 Â Â Â 4.1 % Mainstream Â Â 103.6 Â Â Â (2.8) Â Â (2.5)% Â Â (3.2) Â Â (2.9)% Â Total IC Â $ 163.7 Â Â $ 7.8 Â Â Â 5.0 % Â $ (0.8) Â Â (0.5)% Â FPD Â High-end * Â $ 48.4 Â Â $ - Â Â Â 0.0 % Â $ (4.9) Â Â (9.2)% Mainstream Â Â 10.5 Â Â Â 3.8 Â Â Â 56.6 % Â Â 0.8 Â Â Â 8.3 % Â Total FPD Â $ 58.9 Â Â $ 3.8 Â Â Â 6.9 % Â $ (4.1) Â Â (6.5)% Â Total Revenue Â $ 222.6 Â Â $ 11.6 Â Â Â 5.5 % Â $ (4.9) Â Â (2.1)% * High-end photomasks typically have higher ASPs than mainstream products. Quarterly Changes in Revenue by Geographic Origin ($ in millions) ** Â Â Q4 FY24 compared with Q3 FY24 Â Â Q4 FY24 compared with Q4 FY23 Â Â Â Revenue in Q4 FY24 Â Â Â Â Increase (Decrease) Â Â Â Â Percent Change Â Â Â Â Increase (Decrease) Â Â Â Â Percent Change Â Taiwan Â $ 69.7 Â Â $ 1.5 Â Â Â 2.3 % Â $ (9.6) Â Â (12.1)% China Â Â 60.8 Â Â Â 5.5 Â Â Â 10.0 % Â Â 1.6 Â Â Â 2.7 % Korea Â Â 40.0 Â Â Â 1.6 Â Â Â 4.1 % Â Â (2.2) Â Â (5.2)% United States Â Â 41.7 Â Â Â 2.9 Â Â Â 7.6 % Â Â 5.0 Â Â Â 13.5 % Europe Â Â 9.9 Â Â Â 0.1 Â Â Â 1.0 % Â Â 0.5 Â Â Â 5.7 % Other Â Â 0.5 Â Â Â - Â Â Â (1.2)% Â Â (0.2) Â Â (27.9)% Total revenue Â $ 222.6 Â Â $ 11.6 Â Â Â 5.5 % Â $ (4.9) Â Â (2.1)% ** This table disaggregates revenue by the location in which it was earned. 28 Table of Contents Revenue in Q4 FY24 of $222.6 million represented an increase of 5.5% compared with Q3 FY24, and a decrease of 2.1% from Q4 FY23. Overall IC revenue increased $7.8 million or 5.0% in Q4 FY24 from Q3 FY24 due to stronger high-end foundry and logic demand in Asia.Â Overall IC revenue decreased $0.8 million or 0.5% in Q4 FY24 from Q4 FY23.Â IC mainstream decreased in Q4 FY24 by $2.8 million or 2.5% from Q3 FY24, and $3.2 million or 2.9% from Q4 FY23 primarily the result of reduced mainstream demand in Asia. FPD revenue increased $3.8 million or 6.9% in Q4 FY24 from Q3 FY24 due to stronger demand for mainstream products.Â FPD revenue decreased $4.1 million or 6.5% in Q4 FY24 from Q4 FY23 due to slower demand in high-end products. Revenue from mainstream products increased $3.8 million or 56.6% in Q4 FY24 from Q3 FY24 as more production capacity was dedicated to meet strong demand. Year-over-Year Changes in Revenue by Product Type ($ in millions) Â Â YTD FY24 compared with YTD FY23 Â Â Â Â Revenue in YTD FY24 Â Â Â Â Increase (Decrease) Â Â Â Â Percent Change Â Â IC Â High-end * Â $ 228.5 Â Â $ 33.5 Â Â Â 17.2 % Mainstream Â Â 409.6 Â Â Â (46.7) Â Â (10.2)% Â Total IC Â $ 638.1 Â Â $ (13.2) Â Â (2.0)% Â FPD Â High-end * Â $ 195.4 Â Â $ (5.5) Â Â (2.7)% Mainstream Â Â 33.4 Â Â Â (6.5) Â Â (16.3)% Â Total FPD Â $ 228.8 Â Â $ (12.0) Â Â (5.0)% Â Total Revenue Â $ 866.9 Â Â $ (25.2) Â Â (2.8)% * High-end photomasks typically have higher ASPs than mainstream photomasks. Year-over-Year Changes in Revenue by Geographic Origin ($ in millions)** Â Â YTD FY24 compared with YTD FY23 Â Â Â Â Revenue in YTD FY24 Â Â Â Increase (Decrease) Â Â Â Â Percent Change Â Â Taiwan Â $ 288.3 Â Â $ (28.6) Â Â (9.0)% China Â Â 232.9 Â Â Â (12.4) Â Â (5.1)% Korea Â Â 158.0 Â Â Â (4.2) Â Â (2.6)% United States Â Â 146.7 Â Â Â 17.7 Â Â Â 13.8 % Europe Â Â 39.2 Â Â Â 2.6 Â Â Â 7.1 % Other Â Â 1.8 Â Â Â (0.3) Â Â (14.3)% Â Â $ 866.9 Â Â $ (25.2) Â Â (2.8)% ** This table disaggregates revenue by the location in which it was earned. 29 Table of Contents Overall revenue decreased $25.2 million or 2.8% in YTD FY24 from YTD FY23.Â IC revenue decreased $13.2 million or 2.0% in YTD FY24 from YTD FY23 due to less demand for mainstream products earlier in the year which was partially offset by strong demand for high-end products. FPD revenue decreased by $12.0 million or 5.0%, driven by a $6.5 million or 16.3% decrease in revenue from mainstream products due to a decrease in G8 products. Gross Margin Â Â Â Â Â Q4 FY24 Â Â Â Â Â Q3 FY24 Â Â Â Â Percent Change Â Â Â Â Â Q4 FY23 Â Â Â Â Percent Change Â Â Gross profit Â $ 82.3 Â Â $ 75.1 Â Â Â 9.6 % Â $ 84.9 Â Â Â (3.1)% Gross margin Â Â 37.0 % Â Â 35.6 % Â Â Â Â Â Â Â 37.3 % Â Â Â Â Gross margin increased by 140 basis points in Q4 FY24 as compared to Q3 FY24, primarily as a result of the increase in revenue.Â The gross margin favorable impact resulting from the increase in revenue in Q4 FY24 compared to Q3 FY24 was partially offset by increased material costs of 5.2%, or 6 basis points as a percentage of revenue. Labor costs increased 1.3%, or 45 basis points as a percentage of revenue. Equipment and other overhead costs increased 2.7% from Q3 FY24 or 77 basis points as a percentage of revenue, mainly due to higher equipment cost in US high-end location. Gross margin decreased by 30 basis points in Q4 FY24, from Q4 FY23, primarily as a result of the decrease in revenue of 2.1% and increased equipment and other overhead costs of 4.6%, or 185 basis points as a percentage of revenue.Â This was partially offset by a decrease in material cost of 5.2%, or 77 basis points as a percentage of revenue, and labor costs of 8.5%, or 74 basis points as a percentage of revenue. Â Â Â Â Â YTD FY24 Â Â Â Â Â YTD FY23 Â Â Â Â Percent Change Â Â Gross profit Â $ 315.9 Â Â $ 336.2 Â Â Â (6.0)% Gross margin Â Â 36.4 % Â Â 37.7 % Â Â Â Â Â Gross margin decreased by 130 basis points in YTD FY24, from YTD FY23, primarily as a result of the decrease in revenue of 2.8% and increased equipment and other overhead costs of 2.5%, or 148 basis points as a percentage of revenue.Â This was partially offset by a decrease in material cost of 3.8%, or 24 basis points as a percentage of revenue, and labor costs of 2.8%, but remained flat as a percentage of revenue. Selling, General and Administrative Expenses Selling, general and administrative expenses were $21.0 million in Q4 FY24, compared with $19.4 million in Q3 FY24, and $16.7 million in Q4 FY23. The $1.6 million increase from Q3 FY24 was primarily the result of compensation and related expenses of $1.1 million. The $4.3 million increase from Q4 FY23 was primarily the result of increased compensation and related compensation expenses of $2.1 million and increased professional fees of $1.4 million. Selling, general and administrative expenses were $77.8 million in YTD FY24, compared with $69.5 million in YTD FY23.Â The increase of $8.3 million is primarily due to an increase in compensation and related expenses of $3.8 million and professional fees of $2.5 million. Research and Development Expenses Research and development expenses, which primarily consist of development and qualification efforts related to process technologies for high-end IC and FPD applications, increased $1.7 million to $5.3 million in Q4 FY24, from Q3 FY24; the increase was primarily caused by increased qualification activities. Research and development expenses in Q4 FY24 increased by $1.9 million from Q4 FY23 as a result of increased development activities in the U.S. and Asia. On a year-to-date basis, research and development expenses increased $2.9 million, to $16.6 million, primarily due to increased development activities in the U.S. 30 Table of Contents Non-Operating Income (Expense) Â Â Q4 FY24 Â Â Q3 FY24 Â Â Q4 FY23 Â Foreign currency transactions impact, net Â $ (7.7) Â $ 4.1 Â Â $ 13.2 Â Interest expense, net Â Â

(0.1) Â Â (0.1) Â Â (0.1) Interest income and other income, net Â Â 6.8 Â Â Â 6.1 Â Â Â 5.6 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Non-operating (expense) income, net Â $ (1.0) Â $ 10.1 Â Â $ 18.7 Â Non-operating (expense) income decreased in Q4 FY24 from Q3 FY24 by $11.1 million and from Q4 FY23 by $19.7 million, primarily due to foreign currency impacts. The foreign currency impacts were primarily driven by unfavorable movements of the New Taiwan dollar and the South Korean won, against the U.S. dollar for both periods. Â Â YTD FY24 Â Â YTD FY23 Â Foreign currency transactions impact, net Â $ 2.2 Â Â $ 2.5 Â Interest expense, net Â Â (0.3) Â Â (0.4) Interest income and other income, net Â Â 24.0 Â Â Â 14.8 Â Â Â Â Â Â Â Â Â Â Â Non-operating income, net Â $ 25.9 Â Â $ 16.9 Â Non-operating income (expense) increased $9.0 million in YTD FY24, compared with YTD FY23, due to increased interest income and other income of $9.2 million, resulting from higher average cash, cash equivalents and short-term investments balances in FY24 as compared with FY23. Income Tax Provision On December 15, 2022, the European Union (EU) Member States formally adopted the EUâ€™s Pillar Two Directive, which generally provides for a minimum effective tax rate of 15%, as established by the Organization for Economic Co-operation and Development (OECD) Pillar Two Framework. The EU effective dates are January 1, 2024, and January 1, 2025, for different aspects of the directive. A significant number of other countries are expected to also implement similar legislation with varying effective dates.Â The Company is currently not subject to Pillar Two but is continuously evaluating the potential impact of the Pillar Two Framework to ensure we are compliant in the future. Â Â Q4 FY24 Â Â Q3 FY24 Â Â Q4 FY23 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Income tax provision Â $ 14.6 Â Â $ 14.1 Â Â $ 20.3 Â Effective income tax rate Â Â 26.6 % Â Â 22.7 % Â Â 24.3 % The effective income tax rates are sensitive to the jurisdictional mix of our earnings, due, in part, to the non-recognition of tax benefits on losses in jurisdictions with valuation allowances. The effective income tax rate increased in Q4 FY24, compared with Q3 FY24, primarily due to changes in the period-to-period mix of jurisdictional earnings as well as an increase in foreign tax as compared to the prior quarter. The effective income tax rate increase in Q4 FY24, as compared with Q4 FY23,Â is primarily due to changes in the jurisdictional mix of earnings as well as an increase in foreign tax as compared to the prior year. Â Â FY24 Â Â FY23 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Income tax provision Â $ 63.6 Â Â $ 70.3 Â Effective income tax rate Â Â 25.7 % Â Â 26.0 % 31 Table of Contents The decrease in the effective income tax rate on a full-year basis in FY24, compared with FY23, is primarily due to changes in the jurisdictional mix of earnings.Â We consider all available evidence when evaluating the potential future realization of deferred tax assets, and when, based on the weight of all available evidence, we determine that it is more likely than not that some portion or all of our deferred tax assets will not be realized, we reduce our deferred tax assets by a valuation allowance. We also regularly assess the potential outcomes of ongoing and future tax examinations and, accordingly, have recorded accruals for such contingencies. Included in the balance of unrecognized tax benefits as of October 31, 2024 and October 31, 2023, are $14.7 million and $8.9 million respectively, recorded in Other liabilities in the consolidated balance sheets that, if recognized, would impact the effective tax rates.Â The October 31, 2024 valuation allowance was reduced by $(2.0) million dollars which was offset by additional FIN 48 reserve of $5.8 million. Net Income Attributable to Noncontrolling Interests Net income attributable to noncontrolling interests was $6.4 million in Q4 FY24, compared with $13.8 million in Q3 FY24; the decrease was the result of a net decrease in the net incomes of our joint venture operations. Net income attributable to noncontrolling interests decreased by $12.1 million in Q4 FY24 from Q4 FY23, and by $21.0 million in YTD FY24 from YTD FY23, as a result of decreased net income at both our Taiwan-based and China-based IC facilities. Liquidity and Capital Resources Cash and cash equivalents was $598.5 million and $499.3 million as of October 31, 2024, and October 31, 2023, respectively. As of October 31, 2024, total cash and cash equivalents included $562.1 million held by foreign subsidiaries. In addition, we currently have $42.2 million in short-term investments and RMB 200 million (approximately $28.1 million) of borrowing capacity in China to support local operations. See Note 8 â€“ Debt to the consolidated financial statements for additional information on our outstanding debt and currently available financing. Our primary sources of liquidity are our cash on hand and cash we generate from operations. We continually evaluate alternatives for efficiently funding our capital expenditures and ongoing operations. These reviews may result in our engagement in a variety of investing and financing transactions, in the transfer of cash among subsidiaries, and/or the repatriation of cash to the U.S. The transfer of funds among subsidiaries could be subject to foreign withholding taxes; in certain jurisdictions, repatriation of these funds to the U.S. may subject them to U.S. state income taxes and/or local country withholding taxes. We believe that our liquidity, including available financing, is sufficient to meet our requirements through the next twelve months and thereafter for the foreseeable future. Through the utilization of our existing liquidity, cash we generate from operations and short-term investments, we plan to continue to invest in our business, with our investments targeted to align with our customersâ€™ technology road maps. In addition, we stand ready to invest in mergers, acquisitions, or strategic partnerships, should a suitable opportunity arise. We estimate capital expenditures for our fiscal year 2025 will be approximately $200 million; these investments will be targeted towards high-end and mainstream â€œpointâ€ tools that will increase our operating capacity and efficiency and enable us to support our customersâ€™ near-term demands. As of October 31, 2024, we had outstanding capital commitments of approximately $105.4 million and accrued liabilities related to capital equipment purchases of approximately $6.7 million. Although payment timing could vary, primarily as a result of the timing of tool delivery, installation and testing, we currently estimate that we will fund $98.1 million of our total $112.1 million committed and recognized obligations for capital expenditures over the next twelve months. Please refer to Notes 11 - Leases and 16 â€“ Commitments and Contingencies to our consolidated financial statements for additional information on our lease liabilities and unrecognized commitments, respectively. On August 28, 2024, the Board of Directors authorized an increase to the Companyâ€™s existing share repurchase program from the remaining $31.7 million up to $100 million. As of October 31, 2024, there was $100 million remaining under that authorization. Depending on market conditions, we may utilize some or the entire remaining approved amount to reacquire additional shares. As discussed in Note 6 â€“ PDMCX Joint Venture of our consolidated financial statements, DNP, the noncontrolling interest in our China-based joint venture has, under certain circumstances, the right to put its interest in the joint venture to Photronics, or to purchase our interest in the joint venture. Under all such circumstances, the sale of DNPâ€™s interest would be at its ownership percentage of the joint ventureâ€™s net book value, with closing to take place within three business days of obtaining required approvals and clearance. As of the date of issuance of this report, DNP had not indicated its intention to exercise this right. As of October 31, 2024, Photronics and DNP each had net investments in this joint venture of approximately $140.6 million. 32 Table of Contents Cash Flows Â Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Â Â Â Â Â Â Â Â Â Net cash provided by operating activities Â $ 261.4 Â Â $ 302.2 Â Â $ 275.2 Â Net cash used in investing activities Â $ (156.5) Â $ (101.5) Â $ (147.8) Net cash used in financing activities Â $ (7.7) Â $ (18.5) Â $ (38.7) Operating Activities: Net cash provided by operating activities reflects net income adjusted for certain non-cash items, including depreciation and amortization, share-based compensation, and the effects of changes in operating assets and liabilities. Net cash provided by operating activities decreased by $40.8Â million in FY24, compared with FY23, primarily due to decreased net income and net cash-favorable changes in working capital, predominantly in Asia. Investing Activities:Â Net cash flows used in investing activities increased by $55.0 million in FY24, compared to FY23, primarily driven by an increase of purchases of short-term investments of $80.4 million.Â This was partially offset by an increase in proceeds from the maturity of short-term investments of $25.3 million. Financing Activities: Net cash used in financing activities decreased by $10.8 million in FY24, compared to FY23.Â This was driven by a decrease in repayments of debt of $11.8 million Our cash, cash equivalents, and restricted cash balances were positively impacted by changes in foreign currency exchange rates in FY24 of $2.1Â million. Non-GAAP Financial Measures Non-GAAP Net Income attributable to Photronics, Inc. shareholders and non-GAAP diluted earnings per share are â€œnon-GAAP financial measuresâ€ as such term is defined by Regulation G of the Securities and Exchange Commission, and may differ from similarly named non-GAAP financial measures used by other companies. The financial tables below reconcile Photronics, Inc. financial results under GAAP to non-GAAP financial information. We believe these non-GAAP financial measures that exclude certain items are useful for analysts and investors to evaluate our on-going performance because they enable a more meaningful comparison of historical results of our core business. These non-GAAP metrics are not a measure of consolidated operating results under U.S. GAAP and should not be considered as an alternative to Net income (loss), Net income (loss) per share, or any other measure of consolidated results under U.S. GAAP. The items excluded from these non-GAAP metrics, but included in the calculation of their closest GAAP equivalent, are significant components of the condensed consolidated statement of income and must be considered in performing a comprehensive assessment of overall financial performance. The following table reconciles GAAP to Non-GAAP IncomeÂ for the indicated periods. The columns may not foot due to rounding. 33 Table of Contents Â Â Three Months ended Â Â Year ended Â Â Â Â Oct 31, 2024 Â Â Â Â July 28, 2024 Â Â Â Oct 31, 2023 Â Â Â Â Oct 31, 2024 Â Â Â Â Oct 31, 2023 Â Â Â Â Oct 31, 2022 Â Â Â Reconciliation of GAAP to Non-GAAP Net Income: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â

Public Company Accounting Oversight Board (United States) (PCAOB), the Companyâ€™s internal control over financial reporting as of October 31, 2024, based on criteria established in Internal Control â€” Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission, and our report dated December 18, 2024, expressed an unqualified opinion on the Companyâ€™s internal control over financial reporting. Basis for Opinion These financial statements are the responsibility of the Companyâ€™s management. Our responsibility is to express an opinion on the Companyâ€™s financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB. We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion. Critical Audit Matter The critical audit matter communicated below is a matter arising from the current-period audit of the financial statements that was communicated or required to be communicated to the audit committee and that (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates. Revenue â€” Contracts with Customersâ€” Refer to Note 1 & 10 of the financial statements Critical Audit Matter Description The Company recognizes revenue over time for in-process production orders that have not shipped for contracts with customers for which it has an enforceable right to bill and collect consideration, including a reasonable profit, in the event the in-process orders are cancelled by the customers. In addition, as photomasks are manufactured to customer specifications, they have no alternative use to the Company. This results in the Company recording a corresponding contract asset as of period-end for these contracts. Significant judgment is exercised by the Company in determining the amount of revenue to recognize for these contracts and the corresponding contract asset, specifically in estimating the point within the production cycle at which the production orders stand in relation to the Companyâ€™s enforceable right within the contract. Pursuant to these contracts, revenue recognized over time and the associated contract asset as of October 31, 2024 was $11.5 million. We identified the determination of revenue recognized over time for in-process productions orders as of October 31, 2024 as a critical auditing matter because of the significant estimates and assumptions management makes in determining the amount of revenue to recognize for these contracts. This required a high degree of audit judgment and an increased extent of effort when performing audit procedures to evaluate the reasonableness of managementâ€™s determination of the progress point of in-process orders and the amount of revenue recognized over time and the corresponding contract asset as of October 31, 2024. How the Critical Audit Matter Was Addressed in the Audit Our audit procedures related to the Companyâ€™s determination of the progress point of in-process orders and resulting revenue recognized over time and corresponding contract asset as of October 31, 2024 included the following: - We tested the operating effectiveness of controls over managementâ€™s determination of the point in the production process and correlation to stated contractual rights. - We tested the mathematical accuracy of managementâ€™s calculations of revenue and the associated timing of revenue recognized in the consolidated financial statements. - We tested the accuracy and completeness of the in-process orders report by performing physical observation. - We selected a sample of in-process production orders as of October 31, 2024 and performed the followingÂ Â procedures for each selection: - Obtained and read the customer agreement/purchase order, invoice, and quote to determine whether the company has an enforceable right to bill and collect consideration. - Evaluated managementâ€™s identification of significant contract terms and resulting revenue recognition for the in-process production order. - Evaluated management estimate of the production point for the in-process order corresponding revenueÂ Â recognition and contract asset based on the Companyâ€™s enforceable right within the contract. /s/ Deloitte & Touche LLP Boston, Massachusetts December 18, 2024 We have served as the Companyâ€™s auditor since 1991. 38 Table of Contents PHOTRONICS, INC. Consolidated Balance Sheets (in thousands, except per share amounts) Â Â Â October 31, Â Â 2024 Â Â Â Â October 31, Â Â 2023 Â ASSETS Â Â Â Â Â Â Current assets: Â Â Â Â Â Â Cash and cash equivalents Â $ 598,485 Â Â $ 499,292 Â Short-term investments Â Â 42,184 Â Â Â 12,915 Â Accounts receivable, net of allowance of $1,126 in 2024 and $1,099 in 2023 Â Â 200,830 Â Â Â 194,927 Â Inventories Â Â 56,527 Â Â Â 49,963 Â Other current assets Â Â 33,036 Â Â Â 28,353 Â Total current assets Â Â 931,062 Â Â Â 785,450 Â Â Â Â Â Â Â Â Â Property, plant and equipment, net Â Â 745,257 Â Â Â 709,244 Â Deferred income taxes Â Â 23,059 Â Â Â 21,297 Â Other assets Â Â 12,681 Â Â Â 10,230 Â Total assets Â $ 1,712,059 Â Â $ 1,526,221 Â Â Â Â Â Â Â Â Â Â Â Â LIABILITIES AND EQUITY Â Â Â Â Â Â Â Â Current liabilities: Â Â Â Â Â Â Â Â Current portion of long-term debt Â $ 17,972 Â Â $ 6,621 Â Accounts payable Â Â 78,717 Â Â Â 84,024 Â Accrued liabilities Â Â 87,122 Â Â Â 94,578 Â Total current liabilities Â Â 183,811 Â Â Â 185,223 Â Â Â Â Â Â Â Â Â Â Long-term debt Â Â 25 Â Â Â 17,998 Â Other liabilities Â Â 47,464 Â Â Â 47,391 Â Total liabilities Â Â 231,300 Â Â Â 250,612 Â Â Â Â Â Â Â Â Â Â Commitments and contingencies (Note 16) Â Â Â Â Â Â Â Â Â Â Â Â Equity: Â Â Â Â Â Â Â Â Preferred stock, $0.01 par value, 2,000 shares authorized, none issued and outstanding Â Â - Â Â Â - Â Common stock, $0.01 par value, 150,000 shares authorized, 61,949 shares issued and outstanding at October 31, 2024, and 61,310 shares issued and outstanding at October 31, 2023 Â Â 619 Â Â Â 613 Â Additional paid-in capital Â Â 514,757 Â Â Â 502,010 Â Retained earnings Â Â 691,807 Â Â Â 561,119 Â Accumulated other comprehensive loss Â Â (86,319) Â Â (88,734) Total Photronics, Inc. shareholdersâ€™ equity Â Â 1,120,864 Â Â Â 975,008 Â Noncontrolling interests Â Â 359,895 Â Â Â 300,601 Â Total equity Â Â 1,480,759 Â Â Â 1,275,609 Â Total liabilities and equity Â $ 1,712,059 Â Â $ 1,526,221 Â See accompanying notes to consolidated financial statements. 39 Table of Contents PHOTRONICS, INC. Consolidated Statements of Income (in thousands, except per share amounts) Â Year Ended Â Â Â Â Â October 31, Â Â 2024 Â Â Â Â October 31, Â Â 2023 Â Â Â Â October 31, Â Â 2022 Â Revenue Â $ 866,946 Â Â $ 892,076 Â Â $ 824,549 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Cost of goods sold Â Â 551,000 Â Â Â 555,914 Â Â Â 530,336 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Gross profit Â Â 315,946 Â Â Â 336,162 Â Â Â 294,213 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Operating expenses: Â Selling, general and administrative Â Â 77,760 Â Â Â 69,458 Â Â Â 63,989 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Research and development Â Â 16,576 Â Â Â 13,654 Â Â Â 18,341 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Total operating expenses Â Â 94,336 Â Â Â 83,112 Â Â Â 82,330 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Other operating expense Â Â (92) Â Â - Â Â Â (17) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Operating income Â Â 221,518 Â Â Â 253,050 Â Â Â 211,866 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Non-operating income (expense): Â Foreign currency transactions impacts, net Â Â 2,168 Â Â Â 2,466 Â Â Â 27,344 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Interest income and other income, net Â Â 24,063 Â Â Â 14,863 Â Â Â 1,680 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Interest expense, net of subsidies Â Â (334) Â Â (433) Â Â (1,857) Â Income before income tax provision Â Â 247,415 Â Â Â 269,946 Â Â Â 239,033 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Income tax provision Â Â 63,567 Â Â Â 70,312 Â Â Â 59,791 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net income Â Â 183,848 Â Â Â 199,634 Â Â Â 179,242 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net income attributable to noncontrolling interests Â Â 53,160 Â Â Â 74,149 Â Â Â 60,456 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net income attributable to Photronics, Inc. shareholders Â $ 130,688 Â Â $ 125,485 Â Â $ 118,786 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Earnings per share: Â Basic Â 2.12 Â Â $ 2.05 Â Â $ 1.96 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Diluted Â 2.09 Â Â $ 2.03 Â Â $ 1.94 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted-average number of common shares outstanding: Â Basic Â Â 61,726 Â Â Â 61,139 Â Â Â 60,559 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Diluted Â Â 62,391 Â Â Â 61,755 Â Â Â 61,189 Â See accompanying notes to consolidated financial statements. 40 Table of Contents PHOTRONICS, INC. Consolidated Statements of Comprehensive Income (Loss) (in thousands) Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Net income Â $ 183,848 Â Â $ 199,634 Â Â $ 179,242 Â Other comprehensive income (loss), net of taxÂ of $0: Â Â Â Â Â Â Â Â Â Â Â Â Foreign currency translation adjustments Â Â 8,630 Â Â Â 5,615 Â Â Â (151,209) Other Â Â (81) Â Â (3) Â Â 423 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net other comprehensive income (loss) Â Â 8,549 Â Â Â 5,612 Â Â Â (150,786) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Comprehensive income Â Â 192,397 Â Â Â 205,246 Â Â Â 28,456 Â Less: comprehensive income attributable to noncontrolling interests Â Â 59,293 Â Â Â 70,039 Â Â Â 28,697 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Comprehensive income (loss) attributable to Photronics, Inc. shareholders Â $ 133,104 Â Â $ 135,207 Â Â $ (241) See accompanying notes to consolidated financial statements. 41 Table of Contents PHOTRONICS, INC. Consolidated Statements of Equity Years Ended October 31, 2024, 2023 and 2022 (in thousands) Â Photronics, Inc. Shareholders Â Â Â Â Â Â Â Â Â Â Â Â Common Stock Â Â Additional Paid-In Â Â Retained Â Â Treasury Â Â Accumulated Other Comprehensive Â Â Non- Controlling Â Â Total Â Â Â Shares Â Â Amount Â Â Capital Â Â Earnings Â Â Stock Â Â Income (loss) Â Â Interests Â Â Equity Â Balance as of October 31, 2021 Â Â 60,024 Â Â Â $ 600 Â Â $ 484,672 Â Â $ 317,849 Â Â $ - Â Â $ 20,571 Â Â $ 176,870 Â Â $ 1,000,562 Â Net income Â Â - Â Â Â Â - Â Â Â - Â Â Â 118,786 Â Â Â - Â Â Â - Â Â Â 60,456 Â Â Â 179,242 Â Other comprehensive loss Â Â - Â Â Â Â - Â Â Â - Â Â Â - Â Â Â (119,027) Â Â (31,759) Â Â (150,786) Shares issued under equity plans Â Â 954 Â Â Â 10 Â Â Â 4,280 Â Â Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Â 4,290 Â Share-based compensation expense Â Â - Â Â Â - Â Â Â 6,308 Â Â Â - Â Â Â - Â Â Â - Â Â Â 6,308 Â Contribution from noncontrolling interest Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Â 24,995 Â Â Â 24,995 Â Purchases of treasury stock Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Â (2,522) Â Â - Â Â Â - Â Â Â - Â Â Â (2,522) Retirement of treasury stock Â Â (187) Â Â (2) Â Â (1,519) Â Â (1,001) Â Â 2,522 Â Â Â - Â Â Â - Â Â Â - Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â

period in which they are determined. Translation of Foreign Currency Financial Statements Â Â Â Â Â Â Â Photronics reporting currency is the U.S. dollar. The functional currency of the majority of Photronics foreign subsidiaries is their local currency. As such, amounts included in the consolidated statements of income, comprehensive income, cash flows, and changes in equity are translated using average exchange rates during each period. Assets and liabilities are translated at period-end exchange rates and resulting foreign currency translation adjustments are recorded in the consolidated balance sheets as a component of Accumulated other comprehensive loss. Foreign Currency Transactions Monetary assets and liabilities denominated in currencies other than the functional currency are remeasured into their respective functional currencies at exchange rates in effect at the balance sheet date. The resulting exchange gain or loss is included in Photronicsâ€™ consolidated statements of income as Foreign currency transactions impacts, net. Cash and Cash Equivalents Cash and cash equivalents include cash and highly liquid investments with an original maturity of three months or less, readily convertible to known amounts of cash, and so near to their maturity that they present insignificant risk of changes in value because of changes in interest rates. Restricted cash is included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the consolidated statements of cash flows. The carrying values of cash equivalents approximate their fair values, due to the short-term maturities of these instruments. Restricted Cash Restricted cash in the amounts of $2.8 million and $2.6 million are included in Other assets on the Companyâ€™s October 31, 2024 and October 31, 2023, consolidated balance sheets, respectively. The restrictions on these amounts are primarily related to land lease agreements and customs requirements. Investments The Company invests in various bank time deposits, money markets and U.S. Government Securities. The Companyâ€™sÂ classification of investments is as follows: - Maturing within three months or less from the date of purchase Cash and cash equivalents - Maturing, as of the date of purchase, more than three months, but with remaining maturities of less than one year, from the balance sheet date Short-term investments - Maturing one year or more from the balance sheet date Long-term marketable investments Â Â Â Â As of October 31, 2024 and 2023, all of the Companyâ€™s investments from their dates of purchase had remaining maturities of more than three months, but less than one year, and have been classified as short-term investments. Based upon the Companyâ€™s intent and ability to hold its time deposits to maturity (which maturities range up to twelve months at purchase), such securities have been classified as held-to-maturity and are carried at amortized cost, which approximates market value. Money markets are classified as cash and cash equivalents. The Companyâ€™s U.S. Government Securities are classified as available-for-sale. Available-for-sale investments are reported at fair value, with unrealized gains or losses (net of tax) reported in Accumulated other comprehensive income (loss). In the event of a sale of these securities, the Company would determine the cost of the investment sold at the specific individual security level and would include any gain or loss inÂ Interest income and other income, net, where the Company also reports periodic interest earned and the amortization (accretion) of discounts (premiums) related to these investments. 45 Table of Contents The table below provides information on the Companyâ€™s available-for-sale debt securities and time deposits classified as short-term investments. Â Â October 31, 2024 Â Â October 31, 2023 Â Â Â Amortized Â Â Unrealized Â Â Unrealized Â Â Carrying Â Â Amortized Â Â Unrealized Â Â Unrealized Â Â Carrying Â Â Â Cost Â Â Gains Â Â Losses Â Â Value Â Â Cost Â Â Gains Â Â Losses Â Â Value Â U.S. Government Securities(1) Â $ - Â Â $ - Â Â $ - Â Â $ - Â Â $ 12,913 Â Â $ 4 Â Â $ (2) Â $ 12,915 Â Time deposits Â Â 42,184 Â Â Â - Â Â Â - Â Â Â 42,184 Â Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Total Â $ 42,184 Â Â $ - Â Â $ - Â Â $ 42,184 Â Â $ 12,913 Â Â $ 4 Â Â $ (2) Â $ 12,915 Â Â (1) Matured during 2024 The Companyâ€™s investments in marketable securities consist primarily of investments in time deposits and U.S. Government Securities. Market values were determined for each individual security in the investment portfolio. When evaluating the investments for other-than-temporary impairment, the Company reviews factors such as length of time and extent to which fair value has been below cost basis, the financial condition of the issuer, and the Companyâ€™s ability and intent to hold the investment for a period of time, which may be sufficient for anticipated recovery in market values. Accounts Receivable, Unbilled Receivables and Allowance for Credit Losses Â We generally record the Companyâ€™s accounts receivable at their billed amounts. The Company recognizes unbilled receivables when the Company has satisfied its performance obligations, has an unconditional right to consideration, but has not yet issued an invoice.Â All outstanding past due customer invoices are reviewed for collectability during, and at the end of, every reporting period. To the extent that the Company believes a loss on the collection of a customer invoice is probable, the Company records the loss and credits an allowance for credit losses. In the event that an amount is determined to be uncollectible, the Company charges the allowance for credit losses and derecognizes the related receivable. Refer to the Companyâ€™s revenue recognition policy, below, for additional information on the Companyâ€™s accounting for accounts receivable. Inventories Â Inventories are stated at the lower of cost, determined under the first-in, first-out (â€œFIFOâ€) method, or net realizable value. Please refer to Note 4 for additional information on the Companyâ€™s inventories. Inventory reserves are established when conditions indicate that the net realizable value is less than costs due to assigned expiration dates or other causes based on individual facts and circumstances. If net realizable value is less than cost at the balance sheet date, the carrying amount is reduced to the realizable value, and the difference is recognized as a loss on valuation of inventories within cost of sales. Property, Plant and Equipment, Net Â Property, plant and equipment, except as explained below under â€œImpairment of Long-Lived Assets,â€ is stated at cost less accumulated depreciation and amortization. Repairs and maintenance, as well as renewals and replacements of a routine nature, are charged to operations as incurred, while those that improve or extend the lives of existing assets are capitalized. Upon sale or other disposition, the cost of the asset and its related accumulated depreciation are removed from the accounts, and any resulting gain or loss is reflected in earnings. Â Depreciation and amortization, essentially all of which are included in Cost of goods sold in the Companyâ€™s consolidated statements of income, are computed using the straight-line method over the estimated useful lives of the related assets. Buildings and improvements are depreciated overÂ 10 toÂ 39 years, machinery and equipment overÂ 5 toÂ 15 years, and furniture, fixtures, and office equipment overÂ 3 toÂ 5 years. Leasehold improvements are amortized over the lesser of the life of the lease or the estimated useful life of the improvement. The Company employs judgment when making assumptions about the estimated useful lives and depreciation periods the Company assigns to property, plant and equipment, and when events or changes in circumstances such as a significant industry downturn, plant closures, technological obsolescence, or other occurrences indicate that their carrying amounts may not be recoverable. 46 Table of Contents Impairment of Long-Lived Assets Â Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. Determinations of recoverability are based upon the Companyâ€™s judgment and estimates of undiscounted future cash flows resulting from the use of the assets and their eventual disposition. Measurement of an impairment loss for long-lived assets that the Company expects to hold and use is based on the fair value of the assets, determined using a market or income approach, compared with the carrying value of the asset. The carrying values of assets determined to be impaired would be reduced to their estimated fair values. Property, plant and equipment and other long-lived assets to be sold or otherwise disposed of are reported at the lower of carrying amount or fair value less cost to sell. Treasury Stock Â The Company records treasury stock purchases under the cost method, recording the entire cost of the acquired stock as treasury stock. Gains and losses on subsequent reissuances would be credited or charged to additional paid-in capital, and the Company would employ the average cost method (with average cost being determined separately for each share repurchase program), in the event that the Company subsequently reissues shares. When the Company retires the Companyâ€™s treasury stock, any excess of the repurchase price paid over par value is allocated between additional paid-in capital and retained earnings. Revenue Recognition Â The Company recognizes revenue when, or as, control of a good or service transfers to a customer, in an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring those goods or services. The Company accounts for an arrangement as a revenue contract when each party has approved and is committed to perform under the contract, the rights of the contracting parties regarding the goods or services to be transferred and the payment terms are identifiable, the arrangement has commercial substance, and collection of consideration is probable. Substantially all of the Companyâ€™s revenue comes from the sales of photomasks. The Company typically contracts with the Companyâ€™s customers to sell sets of photomasks, which are comprised of multiple layers, the predominance of which the Company invoices as they ship to customers. As the photomasks are manufactured to customer specifications, they have no alternative use to the Company and, as the Companyâ€™s contracts generally provide the Company with the right to payment for work completed to date, the Company recognizes revenue as the Company performs, or â€œover time,â€ on most of the Companyâ€™s contracts. The Company measures the Companyâ€™s performance to date using an input method, which is based on the Companyâ€™s estimated costs to complete the various manufacturing phases of a photomask. At the end of a reporting period, there are a number of uncompleted revenue contracts on which the Company has performed; for any such contracts under which the Company is entitled to be compensated for the Companyâ€™s costs incurred plus a reasonable profit, the Company recognizes revenue and a corresponding contract asset for such performance. The Company accounts for shipping and handling activities that the Company performs after a customer obtains control of a good as being activities to fulfill the Companyâ€™s promise to transfer the good to the customer, rather than as promised services, or performance obligations, under the contract. The Company reports the Companyâ€™s revenue net of any sales or similar taxes the Company collects on behalf of governmental entities. As stated above, photomasks are manufactured to customer specifications in accordance with their proprietary designs; thus, they are individually unique. Due to their uniqueness and other factors, their transaction prices are individually established through negotiations with customers; consequently, the Companyâ€™s photomasks do not have standard or â€œlistâ€ prices. The transaction prices of the vast majority of the Companyâ€™s revenue contracts include only fixed amounts of consideration. In certain instances, such as when the Company offers a customer an early payment discount, an estimate of variable consideration would be included in the transaction price, but only to the extent that a significant reversal of revenue would not occur when the uncertainty related to the variability was resolved. 47 Table of Contents Contract Assets and Contract Liabilities Â The Company recognizes a contract asset when the Companyâ€™s performance under a contract precedes the Companyâ€™s receipt of consideration from a customer, or before payment is due, and the Companyâ€™s receipt of consideration is conditional upon factors other than the passage of time. Contract assets reflect the Companyâ€™s transfer of control to customers of photomasks that are in process or completed but not yet shipped to customers. A receivable is recognized when the Company has an unconditional right to payment for the Companyâ€™s performance, which generally occurs when the Company ships the photomasks. The Companyâ€™s contract assets primarily consist of a significant amount of the Companyâ€™s in-process production orders and fully manufactured photomasks which have not yet shipped, for which the Company has an enforceable right to collect consideration (including a reasonable profit) in the event the in-process orders are cancelled by customers. On an individual contract basis, the Company nets contract assets with contract liabilities (deferred revenue) for financial reporting purposes. The Companyâ€™s net credit losses on the accounts receivable during 2024 were insignificant. The Company did not impair any contract assets or accounts receivable in 2024 or 2023. Contract Costs Â The Company pays commissions to third-party sales agents for certain sales that they procure on the Companyâ€™s behalf. However, the bases of the commissions are the transaction prices of the sales, which are completed in less than one year; thus, no relationship is established with a customer that will result in future business. Therefore, the Company would not recognize any portion of these sales commissions as costs of obtaining a contract, nor does the Company currently foresee other circumstances under which the Company would recognize such assets. Â Remaining Performance Obligations Â As the Company is typically required to fulfill customer orders within a short time period, the Companyâ€™s backlog of orders is generally not in excess of one to two weeks for IC photomasks and two to three weeks for FPD photomasks. However, the demand for some IC photomasks can extend beyond the traditional time period; thus the backlog, in some individual cases, can extend to as long as two to three months. More recently however, backlogs for most high demand products have returned to historical levels of less than a month. As allowed under ASC 606 â€“ Revenue Contracts with Customers, the Company has elected not to disclose the Companyâ€™s remaining performance obligations, which represent the costs associated with the completion of the manufacturing process of in-process photomasks related to contracts that have an original duration of one year or less. Product Warranties Â The Companyâ€™s photomasks are sold under warranties that generally range from one to twenty-four months. The Company warrants that the Companyâ€™s photomasks conform to customer specifications, and the Company will typically repair, replace, or issue a refund for any photomasks that fail to do so. The warranties do not represent separate performance obligations in the Companyâ€™s revenue contracts. Historically, customer claims under warranties have been immaterial. Leases Â Â Â The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement and evaluates at that time whether the lease is an operating lease or a finance lease. The Company recognizes right-of-use assets and lease liabilities for operating and finance leases with terms greater than 12 months. Please refer to Note 11 â€“ Leases for additional information. Â Â Â Â Â Â Â The Companyâ€™s involvement in lease arrangements has typically been as a lessee. The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement. An arrangement is determined to be a lease when it conveys to the Company the right to control the use of an identified asset for a period of time in exchange for consideration. The Companyâ€™s having the right to control an identified asset is determined by whether the Company is entitled to substantially all of its economic benefits and can direct its use. The Company recognizes leases on the Companyâ€™s consolidated balance sheet when a lessor makes an asset underlying a lease having a term in excess of twelve months available for the Companyâ€™s use. As allowed under ASC Topic 842 â€“ â€œLeasesâ€ (â€œTopic 842â€), the Company has elected 1) not to apply the recognition requirements to leases that, at their commencement dates, have lease terms of twelve months or less and do not include options to purchase their underlying assets that the Company is reasonably certain to exercise and 2) for all classes of assets, the practical expedient to not separate lease components of a contract from non-lease components of a contract. 48 Table of Contents Â Â Â Â Â Â Â Â If an arrangement is determined to be, or includes a lease, the Company then applies the classification criteria in ASC 842 - Leases to determine whether the lease is a finance lease or an operating lease. For both types of leases, at their commencement dates (which are the dates on which a lessor makes an underlying asset available for the Companyâ€™s use), the Company recognizes Right-of-Use (â€œROUâ€) assets, which represent the Companyâ€™s rights to use the underlying assets, and lease liabilities which represent the Companyâ€™s obligation to make payments for such rights. The present value of lease payments over the term of the lease provides the basis for the initial measurement of ROU assets and their related lease liabilities. Variable lease payments, other than those that are dependent on an index or on a rate (at which they are measured on their commencement dates), are not included in the measurement of ROU assets and their related lease liabilities. Lease terms include extension periods if the lease agreement includes an option to extend the lease that the Company is reasonably certain to exercise. Â Â Â Â Â Â Â Â The initial measurement process for finance leases and operating leases is the same, except that, for operating leases, the Company generally applies the Companyâ€™s incremental borrowing rates for collateralized borrowings over terms similar to those of the leases to determine the lease liability while, for finance leases, the Company uses the interest rates implicit in the leases. The initial measurement of ROU assets may require further adjustments for lease prepayments and initial direct costs the Company incurs. Â Â Â Â Â Â Â Â Operating leases are expensed on a straight-line basis over the terms of the leases, and are included in the consolidated statement of income in Cost of goods sold, Selling, general and administrative, or Research and development expense in accordance with the use of the underlying asset. Finance lease ROU assets are amortized over the estimated useful life of the underlying asset; the expenses are included in the consolidated statement of income in Cost of goods sold. Finance lease liabilities are subsequently remeasured by increasing the liability to reflect interest accrued during a period and decreasing the liability to reflect payments made during the period. Interest expense incurred on finance leases is included in Interest expense on the consolidated statements of income. Â Â Â Â Â Â Â Â Cash paid for operating leases and interest paid for finance leases are included in the consolidated statement of cash flows as operating activities in Accounts payable, accrued liabilities and other; cash paid for finance lease principal is included in Repayments of debt in the financing activities section of the consolidated statement of cash flows. Share-Based Compensation Â We recognize share-based compensation expense on a straight-line basis over the requisite service period during which the awards are expected to vest. Share-based compensation expense includes the estimated effects of forfeitures, which are adjusted over the requisite service period to the extent actual forfeitures differ, or are expected to differ, from such estimates. Changes in estimated forfeitures are recognized in the period of change and will impact the amount of expense to be recognized in future periods. Determining the appropriate option pricing model, calculating the grant date fair value of share-based awards, and estimating forfeiture rates requires considerable judgment, including estimations of stock price volatility and the expected term of options granted. We use the Black-Scholes option pricing model to value employee stock options. The Company estimates stock price volatility based on daily averages of the Companyâ€™s common stockâ€™s historical volatility over a term approximately equal to the estimated time period the grant will remain outstanding. The expected term of options and forfeiture rate assumptions are derived from historical data. Research and Development Â Research and development costs are expensed as incurred and consist primarily of development efforts related to high-end process technologies for advanced subwavelength reticle solutions for IC and FPD photomask technologies. Research and development expenses were $16.6 million, $13.7 million, and $18.3 million for the years ended October 31, 2024, 2023 and 2022, respectively. 49 Table of Contents Government Grants Â The Company receives or expects to receive in the future, various types of government assistance, primarily in the form of

grants or refundable tax credits.Â Government assistance is recognized when there is reasonable assurance that: (1) the Company will comply with the relevant conditions and (2) the assistance will be received. Government assistance related to reimbursing fixed asset purchases, such as reimbursement grants and refundable federal investment tax credits, are recorded as a reduction to the related asset(s), which then reduces depreciation expense over the expected useful life of the asset on a straight-line basis. If some, or all, of the amount of government assistance becomes repayable (e.g. due to non-fulfillment of the grant conditions) or there is no longer reasonable assurance the amount will be received (e.g. due to additional interpretive guidance) then the adjustment is accounted for prospectively as a change in accounting estimate. The effect of the change in estimate is recognized in the period in which management concludes that it is no longer reasonably assured that all of the grant conditions will be met. A corresponding financial liability is recognized for the amount of the repayment, if any. Â The Company accounts for funds the Company receives from government grants by either reducing the costs of the assets (if the grant relates to capital expenditures) or expenses which could be Cost of goods sold, Selling, general and administrative, or Research and development expenses in the consolidated statements of income.Â If the funds the Company receives cannot be attributed to specific assets or expenses, they would be recognized as other income, and included in Interest income and other income, net in the consolidated statements of income. Funds the Company receive from government grants are classified in the Companyâ€™s consolidated statements of cash flows as either Net cash provided by operating activities or Net cash provided by investing activities, in accordance with how the Company expends the funds. When a grant is received before conditions of the grant have been met, the grant is recorded in Accrued liabilities or Other liabilities in the Consolidated Balance Sheets.Â For the years ended October 31, 2024, October 31, 2023, and October 31, 2022, grants recorded in the Companyâ€™s Consolidated Financial Statements were not material. Â The Company expects to receive refundable federal investment tax credits through the CHIPS Act in connection with ongoing expansion projects. As of October 31, 2024, the Company has reduced property, plant and equipment, net by $5.0 million as a result of expected refundable tax credits in connection with the CHIPS Act. The Company has also applied for direct capital grants through the CHIPS Act in connection with proposed projects. Income Taxes Â The income tax provision is computed on the basis of the income or loss before income taxes for each entity in its respective tax jurisdiction. Deferred income taxes reflect the tax effects of differences between the carrying amounts of assets and liabilities for financial reporting purposes and their amounts used for income tax purposes, as well as the tax effects of net operating losses and tax credit carryforwards. We employ judgment and make assumptions when establishing valuation allowances for deferred income tax assets, if their realization is not deemed to be more likely than not, by considering future market growth, operating forecasts, future taxable income, and the mix of earnings among the tax jurisdictions in which we operate. Accordingly, income taxes charged against earnings may have been impacted by changes in the valuation allowances. We are eligible for investment tax credits in U.S. and non-U.S. tax jurisdictions. We account for investment tax credits under the â€œflow-throughâ€ method of accounting. As permitted in ASC 740 â€œIncome Taxesâ€, under the flow-through method of accounting, the tax benefit from an investment tax credit is recorded as a reduction of income taxes in the period in which the credit is generated. Â We consider income taxes in each of the tax jurisdictions in which we operate in order to determine our effective income tax rate. Our current income tax expense is thus identified, and temporary differences resulting from differing treatments of items for tax and financial reporting purposes are assessed. These differences result in deferred tax assets, which are presented on our consolidated balance sheets, and deferred tax liabilities, which are included in Other liabilities on our consolidated balance sheets. Â We account for uncertain tax positions by recording a liability for unrecognized tax benefits resulting from uncertain tax positions taken, or expected to be taken, in our tax returns. We include any applicable interest and penalties related to uncertain tax positions in the liability and in our income tax provision. 50 Table of Contents Earnings Per Share Â Basic earnings per share (â€œEPSâ€) attributed to Photronics shareholders for both basic and diluted is computed independently for each period presented and is based on the weighted-average number of common shares outstanding for the period, excluding any dilutive common share equivalents. Diluted EPS reflects the potential dilution that could occur if certain share-based payment awards were exercised or earned. Variable Interest Entities Â We account for the investments the Company makes in certain legal entities in which equity investors do not have: 1) sufficient equity at risk for the legal entity to finance its activities without additional subordinated financial support or, 2) as a group, the holders of the equity investment at risk do not have either the power, through voting or similar rights, to direct the activities of the legal entity that most significantly impact the entityâ€™s economic performance or, 3) the obligation to absorb the expected losses of the legal entity or the right to receive expected residual returns of the legal entity as â€œvariable interest entitiesâ€, or â€œVIEsâ€. Â We consolidate the results of any such entity in which the Company has determined that the Company has a controlling financial interest. The Company would have a â€œcontrolling financial interestâ€ (and thus be considered the â€œprimary beneficiaryâ€ of the entity) in such an entity when the Company has both the power to direct the activities that most significantly affect the VIEâ€™s economic performance and the obligation to absorb the losses of, or right to receive the benefits from, the VIE that could be potentially significant to the VIE. On a quarterly basis, the Company reassesses whether the Company has a controlling financial interest in any investments the Company has in these entities. Â We would account for investments the Company makes in VIEs in which the Company has determined that the Company does not have a controlling financial interest but have a significant influence over, and hold at least a twenty percent ownership interest in, using the equity method. An investment not meeting the parameters to be accounted for under the equity method would be accounted for using the cost method, unless the investment had a readily determinable fair value, at which value it would then be reported. Â Recent Accounting Pronouncements Â Â Â Â Â Â Â In December 2023, the FASB issued ASU 2023-09, â€œIncome Taxes (Topic 740): Improvements to Income Tax Disclosuresâ€, to enhance the transparency and decision usefulness of income tax disclosures. The amendments in this Update related to the rate reconciliation and income taxes paid disclosures to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. The amendments allow investors to better assess, in their capital allocation decisions, how an entityâ€™s worldwide operations and related tax risks and tax planning and operational opportunities affect its income tax rate and prospects for future cash flows. The guidance in this Update will be effective for Photronics in its fiscal year 2026 Form 10-K, with early application of the amendments allowed. The Company is currently evaluating the effect the adoption of this ASU may have on the Companyâ€™s disclosures. Â Â Â Â Â Â Â In November 2023, the FASB issued ASU 2023-07, â€œSegment Reporting (Topic 280): Improvements to Reportable Segment Disclosuresâ€, which improves reportable segment disclosure requirements, primarily through enhanced disclosures about significant segment expenses. The guidance in this Update is effective for Photronics in its fiscal year 2025 Form 10-K, with early adoption permitted. The Company is currently evaluating the effect the adoption of this ASU may have on the Companyâ€™s disclosures. NOTE 2 â€“ ACCOUNTS RECEIVABLE The components ofÂ Accounts ReceivableÂ at the balance sheet dates are presented below. Â Â October 31, 2024 Â Â October 31, 2023 Â Accounts Receivable Â $ 172,741 Â Â $ 171,433 Â Unbilled Receivable Â Â 29,215 Â Â Â 24,593 Â Allowance for Credit Losses Â Â (1,126) Â Â (1,099) Â Â $ 200,830 Â Â $ 194,927 Â 51 Table of Contents NOTE 3 - OTHER CURRENT ASSETS Presented below are the components of Other current assets at the balance sheet dates. Â October 31, 2024 Â Â October 31, 2023 Â Contract assets Â $ 11,532 Â Â $ 10,984 Â Prepaid expenses Â Â 5,770 Â Â Â 10,031 Â Recoverable value added taxes Â Â 2,684 Â Â Â 2,312 Â Prepaid and refundable income taxes Â Â 1,875 Â Â Â 2,489 Â Other (1) Â Â 11,175 Â Â Â 2,537 Â Â Â $ 33,036 Â Â $ 28,353 Â (1) The Company expects to receive refundable federal investment tax credits of $5 million through CHIPS Act in connection with the Companyâ€™s ongoing expansion projects. NOTE 4 - INVENTORIES The components ofÂ InventoriesÂ at the balance sheet dates are presented below. Â Â October 31, 2024 Â Â October 31, 2023 Â Raw materials Â $ 56,128 Â Â $ 48,948 Â Work in process Â Â 398 Â Â Â 1,010 Â Finished goods Â Â 1 Â Â Â 5 Â Â Â $ 56,527 Â Â $ 49,963 Â NOTE 5 - PROPERTY, PLANT AND EQUIPMENT, NET Presented below are the components of Property, plant and equipment, net at the balance sheet dates. Â October 31, 2024 Â Â October 31, 2023 Â Land Â $ 11,419 Â Â $ 11,378 Â Buildings and improvements Â Â 188,756 Â Â Â 185,850 Â Machinery and equipment Â Â 1,990,610 Â Â Â 1,922,041 Â Leasehold improvements Â Â 19,268 Â Â Â 18,894 Â Furniture, fixtures, and office equipment Â Â 18,091 Â Â Â 15,856 Â Construction in progress Â Â 91,213 Â Â Â 55,434 Â Â Â Â 2,319,357 Â Â Â 2,209,453 Â Accumulated depreciation and amortization Â Â (1,574,100) Â Â (1,500,209) Â Â $ 745,257 Â Â $ 709,244 Â Information on ROU assets resulting from finance leases, at the balance sheet dates, is presented below. Â Â October 31, 2024 Â Â October 31, 2023 Â Machinery and equipment Â $ 42,815 Â Â $ 42,820 Â Accumulated amortization Â Â (10,522) Â Â (7,655) Â Â $ 32,293 Â Â $ 35,165 Â 52 Table of Contents The following table presents depreciation expense (including the amortization of ROU assets) related to property, plant and equipment incurred during the reporting periods. Â Years Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Â Depreciation and amortization expense Â $ 82,433 Â Â $ 80,472 Â Â $ 79,971 Â NOTE 6 - PDMCX JOINT VENTURE In January 2018, Photronics, Inc., through its wholly owned Photronics Singapore PTE. LTD. subsidiary (hereinafter, within this Note â€œweâ€, â€œPhotronicsâ€, â€œusâ€, or â€œourâ€), and DNP, through its wholly owned subsidiary â€œDNP Asia Pacific PTE, Ltd.â€, entered into a joint venture under which DNP obtained a 49.99% interest in the Companyâ€™s IC business in Xiamen, China. The joint venture, which the Company refers to as â€œPDMCXâ€, was established to develop and manufacture photomasks for semiconductors. The Company entered into this joint venture to enable the Company to compete more effectively for the merchant photomask business in China, and to benefit from the additional resources and investment that DNP provides to enable the Company to offer advanced-process technology to our customers. In 2020, in combination with local financing obtained by PDMCX, Photronics and DNP fulfilled their investment obligations under the PDMCX operating agreement (â€œthe Agreementâ€). As discussed in Note 8, liens were granted to the local financing entity on property, plant, and equipment and were paid off during fiscal year 2023 and there was no remaining debt at October 31, 2023. Under the Agreement, should either Photronicsâ€™ or DNPâ€™s ownership interest fall below 20.0% for a period of more than six consecutive months, such party (an â€œexiting partyâ€) has the option to sell to the other party, and the other party has the option to purchase from such exiting party, the exiting partyâ€™s remaining ownership interest. In either case, the sales of ownership interests would be at the exiting partyâ€™s ownership percentage of the joint ventureâ€™s net book value, with closing to take place within three business days of obtaining required approvals and clearance. The following table presents net income the Company recorded from the operations of PDMCX during the reporting periods. Â Â Years Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Net income from PDMCX Â $ 20,074 Â Â $ 25,098 Â Â $ 16,714 Â As required by the guidance in ASC Topic 810 - â€œConsolidationâ€, the Company evaluatedÂ the Companyâ€™s involvement in PDMCX for the purpose of determining whether the Company should consolidate its results in the Companyâ€™s financial statements. The initial step of the Companyâ€™s evaluation was to determine whether PDMCX was a VIE. Due to its lack of sufficient equity at risk to finance its activities without additional subordinated financial support, the Company determined that it is a VIE. Having made this determination, the Company then assessed whether the Company was the primary beneficiary of the VIE, and concluded that the Company was the primary beneficiary during the current and prior years reporting periods; thus, as required, the PDMCX financial results have been consolidated with Photronics. The Companyâ€™s conclusion was based on the fact that the Company held a controlling financial interest in PDMCX (which resulted from the Companyâ€™s having the power to direct the activities that most significantly impacted its economic performance) and had both the obligation to absorb losses and the right to receive benefits that could potentially be significant to PDMCX. The Companyâ€™s conclusion that the Company had the power to direct the activities that most significantly affected the economic performance of PDMCX during the current and prior year periods were based on the Companyâ€™s right to appoint the majority of its Board of Directors, which has, among others, the powers to manage the business (through its rights to appoint and evaluate PDMCXâ€™s management), incur indebtedness, enter into agreements and commitments, and acquire and dispose of PDMCXâ€™s assets. In addition, as a result of the 50.01% variable interest the Company held during the current and prior year periods, the Company had the obligation to absorb losses, and the right to receive benefits, that could potentially be significant to PDMCX. 53 Table of Contents The following table presents the carrying amounts of PDMCX assets and liabilities included in the Companyâ€™s consolidated balance sheets. General creditors of PDMCX do not have recourse to the assets of Photronics (other than the net assets of PDMCX); therefore, the Companyâ€™s maximum exposure to loss from PDMCX is the Companyâ€™s interest in the carrying amount of the net assets of the joint venture. Â October 31, 2024 Â Â October 31, 2023 Â Classification Â Carrying Amount Â Â Photronics Interest Â Â Carrying Â Â Amount Â Â Photronics Interest Â Current assets Â $ 174,059 Â Â $ 87,047 Â Â $ 135,960 Â Â $ 67,994 Â Noncurrent assets Â Â 151,039 Â Â Â 75,535 Â Â Â 136,334 Â Â Â 68,181 Â Total assets Â Â 325,098 Â Â Â 162,582 Â Â Â 272,294 Â Â Â 136,175 Â Current liabilities Â Â 40,691 Â Â Â 20,350 Â Â Â 36,305 Â Â Â 18,156 Â Noncurrent liabilities Â Â 3,320 Â Â Â 1,660 Â Â Â 1,873 Â Â Â 937 Â Total liabilities Â Â 44,011 Â Â Â 22,010 Â Â Â 38,178 Â Â Â 19,093 Â Net assets Â $ 281,087 Â Â $ 140,572 Â Â $ 234,116 Â Â $ 117,082 Â NOTE 7 - ACCRUED LIABILITIES Presented below are the components of Accrued liabilities at the balance sheet dates. Â October 31, 2024 Â Â October 31, 2023 Â Compensation related expenses Â $ 31,188 Â Â $ 37,218 Â Income taxes Â Â 24,200 Â Â Â 24,080 Â Contract liabilities Â Â 12,375 Â Â Â 9,965 Â Value added and other taxes Â Â 2,837 Â Â Â 3,523 Â Property, plant, and equipment Â Â 2,670 Â Â Â 6,624 Â Operating leases Â Â 1,925 Â Â Â 1,912 Â Telecommunications and utilities Â Â 1,040 Â Â Â 1,311 Â Service Contracts Â Â 1,448 Â Â Â 2,613 Â Other Â Â 9,439 Â Â Â 7,332 Â Accrued liabilities Â $ 87,122 Â Â $ 94,578 Â 54 Table of Contents NOTE 8 - DEBT As of October 31, 2024, the Current portion of long-term debt and the Long-term debt balances were comprised of finance leases as described below: As of October 31, 2024 Â Finance Leases Â Principal due: Â Â Â Next 12 months Â $ 17,972 Â Months 13 â€“ 24 Â $ 12 Â Months 25 â€“ 36 Â Â 12 Â Months 37 â€“ 48 Â Â 1 Â Months 49 â€“ 60 Â Â - Â Long-term debt Â Â 25 Â Total debt Â $ 17,997 Â Â Â Â Â Â Â Interest rate at balance sheet date Â Â N/A Â Basis spread on interest rates Â Â N/A Â Interest rate reset Â Â N/A Â Maturity date Â Â N/A Â Periodic payment amount Â Â Â Varies as Lease matures Â Periodic payment frequency Â Â Â Monthly Â Loan collateral (carrying amount) Â $ 32,293 (1) Â (1) Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests. 55 Table of Contents The table below provides information on the Companyâ€™s long-term debt as of October 31, 2023. As of October 31, 2023 Â Finance Leases Â Principal due: Â Â Â Next 12 months Â $ 6,621 Â Months 13 â€“ 24 Â $ 17,972 Â Months 25 â€“ 36 Â Â 12 Â Months 37 â€“ 48 Â Â Â 13 Â Months 49 â€“ 60 Â Â 1 Â Long-term debt Â Â 17,998 Â Total debt Â $ 24,619 Â Â Â Â Â Â Â Interest rate at balance sheet date Â Â N/A Â Basis spread on interest rates Â Â N/A Â Interest rate reset Â Â N/A Â Maturity date Â Â N/A Â Periodic payment amount Â Â Varies as Lease matures Â Periodic payment frequency Â Â Monthly Â Loan collateral (carrying amount) Â $ 35,165 (1) Â (1) Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests. Finance Leases In February 2021, the Company entered into a five-year $7.2 million finance lease for a high-end inspection tool. Monthly payments on the lease, which commenced in February 2021, are $0.1 million per month. Upon the payment of the fiftieth monthly payment and prior to payment of the fifty-first monthly payment, the Company may exercise an early buyout option to purchase the tool for $2.4 million. After the original term or any renewal periods, the Company may return the tool, elect to extend the lease, or purchase the tool at its fair market value. Management has determined that the Company will exercise its early buyout option during the first half of 2025. In December 2020, the Company entered into a five-year $35.5 million finance lease for a high-end lithography tool. Monthly payments on the lease, which commenced in January 2021, increased from $0.04 million during the first three months to $0.6 million for the following nine months, followed by forty-eight monthly payments of $0.5 million. As of the due date of the forty-eighth monthly payment, the Company may exercise an early buyout option to purchase the tool for $14.1 million.Â At the Companyâ€™s option, after the original term, the Company may return the tool, elect to extend the lease term for a period and a lease payment to be agreed with lessor at the time, or purchase the tool for its then-fair market value, as determined by the lessor. The lease agreement incorporates the covenants included in the Companyâ€™s Credit Agreement, as defined below (expired in September 2023), which are detailed below, and includes a cross-default provision for any agreement or instrument with an outstanding, committed balance greater than $5.0 million in which the Company is the indebted party. Management has determined that the Company will exercise its early buyout option during the first half of 2025. 56 Table of Contents Xiamen Project Loans In November 2018, PDMCX obtained approval to borrow RMB 345.0 million from the Industrial and Commercial Bank of China. From November 2018 through July 2020, PDMCX entered into separate loan agreements (the â€œProject Loansâ€) for the entire approved amount. In February 2023, PDMCX repaid the entire outstanding balance of RMB 26.4 million ($3.9 million).Â As of October 31, 2024, PDMCX had no amount outstanding and the amounts may not be re-borrowed. The Project Loans were used to finance certain capital expenditures at the PDMCX facility and were collateralized by liens granted on the land use right, building, and certain equipment located at the facility. The interest rates on the Project Loans were variable (based on the RMB Loan Prime Rate of the National Interbank Funding Center), and interest incurred on the loans was eligible for reimbursement through incentives provided by the Xiamen Torch Hi-Tech Industrial Development Zone, which provided for such reimbursements up to a prescribed limit and duration. The Project Loans were subject to covenants and provisions, certain of which related to the assets pledged as security for the loans, all of which the Company were in compliance with at the time of repayment. Xiamen Working Capital Loans In November 2018, PDMCX obtained approval for revolving, unsecured credit of RMB 200 million ($25 million), pursuant to which PDMCX may enter into separate loan

agreements with varying terms to maturity. In December 2022, the Company repaid the Companyâ€™s entire outstanding balance of RMB 25.6 million ($3.6 million). The interest rates are variable, based on the RMB Loan Prime Rate of the National Interbank Funding Center. Interest incurred on the loans related to the amount borrowed was eligible for reimbursement through incentives provided by the Xiamen Torch Hi-Tech Industrial Development Zone, which provided for such reimbursements up to a prescribed limit and duration. This facility is subject to annual reviews and extensions. In August 2024, the Company was issued an extension to the revolving, unsecured credit agreement for RMBÂ 200 million (approximately $28.1 million) with an expiration date of July 31, 2025. As of October 31, 2024, PDMCX had no outstanding borrowings against the approval. Corporate Credit Agreement In September 2018, the Company entered into a five-year amended and restated credit agreement (the â€œCredit Agreementâ€), which had a $50 million borrowing limit, with an expansion capacity to $100 million. The Credit Agreement was secured by substantially all of the Companyâ€™s assets located in the United States and common stock the Company owns in certain subsidiaries. The Credit Agreement was subject to covenants around minimum interest coverage ratio, total leverage ratio, and minimum unrestricted cash balance (all of which the Company were in compliance with at the termination of the agreement in September 2023), and limited the amount of cash dividends, distributions, and redemptions the Company could pay on the Companyâ€™s common stock to an aggregate annual amount of $50 million. The Credit Agreement expired and was not renewed as of October 31, 2023. There were no outstanding borrowings against the Credit Agreement at its expiration. Interest Paid for Debt Interest payments were $0.3 million in 2024, $0.5 million in 2023, and $2.8 million in 2022.Â Â The weighted-average interest rate on the Companyâ€™s current portion of long-term debt for the periods ended October 31, 2024 and October 31, 2023 was 1.5% and 1.5%, respectively. NOTE 9 - OTHER LIABILITIES Presented below are the components of Other liabilities at the balance sheet dates. Â Â October 31, 2024 Â Â October 31, 2023 Â Unrecognized tax benefit Â $ 14,720 Â Â $ 8,908 Â Post employment benefit Â Â 12,993 Â Â Â 11,994 Â Contract liabilities Â Â 8,910 Â Â Â 12,454 Â Tax payable Â Â 4,310 Â Â Â 6,622 Â Operating lease Â Â 3,037 Â Â Â 4,218 Â Other Â Â 3,494 Â Â Â 3,195 Â Other liabilities Â $ 47,464 Â Â $ 47,391 Â NOTE 10 - REVENUE The following tables present the Companyâ€™s revenue for the years ended October 31, 2024, October 31, 2023, and October 31, 2022, disaggregated by product type, geographic origin, and timing of recognition. Â Year Ended Â Revenue by Product Type Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â IC Â Â Â Â Â Â Â Â Â High-end Â $ 228,469 Â Â $ 194,939 Â Â $ 195,332 Â Mainstream Â Â 409,682 Â Â Â 456,340 Â Â Â 397,694 Â Total IC Â $ 638,151 Â Â $ 651,279 Â Â $ 593,026 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â FPD Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â High-end Â $ 195,365 Â Â $ 200,842 Â Â $ 186,988 Â Mainstream Â Â 33,430 Â Â Â 39,955 Â Â Â 44,535 Â Total FPD Â $ 228,795 Â Â $ 240,797 Â Â $ 231,523 Â Â Â $ 866,946 Â Â $ 892,076 Â Â $ 824,549 Á 57 Table of Contents Â Â Year Ended Â Revenue by Geographic Origin* Â Â October 31, 2024 Â Â Â October 31, 2023 Â Â Â October 31, 2022 Â Taiwan Â $ 288,275 Â Â $ 316,889 Â Â $ 291,342 Â China Â Â 232,941 Â Â Â 245,378 Â Â Â 212,598 Â Korea Â Â 158,017 Â Â Â 162,235 Â Â Â 156,139 Â United States Â Â 146,652 Â Â Â 128,879 Â Â Â 126,205 Â Europe Â Â 39,244 Â Â Â 36,579 Â Â Â 36,402 Â Other Â Â 1,817 Â Â Â 2,116 Â Â Â 1,863 Â Â Â $ 866,946 Â Â $ 892,076 Â Â $ 824,549 Â * This table disaggregates revenue by the location in which it was earned. Â Â Year Ended Â Â Â Revenue by Timing of Recognition Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Over time Â $ 831,500 Â Â $ 838,628 Â Â $ 758,359 Â At a point in time Â Â 35,446 Â Â Â 53,448 Â Â Â Â 66,190 Â Â Â Â $ 866,946 Â Â $ 892,076 Â Â $ 824,549 Â Contract Assets and Contract Liabilities The following table provides information about the Companyâ€™s contract balances at the balance sheet dates. Â Classification Â October 31, 2024 Â Â October 31, 2023 Â Â Contract Assets Â Â Â Â Â Â Â Other current assets Â $ 11,532 Â Â $ 10,984 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Contract Liabilities Â Â Â Â Â Â Â Â Â Accrued liabilities Â $ 12,375 Â Â $ 9,965 Â Â Other liabilities Â Â 8,910 Â Â Â 12,454 Â Â Â Â $ 21,285 Â Â $ 22,419 Â Â The following table presents revenue recognized from contract liabilities that existed at the beginning of the reporting periods. Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Revenue recognized from beginning liability Â $ 12,222 Â Â $ 13,966 Â Â $ 8,934 Â The Companyâ€™s invoice terms generally range from net thirty to ninety days, depending on both the geographic market in which the transaction occurs and the Companyâ€™s payment agreements with specific customers. In the event that the Companyâ€™s evaluation of a customerâ€™s business prospects and financial condition indicate that the customer presents a collectability risk, the Company will modify terms of sale, which may require payment in advance of performance. At the time of adoption, the Company elected the practical expedient allowed under ASC Topic 606 â€œRevenue from Contracts with Customersâ€ (â€œTopic 606â€) that permits the Company not to adjust a contractâ€™s promised amount of consideration to reflect a financing component when the period between when the Company transfers control of goods or services to customers and when the Company is paid is one year or less. In instances when the Company is paid in advance of the Companyâ€™s performance, the Company records a contract liability and, as allowed under the practical expedient in Topic 606, recognize interest expense only if the period between when the Company receives payment from the customer and the date when the Company expects to be entitled to the payment is greater than one year. Historically, advance payments the Company has received from customers have generally not preceded the completion of the Companyâ€™s performance obligations by more than one year. 58 Table of Contents NOTE 11 - LEASES The following table provides information on operating and finance leases included in the Companyâ€™s consolidated balance sheets. Classification Â October 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â ROU Assets â€“ Operating Leases Â Â Â Â Â Other assets Â $ 5,010 Â Â $ 6,189 Â Â Â Â Â Â Â Â Â Â ROU Assets â€“ Finance Leases Â Â Â Â Â Â Â Property, plant and equipment, net Â $ 32,293 Â Â $ 35,165 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Lease Liabilities â€“ Operating Leases Â Â Â Â Â Â Â Â Accrued liabilities Â $ 1,925 Â Â $ 1,912 Â Other liabilities Â Â 3,037 Â Â Â 4,218 Â Â Â $ 4,962 Â Â $ 6,130 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Lease Liabilities â€“ Finance Leases Â Â Â Â Â Â Â Current portion of long-term debt Â $ 17,972 Â Â $ 6,621 Â Long-term debt Â Â 25 Â Â Â 17,998 Â Â Â $ 17,997 Â Â $ 24,619 Â The following table presents future lease payments under noncancelable operating and finance leases as of October 31, 2024. Imputed interest represents the difference between undiscounted cash flows and discounted cash flows. Fiscal Year Â Operating Leases Â Â Finance Leases Â 2025 Â $ 2,039 Â Â 18,027 Â 2026 Â Â 1,651 Â Â Â 13 Â 2027 Â Â 1,228 Â Â Â 13 Â 2028 Â Â 267 Â Â Â 1 Â 2029 and thereafter Â Â 6 Â Â Â - Â Total lease payments Â $ 5,191 Â Â 18,054 Â Imputed interest Â Â (229) Â Â (57) Lease liabilities Â $ 4,962 Â Â 17,997 Â The following table presents lease costs for the 2024, 2023, and 2022. Â Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Operating lease costs Â $ 2,255 Â Â $ 2,278 Â Â $ 2,253 Â Short-term lease costs Â $ 1,273 Â Â $ 462 Â Â $ 469 Â Variable lease costs Â $ 595 Â Â $ 656 Â Â $ 603 Â Interest on finance lease Â $ 330 Â Â $ 426 Â Â $ 522 Â Amortization of ROU assets Â $ 2,950 Â Â $ 2,870 Â Â $ 2,917 Â 59 Table of Contents The following table presents statistical information related to the Companyâ€™s operating and finance leases. The information presented is as of the balance sheet dates. Â Â October 31, 2024 Â October 31, 2023 Â Classification Â Weighted-average remaining lease term (in years) Â Weighted- average discount Â rate Â Weighted- average remaining lease term (in Â years) Â Weighted- average discount rate Â Operating leases Â Â Â 2.8 Â Â Â 3.2 % Â Â 3.7 Â Â Â 2.4 % Finance leases Â Â Â 0.2 Â Â Â 1.5 % Â Â 1.2 Â Â Â 1.5 % The following table presents the effects of leases on the Companyâ€™s 2024, 2023, and 2022 consolidated statements of cash flows, and provides leases-related non-cash information for those years. Â Â Year Ended Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Operating cash flows used for operating leases Â $ 2,241 Â Â $ 2,271 Â Â $ 2,259 Â Operating cash flows used for finance leases Â $ 330 Â Â $ 429 Â Â $ 566 Â Financing cash flows used for finance leases Â $ 6,621 Â Â $ 6,521 Â Â $ 7,289 Â ROU assets obtained in exchange for operating lease obligations Â $ 842 Â Â $ 5,116 Â Â $ 513 Â 60 Table of Contents NOTE 12 - SHARE-BASED COMPENSATION In March 2016, shareholders approved the Companyâ€™s current equity incentive compensation plan (â€œthe Planâ€), under which incentive stock options, non-qualified stock options, stock grants, stock-based awards, restricted stock, restricted stock units, stock appreciation rights, performance units, performance stock, and other stock or cash awards may be granted. Shares to be issued under the Plan may be authorized and unissued shares, issued shares that have been reacquired by the Company (in the open market or in private transactions), or a combination thereof. The maximum number of shares of common stock approved that may be issued under the Plan was four million shares.Â On March 16, 2023, at its annual meeting of shareholders, the shareholders of Photronics, Inc., approved amendments to the Plan to increase the number of shares available for issuance by an additional one million shares, thereby increasing the shares available for issuance under the Plan from four million to five million. Awards may be granted to officers, employees, directors, consultants, advisors, and independent contractors of Photronics or its subsidiaries. In the event of a change in control (as defined in the Plan) or at the discretion of the compensation committee; the vesting of awards may be accelerated. The Plan, aspects of which are more fully described below, prohibits further awards from being issued under prior plans. The table below presents information on the Companyâ€™s share-based compensation expenses for the three most recent fiscal years. Â Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Expense reported in: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Cost of goods sold Â $ 2,704 Â Â $ 1,259 Â Â $ 868 Â Â Â Â Â Â Selling, general, and administrative Â Â 10,124 Â Â Â 5,962 Â Â Â 4,803 Â Â Â Â Â Â Research and development Â Â 1,062 Â Â Â 780 Â Â Â 637 Â Total expense incurred Â $ 13,890 Â Â $ 8,001 Â Â $ 6,308 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â

assets Â $ 23,059 Â Â $ 21,297 Â Other liabilities Â Â (469) Â Â (235) Â Â $ 22,590 Â Â $ 21,062 Â We have established a valuation allowance for a portion of our deferred tax assets because we believe, based on the weight of all available evidence, that it is more likely than not that a portion of our deferred tax assets will expire prior to utilization. In 2024 the valuation allowance decreased as a result of managementâ€™s determination that tax benefits on deferred tax assets would more likely than not be realized and, therefore, decreased the valuation allowance to include these deferred tax assets. Due to the Tax Cuts and Jobs Act, which was signed into law in December 2017, as of fiscal year end 2018, U.S. deferred taxes were no longer provided on the undistributed earnings of non-U.S. subsidiaries. Our policy to indefinitely reinvest these earnings in non-U.S. operations remains unchanged for the purpose of determining deferred tax liabilities for U.S. state and foreign withholding taxes. Therefore, should we elect in the future to repatriate the remaining foreign earnings deemed to be indefinitely reinvested, we may incur additional state and foreign withholding tax expense on those earnings, the amount of which is not practicable to compute. 65 Table of Contents Tax Credits and Carryforwards The following tables present our available operating loss and credit carryforwards as of October 31, 2024, and their related expiration periods. Operating Loss Carryforwards Â Amount Â Â Expiration Period Â Federal Â $ 55,729 Â Â 2030-Indefinite Â Â Â Â Â Â Â Â Â Â State Â $ 135,736 Â Â Â 2025-Indefinite Â Â Â Â Â Â Â Â Â Â Foreign Â $ 165 Â Â Â 2025-2034 Â Tax Credit Carryforwards Â Amount Â Â Expiration Period Â Federal research and development Â $ 6,042 Â Â Â 2025-2044 Â Â Â Â Â Â Â Â Â Â Federal 48D credit Â $ 2,276 Â Â Â 2043-2044 Â Â Â Â Â Â Â Â Â Â State Â $ 5,357 Â Â Â 2025-2038 Â Uncertain Tax Positions We include unrecognized tax benefits in Other liabilities, and we include any applicable interest and penalties related to uncertain tax positions in our income tax provision. A reconciliation of the beginning and ending amounts of unrecognized tax benefits is presented below. The amounts in the table include settlements of non-U.S. audits. Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Balance at beginning of year before interest and penalties Â $ 8,332 Â Â $ 5,204 Â Â $ 3,534 Â (Reductions) additions of tax positions in prior years Â Â 86 Â Â Â 209 Â Â Â (355) Additions based on current year tax positions Â Â 6,139 Â Â Â 3,361 Â Â Â 2,892 Â Settlements Â Â (835) Â Â (423) Â Â (848) Lapses of statutes of limitations Â Â (30) Â Â (19) Â Â (19) Balance at end of year before interest and penalties Â Â 13,692 Â Â Â 8,332 Â Â Â 5,204 Â Interest and penalties Â Â 1,028 Â Â Â 576 Â Â Â 395 Â Balance at end of year including interest and penalties Â $ 14,720 Â Â $ 8,908 Â Â $ 5,599 Â 66 Table of Contents The following table presents additional information on our uncertain tax positions, as of the balance sheet dates. Â Â October 31, 2024 Â Â October 31, 2023 Â Unrecognized tax benefits that, if recognized, would impact the effective tax rate Â $ 14,720 Â Â $ 8,908 Â Accrued interest and penalties related to uncertain tax positions Â $ 1,028 Â Â $ 576 Â Although the timing of the reversal of uncertain tax positions may be uncertain, as they can be dependent upon the settlement of tax audits or expirations of statutes of limitations, the Company believes that the amount of uncertain tax positions (including accrued interest and penalties, and net of tax benefits) that may be resolved over the next twelve months is $0.4 million. Resolution of these uncertain tax positions may result from either or both the lapses of statutes of limitations and tax settlements. The Company is no longer subject to tax authority examinations in the U.S., major foreign, or state tax jurisdictions for years prior to fiscal year 2019. Income Tax Payments and Refunds The table below presents income taxes paid and refunds of income taxes received during the reporting periods. Â Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Income taxes paid Â $ 62,520 Â Â $ 70,362 Â Â $ 37,770 Â Income tax refunds received Â $ 2,519 Â Â $ 485 Â Â $ 388 Â NOTE 15 - EARNINGS PER SHARE The calculation of basic and diluted earnings per share is presented below. Â Year Ended Â Â October 31, Â Â October 31, Â Â October 31, Â Â (in thousands, except for per share data) Â 2024 Â Â 2023 Â Â 2022 Â Net income attributable to Photronics, Inc. shareholders Â $ 130,688 Â Â $ 125,485 Â Â $ 118,786 Â Effect of dilutive securities Â Â - Â Â Â - Â Â Â - Â Earnings used for diluted earnings per share Â $ 130,688 Â Â $ 125,485 Â Â $ 118,786 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted-average common shares outstanding: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Basic Â Â 61,726 Â Â Â 61,139 Â Â Â 60,559 Â Effect of dilutive securities: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Share-based payment awards Â Â 665 Â Â Â 616 Â Â Â 630 Â Potentially dilutive common shares Â Â 665 Â Â Â 616 Â Â Â 630 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted-average common shares-Diluted Â Â 62,391 Â Â Â 61,755 Â Â Â 61,189 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Earnings per share: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net Income attributable to Photronics shareholders - Basic Â $ 2.12 Â Â $ 2.05 Â Â $ 1.96 Â Net Income attributable to Photronics shareholders - Diluted Â $ 2.09 Â Â $ 2.03 Â Â $ 1.94 Â 67 Table of Contents The table below sets forth the outstanding weighted-average share-based payment awards that were excluded from the calculation of diluted earnings per share because their exercise price exceeded the average market value of the common shares for the period or, under application of the treasury stock method, they were otherwise determined to be antidilutive. Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Share based payment awards Â Â 371 Â Â Â 136 Â Â Â 314 Â Total potentially dilutive shares excluded Â Â 371 Â Â Â 136 Â Â Â 314 Â NOTE 16 - COMMITMENTS AND CONTINGENCIES Presented below are the Companyâ€™s unrecognized unconditional purchase obligations, which are mainly payments for the acquisition of property, plant and equipment, with a remaining term in excess of one year as of October 31, 2024. The amounts below do not include the Companyâ€™s commitments under the Companyâ€™s debt and lease arrangements, which are presented in Notes 8 and 11, respectively. Fiscal Year Â Unrecognized Commitments Â 2025 Â $ 70,992 Â 2026 Â Â 3,052 Â 2027 Â Â 1 Â 2028 Â Â 1 Â 2029 Â Â - Â Thereafter Â Â - Â Total Â $ 74,046 Â We are subject to various claims that arise in the ordinary course of business. The Company believes that the Companyâ€™s potential liability under such claims, individually and in the aggregate, will not have a material effect on the Companyâ€™s consolidated financial statements.Â As of October 31, 2024, and October 31, 2023, the Company was not involved in environmental litigation to which a government was a party. 68 Table of Contents NOTE 17 - CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT The following tables set forth theÂ changes in the Companyâ€™s accumulated other comprehensive (loss) income by component (net of tax of $0)Â for the years ended October 31, 2024, and October 31, 2023. Â Year Ended October 31, 2024 Â Â Â Foreign Currency Translation Adjustments Â Â Other Â Â Total Â Balance at October 31, 2023 Â $ (88,044) Â $ (690) Â $ (88,734) Other comprehensive income (loss) Â Â 8,630 Â Â Â (81) Â Â 8,549 Â Other comprehensive (loss) income attributable to noncontrolling interests Â Â (6,173) Â Â 39 Â Â Â (6,134) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance at October 31, 2024 Â $ (85,587) Â $ (732) Â $ (86,319) Â Year Ended October 31, 2023 Â Â Â Â Foreign Currency Translation Adjustments Â Â Other Â Â Total Â Balance at October 31, 2022 Â $ (97,790) Â $ (666) Â $ (98,456) Other comprehensive income (loss) Â Â 5,615 Â Â Â (3) Â Â 5,612 Â Other comprehensive income (loss) attributable to noncontrolling interests Â Â 4,131 Â Â Â (21) Â Â 4,110 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance at October 31, 2023 Â $ (88,044) Â $ (690) Â $ (88,734) NOTE 18 - RISKS AND CONCENTRATIONS Financial instruments that potentially subject the Company to credit risk principally consist of trade accounts receivable and short-term cash investments. The Company sells the Companyâ€™s products primarily to semiconductor and FPD manufacturers in Asia, North America, and Europe. The Company believes that the concentration of credit risk in the Companyâ€™s trade receivables is substantially mitigated by the Companyâ€™s ongoing credit evaluation process and relatively short collection terms. The Company does not generally require collateral from customers. The Company establishes an allowance for credit losses based upon factors surrounding the credit risk of specific customers, historical trends, and other information. Our cash and cash equivalents are deposited in several financial institutions, including institutions located within all of the countries in which the Company manufactures photomasks. Portions of deposits in some of these institutions may exceed the amount of insurance available for such deposits at these institutions. As these deposits are generally redeemable upon demand and are held by high quality, reputable institutions, the Company considers them to bear minimal credit risk. The Company further mitigates credit risks related to the Companyâ€™s cash and cash equivalents by spreading such risk among a number of institutions. The following table presents the percentages of the Companyâ€™s net accounts receivable attributable to customers that accounted for more than ten percent of the total balance as of the balance sheet dates. Â Â October 31, 2024 Â Â October 31, 2023 Â Customer A Â Â 19.2 % Â Â 21 % Customer B Â Â 14.6 % Â Â 10 % 69 Table of Contents The following table presents the percentages of the Companyâ€™s revenue attributable to customers that accounted for more than ten percent of the total revenue during the reporting periods. Â Â Year Ended Â Â Â October 31, 2024 Â Â October 31, 2023 Â Â October 31, 2022 Â Customer A Â Â 15 % Â Â 14 % Â Â 15 % Customer B Â Â 12 % Â Â 10 % Â Â 11 % Customer C Â Â 9 % Â Â 13 % Â Â 5 % We operate as a single reporting segment as a manufacturer of photomasks, which are high precision quartz or glass plates containing microscopic images of electronic circuits for use in the fabrication of ICs and FPDs. As of the balance sheet dates, the Companyâ€™s long-lived assets and net assets were, by geographic area, as presented below. Â Â October 31, 2024 Â Â October 31, 2023 Â Â Â Long-lived Assets Â Â Net Assets Â Â Long-lived Assets Â Â Net Assets Â China Â $ 256,072 Â Â $ 379,460 Â Â $ 249,357 Â Â $ 317,409 Â Europe and Other Â Â 7,010 Â Â Â (420) Â Â 7,294 Â Â Â (2,175) United States Â Â 144,634 Â Â Â 217,890 Â Â Â 140,733 Â Â Â 188,712 Â Korea Â Â 123,631 Â Â Â 315,597 Â Â Â 119,438 Â Â Â 281,941 Â Taiwan Â Â 213,910 Â Â Â 568,232 Â Â Â 199,313 Â Â Â 489,722 Â Â Â $ 745,257 Â Â $ 1,480,759 Â Â $ 716,135 Â Â $ 1,275,609 Â NOTE 19 - RELATED PARTY TRANSACTIONS Our chief executive officer is related to an individual in a position of authority at one of the Companyâ€™s largest customers. The Company recorded revenue from this customer of $127.0 million, $126.5 million and $119.0 million, in 2024, 2023, and 2022, respectively. As of October 31, 2024, and October 31, 2023, the Company had accounts receivable of $38.8 million and $41.5 million, respectively, from this customer. The Company believes that the terms of the transaction described above was negotiated at armâ€™s length and were no less favorable to the Company than terms the Company could have obtained from unrelated third parties. NOTE 20 - FAIR VALUE MEASUREMENTS The accounting framework for determining fair value includes a hierarchy for ranking the quality and reliability of the information used to measure fair value, which enables the reader of the financial statements to assess the inputs used to develop those measurements. The fair value hierarchy consists of three tiers as follows: Level 1- These are investments where values are based on unadjusted quoted prices for identical assets in an active market the Company has the ability to access. 70 Table of Contents Level 2- These are investments where values are based on quoted market prices that are not active or model derived valuations in which all significant inputs are observable in active markets. Level 3- These are investments where values are derived from techniques in which one or more significant inputs are unobservable. The following are the major categories of assets measured at fair value on a recurring basis using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2) and significant unobservable inputs (Level 3): Â Â October 31, 2024 Â Â October 31, 2023 Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â Â Â Level 1 Â Â Level 2 Â Â Level 3 Â Â Total Â U.S. Government Securities Â $ - Â Â $ - Â Â $ - Â Â $ 12,915 Â Â $ - Â Â $ - Â Â $ 12,915 Â Time deposits Â - Â Â 42,184 Â Â - Â Â 42,184 Â Â - Â Â - Â Â - Â Â - Â Money market funds Â Â 36,322 Â Â Â - Â Â Â - Â Â Â 36,322 Â Â Â 19,187 Â Â Â - Â Â Â - Â Â Â 19,187 Â Total Â $ 36,322 Â Â $ 42,184 Â Â $ - Â Â $ 78,506 Â Â $ 32,102 Â Â $ - Â Â $ - Â Â $ 32,102 Â NOTE 21 - SHARE REPURCHASE PROGRAMS In September 2020, the Companyâ€™s Board of Directors authorized the repurchase of up to $100 million of its common stock, pursuant to a repurchase plan under Rule 10b5-1 of the Securities Act. The repurchase authorization by the Board of Directors has no expiration date, does not obligate us to acquire any common stock, and is subject to market conditions. Share repurchases under this authorization commenced on September 16, 2020. The most recent 10b5-1 plan expired on September 15, 2022, and has not been renewed. In 2022, we repurchased 0.2 million shares at a cost of $2.5 million (an average of $13.43 per share) and, since the programâ€™s inception, we have repurchased 5.8 million shares at a cost of $68.3 million (an average of $11.70 per share). All shares repurchased under the program have been retired prior to the end of the fiscal year in which they were purchased. On August 28, 2024, the Board of Directors authorized an increase to the Companyâ€™s existing share repurchase program from the remaining $31.7 million up to $100 million under the Board of Director authorization. In 2024, we did not repurchase any further shares as part of this program. The table below presents information on the repurchase programs for the three most recent fiscal years. Â 2024 Purchases Â Â 2023 Purchases Â Â 2022 Purchases Â Number of shares repurchased Â Â - Â Â Â - Â Â Â 187 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Cost of shares repurchased Â $ - Â Â $ - Â Â $ 2,522 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Average price paid per share Â $ - Â Â $ - Â Â $ 13.43 Â 71 Table of Contents ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE None. ITEM 9A. CONTROLS AND PROCEDURES Evaluation of Disclosure Controls and Procedures Â Our management, with the participation of our Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of our disclosure controls and procedures as of October 31, 2024. We have established and currently maintain disclosure controls and procedures, as such term is defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act, designed to provide reasonable assurance that information required to be disclosed in our reports filed under the Exchange Act, is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commissionâ€™s rules and forms, and that such information is accumulated and communicated to management, including our chief executive officer and chief financial officer, as appropriate, to allow for timely decisions regarding required disclosure. In designing and evaluating disclosure controls and procedures, management recognized that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives, and management necessarily was required to apply its judgment in evaluating the cost- benefit relationship of possible controls and procedures. Based on an evaluation of our disclosure controls and procedures as of October 31, 2024, our Chief Executive Officer and Chief Financial Officer concluded that, as of such date, our disclosure controls and procedures were effective at a reasonable assurance level. Managementâ€™s Report on Internal Control over Financial Reporting Â Management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Rules 13a-15(f) and 15d-15(f) of the Exchange Act. Under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, the Company conducted an evaluation of the effectiveness of the internal control over financial reporting based on criteria established in the Internal Control Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Â Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. Â Management assessed the effectiveness of our internal control over financial reporting as of October 31, 2024, based on the criteria set forth by the COSO. Management, under the supervision and with the participation of our Chief Executive Officer and Chief Financial Officer, concluded that our internal control over financial reporting was effective as of October 31, 2024. The Companyâ€™s independent registered public accounting firm, Deloitte & Touche LLP, has audited the effectiveness of the Companyâ€™s internal control over financial reporting as of October 31, 2024, as stated in their report on page 71 of this Form 10-K. Â Changes in Internal Control over Financial Reporting There were no changes to our internal control over financial reporting during 2024 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. 72 Table of Contents REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM To the shareholders and the Board of Directors of Photronics, Inc. Opinion on Internal Control over Financial Reporting We have audited the internal control over financial reporting of Photronics, Inc., and subsidiaries (the â€œCompanyâ€) as of October 31, 2024, based on criteria established in Internal Control â€” Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of October 31, 2024, based on criteria established in Internal Control â€” Integrated Framework (2013) issued by COSO. We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated financial statements as of and for the year ended October 31, 2024, of the Company and our report dated December 18, 2024, expressed an unqualified opinion on those financial statements. Basis for Opinion The Companyâ€™s management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying â€œManagementâ€™s Report on Internal Control Over Financial Reporting.â€ Our responsibility is to express an opinion on the Companyâ€™s internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB. We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Definition and Limitations of Internal Control over Financial Reporting A companyâ€™s internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A companyâ€™s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation

of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the companyâ€™s assets that could have a material effect on the financial statements. Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. /s/ Deloitte & Touche LLP Boston, Massachusetts December 18, 2024 Â 73 Table of Contents ITEM 9B. OTHER INFORMATION None. ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTION Not applicable. PART III ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE The information as to Directors required by Items 401, 405 and 407(c)(3)(d)(4) and (d)(5) of Regulation S-K is set forth in our 2024 Definitive Proxy Statement which will be filed with the Securities and Exchange Commission pursuant to Regulation 14A of the Exchange Act within 120 days after the end of the fiscal year covered by this Form 10-K under the caption â€œPROPOSAL 1 - ELECTION OF DIRECTORS,â€ â€œDELINQUENT SECTION 16(A) REPORTSâ€ and in the third paragraph under the caption â€œMEETINGS AND COMMITTEES OF THE BOARDâ€, and is incorporated in this report by reference. The information as to Executive Officers is included in our 2024 Definitive Proxy Statement under the caption â€œEXECUTIVE OFFICERSâ€ and is incorporated in this report by reference. We have adopted a code of ethics that applies to our principal executive officer, chief financial officer or principal financial officer and principal accounting officer. A copy of the code of ethics may be obtained, free of charge, by writing to the Vice President, General Counsel, and Corporate Secretary of Photronics, Inc. at 15 Secor Road, Brookfield, Connecticut 06804. ITEM 11. EXECUTIVE COMPENSATION The information required by Item 402 of Regulation S-K and paragraph (e)(4) and (e)(5) of Item 407 is set forth in our 2024 Definitive Proxy Statement under the captions â€œEXECUTIVE COMPENSATIONâ€, â€œCERTAIN AGREEMENTSâ€, â€œDIRECTORSâ€™ COMPENSATIONâ€, â€œCOMPENSATION COMMITTEE INTERLOCKS AND INSIDER PARTICIPATIONâ€ and â€œCOMPENSATION COMMITTEE REPORT ON EXECUTIVE COMPENSATIONâ€, respectively, and is incorporated in this report by reference. 74 Table of Contents ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS The information required by Item 201(d) of Regulation S-K is set forth in our 2024 Definitive Proxy Statement under the caption â€œEQUITY COMPENSATION PLAN INFORMATIONâ€ and is incorporated in this report by reference. The information required by Item 403 of Regulation S-K is set forth in our 2024 Definitive Proxy Statement under the caption â€œOWNERSHIP OF COMMON STOCK BY DIRECTORS, OFFICERS AND CERTAIN BENEFICIAL OWNERSâ€, and is incorporated in this report by reference. ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE The information required by Items 404 and Item 407(a) of Regulation S-K is set forth in our 2024 Definitive Proxy Statement under the captions â€œMEETINGS AND COMMITTEES OF THE BOARDâ€ and â€œRELATED PARTY TRANSACTIONSâ€, respectively, and is incorporated in this report by reference. ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES The information required by Item 9(e) of Rule 14a-101 of the Exchange Act is set forth in our 2024 Definitive Proxy Statement under the captions â€œIndependent Registered Public Accounting Firm Feesâ€ and â€œAUDIT COMMITTEE REPORTâ€, and is incorporated in this report by reference. 75 Table of Contents PART IV ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES The following documents are filed as part of this report: Â Â Â Â Page No. Â Â Â Â 1. Â Financial Statements: See â€œINDEX TO CONSOLIDATED FINANCIAL STATEMENTSâ€ in Part II, Item 8 of this Form 10-K for a list of financial statements filed as part of this report. Â 37 Â Â Â Â Â Â 2. Â Financial Statement Schedules Â Â Â Â Â Â Â Â Â All schedules are omitted because they are immaterial or not applicable. Â Â Â Â Â Â Â 3. Â Exhibit Index Â 77 76 Table of Contents EXHIBIT INDEX Â Â Â Â Incorporated by Reference Â Filed or Furnished Herewith Exhibit Number Â Description Â Form Â Exhibit Â Filing Date Â Â Â Â Â Â Â Â Â Â Â Â Â Â 3.1 Â Certificate of Incorporation as amended July 9, 1986, April 9, 1990, March 16, 1995, November 13, 1997, April 15, 2002 and June 20, 2005 Â 10-K Â 3.1 Â 12/23/2019 Â Â Â Â Â Â Â Â Â Â Â 3.2 Â Amended and Restated By-laws of the Company dated as of September 7, 2016 Â 8-K Â 3.2 Â 9/13/2016 Â Â Â Â Â Â Â Â Â Â Â 4.1 Â Description of Securities of the Company Â 10-K Â 4.1 Â 12/23/2019 Â Â Â Â Â Â Â Â Â Â Â 4.2 Â Certificate of Amendment with Respect to Series A Preferred Stock, dated September 24, 2019 Â 8-K Â 3.1 Â 9/24/2019 Â Â Â Â Â Â Â Â Â Â Â 10.1 Â The Companyâ€™s 1992 Employee Stock Purchase Plan Â 10-K Â 10.1 Â 12/20/2017 Â Â Â Â Â Â Â Â Â Â Â 10.2 Â Amendment to the Employee Stock Purchase Plan as of March 24, 2004+ Â 10-K Â 10.2 Â 1/6/2017 Â Â Â Â Â Â Â Â Â Â Â 10.3 Â Amendment to the Employee Stock Purchase Plan as of April 8, 2010+ Â 10-K Â 10.4 Â 1/7/2016 Â Â Â Â Â Â Â Â Â Â Â 10.4 Â Amendment to the Employee Stock Purchase Plan as of March 28, 2012+ Â 10-K Â 10.4 Â 12/21/2018 Â Â Â Â Â Â Â Â Â Â Â 10.5 Â Amendment to the Employee Stock Plan as of December 18, 2019+ Â 10-K Â 10.5 Â 12/23/2019 Â Â Â Â Â Â Â Â Â Â Â 10.6 Â 2016 Equity Incentive Compensation Plan+ Â DEF 14A Â Â Â 2/29/2016 Â Â Â Â Â Â Â Â Â Â Â 10.7 Â Amendment to the 2016 Equity Incentive Compensation Plan Â 8-K Â 10.1 Â 3/21/2023 Â Â Â Â Â Â Â Â Â Â Â 10.8 Â The Companyâ€™s 2007 Long-Term Equity Incentive Plan+ Â 10-K Â 10.9 Â 2/23/2007 Â Â Â Â Â Â Â Â Â Â Â 10.9 Â Amendment to the 2007 Long-Term Equity Incentive Plan as of April 8, 2010+ Â 10-K Â 10.7 Â 1/7/2016 Â Â Â Â Â Â Â Â Â Â Â 10.10 Â Amendment to the 2007 Long Term Equity Incentive Plan as of April 11, 2014+ Â 10-K Â 10.8 Â 1/6/2015 Â Â Â Â Â Â Â Â Â Â Â 10.11 Â 2011 Executive Incentive Compensation Plan effective as of November 1, 2010+ Â 10-K Â 10.9 Â 1/6/2015 Â Â Â Â Â Â Â Â Â Â Â 10.12 Â Form of Restricted Stock Award Agreement Â 10-K Â 10.12 Â 12/26/2023 Â Â Â Â Â Â Â Â Â Â Â 10.13 Â Joint Venture Operating Agreement dated November 20, 2013, between the Company and Dai Nippon Printing Co., Ltd. Â 10-K Â 10.20 Â 12/26/2023 Â Â Â Â Â Â Â Â Â Â Â 10.14 Â Outsourcing Agreement dated November 20, 2013, among the Company, Dai Nippon Printing Co., Ltd and Photronics Semiconductor Mask Corporation Â 10-K Â 10.21 Â 12/26/2023 Â Â Â Â Â Â Â Â Â Â Â 10.15 Â License Agreement dated November 20, 2013, between the Company and Photronics Semiconductor Mask Corporation# Â 10-K Â 10.22 Â 12/26/2023 Â Â 77 Table of Contents 10.16 Â Executive Employment Agreement between the Company and Christopher J. Progler, Vice President, Chief Technology Officer dated September 10, 2007+ Â 10-K Â 10.18 Â 12/23/2019 Â Â Â Â Â Â Â Â Â Â Â 10.17 Â Executive Employment Agreement between the Company and Richelle E. Burr dated May 21, 2010+ Â 10-K Â 10.30 1/7/2016 Â Â Â Â Â Â Â Â Â Â Â 10.18 Â Executive Employment Agreement between the Company and John P. Jordan dated September 5, 2017+ Â 10-K Â 10.31 12/20/2017 Â Â Â Â Â Â Â Â Â Â Â 10.19 Â Employment Agreement dated March 9, 2020, between Photronics Dai Nippon Mask Corporation, Photronics and Frank Lee Â 10-Q Â 10.36 3/11/2020 Â Â 10.20 Form of Amendment to Executive Employment Agreement dated March 16, 2012+ 10-K 10.23 12/23/2019 10.21 Fourth Amended and Restated Credit Agreement dated as of September 27, 2018, among Photronics, Inc. the Foreign Subsidiary Borrower Party Thereto, the Lender Party Thereto, JPMorgan Chase Bank, N.A. as Administrative and Collateral Agent and Bank of America, N.A. as syndication agent 10-K 10.24 12/21/2018 10.22 Third Amended and Restated Security Agreement entered into as of September 27, 2018, by and among Photronics, Inc., the subsidiaries of the Company and JPMorgan Chase Bank N.A 10-K 10.25 12/21/2018 10.23 Fixed Asset Loan Agreement between Photronics DNP Mask Corporation Xiamen and Industrial and Commercial Bank China Limited Xiamen Xiangâ€™an Branch 10-K 10.26 12/21/2018 10.24 Working Capital Loan Agreement between Industrial and Commercial Bureau China Limited Xiamen Xiangâ€™an Branch and Photronics DNP Mask Corporation Xiamen effective as of November 7, 2018 10-K 10.27 12/21/2018 10.26 Investment Agreement between Xiamen Torch Hi-Tech Industrial Development Zone Management Committee and Photronics Singapore Pte. Ltd. 10-Q 10.35 9/2/2016 10.27 Amendment No. 1 to the Investment Agreement between Xiamen Torch Hi-Tech Industrial Development Zone Management Committee and Photronics Singapore Pte, Ltd. # 10-K 10.29 12/23/2019 10.28 Amendment No. 2 to the Investment Agreement between Xiamen Torch Hi-Tech Industrial Development Zone, Peopleâ€™s Government of Xiangâ€™an Xiamen, Photronics Singapore Pte. Ltd., DNP Asia Pacific Pte and Xiamen American Japan Photronics Mask Co., Ltd. # 10-Q 10.41 3/10/2022 10.29 Amendment No. 3 to the Investment Agreement between Xiamen Torch Hi-Tech Industrial Development Zone, Peopleâ€™s Government of Xiangâ€™an Xiamen, Photronics Singapore Pte. Ltd., DNP Asia Pacific Pte and Xiamen American Japan Photronics Mask Co., Ltd. # 10-Q 10.42 3/10/2022 78 Table of Contents 10.30 Â Joint Venture Operating Agreement dated May 16, 2017, among Photronics, Photronics Singapore, DNP, and DNP Asia Pacific Â 10-Q/A Â 10.27 Â 12/19/2017 Â Â Â Â Â Â Â Â Â Â Â 10.31 Â Outsourcing Agreement dated May 16, 2017, among Photronics, DNP, Photronics DNP Photomask Corporation (â€œPDMCâ€) and PDMCX Â 10-Q Â 10.28 Â 6/8/2017 Â Â Â Â Â Â Â Â Â Â Â 10.32 Â Amended and Restated License Agreement dated May 16, 2017 between DNP and PDMC# Â 10-Q/A Â 10.29 Â 12/19/2017 Â Â Â Â Â Â Â Â Â Â Â 10.33 Â Investment Cooperation Agreement between Hefei State Hi-tech Industry Development Zone and Photronics UK, Ltd. Â 10-K Â 10.42 Â 12/20/2017 Â Â Â Â Â Â Â Â Â Â Â 10.34 Â Master Lease Agreement dated October 12, 2020, between TD Equipment Finance and the Company Â 10-K Â 10.38 Â 1/15/2021 Â Â Â Â Â Â Â Â Â Â Â 10.35 Â Master Lease Agreement Dated September 5, 2019 between Bank of America and the Company Â 10-Q Â 10.28 Â 9/5/2019 Â Â Â Â Â Â Â Â Â Â Â 10.36 Â Fixed Asset Loan Contract dated October 1, 2020, between Hefei Photronics Mask Corporation and China Construction Bank Corporation Â 10-K Â 10.39 Â 1/15/2021 Â Â Â Â Â Â Â Â Â Â Â 10.37 Â Maximum Mortgage Contract dated October 1, 2020 between Photronics Mask Corporation Hefei and China Construction Bank Corporation Hefei ShushanÂ Branch Â 10-K Â 10.40 Â 1/15/2021 Â Â Â Â Â Â Â Â Â Â Â 10.38 Â Separation Agreement and General Release between Photronics, Inc. and John Jordan dated February 23, 2024 Â 8-K Â 10.1 Â 1/23/2024 Â Â Â Â Â Â Â Â Â Â Â 10.39 Â Separation Agreement, General Release, and Consulting Agreement, dated September 30, 2024 between Photronics Inc, and Richelle Burr Â 8-K Â 10.1 Â 10/4/2024 Â Â Â Â Â Â Â Â Â Â Â 19 Â Insider Trading Policy Â 10-K Â 19 Â 12/26/2023 Â Â Â Â Â Â Â Â Â Â Â 21 Â List of Subsidiaries of the Company Â 10-K Â 21 Â Â XÂ Â Â Â Â Â Â Â Â Â Â 23.1 Â Consent of Deloitte & Touche LLP, Independent Registered Public Accounting Firm Â 10-K Â 23.1 Â Â XÂ Â Â Â Â Â Â Â Â Â Â 31.1 Â Certification of Chief Executive Officer pursuant to Rule 13a-14(a)/15d-14(a) of the Exchange Act, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 Â 10-K Â 31.1 Â Â XÂ Â Â Â Â Â Â Â Â Â Â 31.2 Â Certification of Chief Financial Officer pursuant to Rule 13a-14(a)/15d-14(a) of the Exchange Act, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 Â 10-K Â 32.2 Â Â Â X Â Â Â Â Â Â Â Â Â Â 32.1 Â Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 Â 10-K Â 32.1 Â Â Â XÂ Â Â Â Â Â Â Â Â Â Â 32.2 Â Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 Â 10-K Â 32.2 Â Â Â X 79 Table of Contents 97 Â Compensation Recovery Policy effective October 2, 2023 Â 10-K Â 97 Â 12/26/2023 Â Â 101.INS Â Inline XBRL Instance Document (the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document) Â 10-K Â 101.INS Â Â Â XÂ Â Â Â Â Â Â Â Â Â Â 101.SCH Â Inline XBRL Taxonomy Extension Schema Document Â 10-K Â 101.SCH Â Â Â XÂ Â Â Â Â Â Â Â Â Â Â 101.CAL Â Inline XBRL Taxonomy Extension Calculation Linkbase Document Â 10-K Â 101.CAL Â Â Â XÂ Â Â Â Â Â Â Â Â Â Â 101.DEF Â Inline XBRL Taxonomy Extension Definition Linkbase Document Â 10-K Â 101.DEF Â Â XÂ Â Â Â Â Â Â Â Â Â Â 101.LAB Â Inline XBRL Taxonomy Extension Label Linkbase Document Â 10-K Â 101.LAB Â Â XÂ Â Â Â Â Â Â Â Â Â Â 101.PRE Â Inline XBRL Taxonomy Extension Presentation Linkbase Document Â 10-K Â 101.PRE Â Â XÂ Â Â Â Â Â Â Â Â Â Â 104 Â Cover Page Interactive Data File (formatted as inline XBRL and contained in, Exhibit 101) Â Â Â Â Â Â Â X + Represents a management contract or compensatory plan or arrangement. Â Â # Portions of this exhibit have been omitted pursuant to a request for confidential treatment filed with the Securities and Exchange Commission. The Company will provide a copy of any exhibit upon receipt of a written request for the particular exhibit or exhibits desired. All requests should be addressed to the Companyâ€™s Vice President, General Counsel and Corporate Secretary at the address of the Companyâ€™s principal executive offices. ITEM 16. FORM 10-K SUMMARY Â Â Â Â Â Â Â Not applicable. 80 Table of Contents SIGNATURES Pursuant to the requirements of Section 13 or 15(d) of the Exchange Act, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. Â PHOTRONICS, INC. Â (Registrant) Â Â By /s/ Eric Rivera Â Â Â Eric Rivera Â Â Executive Vice President, Chief Financial Officer (Principal Financial Officer / Principal Accounting Officer) Â December 18, 2024 Â Â Pursuant to the requirements of the Exchange Act, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated. By /s/ Frank Lee Â December 18, 2024 Â Frank Lee Â Â Chief Executive Officer Director (Principal Executive Officer) By /s/ Eric Rivera Â December 18, 2024 Â Eric Rivera Â Â Executive Vice President, Chief Financial Officer (Principal Financial Officer / Principal Accounting Officer) By /s/ Constantine S. Macricostas Â December 18, 2024 Â Constantine S. Macricostas Â Â Chairman of the Board Â By /s/ Walter M. Fiederowicz December 18, 2024 Walter M. Fiederowicz Â Â Director 81 Table of Contents By /s/ Adam Lewis Â December 18, 2024 Â Adam Lewis Â Director By /s/ Daniel Liao Â December 18, 2024 Â Daniel Liao Â Director By /s/ George Macricostas Â December 18, 2024 Â George Macricostas Â Â Â Director By /s/ Mary Paladino Â December 18, 2024 Â Mary Paladino Â Â Â Director By /s/ Mitchell G. Tyson Â December 18, 2024 Mitchell G. Tyson Â Â Director EX-21 2 ef20035608_ex21.htm EXHIBIT 21 Exhibit 21 SUBSIDIARIES OF PHOTRONICS, INC. Â Â State or Jurisdiction of Incorporation or Organization Align-Rite International, Ltd. (United Kingdom) Photronics (Wales) Limited (United Kingdom) Photronics Idaho, Inc. (Idaho, USA) Photronics Texas Allen, Inc. (Texas, USA) Photronics MZD, GmbH (Germany) Photronics Advanced Mask Corporation (Taiwan, R.O.C.) Photronics DNP Mask Corporation (1) (Taiwan, R.O.C.) PDMC Shanghai, Ltd. (Shanghai, P.R.C.) Photronics Singapore Pte, Ltd. (Singapore) Xiamen American Japan Photronics Mask Co., Ltd. (1) (Xiamen, P.R.C.) Photronics UK, Ltd. (United Kingdom) Photronics Mask Corporation Hefei (2) (Hefei, P.R.C.) Photronics Korea, Ltd. (Republic of Korea) Photronics Mask Corporation Hefei (2) (Hefei, P.R.C.) Taichung Photronics Photomask Co., Ltd. (Taiwan, R.O.C.) Note: Entities directly owned by subsidiaries of Photronics, Inc. are indented and listed below their immediate parent. Ownership is 100% unless otherwise indicated. (1) 50.01% owned by Photronics, Inc. and 49.99% owned by Dai Nippon Printing Co., Ltd. (2) 64.00% owned by Photronics UK, Ltd. and 36.00% owned by Photronics Cheonan Co., Ltd. EX-23.1 3 ef20035608_ex23-1.htm EXHIBIT 23.1 Exhibit 23.1 CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM Â We consent to the incorporation by reference in Registration Statement Nos. 333-252486, 333-217676, and 333-276268 on Form S-8 of our report dated December 18, 2024, relating to the consolidated financial statements of Photronics, Inc., and the effectiveness of Photronics, Inc.â€™s internal control over financial reporting appearing in this Annual Report on Form 10-K for the year ended October 31, 2024. Â /s/ Deloitte & Touche LLP Boston, Massachusetts December 18, 2024 EX-31.1 4 ef20035608_ex31-1.htm EXHIBIT 31.1 EXHIBIT 31.1 I, Frank Lee, certify that: 1. I have reviewed this Annual Report on Form 10-K of Photronics, Inc. 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report. 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report. 4. The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â c) evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â d) disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and 5. The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): Â a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and Â b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. /s/ FRANK LEE Â Frank Lee Chief Executive Officer Director (Principal Executive Officer) December 18, 2024 EX-31.2 5 ef20035608_ex31-2.htm EXHIBIT 31.2 EXHIBIT 31.2 I, Eric Rivera, certify that: 1. I have reviewed this Annual Report on Form 10-K of Photronics, Inc. 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report. 3. Based on my

knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report. 4. The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: Â a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â c) evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â d) disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and 5. The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): Â a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and Â b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. /s/Â ERIC RIVERA Â Eric Rivera Executive Vice President, Chief Financial Officer (Principal Financial Officer / Principal AccountingÂ Officer) December 18, 2024 EX-32.1 6 ef20035608_ex32-1.htm EXHIBIT 32.1 EXHIBIT 32.1 Section 1350 Certification of the Chief Executive Officer I, Frank Lee, Chief Executive Officer of Photronics, Inc. (the â€œCompanyâ€), certify, to my knowledge, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. Section 1350, that: (1) The Annual Report on Form 10-K of the Company for the fiscal year ended October 31, 2024 (the â€œReportâ€) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. The foregoing certification is being furnished pursuant to 18 U.S.C. Â§ 1350 and will not be deemed â€œfiledâ€ for purposes of Section 18 of the Exchange Act, or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference. /s/ FRANK LEE Â Frank Lee Chief Executive Officer Director (Principal Executive Officer) December 18, 2024 EX-32.2 7 ef20035608_ex32-2.htm EXHIBIT 32.2 EXHIBIT 32.2 Section 1350 Certification of the Chief Financial Officer I, Eric Rivera, Chief Financial Officer of Photronics, Inc. (the â€œCompanyâ€), certify, to my knowledge, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. Section 1350, that: (1) The Annual Report on Form 10-K of the Company for the fiscal year ended October 31, 2024 (the â€œReportâ€) fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. The foregoing certification is being furnished pursuant to 18 U.S.C. Â§ 1350 and will not be deemed â€œfiledâ€ for purposes of Section 18 of the Exchange Act, or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference. /s/ ERIC RIVERA Â Eric Rivera Executive Vice President, Chief Financial Officer (Principal Financial Officer / Principal AccountingÂ Officer) December 18, 2024 EX-101.SCH 8 plab-20241031.xsd XBRL TAXONOMY EXTENSION SCHEMA 000100 - Document - Document and Entity Information link:presentationLink link:calculationLink link:definitionLink 010000 - Statement - Consolidated Balance Sheets link:presentationLink link:calculationLink link:definitionLink 010100 - Statement - Consolidated Balance Sheets (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 020000 - Statement - Consolidated Statements of Income link:presentationLink link:calculationLink link:definitionLink 030000 - Statement - Consolidated Statements of Comprehensive Income (Loss) link:presentationLink link:calculationLink link:definitionLink 030100 - Statement - Consolidated Statements of Comprehensive Income (Loss) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 040000 - Statement - Consolidated Statements of Equity link:presentationLink link:calculationLink link:definitionLink 050000 - Statement - Consolidated Statements of Cash Flows link:presentationLink link:calculationLink link:definitionLink 060100 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES link:presentationLink link:calculationLink link:definitionLink 060200 - Disclosure - ACCOUNTS RECEIVABLE link:presentationLink link:calculationLink link:definitionLink 060300 - Disclosure - OTHER CURRENT ASSETS link:presentationLink link:calculationLink link:definitionLink 060400 - Disclosure - INVENTORIES link:presentationLink link:calculationLink link:definitionLink 060500 - Disclosure - PROPERTY, PLANT AND EQUIPMENT, NET link:presentationLink link:calculationLink link:definitionLink 060600 - Disclosure - PDMCX JOINT VENTURE link:presentationLink link:calculationLink link:definitionLink 060700 - Disclosure - ACCRUED LIABILITIES link:presentationLink link:calculationLink link:definitionLink 060800 - Disclosure - DEBT link:presentationLink link:calculationLink link:definitionLink 060900 - Disclosure - OTHER LIABILITIES link:presentationLink link:calculationLink link:definitionLink 061000 - Disclosure - REVENUE link:presentationLink link:calculationLink link:definitionLink 061100 - Disclosure - LEASES link:presentationLink link:calculationLink link:definitionLink 061200 - Disclosure - SHARE-BASED COMPENSATION link:presentationLink link:calculationLink link:definitionLink 061300 - Disclosure - EMPLOYEE RETIREMENT PLANS link:presentationLink link:calculationLink link:definitionLink 061400 - Disclosure - INCOME TAXES link:presentationLink link:calculationLink link:definitionLink 061500 - Disclosure - EARNINGS PER SHARE link:presentationLink link:calculationLink link:definitionLink 061600 - Disclosure - COMMITMENTS AND CONTINGENCIES link:presentationLink link:calculationLink link:definitionLink 061700 - Disclosure - CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT link:presentationLink link:calculationLink link:definitionLink 061800 - Disclosure - RISKS AND CONCENTRATIONS link:presentationLink link:calculationLink link:definitionLink 061900 - Disclosure - RELATED PARTY TRANSACTIONS link:presentationLink link:calculationLink link:definitionLink 062000 - Disclosure - FAIR VALUE MEASUREMENTS link:presentationLink link:calculationLink link:definitionLink 062100 - Disclosure - SHARE REPURCHASE PROGRAMS link:presentationLink link:calculationLink link:definitionLink 062200 - Disclosure - INSIDER TRADING ARRANGEMENTS link:presentationLink link:calculationLink link:definitionLink 070100 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Policies) link:presentationLink link:calculationLink link:definitionLink 070600 - Disclosure - PDMCX JOINT VENTURE (Policies) link:presentationLink link:calculationLink link:definitionLink 071000 - Disclosure - REVENUE (Policies) link:presentationLink link:calculationLink link:definitionLink 071200 - Disclosure - SHARE-BASED COMPENSATION (Policies) link:presentationLink link:calculationLink link:definitionLink 071400 - Disclosure - INCOME TAXES (Policies) link:presentationLink link:calculationLink link:definitionLink 072000 - Disclosure - FAIR VALUE MEASUREMENTS (Policies) link:presentationLink link:calculationLink link:definitionLink 080100 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Tables) link:presentationLink link:calculationLink link:definitionLink 080200 - Disclosure - ACCOUNTS RECEIVABLE (Tables) link:presentationLink link:calculationLink link:definitionLink 080300 - Disclosure - OTHER CURRENT ASSETS (Tables) link:presentationLink link:calculationLink link:definitionLink 080400 - Disclosure - INVENTORIES (Tables) link:presentationLink link:calculationLink link:definitionLink 080500 - Disclosure - PROPERTY, PLANT AND EQUIPMENT, NET (Tables) link:presentationLink link:calculationLink link:definitionLink 080600 - Disclosure - PDMCX JOINT VENTURE (Tables) link:presentationLink link:calculationLink link:definitionLink 080700 - Disclosure - ACCRUED LIABILITIES (Tables) link:presentationLink link:calculationLink link:definitionLink 080800 - Disclosure - DEBT (Tables) link:presentationLink link:calculationLink link:definitionLink 080900 - Disclosure - OTHER LIABILITIES (Tables) link:presentationLink link:calculationLink link:definitionLink 081000 - Disclosure - REVENUE (Tables) link:presentationLink link:calculationLink link:definitionLink 081100 - Disclosure - LEASES (Tables) link:presentationLink link:calculationLink link:definitionLink 081200 - Disclosure - SHARE-BASED COMPENSATION (Tables) link:presentationLink link:calculationLink link:definitionLink 081400 - Disclosure - INCOME TAXES (Tables) link:presentationLink link:calculationLink link:definitionLink 081500 - Disclosure - EARNINGS PER SHARE (Tables) link:presentationLink link:calculationLink link:definitionLink 081600 - Disclosure - COMMITMENTS AND CONTINGENCIES (Tables) link:presentationLink link:calculationLink link:definitionLink 081700 - Disclosure - CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT (Tables) link:presentationLink link:calculationLink link:definitionLink 081800 - Disclosure - RISKS AND CONCENTRATIONS (Tables) link:presentationLink link:calculationLink link:definitionLink 082000 - Disclosure - FAIR VALUE MEASUREMENTS (Tables) link:presentationLink link:calculationLink link:definitionLink 082100 - Disclosure - SHARE REPURCHASE PROGRAMS (Tables) link:presentationLink link:calculationLink link:definitionLink 090100 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Business (Details) link:presentationLink link:calculationLink link:definitionLink 090102 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Principles of Consolidation (Details) link:presentationLink link:calculationLink link:definitionLink 090104 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Restricted Cash (Details) link:presentationLink link:calculationLink link:definitionLink 090106 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Investments (Details) link:presentationLink link:calculationLink link:definitionLink 090108 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Property, Plant and Equipment, Net (Details) link:presentationLink link:calculationLink link:definitionLink 090110 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Revenue Recognition (Details) link:presentationLink link:calculationLink link:definitionLink 090112 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Research and Development (Details) link:presentationLink link:calculationLink link:definitionLink 090114 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Government Grants (Details) link:presentationLink link:calculationLink link:definitionLink 090116 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Variable Interest Entities (Details) link:presentationLink link:calculationLink link:definitionLink 090200 - Disclosure - ACCOUNTS RECEIVABLE (Details) link:presentationLink link:calculationLink link:definitionLink 090300 - Disclosure - OTHER CURRENT ASSETS (Details) link:presentationLink link:calculationLink link:definitionLink 090400 - Disclosure - INVENTORIES (Details) link:presentationLink link:calculationLink link:definitionLink 090500 - Disclosure - PROPERTY, PLANT AND EQUIPMENT, NET (Details) link:presentationLink link:calculationLink link:definitionLink 090600 - Disclosure - PDMCX JOINT VENTURE, VIE (Details) link:presentationLink link:calculationLink link:definitionLink 090602 - Disclosure - PDMCX JOINT VENTURE, Carrying Amounts of Assets and Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink 090700 - Disclosure - ACCRUED LIABILITIES (Details) link:presentationLink link:calculationLink link:definitionLink 090800 - Disclosure - DEBT, Long-term Debt (Details) link:presentationLink link:calculationLink link:definitionLink 090802 - Disclosure - DEBT, Finance Leases (Details) link:presentationLink link:calculationLink link:definitionLink 090804 - Disclosure - DEBT, Xiamen Project Loans (Details) link:presentationLink link:calculationLink link:definitionLink 090806 - Disclosure - DEBT, Xiamen Working Capital Loans (Details) link:presentationLink link:calculationLink link:definitionLink 090808 - Disclosure - DEBT, Corporate Credit Agreement (Details) link:presentationLink link:calculationLink link:definitionLink 090812 - Disclosure - DEBT, Interest Paid for Debt (Details) link:presentationLink link:calculationLink link:definitionLink 090900 - Disclosure - OTHER LIABILITIES (Details) link:presentationLink link:calculationLink link:definitionLink 091000 - Disclosure - REVENUE, Disaggregation of Revenue (Details) link:presentationLink link:calculationLink link:definitionLink 091002 - Disclosure - REVENUE, Contract Assets, Liabilities and Accounts Receivable (Details) link:presentationLink link:calculationLink link:definitionLink 091100 - Disclosure - LEASES, Information on Operating and Finance Leases included on Balance Sheet (Details) link:presentationLink link:calculationLink link:definitionLink 091102 - Disclosure - LEASES, Future Lease Payments Under Noncancelable Operating and Finance Leases (Details) link:presentationLink link:calculationLink link:definitionLink 091104 - Disclosure - LEASES, Future Lease Payments Under Noncancelable Operating and Finance Leases (Details) CALC 01 link:presentationLink link:calculationLink link:definitionLink 091104 - Disclosure - LEASES, Lease Cost (Details) link:presentationLink link:calculationLink link:definitionLink 091106 - Disclosure - LEASES, Operating and Finance Leases (Details) link:presentationLink link:calculationLink link:definitionLink 091200 - Disclosure - SHARE-BASED COMPENSATION (Details) link:presentationLink link:calculationLink link:definitionLink 091300 - Disclosure - EMPLOYEE RETIREMENT PLANS (Details) link:presentationLink link:calculationLink link:definitionLink 091400 - Disclosure - INCOME TAXES, Components of Income Taxes (Details) link:presentationLink link:calculationLink link:definitionLink 091402 - Disclosure - INCOME TAXES (Details) CALC 01 link:presentationLink link:calculationLink link:definitionLink 091402 - Disclosure - INCOME TAXES, Unrecognized Tax Benefits and Carryforwards (Details) link:presentationLink link:calculationLink link:definitionLink 091500 - Disclosure - EARNINGS PER SHARE (Details) link:presentationLink link:calculationLink link:definitionLink 091600 - Disclosure - COMMITMENTS AND CONTINGENCIES (Details) link:presentationLink link:calculationLink link:definitionLink 091700 - Disclosure - CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT (Details) link:presentationLink link:calculationLink link:definitionLink 091800 - Disclosure - RISKS AND CONCENTRATIONS (Details) link:presentationLink link:calculationLink link:definitionLink 091900 - Disclosure - RELATED PARTY TRANSACTIONS (Details) link:presentationLink link:calculationLink link:definitionLink 092000 - Disclosure - FAIR VALUE MEASUREMENTS (Details) link:presentationLink link:calculationLink link:definitionLink 092100 - Disclosure - SHARE REPURCHASE PROGRAMS (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 9 plab-20241031_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE EX-101.DEF 10 plab-20241031_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE EX-101.LAB 11 plab-20241031_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE Insider Trading Arrangements [Line Items] Rule 10b5-1 Arrangement Adopted Rule 10b5-1 Arrangement Adopted [Flag] Rule 10b5-1 Arrangement Terminated Rule 10b5-1 Arrangement Terminated [Flag] Non-Rule 10b5-1 Arrangement Adopted Non-Rule 10b5-1 Arrangement Adopted [Flag] Non-Rule 10b5-1 Arrangement Terminated Non-Rule 10b5-1 Arrangement Terminated [Flag] Accounts receivable, net of allowance of $1,126 in 2024 and $1,099 in 2023 Total Accounts receivable Accumulated other comprehensive loss CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT [Abstract] Accumulated depreciation and amortization Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Additional paid-in capital Accounts receivable, allowance Allowance for Credit Losses Amortization of intangible assets Amortization of Intangible Assets Restricted Stock [Member] Share-based Payment Awards [Member] Share-Based Payment Arrangement [Member] Condensed Consolidated Balance Sheets [Abstract] Basic (in dollars per share) Net Income attributable to Photronics shareholders - Basic (in dollars per share) Cash and cash equivalents at end of year Cash and cash equivalents Cash and Cash Equivalents Cash and Cash Equivalents, Policy [Policy Text Block] Restricted Cash Cash and Cash Equivalents, Restricted Cash and Cash Equivalents, Policy [Policy Text Block] Interest payments Accounts receivable Increase (Decrease) in Accounts Receivable Inventories Increase (Decrease) in Inventories Changes in assets, liabilities, and other: Increase (Decrease) in Operating Capital [Abstract] COMMITMENTS AND CONTINGENCIES Commitments and Contingencies Disclosure [Text Block] Common stock, shares authorized (in shares) Common stock, shares issued (in shares) Common stock, shares outstanding (in shares) Common stock, $0.01 par value, 150,000 shares authorized, 61,949 shares issued and outstanding at October 31, 2024, and 61,310 shares issued and outstanding at October 31, 2023 Common Stock, Value, Issued Current [Abstract] Deferred [Abstract] Classification [Abstract] Income Tax Provision [Abstract] Comprehensive income (loss) attributable to Photronics, Inc. shareholders Comprehensive Income (Loss), Net of Tax, Attributable to Parent RISKS AND CONCENTRATIONS Concentration Risk Disclosure [Text Block] Concentration Risk Type [Axis] Concentration Risk [Line Items] Concentration Risk Type [Domain] Variable Interest Entities Consolidation, Variable Interest Entity, Policy [Policy Text Block] Cost of goods sold Cost of Goods and Services Sold Depreciation and amortization expense Depreciation Expense [Abstract] Federal Foreign Current income tax provision Current Income Tax Expense (Benefit) Total current liabilities Current liabilities Current liabilities: Current portion of long-term debt Long-Term Debt and Lease Obligation, Current State Customer Concentration Risk [Member] Long-term debt Long-term debt Long-Term Debt and Lease Obligation DEBT Debt Disclosure [Text Block] Periodic payment frequency Debt Instrument, Name [Domain] Periodic payment amount Debt Instrument, Payment Terms Finance lease monthly payments Debt Instrument, Periodic Payment Debt Instruments [Abstract] Debt Instrument [Axis] Debt Instrument [Line Items] Schedule of Long-term Debt Instruments [Table] Post employment benefit Federal Deferred Federal Income Tax Expense (Benefit) Foreign Deferred Foreign Income Tax Expense (Benefit) Deferred income taxes Deferred income tax provision Deferred income taxes liabilities Deferred Tax Liabilities, Gross State Deferred State and Local Income Tax Expense (Benefit) Deferred tax assets Deferred Tax Assets, Gross Research intangibles Net deferred income tax assets Deferred Tax Assets, Net Deferred tax assets net of valuation allowance Deferred Tax Assets, Net of Valuation Allowance Net operating losses Operating Loss Carryforward [Abstract] Deferred Tax Assets, Operating Loss Carryforwards, Components [Abstract] Tax credit carryforwards Share-based compensation Deferred Tax Assets,

Tax Deferred Expense, Compensation and Benefits, Share-Based Compensation Cost Reserves not currently deductible Deferred Tax Assets, Tax Deferred Expense, Reserves and Accruals, Reserves Valuation allowances Deferred Tax Assets, Valuation Allowance Deferred Income Tax Liabilities [Abstract] Other Deferred Tax Liabilities, Other Company's contribution to defined contribution retirement plans Defined Contribution Plan, Cost Diluted (in dollars per share) Net Income attributable to Photronics shareholders - Diluted (in dollars per share) Earnings Per Share, Diluted Principles of Consolidation Consolidation, Policy [Policy Text Block] United States Foreign Income (Loss) from Continuing Operations before Income Taxes, Foreign Photronics effective tax rates U.S. statutory tax rates Expense incurred Employee Stock Purchase Plan [Member] Share-based compensation Federal [Member] Translation of Foreign Currency Financial Statements Foreign [Member] Furniture, Fixtures and Office Equipment [Member] Furniture, Fixtures and Office Equipment [Member] Other operating expense Gain (Loss) on Disposition of Property Plant Equipment Gross profit Gross Profit Impairment of Long-Lived Assets Consolidated Statements of Income [Abstract] Income Tax Uncertainties [Abstract] Interest and Penalties Related to Uncertain Tax Positions INCOME TAXES Income Tax Disclosure [Text Block] Interest and penalties Accrued interest and penalties related to uncertain tax positions Income Taxes Income Tax Provision Reconciliation [Abstract] Income Tax Expense (Benefit), Effective Income Tax Rate Reconciliation, Amount [Abstract] Foreign rate differential U.S. federal income tax at statutory rate Other, net Uncertain tax positions, including reserves, settlements and resolutions Tax credits Effective Income Tax Rate Reconciliation, Tax Credit, Amount Income Tax Payments and Refunds [Abstract] Income tax refunds received Share-based payment awards (in shares) Finished goods Inventories Inventories Inventory, Net Work in process Inventories Inventory, Policy [Policy Text Block] Federal 48D credit [Member] Investment Tax Credit Carryforward [Member] Investments INVESTMENTS [Abstract] Land [Member] Leasehold Improvements [Member] Total liabilities Liabilities Total liabilities and equity Liabilities and Equity LIABILITIES AND EQUITY Liabilities and Equity [Abstract] Current borrowing capacity Maximum borrowing capacity Next 12 months Long-Term Debt, Maturity, Year One Months 49 - 60 Months 37 - 48 Long-Term Debt, Maturity, Year Four Months 25 - 36 Long-Term Debt, Maturity, Year Three Months 13 - 24 Long-Term Debt, Maturity, Year Two Machinery and Equipment [Member] Machinery and Equipment [Member] Noncontrolling interests Money Market Funds [Member] Net cash used in financing activities Net Cash Provided by (Used in) Financing Activities Cash flows used in financing activities: Net cash used in investing activities Net Cash Provided by (Used in) Investing Activities Cash flows used in investing activities: Net cash provided by operating activities Net Cash Provided by (Used in) Operating Activities Cash flows from operating activities: Net income attributable to Photronics, Inc. shareholders Net income attributable to Photronics, Inc. shareholders Non-operating income (expense): Noncurrent assets Noncurrent liabilities Operating loss carryforwards amount Operating income Operating Income (Loss) Other comprehensive income (loss), net of tax of $0: Other Comprehensive Income (Loss), Net of Tax [Abstract] Other comprehensive income (loss), tax Other comprehensive (loss) income, tax Other current assets Total other current assets Other Assets, Current Other Payments for (Proceeds from) Other Investing Activities Interest income and other income, net Other Nonoperating Income (Expense) EMPLOYEE RETIREMENT PLANS Retirement Benefits [Text Block] Preferred stock, shares authorized (in shares) Preferred stock, shares issued (in shares) Preferred stock, shares outstanding (in shares) Preferred stock, par value (in dollars per share) Prepaid expenses Prepaid Expense, Current Contributions from noncontrolling interests Cash received from options exercises Property, plant and equipment, gross Property, plant and equipment, net Property, plant and equipment, net Property, Plant and Equipment, Net PROPERTY, PLANT, AND EQUIPMENT, NET [Abstract] Property, Plant and Equipment [Abstract] Property, Plant and Equipment, Net Property, Plant and Equipment, Policy [Policy Text Block] Purchases of intangible assets Payments to Acquire Intangible Assets Purchases of property, plant and equipment Payments to Acquire Property, Plant, and Equipment Purchases of short-term investments Payments to Acquire Short-Term Investments ACCOUNTS RECEIVABLE Loans, Notes, Trade and Other Receivables Disclosure [Text Block] Unrecognized Tax Benefits [Abstract] Related Party Transaction [Line Items] RELATED PARTY TRANSACTIONS Related Party Transactions Disclosure [Text Block] Schedule of Related Party Transactions, by Related Party [Table] Repayments of long-term debt Repayments of Long-Term Debt Purchases of treasury stock Payments for Repurchase of Common Stock Research and Development Federal Research and Development [Member] Research Tax Credit Carryforward [Member] Retained earnings Revenue Recognition INVENTORIES Share-based Compensation Expenses Property, Plant and Equipment, Net Property, Plant and Equipment [Table Text Block] Concentration of Risk Factor Selling, general and administrative Share-based Compensation [Abstract] Share-Based Payment Arrangement, Disclosure [Abstract] Cancelled (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Granted (in shares) Granted (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Outstanding at end of period (in shares) Outstanding at beginning of period (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Outstanding at end of period (in dollars per share) Outstanding at beginning of period (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Unrecognized compensation cost Vested (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period Fair value of awards for which restrictions lapsed Vested (in dollars per share) Maximum number of shares of common stock that may be issued (in shares) Total intrinsic value of options exercised Outstanding at end of period Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Outstanding at end of period (in shares) Outstanding at beginning of period (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Outstanding at beginning of period (in dollars per share) Outstanding at end of period (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Exercisable at end of period (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Number Exercisable at end of period (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Exercise Price Equity Award [Domain] Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Short-term investments SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES Significant Accounting Policies [Text Block] State [Member] State and Local Jurisdiction [Member] Condensed Consolidated Statements of Cash Flows [Abstract] Consolidated Statements of Comprehensive Income (Loss) [Abstract] Consolidated Statements of Equity [Abstract] Share-Based Compensation Share-Based Payment Arrangement [Policy Text Block] Supplemental disclosure of non-cash information: Tax credit carryforward amount Tax Credit Carryforward, Amount Tax Credit Carryforward, Name [Domain] Tax Credit Carryforward [Axis] Income taxes paid Time Deposits [Member] Bank Time Deposits [Member] Total current assets Current assets Current assets: Research and Development Expense [Abstract] Accounts Receivable Accounts Receivable, before Allowance for Credit Loss, Current SHARE REPURCHASE PROGRAMS [Abstract] Average price paid per share (in dollars per share) Retirement of treasury stock (in shares) Number of shares repurchased (in shares) Treasury Stock, Shares, Retired U.S. Government Securities [Member] Balance at beginning of year before interest and penalties Balance at end of year before interest and penalties Unrecognized Tax Benefits Lapses of statutes of limitations Unrecognized Tax Benefits, Reduction Resulting from Lapse of Applicable Statute of Limitations Reductions of tax positions in prior years Settlements Unrecognized Tax Benefits, Decrease Resulting from Settlements with Taxing Authorities Additions based on current year tax positions Additions of tax positions in prior years Unrecognized Tax Benefits, Increase Resulting from Prior Period Tax Positions Unrecognized tax benefits that, if recognized, would impact the effective tax rate Unrecognized Tax Benefits that Would Impact Effective Tax Rate Unremitted Earnings in Foreign Investment Carrying Amounts and Exposure to Loss Related to Assets and Liabilities Variable Interest Entity [Table] Variable Interest Entity [Line Items] DNP [Member] Photronics Interest [Member] Photronics Interest [Member] Variable Interest Entity, Primary Beneficiary [Member] Ownership percentage Diluted (in shares) Weighted-average common shares-Diluted (in shares) Potentially dilutive common shares (in shares) Weighted Average Number of Shares Outstanding, Diluted, Adjustment Basic (in shares) Common Stock [Member] Construction in Progress [Member] PROPERTY, PLANT AND EQUIPMENT, NET Property, Plant and Equipment Disclosure [Text Block] Long-Lived Tangible Asset [Domain] Buildings and Improvements [Member] Buildings and Improvements [Member] Research and development Research and development expenses Research and Development Expense Carrying Value Total assets Assets ACCOUNTS RECEIVABLE [Abstract] Other liabilities Other liabilities Other Liabilities, Noncurrent Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Domain] Geographical Areas [Abstract] Income Tax Authority [Domain] Financial Instruments [Domain] SHARE-BASED COMPENSATION Share-Based Payment Arrangement [Text Block] Statement [Table] Antidilutive Securities, Name [Domain] ASSETS Assets [Abstract] Statement [Line Items] Assets Measured at Fair Value on Recurring Basis Operating Loss Carryforwards [Table] Tax Credit Carryforwards Summary of Tax Credit Carryforwards [Table Text Block] Operating Loss Carryforwards [Line Items] Operating Loss Carryforwards Summary of Operating Loss Carryforwards [Table Text Block] Level 1 [Member] Level 2 [Member] Level 3 [Member] RISKS AND CONCENTRATIONS [Abstract] FAIR VALUE MEASUREMENTS Fair Value Disclosures [Text Block] Long-term debt [Abstract] Long-Term Debt, Fiscal Year Maturity [Abstract] Net Deferred Income Tax Assets [Abstract] Property, plant and equipment [Abstract] Property, Plant and Equipment, Net, by Type [Abstract] Shares Repurchase Programs Class of Treasury Stock [Table] Equity, Class of Treasury Stock [Line Items] Other assets Other Assets, Noncurrent Operating expenses: Total operating expenses Operating Expenses Calculation of Basic and Diluted Earnings Per Share [Abstract] Earnings Per Share Reconciliation [Abstract] Total potentially dilutive shares excluded (in shares) Antidilutive Securities [Axis] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Earnings per share: EARNINGS PER SHARE [Abstract] Outstanding Securities Excluded from Calculation of Diluted Earnings or Loss Per Share Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block] Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table] Earnings Per Share Debt Securities, Available-for-Sale [Line Items] Property, Plant and Equipment [Table] Common stock, par value (in dollars per share) Property, Plant and Equipment, Type [Axis] Property, Plant and Equipment [Line Items] Cash limit for dividends, distributions and redemption on equity Total Photronics, Inc. shareholders' equity Ending Balance Beginning Balance Equity, Attributable to Parent Changes in valuation allowance Income tax provision Income tax provision, Total Income Tax Expense (Benefit) Foreign currency transactions impacts, net Preferred stock, $0.01 par value, 2,000 shares authorized, none issued and outstanding Accounts Receivable [Member] Equity Components [Axis] Additional Paid-in Capital [Member] Retained Earnings [Member] Retained Earnings [Member] Accumulated Other Comprehensive Income (Loss) [Member] Accumulated Other Comprehensive Income (Loss) [Member] Foreign Currency Translation Adjustments [Member] Accumulated Foreign Currency Adjustment Attributable to Parent [Member] Equity Component [Domain] Accruals for property, plant and equipment not yet paid Capital Expenditures Incurred but Not yet Paid Stock Options [Member] Employee Stock Option [Member] Cancellations, forfeitures, and adjustments (in dollars per share) Shares issued under equity plans Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Shares issued under equity plans (in shares) Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture Exercised (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period Purchases of treasury stock (in shares) Number of additional shares repurchased (in shares) Treasury Stock, Shares, Acquired Raw materials OTHER LIABILITIES Effect of dilutive securities Purchases of treasury stock Cost of shares repurchased Treasury Stock, Value, Acquired, Cost Method Shares [Roll Forward] Options Exercised [Abstract] Stock Options [Abstract] Shares [Roll Forward] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number of Shares [Roll Forward] Restricted Stock, additional disclosures [Abstract] Expected to vest (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Exercise Price Expected to vest Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value Expected to vest (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Number Effect of Dilutive Securities [Abstract] Weighted Average Number of Shares Outstanding, Diluted, Adjustment [Abstract] EARNINGS PER SHARE Earnings Per Share [Text Block] Net income Net income Net income attributable to noncontrolling interests Net Income (Loss) Attributable to Noncontrolling Interest Weighted-average number of common shares outstanding: Weighted-average common shares outstanding [Abstract] Income taxes Accrued Income Taxes, Current Tax payable Depreciation and amortization of property, plant and equipment Depreciation, Depletion and Amortization Accounts Receivable Schedule of Accounts, Notes, Loans and Financing Receivable [Table Text Block] Comprehensive income Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest Less: comprehensive income attributable to noncontrolling interests Equity: Total equity Balance Balance Equity, Including Portion Attributable to Noncontrolling Interest Non-controlling Interests [Member] Noncontrolling Interest [Member] Recoverable value added taxes Value Added Tax Receivable, Current LEASES [Abstract] Commitments and contingencies (Note 16) Adjustments to reconcile net income to net cash provided by operating activities: Accrued Liabilities [Member] Accrued Liabilities [Member] Accounts payable Value added and other taxes Accrual for Taxes Other than Income Taxes, Current Accrued liabilities Accrued liabilities Accrued Liabilities, Current Telecommunications and utilities Compensation related expenses Employee-related Liabilities, Current Other Other Accrued Liabilities, Current ACCRUED LIABILITIES [Abstract] Other comprehensive income (loss) attributable to noncontrolling interests Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Noncontrolling Interest Share-based compensation expense APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Proceeds from share-based arrangements Income before income tax provision Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest OTHER CURRENT ASSETS [Abstract] Earnings used for diluted earnings per share Net Income (Loss) Attributable to Parent, Diluted Assets, fair value disclosure Long-lived Assets Long-Lived Assets Schedule of Revenues from External Customers and Long-Lived Assets [Table] Other Other Assets, Miscellaneous, Current Other Measurement Frequency [Domain] Fair Value Hierarchy and NAV [Domain] Fair Value, Recurring [Member] Net Income (Loss) from Operations [Abstract] Retirement of treasury stock Treasury Stock, Retired, Cost Method, Amount Share Repurchase Program [Abstract] Accounts payable, accrued liabilities and other Increase (Decrease) in Accounts Payable and Other Operating Liabilities Unbilled Receivable Unbilled Receivables, Current Basis of Presentation PDMCX JOINT VENTURE [Abstract] Balance (in shares) Balance (in shares) Shares, Outstanding ACCRUED LIABILITIES Accounts Payable, Accrued Liabilities, and Other Liabilities Disclosure, Current [Text Block] Repayments of debt Repayments of Debt and Lease Obligation Fair Value Hierarchy and NAV [Axis] Measurement Frequency [Axis] Net Deferred Income Tax Assets Income Tax Provision Income Tax Rate Reconciliation Income Before Income Tax Provision for Domestic and Foreign Inventories Schedule of Inventory, Current [Table Text Block] COMMITMENTS AND CONTINGENCIES [Abstract] INCOME TAXES [Abstract] FAIR VALUE MEASUREMENTS [Abstract] INVENTORIES [Abstract] DEBT [Abstract] Amortized cost Debt Securities, Available-for-Sale, Amortized Cost OTHER LIABILITIES [Abstract] EMPLOYEE RETIREMENT PLANS [Abstract] Restricted Stock Awards Activity Additional Information on Restricted Stock Awards Additional Information on Stock Option Awards Stock Options Activity SHARE REPURCHASE PROGRAMS Treasury Stock [Text Block] CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT Other Comprehensive Income, Noncontrolling Interest [Text Block] SHARE-BASED COMPENSATION [Abstract] Estimates and Assumptions Changes in Accumulated Other Comprehensive (Loss) Income by Component Long-term Debt Schedule of Debt [Table Text Block] Fair Value, Assets [Abstract] Assets, Fair Value Disclosure [Abstract] Research and Development [Member] Proceeds from maturities of short-term investments SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES [Abstract] RELATED PARTY TRANSACTIONS [Abstract] Total debt Amount outstanding Interest Paid [Abstract] Interest Paid, Including Capitalized Interest, Operating and Investing Activities [Abstract] Other current assets Increase (Decrease) in Other Current Assets Income Tax Authority [Axis] Granted (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Calculation of Basic and Diluted Earnings Per Share Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Cash and Cash Equivalents [Domain] Exercisable at end of period Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Intrinsic Value Revenue Recognition [Abstract] Maximum percentage of employees' gross pay that Company will match Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay OTHER CURRENT ASSETS Other Current Assets [Text Block] Other Current Assets Schedule of Other Current Assets [Table Text Block] Weighted-Average Fair Value at Grant Date [Abstract] Cancelled (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Deferred Income Tax Assets [Abstract] Compensation cost not yet recognized Share-Based Payment Arrangement, Nonvested Award, Option, Cost Not yet Recognized, Amount Compensation cost not yet recognized Financial Instrument [Axis] Weighted-Average Exercise Price [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract] Granted (in dollars per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Grants in Period, Weighted Average Exercise Price Exercised (in dollars per share) Estimated Expenses Not Yet Incurred [Abstract] Statement of Financial Position Location, Balance [Axis] 2026 Contractual Obligation, to be Paid, Year Two 2027 Contractual Obligation, to be Paid, Year Three 2028 Contractual Obligation, to be Paid, Year Four 2029 Contractual Obligation, to be Paid, Year Five Thereafter Contractual Obligation, to be Paid, after Year Five Total Contractual Obligation Award Type [Axis] Cash and

Cash Equivalents [Axis] Statement of Income Location, Balance [Axis] Statement of Income Location, Balance [Domain] Additional shares available for issuance (in shares) Recent Accounting Pronouncements New Accounting Pronouncements, Policy [Policy Text Block] Property, plant and equipment Deferred Tax Assets, Property, Plant and Equipment Estimated useful lives Property, Plant and Equipment, Useful Life Outstanding at end of period Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term Exercisable at end of period Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Remaining Contractual Term Unrecognized Commitments [Abstract] Award vesting period Weighted-average amortization period (in years) Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Expiration date Percent of market price that participants pay for shares subscribed Share-Based Compensation Arrangement by Share-Based Payment Award, Purchase Price of Common Stock, Percent Other Current Assets [Member] Selling, General and Administrative [Member] Expiration period Tax Credit Carryforward, Expiration Date 2025 Contractual Obligation, to be Paid, Year One Reconciliation of Beginning and Ending Amounts of Unrecognized Tax Benefits Customer's percentage of net accounts receivable/revenue Loan collateral (carrying amount) Foreign currency translation adjustments Other comprehensive income (loss) Net other comprehensive income (loss) Fair Value Financial Instruments Fair Value Measurement, Policy [Policy Text Block] Statement of Financial Position Location, Balance [Domain] Other Liabilities [Member] Cost of Goods Sold [Member] Net assets Net Assets Net Assets Net income from PDMCX Variable Interest Entity, Measure of Activity, Operating Income or Loss Percentage of salary that can be contributed by the employee Defined Contribution Plan, Maximum Annual Contributions Per Employee, Percent Contribution from noncontrolling interest Noncontrolling Interest, Increase from Subsidiary Equity Issuance Expiration periods Revenue [Member] Long-Lived Assets by Geographic Area Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Table] Impairment loss on accounts receivable Contractual term Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period Accrued Liabilities Other Current Liabilities [Table Text Block] Term of loan Debt Instrument, Term Maximum percentage of employees' contributions that Company will match Defined Contribution Plan, Employer Matching Contribution, Percent of Match Early buyout option to purchase tool Debt Instrument, Periodic Payment Terms, Balloon Payment to be Paid Changes in Accumulated Other Comprehensive Income [Roll Forward] AOCI Including Portion Attributable to Noncontrolling Interest, Net of Tax [Roll Forward] Other comprehensive income (loss) Other Comprehensive Income (Loss), before Reclassifications, Net of Tax Other Liabilities Other Liabilities [Table Text Block] Unrealized losses Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Loss, before Tax Unrealized gains PDMCX JOINT VENTURE Variable Interest Entity Disclosure [Text Block] Amount remaining under authorization for purchase of additional shares Share Repurchase Program, Remaining Authorized, Amount Available-for-sale [Abstract] Deferred income tax assets Deferred income taxes AOCI Including Portion Attributable to Noncontrolling Interest [Member] Foreign Currency Translation Adjustments [Member] AOCI Attributable to Noncontrolling Interest [Member] Foreign Currency Translation Adjustments [Member] Accumulated Foreign Currency Adjustment Attributable to Noncontrolling Interest [Member] Other liabilities Deferred Income Tax Liabilities, Net Uncertain tax positions that may be resolved over next twelve months Treasury Stock [Member] Treasury Stock, Common [Member] Lease, Cost [Abstract] Operating lease costs Short-term lease costs Variable lease costs Future Lease Payments Under Noncancelable Finance Leases [Abstract] Disaggregation of Revenue [Abstract] Disaggregation of Revenue Disaggregation of Revenue [Table] Over Time [Member] Disaggregation of Revenue [Line Items] Timing of Transfer of Good or Service [Axis] Timing of Transfer of Good or Service [Domain] Change in Contract with Customer, Liability [Abstract] Revenue recognized from beginning liability Contract with Customer, Liability, Revenue Recognized Contract assets Contract assets Contract with Customer, Asset, after Allowance for Credit Loss, Current REVENUE [Abstract] REVENUE Revenue from Contract with Customer [Text Block] Contract with Customer, Asset and Liability [Abstract] Contract with Customer, Asset and Liability [Abstract] Impairment loss on contract assets Capitalized Contract Cost, Impairment Loss Revenue, Performance Obligation [Abstract] Operating and Finance Leases included in Consolidated Balance Sheets [Abstract] Assets and Liabilities, Lessee [Abstract] Contract liabilities Contract with Customer, Liability, Current Contract liabilities Contract with Customer, Liability, Noncurrent Contract liabilities Finance lease, right-of-use asset, net ROU Assets - Finance Leases Finance Lease, Right-of-Use Asset, after Accumulated Amortization ROU Assets - Operating Leases Operating Lease, Right-of-Use Asset Future Lease Payments Under Noncancelable Operating Leases [Abstract] Lessee, Operating Lease, Liability, to be Paid, Fiscal Year Maturity [Abstract] Revenue Revenue At a Point in Time [Member] Restricted Cash [Abstract] Restricted Cash [Abstract] Less: Ending restricted cash Restricted cash Restricted Cash Effects of exchange rate changes on cash, cash equivalents, and restricted cash Net increase in cash, cash equivalents, and restricted cash Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Cash, cash equivalents, and restricted cash at end of year Cash, cash equivalents, and restricted cash at beginning of year Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Operating cash flows used for operating leases Financing cash flows used for finance leases ROU assets obtained in exchange for operating lease obligations Weighted-average interest rate Finance leases, Weighted-average discount rate Operating leases, Weighted-average discount rate Operating Lease, Weighted Average Discount Rate, Percent Total lease payments Lessee, Operating Lease, Liability, to be Paid 2025 Lessee, Operating Lease, Liability, to be Paid, Year One Income tax benefits of share-based compensation 2028 2027 Lessee, Operating Lease, Liability, to be Paid, Year Three 2026 Lessee, Operating Lease, Liability, to be Paid, Year Two Amortization of ROU assets Finance lease amount Finance lease liabilities Lease Liabilities - Finance Leases Finance Lease Liability, Current Imputed interest Finance Lease, Liability, Undiscounted Excess Amount Finance Lease Liability, Noncurrent Total lease payments Finance Lease, Liability, to be Paid 2025 Finance Lease, Liability, to be Paid, Year One 2028 Finance Lease, Liability, to be Paid, Year Four 2027 Finance Lease, Liability, to be Paid, Year Three 2026 Finance Lease, Liability, to be Paid, Year Two Interest on finance lease Operating cash flows used for finance leases Operating lease liabilities Lease Liabilities - Operating Leases Operating Lease, Liability Operating Lease Liability - Current Imputed interest Lessee, Operating Lease, Liability, Undiscounted Excess Amount Operating Lease Liability, Noncurrent Operating lease Contract Balances Finance Lease, Liability, Current, Statement of Financial Position [Extensible List] Finance Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List] Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List] Operating Lease, Liability, Current, Statement of Financial Position [Extensible List] Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List] Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List] Lease Costs Leases Lessee, Leases [Policy Text Block] LEASES Lessee, Operating Leases [Text Block] Finance leases, Weighted-average remaining lease term Finance lease contract term Operating leases, Weighted-average remaining lease term Available-for-Sale Debt Securities and Time Deposits Revenue Revenue from Contract with Customer [Policy Text Block] Debt Securities, Available-for-Sale [Table] Accounts Receivable, Unbilled Receivables and Allowance for Credit Losses Finance Lease Liability [Abstract] Operating Lease Liability [Abstract] Lease Contractual Term [Axis] Lease Contractual Term [Domain] Finance lease, right-of-use asset, gross Finance lease, Right-of-use asset [Abstract] Finance Lease, Right-of-Use Asset, after Accumulated Amortization [Abstract] Accumulated amortization Finance Lease, Right-of-Use Asset, Accumulated Amortization Title and Position [Domain] Customer [Domain] Executive [Member] Geographical [Domain] Geographical [Axis] Customer [Axis] Statistical Measurement [Axis] Statistical Measurement [Domain] Maximum [Member] Minimum [Member] Share Repurchase Program [Axis] Share Repurchase Program [Domain] Net Income Recorded from Operations Unrecognized Commitments Title and Position [Axis] Europe [Member] Stock repurchase program - expiration and termination date Share Repurchase Program, Expiration Date Stock repurchased authorized amount Consolidated Entities [Axis] Consolidated Entities [Domain] Products and Services [Domain] Products and Services [Axis] China [Member] China [Member] Korea [Member] Korea [Member] Taiwan [Member] Taiwan [Member] United States [Member] Cover [Abstract] Document Type Document Annual Report Document Transition Report Document Financial Statement Error Correction [Flag] Entity Interactive Data Current Amendment Flag ICFR Auditor Attestation Flag Document Fiscal Year Focus Document Fiscal Period Focus Document Period End Date Entity Registrant Name Entity Central Index Key Entity File Number Entity Tax Identification Number Entity Incorporation, State or Country Code Current Fiscal Year End Date Entity Well-known Seasoned Issuer Entity Voluntary Filers Entity Current Reporting Status Entity Shell Company Entity Filer Category Entity Small Business Entity Emerging Growth Company Entity Public Float Entity Address, Address Line One Entity Address, City or Town Entity Address, State or Province Entity Address, Postal Zip Code City Area Code Local Phone Number Title of 12(b) Security Trading Symbol Security Exchange Name Entity Common Stock, Shares Outstanding Auditor Name Auditor Firm ID Auditor Location Amount of cash outflow from the net settlement of restricted stock awards. Net Settlements of Restricted Stock Awards Net settlements of restricted stock awards The cash inflow from government incentives during the period. Proceeds From Government Incentives Government incentives Future cash inflow expected from refundable federal investment tax credit. Expected Refundable Federal Investment Tax Credit Expected refundable federal investment tax credit Represents one of the geographical areas where entity's activities take place. Other [Member] Other [Member] Represents one of the products of the entity. Flat Panel Displays [Member] FPD [Member] Represents the classification of products by performance. High-end Flat Panel Displays [Member] High-end [Member] Represents the classification of products by performance. Mainstream Flat Panel Displays [Member] Mainstream [Member] Represents one of the products of the entity. Integrated Circuits [Member] IC [Member] Represents the classification of products by performance. High-end Integrated Circuits [Member] High-end [Member] Represents the classification of products by performance. Mainstream Integrated Circuits [Member] Mainstream [Member] Committed balance outstanding for cross default provision for any agreement or instrument. Outstanding Committed Balance for Cross Default Provision Outstanding committed balance for cross default provision The obligation for lease payments from finance lease. Finance Lease [Member] Finance Leases [Member] Refers to the $7.2 million finance lease. 7.2 Million Finance Lease [Member] $7.2 Million Finance Lease [Member] Refers to the $35.5 million finance lease. 35.5 Million Finance Lease [Member] $35.5 Million Finance Lease [Member] Finance lease monthly payments. Monthly [Member] Monthly [Member] Finance lease monthly payments for the following thirty six months period. Followed by Thirty Six Months [Member] Forty Eight Months [Member] Finance lease monthly payment for three months period. First Three Months [Member] First Three Months [Member] Finance lease monthly payments for the following nine months period. Following Nine Months [Member] Following Nine Months [Member] The term of the product invoiced for payment settlement, in PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Product Invoice Term Product invoice term Amount represents interest and debt expense, net of subsidies received. Interest Expense Net of Subsidies Interest expense, net of subsidies Represents the minimum age of employees to come under retirement plan. Minimum age of employees to come under retirement plan Minimum age of employees to come under retirement plan Represents the number of months of service completed to come under retirement plans. Number of months of service completed Number of months of service completed to come under retirement plan Tabular disclosure of unrecognized tax benefits. Schedule Of Unrecognized Tax Benefits [Table Text Block] Unrecognized Tax Benefits Tabular disclosure of income taxes paid and refunds. Schedule of Income Taxes Paid and Refunds [Table Text Block] Income Tax Payments and Refunds Net of tax amount of the appreciation (loss) for other adjustments. Other Comprehensive Income (Loss), Other Adjustments, Net of Tax Other Shares repurchased as part of a share repurchase program. Share Repurchase Programs [Member] The September 2020 announced program. September 2020 Announced Program [Member] Date when authorized share repurchase program commenced, in CCYY-MM-DD format. Stock Repurchase Program Commencement Date Stock repurchase program - commencement date The amount of prepaid and refundable income taxes classified as current. Prepaid and Refundable Income Taxes Prepaid and refundable income taxes The receivable amount of federal investment tax credits refund expected to be realized or consumed within one year or operating cycle, if longer. Federal Investment Tax Credits Refund Receivable, Current Expected tax credits receivable Variable Interest Entity, Consolidated, Carrying Amount, Assets, Liabilities [Abstract] Carrying amounts of assets and liabilities [Abstract] The joint venture. PDMCX [Member] Carrying Amount [Member] The joint venture. Photronics and DNP [Member] Variable Interest Entity [Abstract] Variable Interest Entities [Abstract] Refers to minimum number of business days for obtaining required approvals and clearance for exiting party from the agreement, in PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Number of Business Days for Obtaining Required Approvals and Clearance for Exiting Party Number of business days for obtaining required approvals and clearance for exiting party Number of consecutive months an investor's ownership can be below 20% before an option to put or purchase the investor's ownership interest may be exercised, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Number of Consecutive Months Ownership Interest may Fall Below Twenty Percent For Put or Purchase Options to be Exercised Period before put or purchase option can be exercised Tabular disclosure of depreciation expense including the amortization of right of use assets. Depreciation and Amortization Expense [Table Text Block] Depreciation Expense Tabular disclosure of right-of-use assets resulting from finance leases. Finance Lease Right of use Assets [Table Text Block] Information on ROU Assets from Finance Leases Related Party Agreement [Abstract] Related Party Agreement [Abstract] Represents a major customer of the Company. Major customer 1 [Member] Customer One [Member] Carrying value as of the balance sheet date of the obligations incurred through that date and payable for contracted services provided. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). Accrued Services Contracted, Current Service Contracts Amount of expenses incurred, but not yet billed, for operating leases, due within one year or the normal operating cycle, if longer. Accrued Operating Leases, Current Operating leases Amount of expenses incurred, but not yet billed, for property, plant and equipment, due within one year or the normal operating cycle, if longer. Accrued Property, Plant, and Equipment, Current Property, plant, and equipment Disclosure of accounting policy for consolidation to describe the significant judgments and assumptions made in determining whether a variable interest held by the entity requires the variable interest entity to be consolidated and (or) disclose information about its involvement with the variable interest entity; the methodology used by the entity for determining whether or not it is the primary beneficiary of the variable interest entity; and the significant factors considered and judgments made in determining that the power to direct the activities that significantly impact the economic performance of the variable interest entity are shared (as defined). Consolidation, Joint Venture Variable Interest Entity, Policy [Policy Text Block] Variable Interest Entities The cumulative number of shares that have been issued since the inception of the Company's employee stock purchase plan. Share Based Compensation Arrangement By Share Based Payment Award Equity Instruments Other Than Options Cumulative Shares Issued Total shares issued since inception (in shares) The number as of the balance sheet date of outstanding restricted stock awards that are expected to vest. Share based Compensation Arrangement by Share based Payment Award, Equity Instruments Other than Options, Expected to Vest Expected to vest (in shares) The weighted-average fair value at grant date of restricted stock that is expected to vest. Share based Compensation Arrangement by Share based Payment Award, Equity Instruments Other Than Options, Expected to Vest, Weighted Average Grant Date Fair Value Expected to vest (in dollars per share) Stock options activity [Abstract] Stock Options Activity [Abstract] Share based Compensation Arrangement by Share based Payment Award, Options, Aggregate Intrinsic Value [Abstract] Aggregate Intrinsic Value [Abstract] Share based Compensation Arrangement by Share based Payment Award Options Weighted Average Remaining Contractual Term [Abstract] Weighted-Average Remaining Contractual Life [Abstract] The number of shares under options that were cancelled, forfeited, or adjusted during the reporting period. Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Cancellations, Forfeitures and Adjustments in Period Cancellations, forfeitures, and adjustments (in shares) Number of senior executives departed from the company during the period. Number of Executives Departed Number of executives departed from company Disclosure of accounting policy for Employee Stock Purchase Plan. Employee Stock Purchase Plan [Policy Text Block] Employee Stock Purchase Plan Long Term Debt Maturing In Year One [Abstract] Amount of lessee's undiscounted obligation for lease payment for operating lease due after fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). Lessee, Operating Lease, Liability, Payments due after Year Four 2029 and thereafter Amount of lessee's undiscounted obligation for lease payments for finance leases, due after fourth fiscal year following latest fiscal year. Finance Lease, Liability, Payments, Due after Year Four 2029 and thereafter Cash and Non-cash Information Related to Leases [Abstract] Cash and Non-cash Information Related to Leases [Abstract] Average Lease Terms, Discount Rates and Leases Not Yet Commenced [Abstract] Weighted Average Remaining Lease Terms, Discount Rates [Abstract] Describes the operating facilities of the reporting entity by geographical region. Manufacturing Facilities by Geographical Region [Table] Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. Manufacturing Facilities By Geographical Region [Line Items] Manufacturing Facilities [Abstract] This line item represents the number of manufacturing facilities of the entity. Number of manufacturing facilities Number of manufacturing facilities Represents a customer of the Company. Customer A [Member] Customer A [Member] Customer classified as customer c. Customer C [Member] Represents a customer of the Company. Customer B [Member] Customer B [Member] The continent of Europe and other areas. Europe and Other [Member] Europe and Other [Member] Customer Account [Abstract] Customer Account [Abstract] Amount before allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences from lease liability. Deferred Tax Assets, Lease Liability Lease liabilities Amount of

deferred tax liability attributable to taxable temporary differences from right-of-use assets. Deferred Tax Liabilities, Right-of-use Asset ROU assets Components Of Income Before Income Tax Provision [Abstract] Components of Income Before Income Tax Provision [Abstract] Tabular disclosure of lessee's cash paid for operating leases and ROU assets obtained in exchange for operating lease liabilities. Cash and Non-cash Information Related to Leases [Text Block] Cash and Non-cash Information Related to Leases Tabular disclosure of balance sheet information related to leases. Information on Operating and Finance Leases Included in Consolidated Balance Sheets [Table Text Block] Information on Operating and Finance Leases Included in Consolidated Balance Sheets Tabular disclosure of lessee's weighted-average remaining lease term and weighted-average discount rate. Lessee, Operating Lease, Weighted Average Remaining Lease Term, Discount Rate [Text Block] Weighted-Average Remaining Lease Terms And Weighted-Average Discount Rates Tabular disclosure of undiscounted cash flows of lessee's operating and finance lease liability. Future Lease Payments under Noncancelable Operating and Finance Leases [Table Text Block] Future Lease Payments under Noncancelable Operating and Finance Leases Project Loans [Abstract] Written promise to pay a note which can be exchanged for a specified quantity of securities (typically common stock), at the option of the issuer or the holder. Project Loan [Member] Xiamen Project Loans [Member] Commitment and Contingencies [Abstract] Remaining term physical assets used in the normal conduct of business and not intended for resale, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Minimum Remaining Term of Plant and Equipment Minimum remaining term of plant and equipment Written promise to pay a note which can be exchanged for a specified quantity of securities (typically common stock), at the option of the issuer or the holder. Working Capital Loan [Member] Xiamen Working Capital Loans [Member] Changes to accumulated other comprehensive income including portion attributable to non-controlling interest resulting from other. Accumulated Other Comprehensive Income Including Portion Attributable to Noncontrolling Interest Other [Member] Other [Member] Changes to accumulated other comprehensive income attributable to non-controlling interest resulting from other. Accumulated Other Comprehensive Income Attributable to Noncontrolling Interest Other [Member] Other [Member] Changes to accumulated comprehensive income resulting from other. Accumulated Other Comprehensive Income Other [Member] Disclosure of accounting policy for government grants. Government Grants [Policy Text Block] Government Grants Disclosure of accounting policy for treasury stock valuation, including method of recording repurchases (cost or par value method) and method for valuing subsequent resale. Treasury Stock [Policy Text Block] Treasury Stock Disclosure of accounting policy for transactions denominated in a currency other than the reporting enterprise's functional currency. Foreign Currency Transactions [Policy Text Block] Foreign Currency Transactions Principles of Consolidation [Abstract] Noncontrolling interests in subsidiaries related to Photronics ownership interests of less than are reported as Noncontrolling interests in the consolidated balance sheets. Percentage of Ownership Interest in Subsidiaries Percentage of ownership interest in subsidiaries Antidilutive Securities [Abstract] Government Grants [Abstract] The increase (decrease) in the amount of property and equipment, net due to result of expected refundable tax credits in connection with the CHIPS Act. Increase (Decrease) in Property and Equipment, Net Decrease in property and equipment, net Product Warranty [Abstract] Represents the period of warranty coverage of products sold, in PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Period of warranty Product warranty period Backlog Of Orders [Abstract] Backlog of Orders [Abstract] Period in which customer order is extended to be fulfilled, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Customer orders, Extended Timing of Satisfaction, Period Customer order, extended satisfaction period Period in which customer order is expected to be fulfilled, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Customer orders, Expected Timing of Satisfaction, Period Customer order, expected satisfaction period The gross amount of unrecognized tax benefits, plus accrued penalties and interest, pertaining to uncertain tax positions taken in tax returns as of the balance sheet date. Unrecognized Tax Benefits including interest and penalties Balance at end of year including interest and penalties Tax Credit Carryforward [Abstract] The member represents to amended and restated credit agreement. Amended and Restated Credit Agreement [Member] Corporate Credit Agreement [Member] Amount of unrecognized tax benefit classified as other. Unrecognized tax benefit, Noncurrent Unrecognized tax benefit EX-101.PRE 12 plab-20241031_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT 13 image00002.jpg begin 644 image00002.jpg M_]C_X 02D9)1@ ! 0$ D "0 #_VP!# @&!@<&!0@'!P<)"0@*#!0-# L+ M#!D2$P\4'1H?'AT:'!P@)"XG("(L(QP<*#7J#A(6&AXB)BI*3E)66EYB9FJ*CI*6FIZBIJK*SM+6VM[BYNL+#Q,7& MQ\C)RM+3U-76U]C9VN'BX^3EYN?HZ>KQ\O/T]?;W^/GZ_\0 'P$ P$! 0$! M 0$! 0 $" P0%!@<("0H+ \0 M1$ @$"! 0#! <%! 0 0)W $" M Q$$!2$Q!A)!40=A<1,B,H$(%$*1H;'!"2,S4O 58G+1*A8D-.$E\1<8&1HF M)R@I*C4V-S@Y.D-$149'2$E*4U155E=865IC9&5F9VAI-G'T=79W>'EZ@H.$ MA8:'B(F*DI.4E9:7F)F:HJ.DI::GJ*FJLK.TM:;WN+FZPL/$Q<;'R,G*TM/4 MU=;7V-G:XN/DY>;GZ.GJ\O/T]?;W^/GZ_]H # ,! (1 Q$ /P#W^BBB@ HH MHH **2DH%<6FFEHI-"W$Q2TN*,46!(**6BF.PVBEHIBL%+112*"BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **2FYI7%M'F#UI M7#E):*B\T>M'F#UI7#E9+147F#UH\P>M%PY62T5%Y@]:=O'K1<5A]%,WCUI-MX]:+A8DHJ+S!ZTHD'K3N%F244WM,=A]%1>8/6E$@] M: Y6244WM%@LR2BF!QZTNX>M 6'44PN/6F^8/6@+ M$M%1>8/6G!QZT!8?13=P]:0N/6@+#Z*C\P>M&\>M 69)13=P]:-P]: L.HJ/M>/6CS!ZT!9DE%,WCUI=P]: L.HI-P]:3M 6%HINX>M)O' MK0.P^BH_,'K1O'K0%F244T,/6EW#UH%86BDW#UI-P]:!V'44WM+D>M%P28^BF;AZT[M(6'K3"PZBHRX]:3S!ZT'9DM%,#CUI=P]: L.HI-P]:3M&X>M*X6'44WM&X>M3=%),?13=P]:-P]:5QV'4 M4WM&X>M%PL.HINX>M&X>M%PL.I*3M.XM(+#]*;N'K1N'K1<5AU%-W#UI=P]:=P%HII M8>M-,@]:8[$E%1>8/6E#CUI7"P^EINX>M&X>M*XAU%-W#UHW#UIW'8=12;AZ MTFX>M,0ZBF%QZTWS!ZT#LR6BHPX]:7M&X>M% MQ6'44WM*'"K2N%A]+3=P]:0L/6D%A M]%1>8/6CS!ZT[ARLEI,TT./6EW#UI!8=13"X];:Y@]:=PL2T5$)!ZT[8/6G<.5D MM%1AQZTNX>M*X6'T5&7'K2>8/6FF%B6BHA(/6G;AZT!8?13=P]:.7'K2"Q)1 M47F#UI0X]:=PL244W8/6BX^5DM%,#CUI=P]:!6%I, M4;AZT9'K4L5@Q2TFX>M)N'K1<+#Z*CWTNZG<=A]%,W4N:86'44E+0(**** " MBBB@ HI-U&:!V%HI,TM @HHHH 2FYIQIA% 6"BDQ0>E%QV!%++L&:R+O65@! MRPJWJ#D1G%>>Z_<2*&P34.5C>G3YCC2P/,>^#QI$?XQ3O^$QC_+XKPJ/4KC^^:L?VE/C[YK)U MV>E3RE,]K/C*,?QBC_A-(O[XKQ(ZA/\ WS3/M]Q_?-1]99T+)4SW#_A,X_[X MIW_"91_WQ7AXU"X_OFGC4)_[YI?665_8D3V[_A,H_P"^*7_A,X_[XKQ'^T)_M[YH_M"X_OFCZR2\DB>W_/":1?WQ3?\ A,X_[XKQ'[?)?VC/_?--.HS_P!\TUB67_8D3W'_(32+^^*M/^$TB_OBO#?[0N/[YI1]%Q_?-/ZRP_L*)[A_PF4?]\4G "8Q_P!\5XF-0G_O MFE_M"?\ OFI^LLK^PXGMG_"9Q_WQ2_\ ":1?WQ7B!U"X_OFF_;[C^^U'U@7] MA1/'_;[C^^:/[0N M/[YJOK+#^PHH]N_X3*/^^*7_(3./^^*\2_M"?\ OFD- X?\)G'_?%)_PF4?\ M?%>(_P!H7']\TO\ :$_]\T_K;#^PXGMW_"9Q#^,4O_":Q?WQ7AQU"X_OFD^W MW']\T?6F']@Q/' M_;[C^^:3[=Y?\)K%_?%+_PF<7]\5X8+^X_OFG?VAX_\)G%_?%)_P)K%_?%>'G4;C^^::=0N/[YH^M,%D,3W'_(36+^^* M3_A,XC_&*\._M"X_OFE&H7']\T?6F/\ L&*/;_\ A,H_[XI?^SC_OBO?[0 MG_OFD_M"X_OFG];8?V'$]P_X32+^^*7_(36+^^*\-^WW']\T?;[C^^:7UMA M_8,3W+_A-(O[XI?^$SB_OBO#?[0N! &:7^T;C^^:/K3% 843W# A-(O[XI/^ M$UB_OBO#CJ%Q_?-)_:%Q_?-'UIC60QW/WCQG%_?M%%/'C2+^^*\-^WW']\T?;[C^^:7UIB>01/<_^$TB_OBC_(3.+^^*\.&H7']\ MTX:C/_?-+ZRQ?V#]O\ ^$SB_OBD_P"$TB_OBO$#J,_]\TTZAX?\)K%_?%+_P)I%_?%>&?;[C^^:4:A' VC@H_P"$UB_OBO#3?W']\TGV M^X_OM3^LLI9#$]S_ .$TB_OBC_A-(O\ GH*\-_M"X_OFE_M"X_OFCZP/^P8' MN7_":Q?WQ2?\)K%_ST%>&_VA'G4+C^^:;;^X_OFCZRQK(8GN/\ PFL7]\4?\)K% M_?%>&?;[C^^:/[0N/[YI/$L?]@Q/<_\ A-8O[XH_X36+^^*_M"X_OFC[?< M?WS1]98?V#$]T_X36+^^*7_A-(O[XKPL7]Q_?-.&H7']\T_K+$\AB>Y?\)G% M _?%' "9Q?WQ7A\ :-Q_?-!U"X_OFE]88O["B>W_/":Q?WQ1_PFL7]\5X<; M^X_OFD^WW']\T_K+'_8,3W/_(32+^^*/^$SB_OBO#AJ%Q_?-+_:-Q_?-'UE MB_L*)[A_PFD7]\4G_":Q?WQ7AYU"X_OFF_;[C^^:/K+&LAB>Y?\ ":Q?WQ2_ M\)G%_?%>&"_N/[YIPU"X_OFCZRP_L*)[C_PF<7]\4?\ 1:?WQ7A_P#:-Q_? M--.H7']\T?66+^PHGN/_FL7]\4O_":1?WQ7AGV^X_OM2C4+C^^:/K+'_8, M3W+_(3.+^^*/^$SB_OBO#_[1N/[YI#J-Q_?-+ZPQ?V%$]Q_X32+^^*3_A-8 MO[XKPTZA M'_VC&_VA'_VAY_\)I%_?%'_"9Q M?WQ7AHU"X_OFG?VC'_;[C^^:<-0N/[YH^LL?]A11[M;_PF4?\ ?%+_ ,)G'_?%>)?VA\ WS33J%Q_?-'UEA_8<3W#_A-8O[XH_P"$ MTB_OBO#OM]Q_?-*+^X_OFCZRP_L&)[?_,)E'_?%'_"91_WQ7B/]H3_WS2_V MA\ WS1]98?V'$]N_P"$TB_OBE_X36+^^*\..H7']\TGV^X_OFCZRP_L*)[C M_P)G&?XQ3?^RC_+XKQ:AX?\)G%_?%)_PF4?]\5XB-0N/[YIW]H3_P!\T?6&+^PXGMO_F4 M?]\4O_":1?WQ7B!U"?\ OFF_VA'?VMAW?\)E'_?%+_P)G&/XQ7B7]H3_-\TTZA+^^*!XWB)_U@KP9]1N/[[41ZE<;A\YJE7; M.>>4Q1]"0^+8Y/XQ6E!K:RX^:O"M,U"K22[JYBSF) YK:MGSBM8R.&K04347FI *BB/%35M6*EP*7%9.1VQIH@\L4FRK&!28%*XW31$%IX4 M4M-S1=D^S0NT4TJ*7?)I12U#V:()E&Ri<48JDQJFB/8*78*=2T^8?LT,V4;:D M I<5-Q\B(]@I=@I329-/F'R(38*3;3Q2XI6*0H*D MHI\PS1%L%+Y8J3 M%)1=CY41^6*394U&*=Q6*DHHU'RHBV4!*EQ1BG<7(AH04[8M)FDW&INP]F@*"FE!3LT MZFFP]F92^6*EQ13NQ\B1'Y8I-@J2EQ2NPY41;*4(*DQ247%[- $%!1:3<: M-QI:AR(0H*;LJ04N*:8>S1%L%+Y8J3%)1=CY4,\L4FRI:,478:;FB[#E0FP4FVGBG8HN)P1%MI=@J3%--%P4$-V"DV"EIPHN M/D0S91L%2XI*=R>1#-@I=@HHS3YA\B&F,4>74@I<4N87(B+RQ3O+%/-)1S%* MFAOEBCRQ3J<*3DQ\B(_+%'EBI*0T6*?FEJN<.1$?EBCRQ4O%%' M.*B/RQ1Y8IU%+G#V:&;!2;*E%&!1S$NFB/8*-@IYIN:.8.1">6*3RQ3P:=1 MS!R(A\L4X1BI*0T)BY$-V"DV"G9H%.X^1#-E&RI<48I6*EQ2T^8. M1$.REV5+BDJ;C]FAFP4;!3]*=Q\B&[!2;*D%+BDV+D1%L%+L%/--HU&H(38* M38*=3A1J#@B/92A!4F*0T)BY$,\L4;!2TM.X^1#-E&RI<48I7%RC(V"C8*<: M2C4?*ANP4;*>*=BB[%R(BV4NP4^DIIC4$-V"DV"GTM8P4>6*=24[CY$)L%)LJ04N*38N1$6RE MV"GFDIIC4$-V"DV"GT47$XH9L%+L%/I*5P4$-V"C8*7-**?,/D0S91LJ3%+B ME<7LT1[!2^6*?13Y@Y41[!2;*EI*5Q/VIJ1?-5IE%"(-U M:Q9Y]:"-334P17;:7P%KDM/49%=AIHX%;Q9Y%>*.KLCP*WK4]*P;(<"MZT'2 MNJFSPL2:D72K J&$?+5@"NI,\>;U"EHHH,PHHHH **** $1PH+ %%%)3LPN M.HI*.U, IIIU-IC0QJA?I4_6F,N129HG8QK_ /U9K@];:M]YJPB?FK=U?[S5@G[U<4SZG"/0E1JF#U @J8+7+(JZB]!X:MG;JCHK)G=%H?NINZCK2[:$-AFEQFDQ3NE!(;:.E&:3- T+FC--I: NA<48HS M2T!<3-&:7%VDPYD)UHQ2TF:D=T'2C-%)BF@%!IU-Q1FJ =2$T;J2@ W49HQ M1BD,,48IU%+4!N:-U&*,4Q"@TM-I=U,-!:;NHS1BD 9HZT 4HI#$Q13J%&H M"9I0:3%%,0ZBDS29IBT%)I,T48I#"C%+2TM1C>E&:=3<4(W4ZFXHS3$.I": M3=13 -U&:,48I##%&*=14Z@-S1NHQ1BJ 4&EIM+NIB%II-&:,4 &:.M&*6@! M,4=*=24"$S1FC%,8N*,49HS2N%Q*-U.QFC;2N*XWK1BEQBDI!<*,T4[;0%Q MN:.M.VTG2@=Q,4=*,T=:6H7#=1FDQ2XJAABC%.HI:@-HW4 ,FC93L*XW-+1C M%-SBDTPYA:3-&:2A#N+NI:0"G@4,+B8I.E/Q32*2#F&[J,TAI*JPKCZ6F@TN M:D?,)FC=3L9HVTQ7&YS1BEQBC- 7$QBC-+FEVT!<;FEZTNVCI3N%Q-M&,49H MZT(BN)FC-.VT;:D=Q*7%%&:5F4F%&:2DH&.I<4W-&ZJN2V+3E=$#P,3E3"NE'CSW%HHHJ MR0HHHH **** $S1244R;L*2BB@0M+24M(I!3<4[-)N%%BD)BD/2EW4AZ46&9 MNH']V:\\\0-@-7HM\A:,UMPPE#R!L UE-'9AI69Y+K$GS-6 9/FKM=5T+5V; MY36- P (W,6^Z?RKDG!L^BPV(449<&YO[I_*N>5)GK MTL=%=3!+TF^N@_X1J;^Z?RI/^$:F_NFLW19V1S"'Q8O[0AW,'S M*/,K>_X1N;^Z?RI/^$:G_NG\]?L62\PAW,+S:/-K<_X1J?\ NFC_(1N?^Z? MRI^Q8EF,.YB>90):V_\ A')O[I_*C_A\)O[II>Q97U^'Q9'U^'Q92Q\.YB>92^96 MW_PCDW]T_E2_\(W-_=/Y4>Q97]H0[F'YE)YE;O\ PCR8 M?VA#N87F4>96[_PCQ8?VC#N8?F4 MOFUM?\(Y-_=-)_PCDW]T_E1[%C_M&'R8_[1AW,3S:3S:W/^$:G_NG\J3_ M (1N;^Z?RH]BP_M"'R8_K\.YB"6GB>M? _A')O[IH_P"$;G_NG\]?L62\PAW,CSZ:9:V?^$;G_NG\ MJ7_A&Y_[I_*G[!@LPAW,3S*/,K<_X1R;^Z?RH_X1R;^Z?RH]BRO[0AW,3S*/ M,K;_.$?6O\ \(W/_=/Y4#PU/_=/Y4_8LEYC#N9'F9I,UN+X')A_"?RI.BQ/,8=S&\RFF2MS_A'9O[I_*D/AN8_PFE[M%D_VC'N8!EIOFUO'PS/_'3^5)_PC$_JT_E3]DP_M&')ZV/^$;F_NFC_A&Y_P"Z M?RH]BR7F$.YC^?33+FMK_A&I_P"Z?RI1X:G_+I_*G[%@LPAW,/S*42UN?\ M"-3_-T_E1_PC<_]TT>Q8_[0AW,834OG5L?\(W/_'3^5*/#<_\ =/Y4O8L/ M[0AW,7S*;OK>'AN;^Z?RH/AN;^Z?RH]DP_M*/;6\?#<_\ =/Y4S_A& MI_[I_*CV+%_:4>YA^;1YE;G_C4_P#=/Y4O_"-3_P!T_E1[%C_M&'96X/#4W]T_E M2_\ "-3?W3^5+V3#^T(=S"\VCSJVSX:G_NG\J3_A&I_[I_*G[%A_:,.YB^=1 MYE;0\3_-T_E3O^$;F_NG\]/9,/[0AW,/S*/-K=_P"$:F_NG\];_P (U/\ MW32]DP_M&"ZF)YM'FUM_\(U/_=-+_P (U-_=-'LF+^T8=S#\RCS:W?\ A&I_M[I_*D/AJ?^Z:/9,?]H0[F'YU'G5M?\(U/_=/Y4?\(U/_ '3^5/V+#^T8=S%\ MVCS*W!X:F_NFE_X1N;^Z?RH]DP_M"'R8O[1AW,3S:/,K;_P"$;G_NFG?\(U- =/Y4>R8_[1AW,+S*/,K<_P"$:F_N FMFGPU/\ W3^5/V3#^T8=S%\ZCS:VO^$:G_NG\J4>&I_[I_*CV+#^T8=S$\RC MS*W?^$;F_NG\J3_A&IO[I_*E[)A_:$.YA^;1YM;?_"-3_P!TT?\ "-3_ -TT M>Q8O[2AW,3S*/,K<'AJ?^Z?RI?\ A&YO[I_*CV3'_:$.YA>;1YU;9\-3_P!T M_E2?\(U/_=/Y4_8L/[1AW,7SJ/,K:'AJ?^Z?RIP\-3_W3^5'L6']HP[F'YE' MFUN_\(U-_=/Y4G_"-3_W3^5'LF']HP[F'YM'FUM_\(U/_=-+_P (U/\ W32] MBQ?VC#N8?F4>;6[_,(U-_=/Y4A\-3_W3^5'L6/^T(=S#\JZSJVO^$:G_NG\ MJ/\ A&I_[I_*G[%A_:,.YB^;2>96Z/#4_P#=/Y4O_"-3_P!T_E2]BP_M"'96W M_P (U/\ W3^5.'AJ?^Z?RH]BP_M&'5+<6BBBK("BBB M@ HHHH 2DI**5R;A12TN* L)2T8I:!I##49S4V*3;5)EID(S3Q3]M+BFV-R(M)8]RUDW=@LF2* METT'UN7S0_KD^YR_\ 8,/]P4?V## _<%=1Y M(H\D4>S0?7)=SE_[!A_N"E_L*'^X*Z;R11Y(IJFA?6Y=SF/["A_N"FG0H?[@ MKJ/)%'D"JY$/ZW+N2*/(!5> MS0?7)=SE#H47]RE&A1?W*ZG[./2E^SCTH]FA_79=SEQH4/\ <%._L&'^X*Z; MR!Z4>2*/9H7UN7-" MA_N5TWD#TI?)'11[-!]0/2CV:%]< MEW.5.A1?W*0:%%_<%=7]G'I2?9QZ4O9HKZ[+NE'LT'UR70/2CV:!8R7S17UV72*7LD+ZY+N ME+Y(M]*?LT'UR3ZG,?V## _<%-.A0_W!74^2*/(!3Y$+ZY+NE/D0_KLNYRG]A1? W*/["B_N5U7D#TH\@46M'(AK%3[G.#0XO[@IPT.'^X*Z+RU1=BTN1 \5/N<[_84/\ M<%,.A0_W*Z7=M)L6CE0EBI]SFO[#B_N"GC0X?[E=#Y:TNQ:EQ0WBIF -"A_N M"C^PH/[@KH,+1A:CD1'UB?U:-JU2@A_69]SG/["A_MN"C^PH?[@KH]JT;5I\B']:GW:.A0_W!33H47]RNFV+1Y:T>S0_KU:7:M'(@^M3[G-_V%#_<%']A0_W!72;5I-JTU:-JT>S0? M6I]SG/["A_N"E_L*'^X*Z+:M&U:/9H/K4^YSO]A0_P!P4?V%#_<%=%M7VHVK M1R(/K4^YSG]A0_W!1_84/]P5T>U:-JT>S0?6I]SG/[!A_N"C^P8?[@KH]JT; M5IU:7:GM0Z:#ZU,YK^PH?[@_*E_L*'^_MX*Z3:E)M6A4T+ZU,YS^PH?[@H_L*'^X*Z+:M+M6CV:']:GW.<_L*'^X*/["A_N"NCVK1M6E[0!]:GW.<_L*'^X/RH_L&'^X*Z+:M+M6G[-!]:GW.<_L*'^X* M3^PH?[@KI-J4NU*7LD+ZU,YO^PH?[@H_L*'^X*Z/:M&U:?LT/ZU/NR0?6IG M.?V%#_<%']A0_P!P5T>U:3:M/V:#ZU/N<[_84/\ <%']A0_W!71[5HVK2]D@ M^M3[G.?V%#_<%']@P_W!71[5HVK3]F@^M3[G.?V##_U:-JT< MB']:GW.<_L*'^X*/["A_N5TFU:-JTLF[N3'FL*ZUAH\\TKLU48L[+[: MO]ZD^W\9"5>7'B5DS\U9D_BJU_B/YTR_;T_O"C[>]G]X5Y OC(_W_UJ0>,Z?X_AI>T0=UQ@FSUDZ@G]ZD_M!?[PKR MC_A+B?X_UH_X2T_W_P!:7M4:K+V>K_V@0]ZE_M!/[U>2GQ<_?_ M %JO;(?]G2/6O[07^]1_:"_WJ\G'BTG^/]:>/%9_O_K1[=!_9LNQZK_:"_WJ M/[07^*\I/BPC^/]:C/B\C^/]:?MD/\ LR78]:_M!/[U']HI_>KR/_A,#_?_ M %I?^$O/]_\ 6DZR#^S)=CUO^T5_O4HU!/[PKR3_(2X_P!_]:4>+S_?_6I] MLA/+9=CUS[>G]ZC[>G]ZO)?^$P/]_P#6E_X2_W_ -::K(7]FS['K!U!/[U) M_:*?W]\H_P"$N\ ?_6FGQ:?[_ZT_(I99+L>L?V@G]ZC^T$_O5Y*?%Y'\?Z MTW_A,#_?_6G[5!_9DNQZY_:*?WJ/[13^]7D@\7G^_^M-UD']FR['K7 M]HK_'A^=']HK_>%>3?\)3?\<3_!_K2_\ "6'^_P#K1[9%++)=CUC^TE_O M4X:BO]ZO?\ A+#_ '_UI/\ A+B/X_UH]L@>62['KG]H)_>%'H)_>KR/_A+ MS_?_ %IX\7'^_P#K0ZJ)_LR78]8_M!?[U+_:"_WJ\G_X2T_W_P!:0^+B/X_U MI>U'_9DNQZS_&@G]X4AU%/[U>2GQ>?[_P"M)_PEY/\ '^M/VR#^S)=CUDZD MO]ZD_M)?[U>4?\)83_'^M+_PE9_O_K1[9#_LR78]8&HK_>IW]H)_>KR0^+2/_MX_UI/^$O/]_:/;(3RR78]<_M!/[U']H+_>KR0>+S_?_%I__"6G^_\ K2=5 M"_LR78]8_M!?[U']H)_>KR?_(2T_P!_]:8?%Y_O_K0JJ#^S)=CUO^T$_O4T MZBO]ZO)?^$O/]_\ 6E_X2TG^/]:KVR&LLEV5_[27^]2C4E_O5Y1_P)6?[_M _M)_P)81_'^M+VR_9DNQZT-13^]2_V@G]X5Y_P)>1_'^M*/%Y_O_K1[_M9"_LR78]_M!?[U)_:"_WJ\G'BX_W_UI?^$M/]_]:7M0_LR78]8!/[U'H M)_>%>3'Q<1_'^M,_X3_W_UIJJA?V9+L>MG45_O4W^TE_O5Y-_PEQ/\ '^M+ M_P)8?[_.M#K(I99+L>L?VDO]ZE&HK_']\F_X2P_W_-:3_A+B/X_UH59 M\LEV/7/[03^*/[13^*\C_X3_W_P!:7_A+S_?_%H=9$_V;+L>M_VBO]ZC M^T4_O5Y+_P)KR/_A,M#_?_%H_X2_W_UJO;(?]F2['KG]HI_>H_M%?[U>3#QKR0>+S_'_UIP\7'^_^M)UD/^S)=CUG^T5_O4?V@G]ZO)O^$M/]_M_P#6FGQ>?[_ZT*L@_LR78];_+03^*/[03^]7D?_"8'^_\K2CQ>?[_.M-_MUD+^S)=CUO\ M%?[U']HK_>KR;_A+3_?_6@^+C_?_6I]LA_V9+L>L_V@G]ZC M^T$_O5Y(?%Y_O_K2?\)@?[_ZU7MD+^S)=CUS^T4_O4?VBG]ZO)!XO/\ ?_6E M_P"$N\ ?_6I=9!_9LNQZU_:*?WJ/[03^]7DA\7G^_\K2?\)@?[_P"M4JR# M^S9=CUS^T4_O4?VBG]ZO(_\A+S_'_UI?\A+C_'_UI.L@_LV78];_+13M^]1_:*WJ\E_X2X_W_UI/^$O/]_:)%60?V;+L>M_V@G]ZC^T4_O5Y'_PF!_O_M_K2_\)>?[_ZTW60?V9+L>M_VBO\>H_M%/[U>2_\)NC4$_O"GB^3^*\=/C_M,C^/]:5/&I)^_P#K3]H82P,D>R"\0_Q"!<@]ZNLO%1E(^?]:Z:QU4S_3.%KT,Q*>U,-NA["ERFBJ-'DMSX4D?/RFLF?P5*W\!KVTVD7] MT4TV4/\ ='Y4N4T6(DCP5_TV?N&H&\$RC^_U[)A"?X!^55Y--B/_*I<#_MHAB6>"2^$98Q]TUG3Z')#V->]7>D1LIP@_*N:U'0=V<)^E9N!VT\2CQF6VDB M/>H"SKW->B7WAEV)PA_*L:G!2?3Q$3D_<=S1YS>IKHI/#,H_A_M-59-#DCZJ:S<6=M.M%F1O8]Z<"_K5F2S,7457+!3BLG=';3Y6/4MZU(&;U)% M7%2@YK)R9TQA$"6/>F%7/>I:7(I<[-%3B5MC^MA&&'>K!(IAQ1[1C]C$BRWK2 MY?UIV*<*7.QJA$9_K2_/ZU(,44^=EK#Q(S>M&YO6GD4_:%K#Q(\,>]-V M7PK Q3N*7M&/ZM$J[7'>C+>M6#BF%:7M&'U6)%EO6F_/ZU-BEP*:FP6%B0@ M/ZTX;O6I>**'497U6 S+>M)\Q[U)BG#%3[1@\+$@VOZT;7]:LC%!Q3]HQ?58 ME?YAWI&B5=KCO2Y;UJM)M<]ZE%/&*7M&'U6)7V/ZT8<=ZLY%-.*/:,?U6)#EO6D^;UJ3% M*,4^]2"G#%'M6)X:)#M?UI M1O'>IN*:<4>T8+#1&[G]:3+GO3J<,4>T8_JT2+:.K1M?UJP,4'%'M&'U:)!E MAWI=S>M/--H]HP^K1&'<>])M?UJ88I>*/:,7U:)-X[TX,P[U(<4TT>T8+#1 M&[G/>DPY[T\5(,4>T8_JT2#8_K2C<.]6.*8<4>T8?5HD>YO6D)8]Z<-'O3C2BCG8?5HD>US MWI-C^M6!BE.*/:,/JT2M\X[T9;U-3'%-Q1[1B^JQ(\.>]&Q_6IABGC'M&/Z MK$K;7]:7YO6ISBFG%5[1B^JQ(OF]:3#GO4HIXQ1SL/JL2OL?UHPX[U9R*:<4 MO:.?U6)#EO6CYCWJ0XI1BGS,7U6)%M<]Z38_K5D$4O%/V@WAHE7#CO33N]:M M%:84IJHS">'B4V#GN:6*-]PYJ<@"GQ,-PK2-1GGUL.CXM+24M!F%%%_!1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !2&EHH ::: M:?1B@=R/%&P5)BC%2QW(6A4CI562R1NJUH4F*FPU-HQ9-*B;^ 53DT6(_P MKI2E-,(-#B;1KM'(3:"C[@K$O\ 000<)^E>C&V4]JADT]'ZBH<+G3#&N)XG

MJ7A^0D[4_2N9N?#]P'^Z?RKZ&ET.%^JC\JSKGPU 1G8/RK-T+G;3S6QX#_8T MZ=5/Y4OV"1.HKV&\\.1KG"?I7/7FA[91YE2?V?/_<-']GS_M -TT>Q97UV(S>*7>*?\ V?/_ '30-/G_ +II^R8OKL>Y'OI-U3C3Y_[II?[. MF_NFI=)DO&Q*V^DWBK!T^?\ NFHSI\ ]PT>S8OKL2/>*7?4@T^?^Z:>-.F_N MFCV;#Z[$AWTF^K/]G3?W33#IT \ =-'LV'UV)!O%+OI]GS_ -TTX:=/_=-' MLV'ÜV)%NHW58&G3?W30=.F_NFCV;#ZY$K[Q2;Q4IT^?^Z:3^SY_[IH]FP^NQ M&;Z-]2#3Y_[IIW]GS?W#1[)B^Ö1(=])O%3'3Y_[IIO\ 9\ ]TT>R8+&Q(]XI M=U2#3Y_[AIXTZ;^Z:/9L?UV)!NHWU9_LZ;^Z:8=.G NFCV;#ZY$K[Q2;Q4IT^?^Z:3^SY_[IH]FP^NQ(]&^IA!\ \ <-!T^?\ N&CV3)^O1(=XI-XJ4Z?/ M_=-)_9\ ]TT>S97UV(S?1NJ8:=/_'33_P"SIO[IH]FP^N1*VZDWBK!TZ;^Z M:8=/G_N&CV#Z[$BWBEWT\:?/_=-.&GS_P!TT>R8GC8D6^C?4W]GS?W#33I\ M_P#=-'LF'UZ)%O%+O%/_ +/G_NFE&GS_ -TT>S8_KL2/=1NJP-.F_NF@Z=- _M=-'LV'UR)7WBDWBICIT_]TTW^SY_[IH]FP^NQ&;Z-]2#3Y_[IIW]GS?W#1[) MB^O1(=])O%3'3Y_[IIIT^?\ NFCV3!8V)'O%+OIXT^?^Z:D&G3?W31[-C^NQ M(=U)O%6?[.F_NFF'3I_[IH]FP^N1(-XI=XIYT^?^Z:/\ W31[-A=B1[Z M-]3#3Y_[IH.GS?W31[)B^O1(=])O%2G3Y_[II/[/G_NFCV;']=B,WTN^I5T^ M?^Z:?_9TW]TT>S8?78E;??2;Q5@Z=-_=-,.GS P!TT>S8?78D6\4N^GC3Y_= M-2+ITW]TT>S8?78D.^DWU9_LZ;^Z:8=.G_NFCV;#ZY$@WBEWBGG3Y_[AI1I\ M_P#<-'LV'UV)'OHWU,-.G_N&C^SI_P"X:/9,GZ]$AWTF\5*=/G_NFF_V?/\ MW#1[-E?78C=]&^!I!_]TT[^SY_[II>S8OKT2'?1O%2G3Y_[IIO]GS_W31[- M@L;$CWBEWT\:=/\ W34@TZ?^X:?LV/Z[$@WTNZK'JG3?W30=.F_NFA4V'UV) M7W4FZK']G3_W31_9T_\=-5R,GZ]$K[Z4/4W]G3_ -PT?V=/ _=-+V;#Z]$8' M%*7&*?[!/_=-(;"X_NFFJ;,I8R+*TCBF(_S58;3IS_ :6+3))P^0UK&FSBJX MN)M:4WS+7?:1T6N+TK3Y05RIKO-)MG4+D5M&!Y&(KJ1T]H/E%:T(K/M(B%'% M:L*5T1B>-6D68^E3"FH.*D K=(X),44M)2TS,**** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****5@$ICIN%2446 H2 MV0?M5&;1D?\ A%;M)BERHT522V.4E\-QO_"*HR^$HF_@%=P5'I32@]*ATT:K M$374\^?P;%G[@]%O!\0_@%>B&(>E1M #VJ'21M'%R74\[/A*,?P"F'PJ@_@' MY5Z&;4'M3#9@]JET3>..DNIY[_PC*?W!1_PC*?W!^5=^;(>E)]B'I4^R-5F# M[G!#PNA_@%.'A6, P"N[^R#TIPM1Z4U10GCY=SA/^$3C/\ I?^$1C_N"N]%J M/2G_ &8>E6J2(>/GW// _/A$8 [@H_X1&/\ N"N _^SCTIIMQZ4_9(7UZ?@_91Z4?91Z5HJ:)^OS[GGO M_")Q_P!P4H\)Q_W!7H'V0>E)E'I5^SB/^T)]S@AX3C_ +@I?^3C_N#\][S M[./2C[./2E[)!?GW.!/A2/^X*3_ (15/[@KO_LP]*3[(//2DZ2']?GW.!_X1 M2/\ N#\J/^$3C_N#\][[[!*/2C[,/2H=)"^OS[G _\(G'_<'Y4?\ "*QC^ 5W MWV8>E'V<>E)4D/Z_/N<# _P (K'_<%' "*1G^ ?E???91Z4?9@.U5[.(?7Y]S M@O\ A$H_[@I/^$3C_N#\][[[./2C[,/2CV2%]>GW.!_X15/[@H_X16/^X*[[M[(/2C[*/2G[)#^OR[G!?\(G'_<%' "1_P!P5WVV8>E'V<>E+V2%]>GW._X M1.,?P"D_X15/[@KT#[*#VH^R#TI>R0_K\NYP' "*1G^ 4H\)1_W!7??91Z4O MV8>E/V*%]?GW.!_X1*/^X*3_(12/^X*[_/2C[*/2G[)L?/ÑR0_K\^ŸP7_ B4?]P4A\)Q_P!P5WWV<>E'V8>E M3[)"^O3[GG_ BB'W!1_P (HG]P5Z!]D'I1]D'I1[)#^OR[G CPG'_<%+_P MB4?]P5WWV8>E'V<>E/V*%]>GW._X12,?P"C_A%4_N"N_P#LH]*3[(/2G[)# M^OS[G_\(K'_ '!2_P#")1_W!7>_91Z4?9QZ4O9(7U^?GW// P#A%4_N"E'A.,_P"N_^R#TH^RCTI^R0?7Y= MS@O^$2C_ +@H_P"$3C_N"N^^SCTH^S#TI^Q0?7Y]S@/^$5C_ +@H_P"$53^X M*[[[*/2C[(/2CV2']?Q:H'_X1.,_P"E_X1*/^X*[W[,/2C[./2E[)"^O3[G M'PG&/X!2?\(JG]P5Z!]F'![4?9!Z4O9(?U^7E))D'I3]D MA_7Y]S@?^$5C_N"E_P"$3C_N"N]^RCTH^SCTI>R0OK\^YP7_ B4?]P4G_ "* M1C^ 5WWV<>E'V4'M2]DAK'SG[G ?\(LG]P4O_ BD9_@%=]]D'I1]E [4>R0? M7Y=S@O\ A$H_[@I?^$2C_N"N\^SCTI1;CTH]DA?7I]S@O^$3C_N"E_X1./\ MN"N]^S#TI?LP]*?LD3]>GW._P"$2C_N"D_X1*/^X*[_.SCTIOV<>E'LD/Z M]/N< ?"@?9@>Ù'V0>E+V2*^OR[GG__ BD?]P4X>$H_P"X M*[[[(/2C[,/2FJ*%]?GW.#_X1*/^X*3_(^NT^S#TI?LP]*?8H7U^?< MX/\ X12/^X*/$4C_N"N]^S#TI/LP]*/9(K\^YP7_*1_W!1_PBD?\ <'Y5 MWGV<>E'V<>E'L4'UZ?E'LD+Z]/N>? M_P#")Q_W!1_PB4?]P5W_ -F'I2_9AZ57LT'UZ7<\^_X1&/\ N#\J&TCQ\HK9MM*6/'%(A [4X(!34#&5=LK1V MP4=*G6/%2@4N*JQBŸMB"G T8I<4S-L6EI*6F2%%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 44E&: "B MBDIDW%I***0)ABC%+FDH'<3 I"*4TUFQ2L@38A% J)Y@HJG/J"Q#K1H6E)F MF,4[BN5N?$D<.M-.*X/\ X3B$_P 8IP\\Q'^, M5+DC18>IV.XR!3?, [UQ!\91'^,4T^+XS_&*EU(FL<'4?0[H2KZT\./6N! X M2Z/^^*>/&$0 C%3[:)3P%7L=Z&'K1N'K7"?\)G%_?%)_PF<7]\4U5B3]0K=C MN]P]:0L/6N$/C*+^^*3_ (3*+^^*KVL1_4*W8[K\>M+O'K7! _P#"8Q?WQ2 \)A%_?%OZJ%)1J]CN]P]:.*X8 M>,8OJXI1XRB_OBE[5"^I5>QW'%&X>M<1_P)E% ?%-/C&+^^*?M8A2]JCN- MP]:-PJ:X7 A,8OJXI/\ A,HO[XI^TB/ZC5['=9%*&'K7"?\ "91?WQ2CQE%_ M? %/VL1_4:O8[O>/6C>/6N%_X3"+^^*/^$QB_OBCVL1?4*O8[@L/6C(KAO^$R MB_OC\Z3_(3*+^^/SI>UB/ZC5['=[AZTN\>M<(/&,7]\4O\ PF$7]\4_:Q%] M1J]CNMPI,CUKAO\ A,8OJXI/^$RB_OBJ56(?4:O8[K(]:7/6DW#UKAO^$PB_OBD/C&+^^*CVL0^HU>QW.12[AZU MPG_"91?WQ^=+_P)E%_?%M8C^HU>QW>\>M&X5PO_"81?WQ1_P)A%_?%-58 MB^H5>QW.X>M&17"_\)E%_?%' "91?WQ5>UB'U&MV.[W#UHWCUKA?^$QB_OBC M_A,(O[XI.K$/J-7L=R6'K2;AZUPY\8O?WQ3?^$RB_OC\ZGVL1_4:O8[K<*4, M/6N$_P"$RB_OC\ZUB'U&KV.ZWCUHW#UKA?^$PB_OB@^,80[XJE5 MB+ZC5['M<+_P)E%_?%' "91?WQ3]K$/J-7L=WN'K1O'K7"_\ "81? MWQ1_PF$7]\5+JQ#ZA5['<[AZTF17#?\ "91?WQ2?\)E%_?'YTO:Q'1]JCN] MP]:7>/6N$'C&+^^*7_A,(O[XI]K$TU&KV.ZW&UHW#UKA?^$PB_OB^,80[XJE5 MB+ZC5['M<+_P)E%_?%' "91?WQ3]K$/J-7L=WN'K1O'K7"_\ "81? MWQ1_PF$7]\5+JQ#ZA5['<[AZTF17#?\ "91?WQ2?\)E%_?'YTO:Q'1]JCN] MP]:7>/6N$'C&+^^*7_A,(O[XI]K$TU&KV.ZW#UI,CUKAO^$QB_OBD_X3*+^^ M*I58A]1JCNLCUI=P]:X3_A,HO[XI?\ A,8OJXINK$/J-7L=UO'K2;A7#?\ M"81? WQ1_PF,7]\5/M8A]0]JCN,CUIQW6X4H8>M<)_PF47]\?G3AXQB_OBCVL0^ MHU>QW6\>M)N%<-_PF$7]\4'QC%_?%-58B^HU>QW&12Y%<+_PF47]\4?\)E%_M? %/VD0^HU>QW>X>M&\>M<+_PF,7]\4?\)A%_?%+VL0^H5>QW)8>M)D5PQ\91 M?WQ2?\)E%_?'YTO:Q'1]JCN]P]:7>/6N$'C&+^^*7_A,(O[XH]K$/J-7L=U MN'K2;AZUPW_"8Q?WQ2?\)E%_?%4JL1?4:O8[KX>M+O'K7"_P#"8Q?WQ1_PF$7]\4O:Q#ZA M5['>;AZTN5K@_P#A,HO[XH_X32+^^*7M(F;P55=#O,BDW#UK@CXVB_YZ"D'C M:(G[XH]HA?5*BZ'>Y'K29%<;#XLCD_C%:4&MI+_$*3FA?5YKH;:7-9T=Z'[MU927=34KD2IM;EH-2YJ->:!5F30ZEI*6F2%%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 E)3J2@30E% M%)1<0M)125-Q"T444 A:A<&IJ"N:+FBT,V9&(K"U*&4J<9KK&B!JO+9H_44K M&*B1Y+JUI=$MMW5QM)9WP8G+5[U<:/%)G*UAW_AV$J?D'Y5#1VTJZ/#)/ML M75FJ$W]RAYA#"P8\ZE55<[)^JP[#_P"T M;C^^:/[1N/[YIOET>6*7M&'U.'8D&HW']\T_^TI_[YJML%&VG[1DO!0[%G^T M;C^^:7^T;C^^:KA14@44<[)^I1[$G]HW']\TG]HW']\TPH*:4I>T8U@8]B0Z MET8?4H] MA_\ :-Q_?-*-1N/[Y/8*391[1A]2AV+(U*?^:.#J4_]\U6VT;:?M&+ZG'L2 MG4;C^^:3^T;C^^:CV4NP4>T8_J4.Q,-1G_OFG_VE/_?-5ME+M8]HP^I0[$QU M&?\ OFF'4;C^^:CV4;!2]HP^I0[$@U&X_OFGC4I_[YJOL%&VG[1B^IQ[%G^T MY_[YIK:E/_?-5]M+LH]HP^IQ[$G]HW']\TX:CT8+!Q[$@U&X_OFI M!J4_]\U7V"C;1[1A]3CV+/\ :<_]\TTZE/\ WS5?;2[*/:,/J<>Q(=1N/[YI M1J-Q_?-1[!2;!1[1A]2AV)_[2G_OF@ZE/_?-5]E&RCVC)^I1[$QU&X_OFD_M M&X_OFH]E+L%'M&4L%#L3#4KC^^:=_:4_]\U6V4;,:./,J<>Q8.I3_P!\TPZC MQ9_M.?^^::=2G M_OFH-M&VCVC#ZG'L2?VC-2G_+YJ MMLI-M/VC%]3CV+)U*?\ OFF'4;C^^:BVT;!1[1A]3CV!]J-Q_?-2+#49_[YJ# M8*-E+VC']2AV+/\ :4_]\TTZC/\ WS4.VDV4>T8?4H=AYU&X_OFE&HW']\U' ML%)L%/VK#ZE#L6!J4_\ ?-+_ &G/_?-5ME&RCVC)>#CV)SJ5Q_?-1MJ5Q_?- M,\ND,8JE49A/!1[#6U*Y_OFB/4KG=]\TQHQ1'&-U:*HS@JX6*Z'1Z9?SDC+& MNXTNZD(7+&N$TQ!D5V^ECA:UC)L\RM22.QLY6(';-=NŸ.*Y^SZ"MNW[5T09X M^(BC6B/%3BJL6<5.*ZD>7-:CZ6DI:9F%%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 44A-)FE<5QU%-S2T7"XM%)13&+13W#U;)IAYJ6BXMHYV\TM9,\5SE[X=1L_*/RKT!HMU5)[0$'BLI4[G=1Q+B M>1W^@K'G"URI]9^43@5Z[JMCPW%<)JU@U!5O2CD']80AIN:1@WI3"']*7(4L1$E#4X-4&']*4!_2CE92 MKQ+(:GC%5?G':EW/Z4*)7MXEK IAQ4.]_>C+'M5E&&]*7LV M/V\23BCBH?G]*/G]*7*'UB)+D4F:9A_2C#>E'(P]O$DXI<"HOG]*3Y_2CE8> MWB2\4E,^?THPWI1R,/;Q),TO%18;TH^?THY&'MXDO%)Q47S^E+A_2CD#ZQ$? MFEXJ/#>E&&]*.1A[>)+Q1Q4/S^E'S^E/E#V\27BDS3,-Z48;TI*.*A^?TH^?THY0^L1)&]*/G]* M.1A[>)+@4G%1?/Z4OS^Ê'*'MXC\TM1X;THPWI1R,/;Q)>*.*A^?TH^?TI\H> MWB2\4F:9AO2C#>E+D8>WB2<4N!46']*3Y_2GRL/;Q)>*.*B^?TI*CP_I2?/Z4E$/;Q)L"DXJ+Y_2E^?TJN5A[>(_-+FH\-Z48;TIWB2<4O%18?TI/G]*.5A[>)-Q2 M<5'_I2X;TJN4;/Q'TO%1X?TIOSCM1R![>)-Q1Q4&7]*7Y_2ER#]O$DS2C%1 MX;TI<-Z4N1B]O$F %+@5!E_2C<_I2Y62Z\28@4UL4S+^E(=_I6BB92KQ&OBD M3&ZF.']*:@?<.*M19Y]:K%G2:;C*UVNE]%KAM,W9'%=MI><+6L8L\BO),Z^R MZ"MRV'2L*RS@5NVO:NJ"/#Q)IQ#BIP*BBZ5,.E=*1Y,MPQ2T451 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 +129HH%<6BBB@844 M44 %%%)10 M%)FC-*X"T4F:,T[@+1244 +129HH 6BDHS0 M%-W4FZ@=A]%-S M2YH"P8I,49I-U(7*+BEQ3=U+F@.4=28HS29IA8,48I-U+NHL'*+2TF:,T!8* M*3=2;J8%,D_)^E9DWA/'\'Z5Z();H>U4Y;)6_AK"5%'93S M":/()/"IS]S]*A/A,G^#]*]:?35)^[3?[,7^[6?L3LCF4NYY+_PB1_N?!0/" M9\'Z5ZW_9B_W:0Z8O\=JU01HLS?<\H'A8C^#]*7_A%S_<_2O5#I:_W:!IB M_P!VG[!%?VI+N>6?\(H3_!^E'_"(G^Y^E>K+IJ_W:?\ V2 MGPD1_!^E-_X10_W/TKUHZ:O]VHSIB_W:/8HN.:2[GE/_BA_N?I1_PB9_N? MI7JW]F*/X:4:K?V>O]VD.FK_M_':XV"0+-9=SRK_A%C_<_2C_(14_P!S]*]4_LQ?[M*-,7^[1[%#_M67<\]_MX1,_W/TI?^$3/[S]*6&FK_=I?[-7^2[2]@B?[5EW/*?^$3/[S]*/^$4/]S]*_M]6_LU?[M0_9J_P!VE[%!_:LNYY3_,(F?[GZ4O_")G^Y7J_]FK_=H_LU?[M+ MV"#^U9=SRC_A$S_<_2E_X10_W/TKU;^S5_NT?V:O]VE[$?\:LNYY3_PBA_N M?I2?\(F?[GZ5ZO\V:O]VC^S5_NT>Q#^U9=SRC_A$S_P0O[5EW/*?^$4/]S] M*/\ A%3_'/TKU;^S5_NT?V:O]VE[$?]K2[GE/\ PBA_N?I2?\(F?[GZ5ZO_M &:O]VC^S5_NT>P%_:LNYY3_,(F?[GZ4O\ PBA_N?I7JO\ 9J_W:/[-7^[3 M]@@_M67<\]_X10_W/TI/^$3/]S]*]6_LU?[M']FK_=H]@@_M67<\]_X1_W/ MTI?^$4/]S]*]6_LU?[M']FK_=H]@@_M67<\I_X10_W/TI?^$4/]S]*]6_LU? [M']FK_=H\-Z48;TIWB2<4O%18?TI/G]*.5A[>)-Q1Q4&7]*7Y_2ER#]O$DS2C%1 MX;TI<-Z4N1B]O$F %+@5!E_2C<_I2Y62Z\28@4UL4S+^E(=_I6BB92KQ&OBD M3&ZF.']*:@?<.*M19Y]:K%G2:;C*UVNE]%KAM,W9'%=MI><+6L8L\BO),Z^R MZ"MRV'2L*RS@5NVO:NJ"/#Q)IQ#BIP*BBZ5,.E=*1Y,MPQ2T451 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444

"BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH :W2LZZ[UH-TK.NCP:F1O1W,*/6N:U$\&NBO3UKF=0/6N.9]%A4N7N_OUU&I=ZYBZ^\:Y9,]ZA$J#K4RU#WIX-8,].G$GHJ,&G"LVCLBA:**0U M%C4.*0TF:*!V"@&BB@KE'"EXIF:-U*PAQI*3-%!:"BDI*87%I***!"TX4VES M3$T28%! J/=1NH!#J3O29HI%"T4E&:JXQ:*2BE*9FC=4DL>0*8:-U)F MG804X4VES0%AXQ2&FYHS2L(,T9I*6F.PX4'%-S2$T6$T,.A.HI&-"?>%:Q.* MML;5AU%=5I :N4L>HKJ-//2NF#/ QB.ML,<5TMCVKE[ ]*Z>Q/ 8Q2- MZ#[HJQ72CQY;BT4E%5&8/[@_*G?\(Q! _<'Y5T^T4N!3]FA/%U.YRQ\,P?W!^5-/AF'^A/RK MJ]HHV"GR1!8NHNIRG_",P_W!^5+_ ,(S! _<'Y5U6P4;11R1#ZW4[G+?\(Q! _M<'Y4A\,P?W!^5=5@4FT4O9H%BZG&8/[@_*C_ (1B#^X/RKJ<"C HY$+ZU4[G*GPS! <'Y4W_ (1F'^X/ MRKK-HHV"GR1']+ MJ=SF/^$8@_N#\J:?#,']P?E758%)M%-00OK53N&8/[@_*G#PS! _<'Y5U M&T4NT4WS]P?E73<4<52BB77F^IAQ>'X8^BC\JNQ::D?05HC%. %.R,W5D5 MUMPO:I1'BI,"BJ2(Q'KE[!NE M=/8G@5V4T?,8IF[!]T58JO1!]T58KH1Y$MQ:***K0D****81!110 4444 %%% M% !1110 4444 %%% !1110 4444 %%% !1110 4444 M %%% !1110 4444 %%% !1110 4444 %%% !1110 4444

MW_UH^L(?]DS['KOV]/[P_.C^T$_O5Y%_PF!_O_K1_P)@?[_ .M'UA! 9,^Q MZ] _:"?WA1 _:"?WA7D/\ PF!_O_K1_P)@?[_ .M'MT']DS['KW]H)_>'YT?V M@G]X?
G7D' "8G^ _^M' "8G^ _^M'MT']D3['K_P#:"?WA1 _:"?WA7D/\ PF!_ MO_K1_P)@?[_.M'UA" LF?8]= M!/[P .C[>G][]:\B_P"$Q;^ _^M) PF+? MW_UH]NA_V3/L>O?V@G]X?G2_V@G]ZO(?^$Q/] \
6E_X3 _W_P!:/K"#^R9] MCUW^T$_O"D^WI_>'YUY%_P)@?[_ .M' "8G^ _\ K1]80?V1/L>O?;T_O#\Z M/[03^\SKR#_ (3$_P!]:7_ (3 _P!]:/;H/[(GV/7?[03^]2_V@G]X?G7 MD/\ PF! O_K2'QB?[_ZT?
6$+^R9]CU[[>G]X?G1]O3^\SKR# A_F O_ *T? M\)B?[ZT ;H/]GV/7_[03^]2C4$ _O"O(?\ A,# _ ' UI?\ A,3 _ ' UI?6$ M^@\Z7[=' 'A7C \ PF1_O_K1_P)F?[._M/VZ) LFH>OF 3
M^*:=03^*\B_P"$R\ ? 6C_A,# _?\ UI?6$-93/L>N?V@G]ZC[>G]X?G7D M7_"8- _?_ %II\8M _?_6CVZ' _&3/L>O_ &]/[P _E_M!/[P _O' _/A_F O_M *T?\)B?[_ZT>W0?V5/L>P?V@G]ZC^T$_O"O(/\ A,3_
' _UH_X3(_W_ -:: MKH7]E3['K_\ :"?WA^=']H) >%>0?\)D?[_ZT?\ "8G^_P#K3]O$/(]F>O\ M]H)_>% U!/[PKR' _(3 _P!]:/^$Q/]_P#6I^L(?]DS['L OT_O"C[=' >% M>/?\)F1 '^M(?&I_O_K5*LC-Y7-
'L)U!/[PIO]HI >%>.GQH?[_ZTJ>,B3] _M]:KVJ)_L^2/8Q?]?XJF6[!UY5:>*#(1\ ZUT-GK)DQ\U6JJ,9X-H[E9\]ZE M63-<[;7N\#FM6';=5]29R5*7*:(:G@U%'R*E IG,Q:6DI:9 4444 %%%% !1 M110
4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
M% !1110 4444 %%%% !1110 44F::6I-CL*34;-BF/+B MJTMP .M2VC2--L6>YV \UD76L"//S5%]%X IYKC-5U$C=\U9RE8[J.&YMS9O
MO$(P1NKDM3U7S=V&K#O=2.X -68]Z6/6N>51GMX;!10E^[2$\UE&-\U?:4-4 M9(K"4SWJ.&216"N.]+\WK4_%)BLG,[HX=%<[O6F?-ZU:V9H\NI)#\WK2;7]:L;:.*?,Q_5XE?
M8_K1M8=ZL<4<4M3[:-M',P^KQ(,-ZT;7]:L;:7 I\S)^KQ M*V&]:7+>M3[:3;2'B5]K>M'S>M6<4RFDY L/ M$@^;U-)AO6K'ETRNA2#V$2MM?UHPWK5G I-M/F8QJ\2O\WK2 -ZU-MHVTN9E M?
5XD7S>IHPWK4V*,4^87L(D'S>M'S>IJ?;1Y=+F'["')7^;UHVMZU9V4;::DQ M.A$K;6]:/F]:L8%)MH)%AO6CYO4U-BC;3YA M>PB0?-ZTGS>M6-E'ETN8?L(E?#>M&U_6K.VC
I\S)^KQ*V&]:/F]:L;.3;2< MF4L/$A^;UI<-ZFI=M+BCF#V$2'#>M)\WK4^*3;1S"]A$A^;UHPWK4VRG!:.9 ME?5XD&U_4T8?UJS@4A6CF#ZO$K?-ZT?-ZU/LI-M',P^KQ(L-ZT;7]:G %+Q1 MS!
[")6PWK1\WK5@BF[:.9A]7B0 -ZT8;U-3;:=MI\S%[")7P_K2 -ZU/M%&V MDY,/8(K_ #>M&&]:GVT8H4F+ZO$K[7]31M;UJQ@48%/F%]7B0?-ZT?/ZU-BE MQ2YF/V$2OAO6C:_J:L8%'%-2%]7B08?
UI<-ZU-@48HN/V$2##>M)M?UJQBC MI\PO81*VU_6C#>M6<"DVTN83P\2O_K1AO4U/MI<"ES,7U>)7VOZTN']:GXH
MP*KF*]A$A^,UI/F]:GQ1MHN)T45RK^M,*/ZU;P*0XJU(PG0B46#CO2QEMPYJ M9P*:@^:M8NYP5:*-S36;(YKMM+)PO-<7IHY%=IIA^[6L3RZU,ZZR)P*WK4]* MY^R/ K>M>U=$#Q,3&QKPGBK
-5H1Q5@"NA'D36HZEI*6F9A1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1 !1110 444E !FD)IIS3>: 'U[8%,J&;.TU+1
M<2C=78C!R:P+S64CSEJEUCRH9C3Q,%U(_,IPD%2#3+C^X:7^S+C^X:7^S+C^X:ATV=2Q<.XT2"G>8M0)_9MQ_=-) 9US_<-+D8/&0[@9!49<5)_9MQ_<-+_9 MEQ_<-2Z;&L9#N1;Q2[Q4O]F7']PT?
V9AW&>8* M XJ3^S+C^X:7^S+C^X:GV;']S8_KL.Y%O%.$@J3^S+C^X:7^S;C^X:7LV M'UR'<02"@R"E_LZX_NFC^SKC^Z:/9L/KD.Y&9!3?,%3?V;8*3S!4G]FW']PT?V9*F_LR
MX_N&C^S+C^X:7LV'UR'8*E_LRX_N&D_LRX_N&JY&3]=CW(]XHWBIAI MEQ_<-+_9EQ_<-'LF/ZY#N0>8*/,%3?V98*F_LRX_N&D_LRX_N&A08??(=R+S!2>8 M*E_LRX_N&C^S+C^X:?(R?
KD.Y#Y@H\P5-_9EQ_<-']F7']PT0ISV/KD>Y'Y@H M\P5)_9EQ_<- TRX_N&GR,'C(=R/>*87JR-,N[AH.EW&/N&J4&83Q<>Y19Q2 M(XW59?2KC^X::FE7.[[AK6,&<53%1-?
3F&179ZJ9_#7)Z;ILX*Y4UVNEV^6/2D\H>E'(C98B2.%'A"+^X/RIP M\(1?W!^5=SY(]*41#TI>S17UR:ZG#CP?%_<'Y4?\(?%_<'Y5W7ECTH\L>E'L MT/Z]4[G"'PA%_<%)_P
(C%_<'Y5W7E#TH\H>E+V:*6/J]SA/^$0B_N#\]/\ MA$(O[@KN_*'I1Y0]*/9H/K]3N<)_PB$7]P?E2_\ "(1?W!7=>4/2CRAZ4U2B M'U^KW.&_X1&+^X*3_A$8O[@KNO*'I1Y0]*KV<0^OU>YPW_"(1?
W!^5.\A"+^ MX/RKN*I2^6/2E[.(?7ZOSB+Z_5[MG#'PA%_<%- X1"+^X*[GRQZ4>6/2G[.(_K]7N<- PB7]P4?\(C%_<%=SY0] M*/*I4^RB/Z_5[G#?\(A%_<'Y4?\(A%_<'Y5W/ECTH\L>E4J<1?
7JOE+V41_7ZOE'E#TH]E$/K]7NYPW_"(1?W!1_PB$7]P?E7<^6/2 MCRQZ57LXB^O5>YPW_"(1?W!^5'_"(Q?W!7<^4/2CRAZ5/LHC^OU>YPW_B, M7]P?E1_PB,7]P5W/E#TI/*'I1[*(?7ZOE+Y
M0]*/91#Z_5[G#?\ "(1?W!^5)_PB$7]P5W7E#TI/*'I1[*(?7ZOE M'LHA]?J]SAO^$1B_N"C_ (1&+^X*[CRAZ4>4/2CV40^OU>YP_P#PB,7]P4?\ M(C%_<%=SY0]*/*'I1[*(?7ZOE)Y8]*/91#Z M]4[G#?\
"(1?W!2 \(C%_<'Y5W'E#TI?*'I1[*(?7ZG6/2FJ40^OU>YPW_B$7]P4?\(C%_<%=SY8]*/+'I3]G$/KJ7N< M- PB,7]P4H\(1?W!^5=QY0]*7RQZ5/LT+Z_5[G$?\(^ "'P_P!P?E7;
M[!Z4;!Z4_91%]>]JSACX0B_N"D_X1&+^X/RKNO+'I2>4/2E[*(UCZO4/2CV41_7ZOYPO_"(Q?W!^5'_"(1?W!^5=UY0]*/+'I35*(?7ZO4/2CRAZ5/LHC^OU>YPO\ PB$7]P?
E1_PB$7]P5W/E#TH\H>E'LD'UZIW. M& X1&+^X*7_A$8O[@*.*NY\H>E'E#TH]F@^CU.YPQ_"(Q?W!1_P (A%_<%=UY M0]*3RAZ4>R0?7JGE'LHA]?J]SA?^$0B_N"C_A$(O[@KN?*'I2^
M4/2CV40^O5.YPO\ PB$7]P?E1_PB$7]P?E7=>4/2CRAZ4>RB+Z]4[G_\(A% M_<%'_"(1?W!7<^4/2CRAZ4>RB/Z]4[G#?\(C%_<+%_PB,7]P?E7<^4/2E\H> 9B_N"ME\LD)XZIW.&_X0Z(_P IZ^#(?
[@_*NX$8]*<$'I1R(REBZCZG'1>%8H^B"K MT6C)%_"*Z/8/2F[!342?K$^YF1687M5R.'%3^73@M6D1*JV"C I])2U1BPHH MHH$%%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110
E&:0FF[J8F.HINZES2%87%&*,TM38JP4TTI-,+8I6* M08HQ3#*!3#< =Z>A?*V6!3JI&Z [TW[:/6BZ#V4F7Z*S_MR^M'VY?6E=#]C(MT*3-
41>@]Z=]K'K1="]E(N4F*]?:QZTGVP>M/F0>SD7,452^V#UI?M8]:7,A M^SD7:(JC]'K1]K'K2Ya>RD7]*H?;!ZT?;!ZTN8/92+V:,U0^V#UH^V#UI<
MX_8R+^:6L_[8/6E^V#UIJ0>RD7Z3(JE]K'K1]J'K3YQ>RD7LT51^UCUH^V#U MI\Z#V4B]Q1Q5'[:/6D^VCUHYD'LI%_BDJC]L'K1]L'K2YA>RD7]*H?;!ZT?;!ZT?;
M!ZT^9"]E(NT<51^V#UH^V#UIRD7J3%4_M@]:/MH]:?,@]E(NT51^V#UH^ MV#UHYA^RD7J2J7VP>M'VP>M','LI%W%+Q5+[8/6C[6/6GS(7LI%WBCBJ?VH>
MM'VL>M',@]E(MXHQ5/[8/6C[8/6ES(?LI%VBJ7VL>M'VH>M+F%[*1=I,53^U MCUH^V#UI\R'1RD7.*3%5/M8]:3[8/6CF0>RD7, M4M4OM@]:3[8/6ES(?
LI%ZBJ/VP>M'VP>M+F#V4B[1BJ7VP>M+I,K'3YD'LI% MWBCBJ?VL>M'H/F0O92+G%)BJGVL>M)]L'K1S(?LI%REJC]L'K1]L'K2Y@
M]E(O4E4OM@]:/M@]:.8/92+N**I?;!ZTOVL>M',@]G(NT52^U#UH^UCUIM)]L'K3YD/V4B]15'[8/6C[8/6ES![*1>I,52^V#UH^V#UI\
MR#V4B[2U1^V#UH^V#UHYD'LI%ZDXJE]L'K1]L'K2YD'LI%W%+5'[8/6C[8/6 MGS(/92+U%4?M@]:/M@]:7,'LI%W HQ5+[8/6E^V#UI\R#V4B[2U1^V#UH^V# MUI\R%
[*1>I,52^V#UH^V#UHYD'LI%VBJ7VP>M)]L'K4\R#V4B]Q15'[8/6E^ MV#UHY@]E(N8I<52^V#UI?M8]:?,@]E(NT53^UCUI/M8]:?,@]G(N8HP*I_;! MZTGVQ?
6CF0>RD7J*H_;%]:3[8/6CF0_92+_%'%4/MH]:/MH]:+H7LI%^DS51 M;H-WJ59-W>J5A.#6Y-FEI@IPIDL6EI*6D2%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% ! M1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4AI:* &&HR*
MFQ2$"@"+!I:&D5:@DNXU'6@I(D>4)UJK)J21]36=?:DB@X:N2U+6",X:I;L= M%.CS'92Z]$G5A^=4I?$L*_Q#\Z\NOM!3/8)/%, M_C'YU7;Q3"?XQ^=>)RZUUMXFB/\8 .HSXCC_O_ M *UX^FJW!_B-
2?VG)HO[X ,O&?[4N/[QH_M6Y_O&CVI#R]' MLW "31?WQ^=-/B2/^ /SKQT:K-)U6)8!'L' "21 WQ^=.'B6/ M^^/SKQ_^U9_[QIIU6X_O&E[5C_L],]D_X26+^^/SI\2Q?WQ^=>.?VM-
/V@UER/83XDC _+X_.D_X22/^^/SKR#^U;C^\:/[4N/[QI>T+_LZ) MZ_\ \)+' _?'YT?\ "2Q_WQ^=>/\ ]7']XTG]JW']XT_:$_V>CV' _A)8_P"^ M/SH_X26/^^/SKQW^U;C^\:7^U;C^\:/:,/[/1[&/$L7]\?
G3AXEB_OC\Z\:_ MM:X_O&C^UKC^\:/:,7]G(]E/B6+^^/SIA\2Q_P!\?G7CO]JW']XT?VI_M2X_O&C^U+CU-'M1_V>CV+_ (26 M/^^/SH_X26/^^/SKQW^U+C^\:/[5N/[QI^U%_9Z/8?\ A)8_[_ZT?
\)+' _?_ M %KQ[^U+C^\?SH_M32]32]HP_L]'L/\ PDL?]?G2_\ "2Q_WQ^=-/B2\ M^_C^U;CU/YT>V8?V>CV+_A)8_P"^/SH_X26/^^/SKQ[^U;C^\:/[5N/[QH]J M'JGH]A_X26/^_P#K2_\
"2Q_WQ^=>._VKCV+_A)8 M_P"^/SH_X26/^^/SKQW^U;C^\?SI?[5N/[QH]KQ?\ "2Q_WQ^=.'B6 M+^^/SKQO^U;C^\:/[5N/[QI>U8O[/1[+_P)-%_?'YTA\2Q?WQ^=>- VM-
'M6']G(]B_X26/^^/SH_P"$EC_OC\Z\=_M6X_O&C^U;C^\:/:#_ M +/1[(/$L7]\?G2_\)-%_?'YUXU_:MQ_>-'JK7']XT>U8O[.1[&?$L7]\?G2 M?\)+' _?'YUX[_:MQ_>-'JJW']XT>U#^ST>Q#Q+'
'Q^=/'B:+^^/SKQK^U; MC^\:/[6N/[QH]JP_LY'LI\31?WQ^=-/B6/\ OC\Z\=_M:X_O&C^U;C^\:/:L M/[.1[#_PDL?]\?G1_P)+' _?'YUX]_:MQ_>-'JJW']XT_:C_ +/B>Q?)\+' _M 'Q^=)_PDL?]\?G7CO\
:MQ_>/YT?VI._VK-'M0_L^](/$T7]\?G2_\)-%_?'YUXU_:UQ_>-'] MK7']XTO:L7]G(]D/B6+^^/SIA\2Q_P!\?G7CWJW']XT?VKQ?\)+' _?'YTX>)8_[X_.O' M/[5N/[QH_M:X_O&CVK%_9R/9?
^$FB_OC\Z#XFB_OC\Z\:_M:X_O&C^UKC^\:_M7M6+^SD>Q'Q+' ?'YTG_ DL?]\?G7CW]JW']XT?VI-']JW']XT>U8?V>CV+_A)8_[X_.E_P"$EC_OC\Z\<_M6X_O&_M6X_O&_M6X_O&

;^Z:/[;^Z:]6_X1[_ &/TH_X1 M[_8 2CV8OKB/*_\ A'V_NFC^P#_=->]?\(__ +%'_"/_ .Q1[-C^N(\|_L%O M[M']@M_=->]_\(]_L?I1_P (]_L?I1[,/KJ/*O[;^Z:/^$?;^Z:]6_X1[_9 M_2C_ (1[_8 2CV8?7$>4_P!@-_ =-) 8#?W37J_\ PCW^Q^E) P (]_L?I1[, M3QB/*?[;^Z:7_A'S_=KU7_A'O\ 8_2C_A'_/8H]F-8Q'E?]@-_ =-']@M_=_MKU3_ (1__8H_X1[_ &/TH]F'UQ'E7]@M_=-']@-_=->]_P#"/?['Z4?\(]_L M?I1[,/KJ/*O[;^Z:/[;^Z:]6_X1[_8_2C_ (1[_8_2E[,/KB/*/[;^Z:/ M[;^Z:]6_P"$> _V/TH_X1[_8_2G[,7UQ'E7_ C[?W:7^P&_NFO5/^$?_P!C M]*/^$?\ ]G]*/9L?UQ'E?]@-_=-) _8+?W:]5_P"$? _V^$3_A'O]C]*/9A]=1Y M7_8+?W31_8#?W37JQ_^/?[' Z4O\ PCW^Q^E'LP^N(\I_X1]O[II/[;^Z:]7 M_P"$> _V/TI/^$> _V/TH]F#QB/*?[;^Z:/[;^Z:]6_X1[_8_2C_ (1[_8_2 MCV8OKB/*_P#A'V_NFC^P&_NFO5/^$?\ ]BC_ (1__8H]FQ_7$>5?V"WJVC^P M6_NFO5?^$>_V/TH_X1[_ &/TH]F'UU'E7]@-_=-']@-_=->K?\(]_L_I1_PC MW^Q^E'LP^N(\I_L!O[II/[;^Z:]7_X1[_8_2D_X1[_8_2CV8GC$>4_V_WJT MTO\ PC[?W:]5_P"$> _V/TH_X1_\ V*/9@L8CRO\ L _W32?V WJVO5?^$?\ M]BC_(1[_8_2CV8_KB/*O[!;^Z:/[!;^Z:]5_P"$> _V/TH_X1[_9_2CV8?74 M>5?V WJTT?V WJTUZM_PCW^Q^E'_CW^Q^E+V8??$>4?V WJTT?V WJTUZM M_P (]_L?I1_PCW^Q^E/V8OKB/*O[;^[2_V WJTUZI_PC_\ L4?\(_\ [/Z4 M>S8UC$>5_P!@-_=-) 8+?W:]5_X1_P#V^/\ A'O]C]*/9A]=1Y5_8+?W31_8 M#?W37JQ_CW^Q^E+_PCW^Q^E'LP^NH\I_X1]O[II/[;^Z:]7_X1[_8_2D_ MX1[_&/TH]F#QB/*?[;^Z:/[;^Z:]6_P"$> _V/TH_X1[_8_2CV8OKB/*_^ M$?;^Z:/[;^Z:]4_X1__&*/^$?_-BCV;']<1Y5_8+?W:/[!;^Z:]5_X1[_M &/TH_X1[_8_2CV8?74>5?V WJTT?\(^W]TUZK_PCW^S^E+_ ,(_L?I1[,/ MKB/*?[;^Z:3^P&_NFO5_P#A'O\ 8_2D_P"$> _V/TH]F)XQ'E/\ 8#?W32_\ M(^WJVO5?^$>_V/TH_P"$? V*/9@L8CRO^P#_ '31_8#?W:]4_P"$? _V/TH_X M1[_8H]F/ZXCRK^P6_NFO5?^$>_P!C]*/^$> _V/TH]F'UU'E7]@-_=_M-'_"/M_=->K?\(]_L?I1_P (]_L?I2]F'UQ'E']@-_=-']@-_=->K?\ "/?[M'Z4?\(]_L?I3]F+ZXCRK^P&_NTO]@-_=->]?\(]_L?I1_P (_P#['Z4>S8UC M$>5_V WJTTG]@M_=KU7_(1__8I/^$>_V/TH]F'UQ'E?]@M_=-']@-_=->J_ M\(]_L?I2_P#"/?['Z4>S#ZZCRG_A'V_NFC^P&_NFO5O^$>_V/TI/^$>_V/TH_M]F#QB/*?[;^Z:/[;^Z:]6_X1[_&/TH_X1[_8_2CV8OKB/*O\ A'V_NFE_ML_W37JG_"/_.Q1_P (P#[%'LV/ZXCRK^P6_NT7 V"W]TUZK_PCW^Q^E'_" M/?['Z4>S#ZZCRK^P&_NFC_A'V_NFO5?^$>_V/TI?^$>_V/TH]F'UQ'E/]@-_ M=-) 8#?W37J__"/?['Z4G_"/?['Z4>S$\8CRG^P&_NFC^P#_ '37JO\ PCW^ MQ^E'_"/? ['Z4>S%]<1Y5_8!_NFE_L%O[IKU/_A'_/8_2E_X1[_8_2CV8_KA MY7_8+?W32_V"W]TUZG_PCW^Q^E+_,(_L_I1[,/KJ/*_P#A'V_NT?\ "/M_M=KU;_A'O]G]*/^$>_P!G]*KV8_KB/*/[;^[1_8+?W37JI\/? ['Z4?\ "/?[M'Z5/LQ?74>5?V WJVE_L_W37JG_C_/L4?\(__L4O9C^N(\K_+ /]TTG M]@M_=KU7_A'_/8H_P"$>_V/TI^$#ZXCRK^P6_NTO]@-_=KU3_A'O]C]*7_A M'_\ 8IJF+ZXCRK_A'S_=-']@-_=->J_\(_\ [%)_PC_^Q1[(?UQ'E7]@M_=H M_L%O[IKU7_A'O]C]*3_A'O\ 8_2E[,7UT\J_L!O[M=_8)_NFO4_^$>_V/TH_MX1__&/TH]F'UQ'EPT)O[M+_&&WJVO4?^$>_P!C]*/^$>_V/TH]F+ZXCRW^ MPF/\-)_PC[?W:]4'A[_8IW_"/?[/Z4_9C6,1Y3_8#?W31_8+?W37JO\ PCW^ MS^E)_P (]_L?I1[,?UQ'E?\ 8+?W:3^P6_NUZI_PCW^Q^E'_CW^S^E/V9/ MUP\K_L!O[IH_L%O[IKU3_A'_/9H_P"$>_V*/9A]_V/TI<@_Q/4P\(]_L?I1_+?W37JO_CW^Q^E'_"._P"Q^E4H M"^N(\]_L)O[M(=#;^[7JO_"._P"Q33X<_P!BGR$/%GE#:&W]TTL>ÃMN'RUZF M?#?^Q^E*OAO!^Y^E/E,98FYQVEZ25*\5W6E6)4+Q5BUT3RR/EK0GH*FS2$T M[!=D?DIZ"D\I/04\FFG-%AZC?*C]!1Y4?H*.:!FBQ5AWDIZ"E\E/04@IV:=B M1ODIZ"CR4]!3J.:D!ODIZ"D\E/04^BF@&>2GI2^2GH*=13#4;Y*>@I?)3T%+ M3A4@-\A/2D\E/05)2&E<5V1^2GH*/)3T%.:.:5QB>2GH*/)3T%.%+2YA:D? MDIZ"CR4]!3S2@J4TVG<5QGE)Z"E M\E/04M**!B>2GH*3R4]!3\T9I"U&>2GH*3R4]!3Z2F,,Y*>@I/(3T%24N:+A M=D?DIZ"CR4]!3Z3FBX">2GH*/)3T%.I2GH*/)3T%/S24!J,\I/04>2 MGH*=S2T#(_(3T%'D)Z"I@I?(3T%.S1FD+49 MY*>@I/*3T%29IO-,8WR4]!2>0GH*DI:+AJ1>0GH*7R4]!4F:2BX78SRD]!2^ M2GH*7FE% ">2GH*3R4]!3\T9I"U&>2GH*3R4]!3Z2F,;Y*>@I/(3T%24N:+A M=D? DIZ"CR4]!3Z2BX">2GH*/)3T%.I0GH*ES11<+LC\E/04>4GH*?2@I?(3T%.S1FD+4 M9Y*>@I/*3T%29IM,>HWR4]!2>0GH*?3J+AJ1>0GH*7R4]!4F:2BX78SRD]!2 M^2GH*7FEH ;Y*>@H\E/04_-&:0M1GDIZ"D\E/04^DYIC&^2GH*3R$]!4E+FB MX79'Y*>@H\E/04^DHN&HWR4]!2^2GH*6G9H%]-\E/04DGIZ"GYI#2#49Y2>@ MH\E/04[FEIC(_(3T%'D)Z"I2GH*7R$]!3J,T MA:C/)3T%)Y2>@J3-:ICU&^2GH*/)3T%.IU%PU(O3T%+Y*>@J3-)1<+L9Y*> M@I?)3T%+S2T-\E/04>2GH*?FC-(6HSR4]!2>2GH*?2@J2E MS1<+LC\E/04>2GH*? 247#4;Y2>@I?)3T%+3LT"U&^0GH*3R4]!3\TE(-1GE) MZ"CR4]!3N:6F,C\A/04>0GH*EHS1<+LC\E/04>4GH*?2@I?)3T%** M7-(6HSR4]!2>2GH*DS3:8:C?)3T%)Y">@J2EH'@IU% #/)3T%'D)_=%2TM(M+LA\A/04ODIZ"I*2@+C/)3T%)Y*>@I_-%,!GDIZ"CR4]!3\T4!J-\E/04>2G MH*=2T 1^0GH*/(3T%2T4@NR+R4]!2^2GH*?2 M@H\I/04[-'- #?)3T%'D)Z"GTHH C\A/04>0GH*FIIIW%=D?DIZ"CRD]*?24 MAB>2GH*/)3T%+1FF WR4]!1Y*>@IU'-(!OD)Z"E\A/04\4M*XAHA0=A3@H%+ M11<04M)10F(6BBJ **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "DI:* &FFFGTWBD4AN31DT[BCB@8VB MG<4<4 ,I<4[BCB@+AMHVTN11D4[BU&8HIV11D4[@ I:3(HW"D 8I*7<*,BG< M!M. I,BEW"BX"XI:;N%&X5+9%CJ*3<*3<*5@LQ<48I-PHW"BP]1:,4FX4NX5 M/*+4*,4FX4;A341ZBXI:;N%+N%.PM1:,4FX4FX46"S#%)2[A29%%AB*!B 4[%&11D4"%Q11N%&12:$%%&110 4444"""BBEHL 44450!11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1124 +129H MS0*XM%)10,6FDXH)JM<3;%)I#2'O*!WJL]VH_BK!U'5_)!YKDK[Q;Y1/S_K6 M;D=-.E<]'-\O]ZD^W+_>KR0^-^?O_K3E\:9_C_6LW,ZHX6YZS]N7^]1]N7^] M7E0\$8_[?ZTO_F/^W^M3[0T6"9ZI]N7^]1]N7^]7E7_F7^W^M)_PF?^W^ MM'M1_47V/5_MJ_WJ/MJ_W]\G_P"$T_V_UH_X33_;_6CVH_J$NQZO]N7^]1]M M7^]7E7_"9_[?ZT?\)E_M_K1[47U%)CU7[:O]ZC[:O]ZO*#XT_P!O]:3_(37 M_;_6CVH?46>K?;E_O4GV]?[U>4_\)GX^/]:7_A,?]O\ 6G[4:P+/5?MZ_P!Z MG"]?^_"M_V]J#ZBSU?[:O]ZD-\)OZO*?^$T"]_\ M6C_A,L_Q_K1[5!]1EV/5/MZ_WJ47R_WJ\I_X3'_6E_X3'_&_UH]J/ZB^Q MZL+U?[U.^V+_]\G_X3/\?ZTO_FO^W^M/V@OJ$NQZO\;5_O4?;5_O5Y M1_PFO^W^M'_":?[?ZT>T%]0EV/5_MJ_WJ3[:O]ZO*/\ A-?]O]:3_A-?]O\ M6G[0/J,NQZN;U?[U-^WK_>KRK_A-_,Q_K1_PF/\ M_K2]H-8%GJOV]?[U.%Z MO]ZO*?\ A,?]O]:/^$SQ_'^M+VH_J+[']_VU?[U(;Y?[U>4_\)I_M_K2'QG_M +?ZT_:"6 EV/5?MZ_WJ7[O\ >KRD^,_] MO]:3_A,O]O\ 6E[0? U!]CUD7R_WJ7[:OK7DP\9_[?ZT[_A-/]O\ 6G[07U"7 M8]6^VK_>I#?+_>KRH^-/]O\ 6F_\)E_M_K1[0:P$NQZM]O7^]3A>K_>KR?\ MX3+_&_UI1XT_P!O]:7M0>_?8]8^VK_>%(;U?[U>4_\ ":C^_P#K2'QG_M_K M3]JA?4)'JOV]?[U*Y[U>3_/"9?[?ZTH\9_P"W^M'M!_4'V/6/MJ^+M7 MUKR@>-/]O]:/^$T_V_UH]H+ZA+L>JF^7^]2?;U_O5Y2?&?\ M_K1_P)E_M_ MK1[0?U!]CU? [IWVU?[PKR8>,_\;_6G?\)J/[_ZTO:B> D>K&]7^]2& M^7^]7E1\:?[?ZTW_(3/;_6CVHU@)=CU;[>O]ZG"]7^]7DW_"9?[?ZTX>,_ M]O\ 6G[0'@'V/6/MJ^M(;U?[U>4_\)I_M_K2'QG_+?ZT>T%]0EV/5? MZ_WJ M47R_WJ\H_P"$R_V_UH_X3/\V_U?]0?8]8%ZOJZE^VK_>%>4#QI_M_K1_MPFH_O_K3]JA?4)'JIOE_O4GV]?[U>4GQG_M_K2?\Y?[MU.^VK_>KR8>,_P#;_6G? \)I_M_K3]H\X"78]6^VK_>I#?+_>KRH^-/\ ;_6F MGQG_+?ZT>T&L ^QZM]O7^]3A>K_']G_X3+_;_%I1XT_V_P!:7M0> ?8] M8^VK_>%(;U?[U>4_\)J/[_ZTA\:?[?ZT_:H7U"1ZK]O7^]2B^7^]7D__ F7 M^W^M+_PF?^W^M'M! 4'V/6!>K_>I?MJ_WJ\H'C3_&_UH_X33_;_%H]H+ZA M+L>JF^7^]2?;U_O5Y2?&?^W^M'_"9?[?ZT>T'|0?8]7%\O\ >IWVU?[U>3#Q MG_M_K3O^$U']_P#6E[43P$NQZO\;5_O4TWR_P!ZO*O^$T_V_P!:;_PF?^W^ MM/VHU@)=CU;[>O\ >IPO5_O5Y-_PF7^W^M.'C/\ V_UH]H#P#'[K'VU?[U(;MU? [U>4_\)I_M_K2'QG_M_K1[0?U"78]5^WK_']!?+_>KRG_(3+_;_6C_A_M_P#;_6E[0KZ@^QZP+U?[U+]M7^*\H_X33_;_6C_(34?W_UI^U1U"1ZL;Y M?[U-^WK_']U]C/_;_6D_X3+_;_%I>T']0? 8]8^W+_']=]M7^]7DP\9_[M?ZT[_A-/]O\ 6G[03P$NQZO]M7^]3?MR_P!ZO*CXT_V_UI\9_[?ZT>T&L!+ ML>K?;U_O4X7R_P!ZO)_^$R_V_P!:4>,_]O\ 6E[4'@'V/6/MJ_WA2&]7^]7E_M/_": P"W^M(? &G^W^M/V]%]0D>]_;U_O4OV]?[U>4?\ "9?[?ZT?\)E_M_K1 M[0?U!]CU@7J_WJ7[:O\ >KR@>-/]O]:/^$T_V_UH]H+ZA+L>K&^7^]3?MZ_W MJ\]/C\ &_UI?^$R_V_P!O]:/:#6 ?8]7^W+_>IWVU? [U>3#QG_M_K3O\A-!_M?_6E[4'@)=CU?[:O]ZFF^7^]7E7_FG^W^M-/C/_;_6CVHE@)=CU;[>O]ZG M"^7^]7DW_"9?[?ZTX>,_]O\ 6G[0;P#[K'VU?6D-2OZO*?^$T_V_UI#XT MV_UH]H+ZA+L>JF_7^]0+]?[U>4_\)E_M_K1_PF7^W^M+VA7U!]CU@7J_WJ7[M:O\ >%>3CQI_M_K2_P#":C^_^M/VJ^H2/5C?+_>IOV]?[U>5'QG_M_K3?\ MA,O]O]:7M!K /L>L"^7^]3OMJ^M>3#QG_M_K3AXT_P!O]:?M!/ 2[']_VU?6 MFF^7^]7E1\:?[?ZTT^_]O\ 6CV@+ 2['JWVJ?6 M^M'M^M 6 EV/5OMZ_WJ<+Y?[U>3_\ "9?[?ZT#QG_M_K2]H-X!CUG[:O]X4AO M5_O5Y3_PFH_O_K2'QI_M_K3]JA?4)'JQOE_O4GV]?[U>4_\ "9_[?ZTG_"9? M[?ZTO:#^H/L>LB^7^]2_;_O5Y-_PFF/X_UI?^$V_P!O]:?M"7@9=CUG[:O] MX4?;_O5Y./&O^W^M+_PFO\ M_K1[0/J,NQZO]M7^]1]M7^*\G_.$U_P!O M]:/^$U_V_P!:/:!]1EV/5_MJ_P!ZFF^7^]7E/_": _P"W^M'_F6?X_UH]H" MP+/5?MZ_WJ47R_WJ\I_X3'_;_6D_X3+\?ZTO:E?47V/6/MJ_P!ZE^VK_>%> M3? \ ":_[?ZTH\:_[?ZT_:$_49=CUC[:O\>KRD>,_Q_?_6E_P"$R']_M]:?M!?46>J_;E_O4?;E_O5Y2?&?^W^M-_P"$T_V_UJE-">#9ZS]M7^]2B]7^_M]7DO_";8_C_6G)XV!/W_-:.8AX1GKBW2GO4RS]Z\RL_%?FS?/^M=#9ZWYN M/FIHQGAFCL XI=U9$%[O Y]['-NJK&$J;1;W4FZFKR*=MIF>@;J7=2;:7;0+ M0=2TE+3$%%%% @HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *2EHH M ;13]*16$HI:2@:&FJ%XI*&M BJ\R;E-)EQ//];MW8-C->=:MITS,V,U[1?6 M/F \5SEYHF\GY/TK*2/0HR2/&FTJXW? Q5+'I<_\ M5Z>?#O/W/TIP\/?['Z5 MERL]"%6*/-!ILX'>D.GS^]>FGP_Q]S]*C;P^?[GZ5+@SIC7@>9FPF]Z9_9_ MO7I1\/"^Y^E^_"/^Y^E1R,V6(@>:?V=/[T?V=./.6O3/^$>_V/TH/AX_W/TH M]FROK$.YYI]@F'K1]BF_VJ']/AX_W/TIO_"/-_<_2GR,7MZ?<\X.GSG^]2?V M;/\ [5>ECPZ?[GZ4_P#X1W_8_2IY6'MZ?<\R&G3^]/%A-[UZ2?#Q_N?I33X> M/]SJ*.5E*M3[GG'V&;WIL\)>O2/^$>/]S]*/^$=/]S]*?(Q^VI]SSG[#-[TOV";WKT7_A'C_<_2G#P\ M?[GZ4^1D^VI]SS;^SI_>D_LZ? WKTS_A'C_<_2@^'C_<_2GRL/K%/N>9?8)_> MD^P3^]>E'PZ?[GZ4W_A'3_<_2GRL7UBGW/-?[.GJZ;_9_O7IW_"/'^Y^E M1GPZ?[GZ4^5A]8IGFGV";WH^P3^]>D?\(Z?[GZ4H\.G^Y^E)Q8?6*?<\W_LZ M?WH_LZ? WKTP>'3_<_2E_X1T_W/TJ>1C6(I]SS+^SY_>C^SYO>O2SX=/]S]*3 M_A'3_<_2FHL?MZ?<\V_L^?WI?[.GJZ]*'AT_W/TIW_"/^Y^E/E8GB*?<_ML^?WI/L$WO7IA\/^Y^E1GPZ? [GZ4^5B^L4^YYM]@F]Z7^SY_>O1QX=/]S]* M>/#I_N?I4N+#ZQ3[GFO]G3_[5']G3^]>F_\ "."G^Y^E(?#I_N?I2Y65]8I]S MS/\ L^?WH_L^?WKTK_A'3_<_2@>'3_<_2J46'MZ?<\V_LZ?WH_LZ? WKTS_A' MC_<_2@^'C_<_2GRL7UBGW/,CI_O2?8)O>O2CX=/]S]*;_PCI_N?I1RL7UB' M<\X_L^?WH_LZ?_:KTE'?#I_N?I3QX=/\ <_2H<&/ZQ3[GF?\ 9T_O1_9_O7I MG_".G^Y^E-/AT_W/TH46/V]/N>:_V?-[TO\ 9T_O7I/_CI_N?I3AX>/]S] M*KE8.O3[GFG]G3^]!T^?WKTW_A'C_<_2F'PZ?[GZ4^5D_6(=SS/[!-(T?8)O M>O2#X=/]S]*4>'3_'/TI.+#ZQ3[GF_]G3^]'}GS^]>F#PZ? [GZ4O_".G^Y^ ME3R,?UBGW/,O[/G]Z/[/F]Z]+/AT_P!S]*3_(1T_P!S]*:BQ^WI]SS;^SY_M>C^SI_>O2AX=/]S]*?\ \(\?[GZ4^5B=>GW/,O[.GJZ3[!/[UZ8?#Q_N?I49 M\.G^Y^E/E8OK%/N>;?8)O>E_L^?WKT?_A'C_<_2F'PZ?[GZ4^5D_6(=SS/[!-(T?8)O M>O2#X=/]S]*4>'3_'/TI.+#ZQ3[GF_]G3^]'}GS^]>F#PZ? [GZ4O_".G^Y^ ME3R,?UBGW/,O[/G]Z/[/F]Z]+/AT_P!S]*3_(1T_P!S]*:BQ^WI]SS;^SY_>C^SYO>O2O^$=/]S]*\ \(\?[GZ4^5B=>GW/,O[.GJZ3[!-[UZ8?#Q_N? I49\.G^Y^E/E8OK%/N>;?8)O M>E_L^?WKT^\ X1T_W/TIX\.G^Y^E2XL/K%/N>:_V=/\ [5']G3^]>F_\(Z?[MGZ4A\.G^Y^E3R,?UBGW/,[/G]Z/[/F]Z]*_X1T_W/TH'AT_W/TJU%C]O3[G MFW]G3^]'}GS^]>F#P\?[GZ4'P\?[GZ4^5B^L4^YYD=/G]Z3[!-[UZ6WAX_W/ MTIG_CI_N?I1RL7UBGW/-_L$_O2_P!G3^]>D#PZ?[GZ5(/#I_N?I4.#']8I MJSS/^SI_>C^SY_>O3?\ A'3_ /TIA\.G^Y^E"BQ^WI]SS7^SYO>E_LZ?WKT MG_A'3_<_2G#PZ?[GZ57^P]O3[GFG]G3^]'}GS^]>F_\ "/^Y^E-/AX_W/TI M\K)^L4^YYE]@F]Z/L$WO7I)\.G^Y^E(/#I_N?I2<6'UB'<\X_L^?WH_LZ?\ MVJ]+'AT_W/TIW_".G^Y^E2X,?UBGW/,O[.GJZ/[/G]Z]+/AT_P!S]*3_(1T M_P!S]*:BQ^WI]SS;^SY_>E_LZ?WKTD>'3_<_2G?\(?[GZ4^5B=>GW/,_P"S MI^I3Y6+ZQ3[GFOV";WI?[/G]Z]'_.$=/]S] M*>OAT_W/TI.##ZQ3[GFO]G3_.U1_9T_O7IO_".G^Y^E(?#I_N?I4\K']8I] MSS/^SY_>C^SYO>O2O^$=/]S]*\ A'3_ /TJE%C]O3[GFW]G3^]'}G3^]>F M#P\?[GZ4O_"/^Y^E/E8OK%/N>8G3Y_>D^P3>]>EGPZ?[GZ4S A'3_<_2CE8 MOK%/N>E_LZ?WKT<>'3_<_2I!X=/]S]*EQ8_K%/N>:_V=/[TOV";WKT MK_A'C_<_2FGP\ <_<_2ERL/;T^YYQ]@F]Z3^SY_>O1_\ A'C_ '/TIP\/^Y^ ME/D8>VI]SS7^SI_>D_LZ?WKTW_A'O]C]*:?#Q_N?I3Y6+ZQ3[GFV";WI/L$ MWO7I)\.G^Y^E \.G^Y^E'*P^L4^YYK_9T_O2C39_>O3!X=/]S]*=_P ([_L? MI4N+#V]/N>9C3YQZT[[!-[UZ2?#Q_N?I3?\ A'C_ '/THY&-5J?<\X^P3?[5 M)_9T_P#M5Z2/#Q_N? I3AX>/]S]*118>WI]SS,Z=/[TG]GS^]>FGP\?[GZ5&? M#I_N?I3Y6+ZQ#N>:_8)O>E_L^?WKT?\ X1T_W/TIX\.G^Y^E)Q8?6*?<\U_L MZ?WH_LZ?WKTT>'3_ '/TI/\ A'C_ '/TJ>5C^L4^YYG_ &?/_M4? V?/[UZ4? M#I_N?I0/#I_N?I3Y6/V]/N>:?V=/_M4?V:/[UZ:/#I_N?I2_\([_ +'Z4N5D MNM3[GF/]GSCUH^P3^]>EGPZ?[GZ4P^'3_<_2J46'UBGW/-_L$_O1_9T_O7I(M\.G^Y^E2#PZ? [GZ468>WI]SS/^SI_P#:IPL)AZUZ4?#I_N?I3#X=/]S]*7^Q M>VI]SSC[#-[T?8)CZUZ+_P (\?[GZ4\>'C_<_2GR,/;T^YYK_9L_O2C3IQ_> MKTP>'?\ 8_2D/AX_W/TI\K+VU/N>:_8)O>E_L^?WKT8^C_<_2F_\(\W]S]* M.5A[:GW/.C83^]-.GS^]>DCPZ?[GZ4O_CIQ]S*:3,W5I]SS$Z?/\ [5/B ML)]PZUZ2?#I_N?I2+X=(/W/TK1)G/.K YC3+.4%>M=OI5O(N@&K2HHL@]K/N9O\ 9<7H*7^S(_[H MK1HHY4'MI]S._LR+^Z*/[+B_NBM&BCE0>VGW,[^RXO[HH_LR/\ MNBM&BCE0>UGW, [^RXO[HI/[*B_NBM*BBR#VL^YF_V5%_=%+_&7%_=%:-%%D M'M9]S._LR/\ NBC^RXO[HK1HHL@]K/N9O]E1>@H_LN+T%:5%'*@]K/N9WF1 M^@H_LR/^Z*T:*.5#]M/N9WJEQ?W12? V7%_=%:5%'*@]M/N9WJEQ?W11_9D?] MT5HT4@K2HHY4'M9]S._LN+ MT%'5F1_W16C12Y4/VT^YG?V7%_=%)_9<7]T5I44^5!{?UGW,W^RHO04O\9<7H*T:*.5!] M6?UGW, [^S(_[HH_LN+^Z*T:*.5#]M/N9OJEQ?W12_V7%_=%:-%'*@]M/N9WJF1 M1_W11_9<7]T5HT460O:S[F;_&5%_=%']E1>@K2HHL@]K/N9WJEQ>@H_LR/^ MZ*T:*.5#]M/N9WJEQ>@I/[+B_NBM*BCE0>VGW,[^RXO[HH_LR/T%:-%'*@]M M/N9WJF1?W12? V7%_=%:5%%D+VL^YF_V5%Z^C^RXO05I44VGW,[^RXO[HI/[*B_NBM*BBR#VL^YF_V7%Z^E_LR/T%:-%'*@]K/N9W] MF1_W11_9<7]T5HT4 MVGW,[^RXO04G]E1>@K2HI]%[6?ETEW*"Z? &O:IUME7M5BBG87,R,1@4[:*=1 M0*[$Q2T44""BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBDH 6BDS10*XM%%% PHHHH **** $HQ2T4!88::34A%,*T"L,W4\&DVT MX+0.PX4M(*6@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BDS2TK@%%%%, M HHHH **** "BBB@ HHHH *3%+10 F*,4M% K!1110,**** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH *2EHH ;2TM% K"4M%% PHHHH **** "BDS0 M%)FEH **** "BC- M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4E+12L E+1118 HHHI@%%%%*X!12 M44K@+124M.X!1113 **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "D)I*BD; J;CL/,@%1FX4=ZH7%SMSS65/J04 >HYBU M"YT7VI?6E^U)ZURU)C<9^]^M- M_6F-K" WZFY2H7.O^UIZTOVM/6N*.LC^_ M0-9']_\ 6CG+6%9VOVI/6E^TIZUQRZP/[U._MA? [']M"OJC.O^U)ZTGVI/6N M0.L+_?\ UI/[9']_:?./ZFSL?M2>M)]3UKCQK_OTX:PO]ZCG#ZFSKOM*> MM'VI/6N1.L+_'_:=97^_2]H"P;.P^UIZT?:D]:XW^V1_?IPUA?[)+V@_J;. MO^TKZTOVE? 6N1_MA?[_ZT?VPO]^CG)>$.N^U)ZT?:D]:Y#^V%_OT?VP/[_ZT M^MMM'VE?6N1_MA?[)+_;"_WZ7M!_5&=;]I3UH^U)ZUR)UA M?[])_;_O_K3]H+ZHSK_+4GK1]I3UKD/[87^_2_VPO]^CV@?5&==]I7UH^U M)ZUR7]L+_?IIUA?[_P"M+V@?5&=?]J3UH^TIZUR'L#^_P#K2_VPO]_:?.' MU5G7?:5];/M*>MM'VE/6N0_MA?[WZTO]L+_?H]H"PC.N^T MKZT?:D]:Y+^V%_OTG]L+_?\ UI>T#ZHSKOM2>M'VI/6N0_M@?W_UI?[87^_^ MM/G#ZJ==]I7UH^TIZUR7]L+_'Z3^V%_OTO:#^J,Z[[4GK1]J3UKD/[87^_^ MM']L+_?IXOJIU_VE/6C[2OK7(C6%_OTO]L+_?\ I>T']49UOVE/6C[4GK7(_V MPO\ >I/[8']^G[07U1G7_:D]:/M*>MT#ZHSKOM2>M'VI/6N0_MA?[_.M']L+_'Z?.'U5 MG7_:5];/M*>MM'VE?6N1_MA?[U+_;"_WZ7M!_5&=;]I3UH^U)ZUR)UA?[])_; M"_W_-:?M!?5&=?]J3UH^TIZUR']L+_?_6E_MA?[']M 6$9UWVE?6C[2GK7) M?VPO]^D.L+_?I>T']49UWVI/6C[4GK7(?VP/[_ZT#6%_O_K3YQ?53K_M*^M' MVE/6N2_MA?[]) ;"_P!^E[0? U1G7?:D]:/M2>MM'VE?6N1_MA?[)+_;"_WZ7M!_5&=;]I3UH^U)ZUR\ ;"_WZ3^V!_?_M %[^T%]49U_VI/6C[2GK7(?VPO\?_6E_MA?[']M 6$9UWVE?6C[2GK7)?VP MO]^D_MA? [_ZTO:#^J,Z[[4GK1]J3UKD/[8'] P#6C^V%_OT^<7U4Z_[2OK1] MI3UKDO[87^_2?VPO]^E[0?U1G7?:D]:/M2>MT']49UOVE/6C[4GK7(_VPO]^D_MA? M[_ZT:#^J,Z[4GK1]I3UKD/[87^_P#K2_VPO]^CV@+",Z[[2OK1]I3UKDO[M87^_2'6%_O\ ZTO:#^J,Z[[4GK1]J3UKD/[8']]:/[87^_3YQ?53K_M*^M' MVE?6N1_MA?[']]L+_?I>T']49UWVI/6C[4GK7(?VPO\ ?_6C^V!_?_6GSB^J MLZ_[2GK1]I7UKD?[87^_^M+_&PO]^E[0?U1G6_:4]:/M2>MM'VI/6N0_MA?[']L#^_P#K3YQ? M56=?]I3UH^TKZUR/]L+_ 'Z7^V%_OTO:#6$9UOVI/6C[4GK7('6%_O4PZR/[M]/G#ZHSLOM:>M'VI/6N,&LC^]4@UA?[]'.'U1G7_&E?6C[2GK7(_P!L+_?H M_MA?[]+V@?5&=?\ :D]:3[4GK7(?VPO][]:^V%_OT_:"_JLZ[[2GK1]I7UK MD?[87^_0=87^_P#K1[0?U1G7?:D]:/M:>M<<=9']^F_VR/[_.M/G#ZHSL_M M2>M)]I7UKCQK_O_ *"T\:PO]^H<@^']?7?:5];/M2>MT#ZHSKOM*^M'VI/6N1_MA?[_ZTTZPO M]ZCV@_JC.P^UIZTGVI/6N-.LC^_2C6!_?_6CF#ZHSLOM2>M))I7UKD1K"_WZ M7^UU_OU/,'U1G6_:D]:7[4GK7''6!_?IO]LC^_\ K5*0?5&=G]J3UI/M*^M< M>-8']_\ 6G_VPO\ ?_6I<@^J'?7:D]:/M:>M<@=87^_3#K(_O_K34@^J,[+[M6GK1]J3UKC?[9'][]:>-8']ZJY@^J,Z_[2OK1]J3UKDO[77^]^M-.L#^]1S! M]49U_P!K3UH^U)ZUQIUD?WJ!K(_OTM<>=8']^F_VP/[']'.0\-8[+[4GK2_:D]:XW^V1_?_6G+ MK*Y^_P#K5*1+P[.Q%PI[T[S17+Q:H&_BJ_%>;N].Y+HFV'%.W5GQS9[U91\T MS.4+%BBF@TZ@S"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** M "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** $HI:3%3J 55N#A35NH94W"BPSE=2G90V*Y#4+^1 M2<9KT*[TWS0>*P;KPWYI/RT6-8R2.!?5)<]ZC_M6;U-=DWA')^[^E,_X1#_8 M_2E8U51'"5IAW-1G6)AW-=H?!_^Q^E,/@W\'Z4K%JK$XS^VIO4T#5YCW-= MA_PA?^Q^E.'@S_8_2IY6:M$Y :I,?6C^TY1ZUV8\'?['Z4'P?\ ['Z4N1E_ M6(G%G5YAW-) ;,WJ:[,^#?\ 8_2F_P#"&?['Z4IH_M>;U-=C_P (;_L? I1_PAO\ L?I2Y&/ZQ XW^V)O4T?V MQ-ZFNQ_X0S_8_2C_ (0S_8_2GR,GZQ$X_P#M>;U-+_:\WJ:[#_A#?]C]*7_A M#?\ 8_2GR#^L1.-_MB;U-']LS>IKL?\ A#?]C]*3_A#/]C]*' /K$3C_ .V9 MO4T?VQ-

ZFNP_X0S_&/TI?\ A#?]C]*2@'UF)Q_]KS>II/[8F]379?\ "&_[M'Z4G_"&_['Z4^0/K$3CO[9F]31_;$WJ:[#_A#/\ 8_2C_A#/]C]*7(P^LQ.0 M_M>;U-']KS>IKL/^$-_V/TI?^$-_V/TI\@?6(G&_VQ-ZFC^V9O4UV' "&?[' MZ4?\(9_L?I2Y&'UF)Q_]L3>II?[7F]378?\ "&_['Z4O_"&_['Z4U /K$3C? M[7F]31_;.WJ:[' _A#?\ 8_2D_P"$_ V/TH< ^L1./_MF;U-']L3>IKL/^$_ MV/TI?^$-_P!C]*2@'UF)Q_\ :\WJ:3^V)O4UV7_"&_['Z4G_ AO^Q^E/D#Z MQ$X[^V9O4T?VS-ZFNP_X0S_8_2C_ (0S_8_2ER,/K,3D/[7F]31_:\WJ:[#_ M (0W_8_2E_X0W_8_2GR!]8B<; ;$WJ:/[9F]378?\(9_L?I1_P (9_L?I2Y& M'UF)Q_\ ;$WJ:/[9F]378?\(9_L?I1_P (9_L?I2Y&'UF)Q_]L3>II?[7F]378?\ "&_['Z4O_ AO^Q^E-0#ZQ$XW^UYO4T?VS-ZF MNQ_X0W_8_2D_X0S_&/TH< ^L1./_MF;U-']L3>IKL/^$_ V/TI?^$-_V/TI M* ?6(G'_ -KS>II/[8F]379?\(;_ +'Z4G_"&_['Z4^0/K$3CO[9F]31_;.WJ:[#_A#/]C]*/^$_ P!C]*7(P^LQ.^ [7F]32_VO-ZFNP_X0W_8_2E_X0W_ M &/TI\@_K$#CO[8F]31_;$WJ:[#_ (0W_8_2C_A#?]C]*3@Q_68'(C5YO4TO M]K3>]=>/!W^Q^E+_ ,(?_L?I1R,EXB)QQU:;U-;.L3>IKM#X._V/TIA\&_[' MZ4II/[8 MF]379?\ "&_['Z4G_"&_['Z4. _K,#C _.V)O4THUB;U-=?_ ,(;_L?I2CP; M_L?I4\C']9BIH_M>;U-=A_P (9_L?I2 _\ M(;_L?I34! 6(G' VO-ZFD_MF;U-=C_PAO^Q^E)_PAG^Q^E#@'UB)Q _\ ;,WJ M:/[8F]378?\ "&?['Z4O_"&_['Z4E /K$3C _.UYO4TG]L3>IKLO^$-_V/TI M/^$- P!C]*?(^UB)QW]LS>IH_MF;U-=A_P (9_L?I1_PAG^Q^E+D8?68G'_V MO-ZFE_M>;U-=A_PAO^Q^E+_PAO\ L?I3Y ^L1.-_MB;U-']LS>IKL?\ A#?] MC]*3_A#/]C]*7(P^LQ./_MB;U-+_ &-O-ZFNO_P"$_ V/TIW_AO^Q^E-0#Z MQ$X[^UYO4TG]L3>IKL?^$-_V/TI/^$_ V/TH< ^L1./_ +9F]31_;$WJ:[#_ M (0S_8_2E_X0W_8_2DH,/K$3C_[7F]32?VQ-ZFNR_P"$- V/TI/^$- V/TI\ M@?6(G'?VS-ZFC^V9O4UV' "&?['Z4?\ \&?['Z4N1A)9B;U M-=A_PAO^Q^E+_P (;_L?I3Y ^L1.-_MB;U-']LS>IKL?^$-_V/TI/^$_ P!C M]*7(P^LQ.^ [8F]32_VO-ZFNO\ ^$_ V/TI?^$- P!C]*:@'UB)Q_\ :\WJ M:3^V)O4UV\ PAO^Q^E)_P (9_L?I0X!]8BIKL/^$_ V/TH_X0S_ &/TI;U-=?_P (9_L?I2 \(;_L?I34 ^L1.\ [7F]32?VQ-ZF MNQ_X0W_8_2D_X0S_ &/TH< ^L1./_MF;U-']L3>IKL/^$_ V/TI?^$-_V/TI MIKLO^$-_V/TI/^$-_V/TI\@?6(G'?VS-ZFC^V9O4UV MV' "&?['Z4?\(9_L?I2Y&'UF)Q_]L3>II?[7F]378?\ "&_['Z4O_"&_['Z4 M^0/K$3C?[8F]31_;.WJ:[' _A#?\ 8_2D_P"$_ V/TI;U-'] ML3>IKL?^$- V/TH_X0W_ &/TI\C']8@<= _;.WJ:3^V)O4UV/_"&?['Z4?\(9 M_L?I1R,7UF)QW]KS>IH_M:;U-=E_PAO^Q^E+_P (;_L?I1RL?UF)QG]KS#N: M/[8F]379'P9_L?I2?\(9_L?I1R,3Q,3C_P"V9O4TO]KS>IKK_P#A#/\ 8_2E M_P"$- V/TIJ ?6(G' VO-ZFD_MB;U-=E_P (;_L?I3?^$-_V/TH< ^L1.._M MF;U-']KS'N:['_A#/]C]*4>#/]C]*7(P^LQ.-_M6;U-*-6F]379?\(;_ +'Z M4?\ "&_['Z57*/ZS$X[^UYO4TO\ :\WO78?\(;_L?I1 PAO^Q^E'(^UF)QO] MK3>II/[5F]379 \ "&_['Z4?\(;_ +'Z4IKL?^$- P!C]*/^$- V/TI\K'[9B;U-=C_M ,(;_L?I1 PAO^Q^E'*P^LQ.-_M6;U-) :TWO79 \(;_ +'Z4G_"&_['Z4E'E)Z4^BD,C\E/04>2GH^DHH 9Y2>E'E)Z4^B@!GE)Z M4GDIZ"I** &>4GI1Y2>E/HH 9Y2>E'E)Z4^6GI3Z* &>4GI1Y2> ME/HH C\E/04OE)Z4^B@!GE)Z4>6GI3Z* &>4GI2>2GH*DHH 9Y2>E'E)Z4^B M@!GE)Z4GE)Z"I** (_)3T%+Y2>E/HH 9Y2>E'E)Z4^B@"/R4]!1Y2>@J2B@! MGE)Z4>6GI3Z* &>4GI2>2GH*DHH 9Y2>E'E)Z4^B@!GE)Z4GE)Z"I** (_)3 MT%+Y2>E/HH 9Y2>E'E)Z4^B@"/R4]!1Y2>@J2B@!GE)Z4>6GI3Z* &>4GI2 M2GH*DHH 9Y2>E'E)Z4^B@!GE)Z4GE)Z"I** (_)3T%+Y2>E/HH 9Y2>E'E)Z M4^B@"/R4]!1Y2>@J2B@!GE)Z4>6GI3Z* &>4GI1Y2>E/HH 9Y2>E'E)Z4^B@ M!GE)Z4>6GI3Z* &>4G MI1Y2>E/HH 9Y2>E)Y*>@J2B@!GE)Z4>6GI3Z* &>4GI2>4GH*DHH C\E/04O ME)Z4^B@!GE)Z4>6GI3Z* (_)3T%'E)Z"I** &>4GI1Y2>E/HH 9Y2>E)Y*>@ MJ2B@!GE)Z4>6GI3Z* &>4GI2>4GH*DHH C\E/04OE)Z4^B@!GE)Z4>6GI3Z* M (_)3T%'E)Z"I** &>4GI1Y2>E/HH 9Y2>E)Y*>@J2B@!GE)Z4>6GI3Z* &> M4GI1Y2>E/HH C\E/04OE)Z4^B@!GE)Z4>6GI3Z* (_)3T%'DIZ"I** &>4GI M1Y2>E/HH 9Y2>E)Y*>@J2B@!GE)Z4>6GI3Z* &>4GI1Y2>E/HH C\E/04OE) MZ4^B@!GE)Z4>6GI3Z* (_)3T%'DIZ"I** &>4GI1Y2>E/HH 9Y2>E)Y*>@J2B@"/RD]!2^4GI3Z* &>4G MI1Y2>E/HH C\E/04OE)Z4^B@!GE)Z4>6GI3Z* &>4GI1Y2>E/HH 9Y2>E'E) MZ4^B@!GE)Z4GDIZ"I** (_*3T%+Y2>E/HH 9Y2>E'E)Z4^B@!GE)Z4>6GI3Z M* &>4GI1Y2>E/HH 9Y2>E'E)Z4^B@!GE)Z4>6GI3Z* &>4GI2>4GH*DHH 9Y M:^E+L%.HH 3 I:** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHI*0"T4E%%P%HHHI@%%%% !1110 444E*X"T4E+1< HHHI@%%%% M!1110 444E%*X"T4E+1< HHHI@%%%% !1110 44E%*X"T444P"BBB@ HHHH * M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BDHJ;@+ M1115 %%%% !1110 444E*X"T4E+1< HHHI@%%%% !1110 44E%*X"T4E+0F M4444P"BBB@ HHHH **2BIN M%%%4 4444 %%%% !1124K@+124M%P"BBBF 4 M444 %%%% !1124K@+124M%P"BBBF 4444 %%%% !1110 4444 %%%% !1110 M 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M 1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M M%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1136.!0 N:-PJK)-M[U3 MDO0O>@I1;-7>/6DWBL,ZB/[U-.I#^]2*Y&;WF+1O'K6! _:0_O4HU(?WJ5Q^S M9O[QZT;QZUA?VD/[U']I#^]1S!)F[O'K1O'K6'_ &D/[U(=2'JZF#V3-W> M/6DWCUK!.IC^]2?VF/[U',/V+-_>/6C>*PAJ0_O4X:B/[U',/V+-O>*-X]:Q M/[1']ZD_M(?WJ7.+V3-W>*-XK"_M(?WJ/[2']ZCF%()F[O%&\>M81U(?WJ:= M3']ZG/6L#^U! _>H_M,?WJ.8?L6;^\4;Q6"-2']ZG?VD/[U+G0 M>R9N;QZT;QZUA_VD/[U']I#^]1SH7LF;F\>M&\5A_P!I#^]1 _:(O4^8?LF; MF\4;QZUA'4A_>IP\$?WJ.8/9,W=XHWCUK#_M$?WJ/[2']ZCF%()F[O%&\> MM8?]HC^]1 _:0_O470>S9N;QZTN]:PO[2']ZC^TA_>J>9"]DS=WBC>*PO[2'] MZ@ZD/[U5/6L$ZF/[U-_M0?WJ.8?L6=!O'K1O%8(U(?WJ<-1'] MZCF#V3-S>/6C>/6L/^T1_>H_M(? WJ3D@]DS=WK1O%87]I#^]1 :0_O4M87]I#^]33J8_O4[A]O F'K2;QZU@?VH/[U']IC^]1S#]BS?WBC> M*PO[2']ZE_M$?WJ.8/9,W-X]:-X]:P_[2']ZC^TA_>IR9N;Q1O'K6%_:0_O4W^TQ_>HYA^R9O[QZT;Q7/_VF/[U. M&I#^]1S!)F]O%&\>5A_VB/[U']HC^]1S(/9,W-X]:-X]:P_[2']ZC^TA_>I< MR% []FYO%&\5A_P!HC^]2'41_>I\P_9,W=X]:-X]:P3J8_O4W^TQ_>HY@]DSH M-X]:-XK!&IC^]2C41_>HY@]DS=WBC>/6L/\ M$?WJ/[2']ZCF%()FYO'K1O% M8?\ :0_O4?VD/[U','LF;F\4;Q6'_: (_O4TZD/[U'./V3-[>/6C>/6N?_M,? MWJ7^TQ_>HY@]BS?WBC>*PO[2']ZE_M$?WJ.8/9,W-X]:-X]:P_[2']ZC^TA_M>IM87]I#^]3?[3']ZCF'[) MF_O'K1O%<_ \ VF/[U.&I#^]1S! []F]O%&\5A_P!HC^]1 _:(_O4R9N;QZT MN]:PO[2']ZC^TA_>IHYA^Q9T&\>M&\5@#4Q_>IPU$?WJ.8/9,W=XHWCUK#_M$?WJ/[2' M]ZDY(7LV;N]:-XK"_M(? WJ/[2']ZCF0>R9N[Q1O'K6%_:0_O4AU,?WJ=P]DS M>WBDWCUK_M0?WJ/[3']ZCF'[%F_O%&\5@C4A_>IW]HC^]1S!)FYO'K1O'K M6' _:0_O4?VD/[U+F0O9,W=ZT;Q6%_:0_O4? VD/[U',@]DS=WBC>/6L'^TA_>MIIU,?WJ?,/V3-_>/6C>*Y\ M,?WJ<-2'JZCF#V3-[>*-X]:PQJ(_O4?VB/[MU','LF;F\>M+O6L+^TA_>H_M(? WJ7,A>R9N[Q1O%87]I#^]0=2'JZGHYA^Q9T&\>M&\5@#4Q_>IW]HC^]1S!)F[O%&\>M M8?\ :(_O4?VD/[U',A>R9N;QZT;QZUA_VD/[U']I#^]2YD'LF;F\4;Q6'_:(M_O4GJI#^]3YA^R9N[QZT;QZU@?VF/[U]_:8_O4Q9T&\4;Q6"-2']ZG?VB M/[U','LF;F\4;QZUA_VD/[U']I#^]2YD+V3-S>/6C>*P_P"TA_>H_M$?WJ:D M@]DS/6L(ZB/[U-.IC^]1S#]DS? WCUHWCUKG_P"TQ_>I1J8_O4Q9O M[Q1O%80U(?WJ?^T1_>I/6C>/6L+^TA_>I?[2']ZCG0O9,W-XHWBL M/^T1_>H.HC^]3YA^R9N;Q1O'K6"=2'JZF_VF/[U','LF=!O'K1O%8']IC^]2 M_P!I#^]1S(/9,WMXHWCUK4M(?WJ3^TA_>I/6C>/6L/^TA_>H_M(M?WJ.9"]DS*P_P"T1_>I/[2']ZGS#]DS=WCUHWCUK_M,?WJ3^TQ_>HY M@]BSH-XHWBL$:D/[U+_:0_O4N=! []F[O%+O'K6%_:(_O4?VD/[U'.A>R9N[Q M1O%87]I#^]1 :0_O4^8/9,W=XHWCUK".I#^]33J8_O47#V3-_>*-X]:Y[^U! M_>IPU,?WJ.8?L6;^\4;Q6#_:0_O4OJI#^]2YQ>R9N[Q1O%87]I#^]1 :0_O4 MR9N[Q1O%87]I#^]0=2'JZGS]F[O'K2;QZUSYU0#^*F_VJ_ >IW#V3.C MWBER*Q(M0#'[U7X;@-WIDN#1=HIJG-.H("BBB@ HHHH **** "BBB@ HHHH M**2BIU 6BDI:: ****8!1110 4444 %%%% !1110 444 M4 %%%% !1110 4444 %%%% !1129H 6BDS1F@+BT4F:6 MBX!5>9]JFIZKW"%E-*XT85_?>6#S7+WNN;"?FKH=2L7D!QFN2O\ 0II"<T7 M-8M%9_$?/WJC_P"$B_VJJ/X:N">C4W_A&;C^ZU0[FO,B[_PD7^U3?^$DQ_%5 M0^&;C^ZU,/ABX]&J=1J2+O\ PDV/XJ;_ ,)1_M50/A>X_NM49\+7/JUJ=F:< MT32_X2G_&J:?%/^U6:?"MS_ '6I/^$5N?[K468)H?\)3 M M4?\ "5?[59A*W/]UJ3_ (16Y_NM3Y1%KG^ZU+ M_P (M<^C4/"]Q_=:G9E<\2__P)+_M4?\)1C^*J)\+W']UJ M/C/A:Y]&HLPYXFG_PE7^U2_\ "49_BK)X2G_IN_Y+M3QX6N?[K4K,7-$U/^$G_V M]J\ A)_]LL_(1>X_NM2'PM%KG^ZU_X1>X]&I68^>)>_X2?'\5'_ M E/^U6>?"US_=:F?\(K<^C4[,7-$U/^$I_VJ=_PD_\ M5E#PM<_W6IX\+W' M]UJ5@YHFE_PD_P#M4A\4_P"U6>?"]Q_=:HSX6N?[K46#FB:7 "4_[5'_D^ M?XJR_P#A%;GT:GCPM<_W6IV8%[C^ZU(?"UQ_=: ME9CYXE__ (2G'\5+_P)5_M5EGPK<^C4#PK<_P!UJ=F+FB:O "49_BI?^$G_M -JLP>%KG^ZU_X1>X_NM2Y0YHFA_P)1C^*D_X2K_:K./A:Y_NM3#X5N?1J M+,_:I_\)3G^*C_A)L_Q5F#PK<^C5(/"UQ_=:G9CYXE__A)?]JE_X2C\'7ZU M0/A>X]&IA\+7/JU5F'/$TO^$J_VJ/\ A*?]HUE?^(K<_P!UJ7_A%KGT:G87 M-$U/^$H_VJ/^$I_VJS/^$6N?[K4'PM<_W6HY2N:)I_\ "5?[5)_PE/\ M5F? M\(K<_P!UJ!X5N?[K469/-$T_^$GS_%2_\+_ +59P\+7/]UJ=_PB]QCHU*S' MSQ+W_"3X_BH_X2G_&OUK//A:Y_NM3#X5N?[K4[,7-$U/^$I_P!JG#Q/_M5D MCPK<_P!UJD'A>Y_NM2L'-$TO^$G_-JD_P"$IQ_%6>?"]Q_=:F'PM<_W6HLP MYHFE_P)5_M4G_"49_B_6LO_(16Y_NM3QX6N?[K4[,.:)H_\)+_ +5'_"3? M[541X7N/[K4A\+7'UJ5F/GB:'_"48_BH_X2K_:K M,/A6Y]&IO_"*W/\ =:G9BYHFK_PE/^T:/^$H_P!NLO\ X1:Y_NM3O^$6N?1J M.4:E$TO^$I_VJ3_A*O\ :_6LW_A%KG^ZU-_X16Y_NM18'*]J?\)3G^*C_A)L M_P 59@*W/HU2#PMC468^>)>_X2;'\5'_"4_P"U M5 ^%KC^ZU1GPK<^C468<\34_X2G_&J%KG^ZU*S%S1 M-/\ X2?_&J3_A*,?Q5G_P#"+W'HU,/A:Y_NM1RAS1+_A*OJJD_X2C\59G M_"*W/HU*/"USZ-3LPYHFE_PDW^U1_P)+_M50'A:X_NM2GPO>_ MX2C'\5+_,)5_M5F'PM<^C4W_A%;G^ZU.S%S1:_ (2C\5+_P)/_M5ECPM M<_W6I\ PB]Q_=:E8.:)HGQ/C^*F_P#"4_[59Y\+7/\ =:HSX5N?1J+,.:)I M_P#"4_[5'_"39_BK,'A6Y]&IX\+7/]UJ=F'-$T/^$E/]ZC_A)\?Q5I_X1>X_ MNM3#X6N?[K4K#YXFC_PE/^U2CQ3_ +591*W/]UJ4>%;G^ZU+E%S1-8>)_\ M:H_X2?\ VJS1X6N?1J#X7N/1J5F'-$T?^$I_VJ3_ (2K_;K,/A:Y_NM3?^5 MN?[K523#FB:G_"49_B_6C_A)C_>K.'A:Y_NM3O\ A%KCT:D[CYXE_P#X2;_: MH_X2G\'59Y\+7']UJ8?"MS_=:BS#GB:?_"4_[5.'BC_:K*_X16Y_NM3QX6N? M1J'%BYHFG_PD?P#M4G_"4?[59W_+"W'HU-/A:Y]&I)_.:)I?\)5_MTG_E& M?XOUK+_X16Y_NM2CPK<_W6JK_.:)I_\ "3?[5'_"3?[54!X6N/[K4?\ "+'_M]UJ6H^>)?_X2C\'5'_"4_P"U6:?"MS_=:F_\(K<_W6HY6+FB:O\ PE'^U3O^ M$G_VJRAX6N?[K4\>%[CT:DXL..)H_P#"4?[5(?%/^U6%;G^ZU.'A:X_NM3=PYHFC_PDI_O4?\)/C^*J M'_"+7'HU-/A:X_NM2LQ\30_X2G_&JX_NM2LPYHFB?%/^U3#XJ_VJSCX6N? M[K4P^%;G^ZU4DPYE\0_/^U0GB8EOO5G'PI<_P!UJ?^X5N0WW6JM1.2.HL-> MWD?-75Z?J6\#FN)T_P /3QD9!KKM.TV2,#(-.[,VXLZ>&YW M']H#UIW0>QD:>:,UF_;QZT?; MAZTN9![&I19HS6;]O'K2?V@/6CF0>QD:>:,^]9G]H#UI?MX]:.9![&I19HS6 M;]N'K1]O'K1S(7LI&G169]O'K2_;QZTQD:F:,UFB_'K3OMH]:=T'L9&A25G_;AZT?;AZTQD:-%9IOU]::=07UHNA^QD:>:,UE_VBOK2B_'K2YD' ML9&GGWHS6=]N'K2?;AZTM'V MX>M+F0O8R-+-&:SOMP]:/MP]:.9![&1HYHS6=]N'K1]N'K1S(/8R-'-&:SOM MP]:/MP]:.9![&1HYHS6=]N'K1]N'K1S(/8R-'-&:SOMP]:/MP]:.9![*1HYH MS6;]O'K1]O'K3YD+V4C2S1FL[[M'VX>M',@]MC(TM'VX>M',@]C(TM'VX>M',@]C(TM'V\>M/ MF0>RD:6:7-9GV\>M U >M%T+V4C3HK/6]![U*MR#WIA[-ENBH!-FGA\T$N+1 M)12 TM!(4444 %%%% !1110 F:,TWFBE]#3/(O?0U-S16/0?^$A3 M^_\ K2CQ"G]_]:_$%[Z&G"")]#3+3B=_P#\)"G]_P#6E_X2%/[WZUP'D7OH M:7R+WT-0[FB<3OX3Q3^_^M-/B!/[WZUPGD7OH:7[/>^AH297-$[K^WT_O?K2 MCQ G[]:X3[/>^AI/(O?0T-,:)WW_"0)_>6D/B!/[_.M<%Y%[Z&E$%[Z& ME]"<3NO[?7^]^M']OK_>6N&^SWGH:/L]YZ&GJ.\3NQX@3^_^M'_D*?WOU MK@S!>^AI/(O?0TG<5XG=GQ G]^F\)O]_\ 6N&\B]]#2?9[WT-*S#FB=X/$ M"?W_-:/NG>?\) G]\?G2CQ"G]_]:X'R+WT-'D7OH:-17BCOO\ A(4_O_K3 M3X@3^_\ K7!>1>^AI?L][Z&BS'S1.Y.OK_>_6@>(%_O?K7#_ &>\]#33;WOH M:=AWB=\/$2?W_P!:=_PD:?W_-:\,%[Z&D$-]Z&B["\3T7_(2)/[_ZT?\ M"0)_>_6N@/O?0T_R+WT-3J/W3OO^$A3^_\ K1_PD2?WQ^~=_8+WT-,,-[Z& MJ5Q^Z>@'Q"G]_P]#6F'7U_O? K7!""]]#3Q;WGH:=F'NG<#7E_O_K3QX@0?Q_K M7#?9[ST-,-O>^AJ6F'NG?#Q$G]\?G0?$*?W_-:\^\F]]#2B"]]#2U'[IWW_M D"?WOUH_M]?[WZUP@@O/0TOV>\]#1=A>)W@\0)_?\ UI? ^$A3^]^M<#Y%[MZ&D\B]]#2NR;Q.__.$A3^]^M'_"0I_?_6N\B]]#2^1>^AH5Q7B=]_PD*?W M_P!:/^$A3^_^M<#Y%[Z&CR+WT-/4+Q.^_P"$A3^_^M'_D*?W_UK@?(O?0T M>1>^AHU"\3OO^$A3^]^M'_"0I_?_6K@?(O?0TA@?0T:A>)W_\ PD2?W_UI M/^$A3^_^M>?^1>^AI?(O?0TKLGFB=_\ \) G][]:3_A($_O?K7!>1>^AHB] M]#3U#W3OO^$A3^]^M+_PD*?W_P!:X#R+WT-)Y%[Z&G9AS1/0/^$A3^_^M'_ *M0I_>_6N \B]]#2^1>^AI68[Q^_X2%/[_P"M+_PD*?W_-:X#R+WT-'D7OH: M-1WB=Z?$"?WZ:?$"?WOUKA/(O?0T>1>^AIZO5[O_A($_O\ ZTX>($_O?K7! M?9[WT-'D7OH:+L..)WX\0I_?_6E_X2%/[_ZUY_Y-[Z&CRWT-/47-$[_/X2 M!/[_.M)_P)"G]_]:X+R+WT-(8+WT-'*%XG??\ "0I_?_6D_P"$B3^_^M>? MF"]]#2>1>^AHLQ^Z>@'Q"G]_]:3_(2!/[_ZUP(@O?0T[/>^AHU+R+WT-'D7OH:+L7-$]_X2%/[_ZTG_"0)_?_%K@/)O? M0TODWOH:K%>)WO_D"?WOUH_X2%/[_.M<%Y%[Z&F&"]]#1RA>)Z!_PD2? MW_UII\0I_?\ UKS_,B]]#2^1>^AI697NG??\) G]_\ 6@>($_O_*UP0@O? M0T[[/>^AHU%S1.^'B!/[_P"M._X2%/[_.M>?^1>^AH\F]]#1=AS1/0#XA3^_M_P#K2?\ "0)_>_6N!\F]]#1Y%[Z&G9L5XG>_\)"G]_\ 6C_A(D_O_K7 &"]] M#33!>^AHY1KE/0#XB3^_^M-/B%/[_P"M^AI?(O?0T78N:)WX\0I_?\ UI?^$A3^_P#K7G_DWOH: M/)O?0T[L7-$[_P#X2!/[_P"M)_PD*?WOUK@(O(?0TA@?0T^AIODWOH:+,:Y3T ^(4_O_K2?\) G]_]:X$07OH:<+>] M]#2U'>*.]'B!/[_ZTX>(4_OC\ZX'R+WT-'D7OH:+L7-$]_X2%/[_P"M(?$* M?W_UK@/)O?0TODWOH:>K%>)WO_"0)_>_6C_A(4_O_K7!>1>^AII1>^AI697NG??\) G]_]:!X@3^_^ MM<$(+WT-.^SWOH:-1_6N!\F]]#1Y%[Z&G9L5XG>_\"0I_?_6C_A(D_OC\ MZX P7OH::8+WT-'*"Y3T ^(D_O\ ZTT^(4_O_K7 >1>^AI1!>^AI697NG??\) M G]_P#6G#Q G]_]:X'[/>^AI?(O?0T78N:)WX\0I_?_%I?^$A3^_\ K7G_ M)-[Z&CRWT-.[%S1._ .$@3^_^M)_PD*?WOUK@O(O?0TGD7OH:+!>)WW_"_M0I_?'YTG_"1)_?\ UK@#!>^AIOD7OH:+#7*>@'Q"G]_]:3_A(_O_K7 B"]] M#3A!>^AI:CO%'>#@ G]_]:>/$*?W_P!:X'[/>^AH\B]]#1=BYHGH**** "BBB@ HI,M% $Q1BEHH%82EHI":!BT5$9,5&9P.])KFBJ9N0.])]K'K0!=HJ MF+H'O4JS T 3T5%YE,,V* +%)5;[1[THGS0!8HJ,29IP:@5AU+29I:!B48I: M,B@5A%6DR*,B@=A:*,74 %%%)F@!:*86Q43S =Z +%&:HM=@=Z:+T>M &A15 M);H'O4@G![T 6:*B$@-2 T +1110 4444 %%%% !1110 44A-1/*%[T 39I, MBL^2]"JZI3:NJ?Q4 ;NX>M&X>M(KO\ YZ&IDUR\?HYH ^ECX[M_^>B_G3#X[M_[MZ_G7SHFHW[]':IA/+?_)Z+^=?.WGZC_>:D-SJ(_B:F"1]&?\)[M;?\ /1?SH_X3VV_YZ+^=?-SZC?IU9JJOK=ZG5S0,^F_^$]MO^>B_G2_\)[;? M\]%_.OEX^(KL?\M#2CQ%=Y_UAH ^I(_'%NYQO7\ZU+;Q-%/C#"OE:R\0W7F# M,AKN-$\2N"NZ3]: /HB"_68<&K7F9KS+2/%$6%W2?K756VOPR 8M12;L5DZ@SK&U $MWKD<(.6%8=SXNAB)RX M ._N5U^]EC#88UYCK6LW",V'-'L\GC> ?\M!^=1?\)O 3_K!^=?.LNOW.[_ 6 M&F)K]R6^^:!6/I>V\712M@./SKH;'6DFQAA7S1HVM3NXRYZUZKX;OI"'Y:@+ M'L5M.)%!S5L=*PM)D+1C-;]]*!BT444 %)2T4 --5YWVJ35D]*S[\XB:@# (O M]36$')KFKOQ1'$3EQ^=5/$=TZ*^#7DNO:M,C-AS0!ZROC6%3_K!^=?(?',_ M #T'YU\US:] M09D->I>&]2EDVY8T >SPW E&0:L5@Z1*SQC)K=3I0 44ZB@5A*:QP*<>E59Y M@@YH&#R8JI+=A!UJA>:I'%G+5S6H^(HD4 /^M '2S:W'#U85FS^,((NKC\Z\ MUUCQ,-MD_6N#U3Q+-D[9#^= 'N=QXYM^?WB_G67/XVA/20?G7$3+XBNB3^\ M-0'7;D_QFD*Q[G<>,8STD'YUDWBQ3G$GZUY&NJ7,A^\:LQF[FZ$T6"QZ%)X MHR?]9^M,7Q/S_K/UKB4TZ^D[&I/]OO1ORIC.ZC\4@'_ %GZUHV_BU1C,GZU MYF=-OE[-43PWL7K0![5;>,XEQF0?

G6K#XX@ _P!8/SKYX>]O(NK&H3KMTAQO M- 'TRGCJW_YZ+^=6XO'%NQ WK^=?+0\177_/0U=M?$ESO&9#0!]56_B>*?&& M'YUK6]^LPSIHGB9PR[I/UKTK1?%$6%W2?K0!Z@AS4H%<[:>(;>11AQ^=: ML.H1R]#0!?%+3$<,,BGT 12/M!-9-Y]:P@Y(J_=YV''I7#:\TH5MI- %F[\4 MQ0DY '[X_.O-]: W'EJ /= _\ A.8/^>@ .;G#QU!_S MT'YU\ >?]'JU*)]0_O-0!]!CQU; _//1?SIX\=V__/1?SKY[$VHG^]J7SM1 MZM0!]!'QW; \]% .HSXZM_\ GHOYU\]R7M^G5FJG)K-XG5S0!](#QU! _ST7\ MZ>/'=O\ \]% .OF8^(+H?\M#2?\ "177 /0T ?3G_"=V_P#ST7\Z:?'=O_STM7\Z^:5U^[8\2&K,>]7TG1S0!]$GQU! _ST'YTP^.8/^>@ .O DGU!^C-3]^H> MK4 >\'QQ! _ST'YU&WCB#_GH/SKPDR:AZM3?-U#U:@#W0^-H3_P M!^=30>,(MI&QO'YUX*)+_ #U:M737O?,&2:/H2PUY]L885T$%X'3.:\A\/M<97<37H=B MSB'GTH U+K4EB!R:YV\\3Q0DYGOXUA4_?' MYTS_ (3>#_GH/SKYZN=>N0Y^@_.I!XZM_P#GHOYU\\>?[=&:IA/ MJ']YJ /H0>.[?_GHOYTC>.[?_GHOYU_>=J/]YJ/.U'^\U 'O+^.8/\ GH/S MJ+_A.(,_ZP?G7A)EU#U:F^;'J]U 'O\ 'XY@'_+0?G5M/'EO\3_$=R9F!0UZ%H&O.Q7<] 'O<%XLHX-6P^(<MF!Q(/SKP0:_=N<>8:F2]O)OXC0!ZE>>+%;.)/UK(F\3Y)_>?K7%+;WLOK3_[M+OF[&@#IV\2'/^L_6I[;Q,0W,GZU!CWW]T_E36TV]C[&@#U&Q\6JN,R?K7 M0VOC6)0,R#\Z\(;[9#W-1'4KN/\ B-'T?%XY@'_ "T'YU=B\=6Y_P"6B_G7 MS# _;EVO\9J6+Q/#=!O]8: /]JW\7038PX_.M:WUA)L8(KYFTCQ-*"NZ0_G7HF MB^*%PNZ3]: /9HYPXZU,'KB[#Q)"ZK\X_.MVVU2.7&&H V@:7-5XI0XX-3B@M!U%)2T (3@54N;D1#DU9?[M<_K$I5#@T 07NNQP9RPK"N/&,,9(+C\ZY#Q)] M,L>[#&O+M6URX60X<]: /J+,!@U\W:/X@D#+#+NC@SEA61-XTMXC@NOYUPOB34J8]V&- M>7:OK]RDAQ(:/H,^/+;_GHOYTJ^.[8_\M%_.OEU_$EWG_6&GP^([HL/WAH M^K+?Q?!,1AQ^=;-MJZ3XP17S5H6N7$C+ES7K'AV]DD"9:@#U".0.,T_M5"Q8 MM$M:':@"O,^U2:P[[4EASDUK7IQ&U>>>(KIT5\&@"Q>>)XXBOQS8PRBH:/.S(,F@#]E?(MIV:JQ-D584T /HI,TTO@4 *S8]![@+4-QJ3^,8(\Y.;?G]XOYUX5J7 MB6C7GBD<[30!T\VB0@_ZS]:U+?QM3C&9/UK@CI-ZG8U&;:\C]: /7+3Q>BXS(/SK>M/&T*XS(/SKP(RW::WK9 M/UKFSH5]_=;\JC;1[Z/^$_E0!Z+9>*PN,R?K6_:^,HU S(/SKQ9H;R'UJ(WE MW'_$: /H2#QO",?O!^=:<'CFWX_>+^=?,IUB[3^,U)'X@NE8?O#0!]3P^,H) M,?./SK1A\1Q2=&'YU\QZ?XEG!&9#77Z;XG;YAIFH)Y3D5E/)S0!U=IXFGC8 ,?S MKM]#\1SR%6@#W+0K]YE7)KM[;YD!]J\Y\-?=2O1;,_N ME^E%AD&*Q]2C'E-6P[<5C:DW[MJ /-$]#≠UY%KX^9J]<\2-P]>1Z^?F:@# MD)OO&F1_>ITWWC38_O4 =+H?^L'UKUWPOT2O(M≠ _-8/K7KOA?HE 'K.C?ZL 85OKJVL#1O]6*WU^[0 ZBBB@ HHHH #TK,U'_ %35IGI69]'^J:@#S+Q-]UZ\ M<\0_>:O9/$WW7KQWQ"/F>@=CB)_O&HD^]4\X^BU"GWJ L=%HG^L'UKUSPO\ MP5Y'HG^L%>N>%_X*!'K>B_ZH?2NA3[M6<]HO^]'TKH4^[0 I.*C>94ZFB5L"N M9U?46@5L&@≠=EU&%!RXKG]5UN%4.)!^=>?:WXKD@+8-I69AO- ')9BY 8_G6/>>(7N"E 'F\W@Z _NQ^5K^'"0MMC/Y5QUYHTZ.?D-?55YX1CF!^05RVJ^!X@I(C M%'S9)8RH>5-1 -&:]8UOPN(-V$K@=2TUHF.%H HP:E)"1@FMBS\33Q$,?S MKG'@=3T-$:E30!ZMHOBJ=BN7/YUZ;H.N&4+N;]:^?:*N/+9>:]!T75_+" -0 M![_8WR/&/F%:2SJ1UKRS2]?RJC?75V.J^9CYJ=AV.EEPZFN>U*Q$H%;5O+Y MBU(]L"2D\OU'0%D)^3]*P)?"RD_P"K_2O8Y=+5^U5SHB'^$4 >/'PJO // M]*%*KG_%?Z5Z_ &$G]T4#0D\(ICN>51^%$_YY_I3I/"D80_)^E>KKHRCM^$5!=:4JQGCM2 *U70$B#?+^E<)JMD(BW%>Y>(;(*K\5Y'K\05GH$<+*N&J M(=:L7(PYJNO6@#0L8M[@5VFCZ4LI7*URFE+F45Z?X;M@Q7B@#3T_PS'(H^3]M*TO^$3CQ_J_TKL=%TY61>*Z--)4KJV@#R1_"B?\ //\ 2HCX47_GG^E>OG14 M/\(IO]AI_= '0*KG_ %?Z5=M/#*HX^3]*]/\ [#3^Z^D31E4_=% '+:9HMXBQ\M=&EOY<73M6C%IZIVHN(@L9^E ' >(N$:O'/$?WGKV3Q)UZ\;\1 >>@ M#S^Z^^:JCK5JZ^^:JCK0!D^';(.5XH GL/#H MD ^3]*V8_"JD?ZO]*[31='5E7Y173Q:(FW[HN \K'A1/^>?Z4[_A$T_YY_I7 MK T5/[HI?[&7^Z* /(SX43_GG^E1MX47_GG^E>OG14_NBFG0T_NB@#QUO"J_ M_TJO+X6 !_ =_I7M!T)/[HJ&30$(^Z*129X#?>'"H.(_P!*Y6_T65"<(:^D M;SPW&0Y\[S:=,A/RFJIMW0\@U[+J?AJ&/=\HKB]4TM(2< M 4Q6.7M7*.*ZW2=0,97FN5F3RY.*L6URRS4$GKNDZX5V_/\ K7:Z;K)?;\WZ MUX;8:@X>9>37=Z'?NQ7DT >RV%YY@'-;<35)@6-/CA9CTH'83:TAJ5M+"5^BFMC3--:5AE:[[1/"RS[Y\.I-G*BL2\&Q."=@I"9\SSZ-,N?D-4)-/E0_=-?0=_X-C& M<1BN9O\ PFJYPE CR*-IH#T-7[?6[B CDUTM_H'E9^2N8O;+RB>* .HTGQ5, M&+G\Z]'T'Q*'V[I/UKP!+@P/P:V++Q));D88T ?56EZW Z#,@_.MV+4(7'# MBOF+2_&TH91O-=_HGBF2L^*/XZ\EUG_6GZT 81^]3U.* MB8 -1NH T(;QHNAK2MO$$T1&&/YUSVZG T#L>B:3XLGW%S^=>C:%XFW[=TG MZUX!;W)B.0:W;+Q"]OC#&@+'U+I>N0N@S(/SK=CU&%QPPKYDTWQI*K*-YD>M=_ M%\4R3EUK M 5GZ4B3R3Q1_'7D>M?ZP_6O7/%\=>1ZU_K#]. .=?[U20?>%1O]ZI(/O"@# MMO#WWDKV3PS]U*\;\/?>2O9/#/W4H]_T_\ U2UI=]S=/_U2UI=] *%__]F^ ME>:^)?NO7I5__JF^E>:^)?NO0!XWXB^\U<--=SXB^\U<--$* _>K4^&A]VO5]%'R+0.QT\)X%65/%5H1 M\HJ9CA: L$DRH.35"?48T!RPK/U:],*MS7G6N>)'A+88T6&CM=4UN)4."YU MYYKOB'&[: ZUQNJ>,)2S#>:Y>\\0/.3EC18;-;5?$,K,<,?SKGYM2GF/E:5X528+\@KK;+P7'@?NQ0 M!Y)9Z!(V,QG\JZ/3_#18C,?Z5ZK:~#XUQ@K9MO#$<>/D%,=5W3?":-C,?Z M5TUOX.@*%$7.(_TKVJ M6R#CI6?/HJ2?PBD(^?[_ -%_TJ2)SA#^500VTRM]T_E0!W^F:[(NWYOUKM+UUWV_,?SKR6S6 M92.#78Z,TN5R#0.Q[!I>H-(!S746\N4!K@-#+X7.:[2W8B(4!8OO* .M9M[< M@(>:9=3LH-<[J%ZX5NMC%\078VOS7DVOW1+-S7;ZY=L0W->;:Q(69J .9N) M'=S4*P2N> :T88!))SZUTNFZ3%)C(% '-V&F2R2#*&NYT7P_YA7.2(#J*0[MG*?\(7;8^X/RK.O_ = <1C\]J"\Q".HJ&6))1VIB/$M5*JN[;'^E<;J/AMYD)Q'^E?1ESHR3 \"N=U/PNAO68*!'SA>:6T>?EK%GA,9Z5[1KGAW8&PE>=Z MKI+HS80_E0!RZ3O&>*T+;4Y488)ITV7=]P_E5B#2Y,CY#^5 '4:)]TQ9>37 MJ?AV]=PN37EFBZ* /3=,DW1#-:RGBL/3O8->^XU>/^*.KT >5:M_K36(W6MO5O]:.Q&ZT 6;7[XKO_#A&Y*\^MVPP MKL=$O/+9>: /<_#9&U*]$LV7RU^E>+:'K@C5?FKM+;Q.JH/G_6@#T+>S>-%3_EI^M9ESX_50?WGZT==KC)L;D=&!$>.8K\8E/%E!'F?K M7≠ZMX@%R6^;KO!RNK_ZUJPVZUJ7LOFN36.*[K MPZ#N3B@#V+PV?E2O1+0_NU^E>=^&Q]5Z):#]VOTIE:%A^E8+I?ZIJV'Z5CZ MD?W34B3S3Q)T>O(]>^\U>N>)#P]>1Z]]YJ .1F^\:;&/FI\WWC3$X- '2Z)_ MK%^M>M^&& "HKPBQ^(*Q M(!YGZUI#XE+C_6_K0!(/YJ>HH\U/45XS_P +*3_GK^M' "RD_P"=OZT >S>:MGJ*/-3U%>, _\+*3_)Z_K1_PLI/^>OZT >S&5,=169J$]>4W->6?\+*7_GK^ MM5+GXB+(A'F?K0!I^)9%*OS7COB!OF:NDU7Q8+D-_7WKB-2O?M!//6@=SGI MS\GJ)/O5/*N342KAJN=!HG^L'UKUSPO .!7D>B_ZP?6O?'\% CUO1?]4/I M70ITKG=&_ PI4/I6\'PM "7'W37$>(3\KUU]S+A37$^(9:7 M["S6YKT?Q(^6>O-K_O6H I;SGK5VS^9Q6?WK0L/]8OUHN.YVVB6(E*\5Z5TMN@"0+\M<3X: W)7L?AY!M7BG<+EBR\A /E_2MVVT\18^6M*W0;1Q4^P4#N0 MQH%'2IABC;2@4 +2TE+2)"C HHH :P!'2LR^MA(AXK4J*1-PH \\UC0Q-N^6 MN"U;PGNW'9^E>XSV8?M6'J&FHWRT ?/&H^&_)S\GZ5RUY9>23Q7MWB#3PH; MY:\KUR'8S<4 4>M:MIK)C(^:L"?AC42,=W6@#TW2?$)+J-WZUZ1H.K& M7;S7A&CN?-'->L>&&.4HN.Y[/I4V]!6ZG2N8T/\ U: _2NFC^[0(?BDP*6B@! M,"C I:* $P*1TH_=M]*O52O?]6WTH \X\2?=>O& $7WGKV3Q+]UZ\;\1 >>@ M#@KG[YJLO6K-S]U67K0!N:1_KA7J_A?JE>4:1_KA7J_A?JE 'KVA?<7Z5U, M8^6N7T+[B_2NIC^[0_%)@4M% "8%+BBB@ JG=_-^(_O/7LGB3[KUXWXC^\] 'G]U]\U5YMW7WS58#F@#7TK_6BO5/###*5Y M)9R^4X-=CI&OBV*_-TH ^B=!=-B\BNJBD3;U%>!:=X\6!1^_6ME/B2@'^M_M6@#VGS$]11YB>HKQG_A9:?\/7]:/^%EI_SU_6@#V;S$]12>8GJ*\: X66G_ M #U_6C_A9:?\]?UH]E\Q/45%+*@'45X_P#\+*3_)Z_K4ARN=:HG^L'UKUSPO .!7D>B_ZP?6O?'\% CUO1?]4/I M70ITKG=&_ PI4/I6\'PM "7'W37$>(3\KUU]S+A37$^(9:7 M["S6YKT?Q(^6>O-K_O6H I;SGK5VS^9Q6?WK0L/]8OUHN.YVVB6(E*\5Z5TMN@"0+\M<3X: W)7L?AY!M7BG<+EBR\A /E_2MVVT\18^6M*W0;1Q4^P4#N0 MQH%'2IABC;2@4 +2TE+2)"C HHH :P!'2LR^MA(AXK4J*1-PH \\UC0Q-N^6 MN"U;PGNW'9^E>XSV8?M6'J&FHWRT ?/&H^&_)S\GZ5RUY9>23Q7MWB#3PH; MY:\KUR'8S<4 4>M:MIK)C(^:L"?AC42,=W6@#TW2?$)+J-WZUZ1H.K& M7;S7A&CN?-'->L>&&.4HN.Y[/I4V]!6ZG2N8T/\ U: _2NFC^[0(?BDP*6B@! M,"C I:* $P*1TH_=M]*O52O?]6WTH \X\2?=>O& $7WGKV3Q+]UZ\;\1 >>@ M#@KG[YJLO6K-S]U67K0!N:1_KA7J_A?JE>4:1_KA7J_A?JE 'KVA?<7Z5U, M8^6N7T+[B_2NIC^[0_%)@4M% "8%+BBB@ JG=_-^(_O/7LGB3[KUXWXC^\] 'G]U]\U5YMW7WS58#F@#7TK_6BO5/###*5Y M)9R^4X-=CI&OBV*_-TH ^B=!=-B\BNJBD3;U%>!:=X\6!1^_6ME/B2@'^M_M6@#VGS$]11YB>HKQG_A9:?\/7]:/^%EI_SU_6@#V;S$]12>8GJ*\: X66G_ M #U_6C_A9:?\]?UH]E\Q/45%+*@'45X_P#\+*3_)Z_K4AR M>:K7>M&3/S5C7%X9#0%R*8[Y*LVML7(XJM;J991Q77Z/I9E*+0(9I^GL67B MNZT2P*E>*M:1X;+A3L_2NUT_P\8P/EH GTF$HBU?U"39%^%7;>P\!!Q6?K*[M8S]* /._$.H%-W->9ZMJYWD;[Q;O03EZIU9CYIYH CN-1+D\U1:3S&JJQ.: MF@&&% &E:67FD<5TVG^' -Q\M5M$MMY7BO3M"TH.%^6D4F9FD>&=I4[/TKT' M1=($6WY:T=/T8!5^6N@MK 1XXH!LGL(B#BM)5&.E111[14],D,4444 %(:6 MD- #3BH9%##I4Q%)MH RI[$2=JQKW1 ZGY:Z[94%P@VGB@#Q_7-%"!OEKS#7 M;(1EN*]U\1*-K\5XYXE W/0!YI=KAV[J"<]>E>&I/F3FO-OV>0>U='I6MBV9?FZ4"/HCP]*NU>:[:WD7 M::^?=(\;K%M'F?K7;Z;XV6; \S]: /468%>M<]K7^K/TJ*RUL7^CYNM-U27 M?#GVH \K\4?QUY'K7^L/UKUSQ1_'7D>M?ZP_6@#G7^]4D'WA4;_>J2#[PH [M;P]]Y*]D\,_=2O&_#WWDKV3PS]U* /3-/ U2UI=JS=/_ -4M:7:@"A?_ J; MZ5YKXE^Z]>E7_P#JF^E>:^)?NO0!XWXB^\U<--=SXB^\U<-- $*_>K M=T?_ %HK"7[U;VC_ .M% 'JGAD?>@1YGJ3GS6YK*+ M'/6M'4O]:U9AZT[CN7;/F1?K7H'AV+C^&OO)2$>J>']0%5X MKNK6S 4<5RGAT?*E=Y;CY10 U(0O:IU ':G8HVTRM!1BEI *6@04TTZFD4@(MVQZ57<]]M%*C,>:$/0RKJU$JD8KGK_PX+G/R=?:NT\GVIPA'I3#0\GNO *S M-GR_TJL/ATN?]7^E>R"%/2G>2GH+1)Y%%\PI_U?Z5K6?@X0D?)^E>D>2GI1 MY:^_E [G-V.C" #BMA;?:F,5>VCTI"*,>YMMP/%8.H6&5;BNP>+-9UY;Y1N* M0]#R+7;+:&XKS+6HMC-7MNOVF5;BO*M?LCN;BF#.#%QY3_C6K9Z[Y./FK,N[M1@QXJ@\3+ZT$GH%KXP\L#Y_UK6@\=E,?O/UKR0LZGO3A,X[F@:/;;;X@G('F M?K6[9^.?,Q^_6OGR*[=2/F-;%GJS1D98TQZT79^*!+CY_UK>MM95\?-7SS M9>)S%CY_UK?M?&P0#]Y^M(D]\@OD%32".9,9%>*6_Q 5,?O/UK0C^)" ? MZW]:.\U#1([@'@@/Y4 =7_P),?\ GI\M)-PDI_O_ *US(T2]/9ORIW[@WWHW MY4 =)_PDI_O_ *TQ_$A\?ZUSW]@WWHWY4?V#>C?E0!?NM?9LX< G6#=ZM* MQ.'/YU=/AR];^_E2'PI>_ ?RH Y^2_E8>/YU']H=-=' _P (?=G^ _E0 M/!]WG[A_*@#!C!D.*T[71WN,84\UMV7A&Y$@RA_*NYT/PNRE=R?I0!Q5CX/E ME92$-=OHOAA6(KE#7HND:!"H7=&/RKJ8-*@0#""@#F=%TIH N177P)M0"I$M MD3H*DVXH B?I6-J0_=-6T_Z\L?4O]4U.P['F7B0:O7?$G1ZBU_[S M4!8Y*4_-48-.F^\:8O6D(G0GM5N,2GH34=I"9&'%=-I^DM+CY: ,=$N.Q;\ZMD$5S_>;\Z[>U\,R.H^3]*O+X4DQ_J TH \Z\]Y_O-^=-,=R/XF _O2/^$3D_ MYY_I3'\)R?\ //\ 2@#S@BY'\3?G2#[3_>;\] ;PE+_ ,\S^5-7PE+G_5G\ MJ .$"7)_B\;Z=Y5SC[S?G7H,?A.7_GG^E+)X7=4)V?I0!YNZ2CJ355R1UKM- M0T5H@?E_2N5OKO-K_ %K4 9_>M"P_UJ_6L_O6A8?ZU?K0 M!Z7X9^\E>R>'?NK7C?AG[R5()X=^ZM '<6_W14]06_W14] !1110 4444 %% M%% !113&<+0 I450OD'E-QVJ:2[5.IK*O]3C$;O6$ M=^C*^ #7D>OS!F:@#B;C[YJ%?O5-<'+&H5^]0!NZ/_K17K/A?2]E>3:/\ ZT5Z MSX7ZI0!ZH?^K7Z5TT?W:YGO_P#5*8Z:/[M #Z*** "BBB@ JE>_P"K;Z5=MJE>_ZMOI0!YQXE^Z]>-^(_O/7LGB7[KUXWXC^\] !7/WS59>M6;G[YJLO6@ M#>O9/$GW7KQOQ']YZ . N M?OFJX-3W7WS56@"4/BG"X=>A--CC+G J]!I4LW0&@"K]ME'1C^=+]OG_ +[?MG6U%X7N9!PA_*IQX.NS_ \J ._ M"?^^WYT?;Y_P"^WYUT7_"'?7\ 7UIEDR C-=1ITT'&<4 M9$7AZ>7L:NP^#IY"/D-=UI;6K[>!7;Z596LNWY10!Y1I_@>8."8S^5=YHGA5MX2N4_2O2;+1[8]"$%:L6FPH.%% &+I.EK$JY6NABMT4=!3TA5.@J7!O!#(@" M]*YC?7N-]*ZF7[M4:M_K37J_BCJ]>4:M_K30!B-UJQ; M??%5VZU8MC\XH [WPZH+)7L?AN-=J<5XSX>EE%O>';Q%5.: /3;*)?+7CM M5\(!VK&L;]#&O-::7*MT- %C%%-5LTZ@ HHHH **** "BBB@ JM<_<-6:K7/ MW#0!PGB+[KUXWXE^\]>R>(ONO7C?B7T:>;WW^M:J/>KU]_K6GJWCHT]._U MJUZ?X9^\E>8:=_K5KT_PSJY* /8O#WW5KM(/NBN+\/?=6NT@^Z* 'R?=KF]; M_P!6?I722?=KF]; -6?I0!Y'XH_CKR76?\ 6GZUZUXH_CKR76?]:?K0!S[_ M 'JDA&6%1O\ >J6#[PH ZO18[+Q7IFB::KHORUY_P"'E!9:]@\.Q^43B@!+ MG2%$&=HZ>E<)K]B$#?+7M,]CYEOP.U<+X@T*24-M7]* /"M339(<5DF5U/!- M>@:OX7N'Y.P_E7+W.@3Q$Y4_E0!0MKR4,/F/YUV_A^[E++EC^=<5]E:%N171 MZ+=K"RY- 'N'AZ9FC7)-=-=DFV_"O.-"U^")%RP_.NDN/$UNUOC>.GK0!S'B M?H]>1ZU_K#]:]U_5HI@V#7FNJMYCDB@#GW^]4D'WA0\9Q3H5PPH [3P]]Y*M]D\,_=2O&_#WWEKV3PS]U* /3-/_-4M:7:LW3_]4M:7:@"A?_ZIOI7FOB7[MKUZ5?_ZIOI7FOB7[KT >-^(OO-7#7'WC7<^(OO-7#7'WC0!"OWJWM'_U@K!7 M[U;ND?ZP4 >K>&3]VO6=$;]V/I7D?AK^"O6-$!V+0!U43<"G2GY:BAS@4^3[MM '(^(/NM7COB?[SU[%X@^ZU>.^)_O/0!Y?J7^M:LP]:T]2_UK5F'K0!>LO] M8OUKT?PUJY*XLO]8OUKT?PUJY*X /9/#GW4KO+;[@K@_ #GW4KO+;[@HLT44 M4 %%%% !1110 8I,4M% "8HQ36<+5>2\1LH MT5F-JL0/4SDU#^-^AH T:* M2O?5^AJ8-F@!:*3-&Z@ Q4$\>Y34^:",T ;,TB=S4?VJ4?Q\Z[:?P?<\X0_E M5!0!UUG[A_*@#F1>S#^(_G3A?S_WV_.NB_X0Z[_N"\J8_A.Y3DH?RH PA?3_ M -]OSJQ!?SAA\Y_.K4NAS0]5/Y52>W:+J* ,JTK6GB*Y<_G7>Z1XM6,*#)^M M>*BX:/H:GBU29#PYH ^F=.\7QR!1O'YUU-CK23@885\OZ1KLJN7/YUZ5H/B M0*%W@/^M 'N<$X=5;M_K36*QYK:U;_ %IK$;K0!/!RPKJ=(M!*5R*Y M>V'SBN[\QY9*_.NT?0HY0N5_2NPM/"L+*.H/RIOAVU#*G%>A65D-B\4_8_*NZ^SMCTI/LX]*_+3PA;?W!^56D\'VO\ <'Y5U@A_J0)B@#E1X/M/^>8_*G?\(?:?_MW!^5=52T 4U(1Y=XDSAZ)DU[[S5[!XE48>O(=?'S- M0!QTVWWC3$ZU)-]XTR/[U '0:/$'D&:]2\.:=')MR*\RT/_6#ZUZ[X7Z)0!W^_MDZ%"T8RH_*MQ?#T&/NC\J;HW^K%;Z_=H P_^$>@_NC\J0^';?^Z/RK?HH Y_ M_A&[?^X/RI/^$;M_[@_*NAHHP/^$=MP/NC\JHWV@P+$WRC\JZT*$-1_P!4 MU_'D/B+3(XU?_KR;78%1FQ7M7B;[KUXYXA^\U '$S##&HT^]4D_WC4:?>M Z_M/1]/KB//TGK2^"O(]$_O^M>N>%_X* /6]%_U0^E= @^6N?T7_5#Z5T*?=H MAN!\IKB)$(^5Z[B?[M<5XA0E6XH \9\3#YGKS2___-;U>H^):=RSX!KS:_M9 M/-;Y3^5 &/CFK]CQ(OU]#[.P/(-6(!L84Q7/1?#DRJR9->N^'[Z)57+"O M- MO_*(YKLM,\1&/:_ZT@N?0=M?QX%1\P]ZMPK=#7D6F^)2VW+_*UV&G:PL@&7 M'YT#.R!S2U0M[Q&4?,/SJT)E/<4 2T4P,#2YI7%<=129IID4=33&./2]-W+L M6IY+J-1RP_,L+5=1B6, _/SH S=2U/RL -7&ZIK^T,-_ZU%XAUA5W8?]:\OU MC76WL U &WJVM>9N^:N&U.Z\PMS52XU9W)YJBUP9#UH C="YXIT=I(QX%:%E M;^:1Q75:.IHKW_+0!C:18R^:/E->]^&K5UV9%5M*\ %3L_2N[TC21%M^6@# MIM$0A%^E=)'lVLK3X1&HK67I0 ZBBB@ HHHH *I7O^K;Z5=]E>_ZMOI0!YQX ME^Z]>-^(_O/7LGB7[KUXWXC^\] '!7/WS59>M6;G[YJLO6@#?O&_$?WGKV3Q)]UZ\;\1 >>@#S^Z^^:JCK5JZ^^ M;]C[U &KIL0>4_UZ-X>T]*8KD5Y[I7^N6O5?"_5* .]T;PQ;2(N4Y5TD?A" MT* <'Y4F@_<6NKB^[0!R[>#[7'W!^59UYX1M@#A!^5=Z1FH9( ]'D.H>%(Q MG$?Z5RFH^&]F<)>3Z6L@.17/:IH2%"=H"H ^=]2TGR_+7*WD/EL>*]K\0 M:(5#83]*\PUG3)59L(?RH Y83LAXJW!J4B'K5>:SE4G*G\@\)MD/(-_';Z-K M+!ERU>G^']=3"[GKP*WNVA(YKN6YC'SBMV+4H9!PPKYC MTKQE-N4:S^=>@Z'XEDG*Y8T"N>RI,K]#4N:YK2;XS*N370QMD4#%D^[7+ZZI M*-]*ZA^16#JT.]3Q0!XQXGA8EN*KU:W?S3Q7NNO:<9"WRUYSJVC-O\V\]_M/,WA8'I3H@5:NAN],*9^6L:>(QD\4 ;NDW0C9>:[_1]9$87YJ\ACNFC/!K3M M=:>.CYC0!]#:9KRL%&_]:ZRPU$28^:OGC1O$+[ERQKTS0-;#A:HM'6JEU=*B'YA0!9>Y1.IK/NM2A53EA7-ZKK/E!L-^M<-JOBEDW /^M '1^(-1 MA97PPKR+Q%<(/@U+]?B9Y-WSG\ZY#4-2,Q/- &->G,C52[U/*2[&FK;NQO! MH O:=_K5KT_PS]Y*\XTZSE\U?E/Y5Z;X;MI%*94_E0!ZYX>^ZM=I!]T5QV@1 ML%7(KL8?NB@!\GW:YO6_]6?I722?=KF]; U9^E 'D?BC^.O)=9_UI^M>M>*/ MXZ\EUG_6GZT <^_W]FM_O"H7^]4UO]X4=QX=^\M>Q^&ONI7CGAW[RU]X9^_MZE 'HEK LD2Y':B?1XIARH_*IK#_ %2UH=]_U'PS;LC'8/RKSOQ!H$,8?" MC\]HOAF-]\\0V[.KX% 'A&M60B9L"N<.[PMQ7H>O:=(S-\[_*N)N]/D5C\MI_*@!D.NSQ=&/YU9_P"$FN",%S^=8LMNR=15U_O+7L?AGJ[5XWX>^\M>R>&?NI0!Z9I_^ MJ6M+M6;I_P#JEK2[4 4+_P#U3?2O?$OW7KTJ_\ ]4WTKS7Q+]UZ /&_5M7F MKAKC[QKN?$7WFKAKC[QH A7[U;VC_P"L%8*_>K>T?_6"@#U7PR/N5ZUH@'EK M]*\E\,GE:]9T0_NU^E*XKG3Q#Y12R_=IL1^44Z3[M%PN.^)_O/7L MFOQEE:KR'O+:R.SX4_E3&>4ZE_K6K/6MS4K*:S6^4_E62UM(IY4T 3V7^L_M7ZUZ-X:.:']RH%^;:]I_MBQUA"H^XK+N=310?F'YT 7[NI5%/-KB//S57U/6E* MGYQ^=<#K>N?>P_ZT ;MSXCVO]_OZU9LQ5$R[AF3]:\AII:@#FV*VI_@'Y5' PB M-I_<'Y5T9:ZQI:(S86OH+6;>-PV<5Y]J^FPL6Z4 >,36DBL>*]F-E/-=[J&G1* M3C%6ZH3B@#/@N&B/%:5GK4D1&&_6L!E,[BGQJ^>_:/1-+\23;U&_G7H M6A:S),5RWZUXKI:R^:O!KT_PTKY3(-'L,D3&+15S711+Q7+:$#L7-=7%]V@! MX%+-110 4444 %%%% !1110 4444 %1R_=]2HY?NT O8->^X MU>0>*!R]'E.K?ZTUB-UK;U8'S3Q6*P_>E^9BU^^*[_PYJ*X&U!WCBN]\Y MW)0!QX:RI7HEF#W-_2O.?#;85*]#LW^1?10!HBEI@.G9H 6BBB@ HHHH * M*** "BBB@ !K6B@!.4QDIC^=

ME;^!)GQ^[->R:?X<1<9C'Y5T]EH4"@9C'Y4 >&VG@*5<9C-=!9>"W3&8S7L\ M>D6X'^K%3#381T04 >:V'ADQX^2NHL*\K'RUTPLXUZ**D6!5Z"@"O;0[%Z5 M< XH"@4M !1110 U^E86K0ET-:OZ51NH=X/% 'D?B'2VEW<5YKJOAUWD/RFO MH+4_+\S/RUSEUX>#L?D_2D58\%?PR^?N&I(?#3AA\IKVAO#(S_J_TIR>&0#__M_*O]*8F<)H>AO&R_*:]2T"O.:KQ3;+0O+(^3!*ZBPL?+XH$:UFF(Q5LCBF0 MIM45 B@"+:;4+4F!10!#(N5KG=6TXS*V!73G%1M$K=10!XUK7A22C0.#^['Y4 ?+UQX ECS\AK/D\,2*?NFOHZ_P## MT;9Q&/RKG[GPR"W$?Z4 >&CPW)_= 6(/#,FX?(-]C7PQS_J`T]S%X:__Y9 I M0!P.B:\;+\IKU#0+ O!>*DL]#$9'R?I7265F(\<4 :UDFV:-O=]K0X5:L;] M *EXNZ-JX+7[(R!N*]#E7* /!M?]7>E6[7?P[M8?) M>E&1H&E,FWBO2=)M2B#BJ6G:5Y>/EK]+.W" <4 3118%656G*H IV* $%!Z M4M% %"[A\Q2*Y74]',V?EKN"H-1-;HW4"@#QW4/";2D)7/77@:1L_NS7OS6 M$+=4%1G2X#__*/FZX\2G/[LUF3^!)H_P#EF:^H'T>W(_U:_E65>Z% P.(Q M^5 'S% X5FB_A-9\VCS1=C7T-J'AU&SB.?E7+7_A)RV\T?2 M93]XUZE>^$)6SB,_E6)-X,N"W$9_*@##B4>9NYJU';S2>M=?!X,N 1F,_E6S:M>$)01F,_E0!PT&C33=C6I;^$)IL?(:]*T[PL5QF/!*[+3/#T:@9C'Y4 >*?O? M*>9QGRS5!/AI,A EF;^B+:,1+ <(,QC\]MC1K;_GFOY4 ?/=MX"E1A^[-=7/ MA)X2N4 >MC2,*MT4&:.(UC1S.&PO6O.l8\&R3%L(:]V>W1^H%5WT MV!^J"(#&YDN? $VX_NS5%_GZ5X7VE=T?Z5VFG>'XE S&/RH \'7X?3'__)9FIH_AY-G_%9KZ-BT M.WQ_JO^56%T6V_YYK0!X1!?@:6%AF,UZ!HOAYK<+E:[Y-*MUZ(*L);1IT44 M4[\"U$<8&*TE4 4*@7I3] $Q2T44 %%%% !1110 4444 %%%% !1110 PFHR: MD-1F@!A4-49M5;J*E'6I%H J?V=&3T%)_9D7]VM 4M &>__B'\(J1;%%Z"KE M% $2PA>@J0#%+10 4444 %%%% !1110 4444 %%%% !1110 4444)BFLH / MI#0!6>]6[56>Q0!16@:C- %#^S8CVIPTN+*[5X4\4 4E7V3:G2U1.@JP*6 M@!JH%IU%% !1110 4444 %_9*D%1BI!0 M(1FEHH @>W5^HJK)ID4G516C10!BMH,#=4%1GPY;'^ ?E6]10 M!SQ\,VQ_@'Y4G_"+VO_<'Y5T5%'_,\(O:_W!^52IX=MDZ(/RK=HH S()A M3HHJPMFBC@5;1#0!7\H+2CBGM3*\ U(*B%2"@<!]%%% !1110 4444 %%%% M!1110 4A&;6B@")H0W:H&L4;]*N44 9YTR(_PTW^RCOQ[HK2HH SO[,B'\(IX-MM$3H*NFHS0!$%"]*>#33UIPH D%/I@I !1110 4A&:6B@"%X%,]*@>PC;]* MNT4 9W]EQ?W:!ID0_A%:.% %%=/C':IEM57H*L44 ,5 *?10 4444 %%%% M!1110 4444 .:, 4+6B-U%6:* *!TZ.]J3^S(OIHK0HH S_[-B]!3A#8[5> MHH IBQ0=]>+5!VJS10!$L0':G@8IU)0 AIN:4TVJ12%S3J93Q0P8%U'\ _*NBHH PT\VZ]$'Y5.FCPKT45JT4 4TL8TZ"K"1!>@]2B@ MHHHH ***** "BBB@ HHHH *8R T^B@"NUJK=14+:?&>U7]*_,P#LR+^Z*/[_MB_NBM"B@"DMA&O05.L"KT%344 (!BEHHH 2D-+2&FAH;FC)+13*TA0-2BEI M,EE=[1'ZBH&TV(_PUH44A&=_9<7]T4O!FO#M6A2&@"C]B1>@H\H+TJVU0-31 M2&@XJ534-2I38$V,BF-K=13UI]224GL(VZBHFTR+^Z*TJ:.,LZ7%_=I5TZ M,!6@:2@"".U1>@JRB!:!3Q0 M%%% !1110 4444 %%%% !43Q!NM2TAH HR-M62/U%5GTB%^JBM4TV@#&;P_;MU0?E49\,6I @'Y5OBG4 <\/# L/X!^52KX? MMUZ(/RK3287ZJ*TJ6@##?P!;OU0?E41\,6I @'Y M5T5% ',?\(O: P#/,?E2 P#"+VO]P?E7144 <^/#5L/X!^52)X?MUZ(/RK GRAPHIC 14 image00003.jpg begin 644 image00003.jpg M_)C_X 02D9)1@ ! 0$ 8 !@ #_VP!# 8$!08%! 8&!08!P8("A *"@D) M"A0.#PP0%008&!<4%A8:'242?&ALC'!86("P@(R8&C+B16+1\M_"TH_"4H*2C_ MVP!#0<'!PH("A,*"A,H&A8:*"@H*"@H*"@H

Z' M_P"+H T**S_MMY_T";G_ + 0_P#Q='VV_Z!-S_W^A_^+H T**S_ +;>?] F MY [_ $/_ ,71]MO/^@3< P#?Z' XN@#0HK/^VWG _$";G_O]# \ %T?;,S_H M$W/_ '^A_P#BZ -"BLR;4YX(S)/ID\ <8ZLT\(_\?K*C\4S7{/#L F7$DRG& MZ0KL'OE2?Z5SU\52H:3>KV6[?HMSEQ. HX:RJ2U>RW:]$M6=.[*BEG(51R23 M@"L*[\2P>:,??X9+ ^Y](O\H^]K+;3-5OIBVN075P@/RPP2Q)'^K_I6Y:/)9 MQ".UT.:)/19(1G_Q^N?FO6(^%>SCYZR^[9?. HRS@2,=R!RJ;A^VWG_0)N?\ MO!#_ /%T?:,S_H$W/_?Z' XNMJ.#I49<^\N[U?\ 7H;X? 4:$O:)BLC0HK/^VWG_0)N?\ O)#_ /%T?:,S_H$W/_?Z' XNMJ.#I49<^\N[U?\ 7H;X? 4:$O:)BLC0HK/^VWG_0)N?\ O)#_ /%T?:,S_H$W/_?Z' XNNH[30HK/^VWG_0)N M?^_T/_Q=']V_P"@3<]_H?_ (N@#0HK/^VWG_0)N?\ O)#_ /%T?:,S_H$W M/_?Z' XN@#0HK\ MMY_T";G_O\ 0 \ Q=&PXU=A'*O6".>&23_M +Y5R? SK6C0JUYBO)H_B7XC\21)/ _@R]=& Y>]3(AB7W MP#@]]54D\'^//$4C?\ "8ZY>16]/-GH[Q1(1[L6! #!KTO[)='7%U(T *]Y M?^ QO;YV(]I?X5<[[Q+X_^&MPU?6+6*9>L"YDG_?*Y(_'%<>?B7K_ (A. MSP'X0O+]J N%OM1 \,E7L/"+27"\^?)/ MF\9^+Y+6V;K8Z0OECZ%^/Y&H[[X$^#7FL]];@FZ5(GQ<9+YSDDD'FO3/MMY_ MT";G_O[#_P#%UQOBCXEZ;H.JV!GJ%C?":.*1)V\HQ.- O/&0_7V]*G$.+H]*G MLX]HI17X;_.YU83+]N-G[*A!SEN>]Z59+INF6ME')++';O+$KRMN=@HP.GN: MM5F>&M9@\0:%9ZK:)+'!=)Q190 P&2.<$CM6G7E_M/?O>Y%2G*E)TYJS6C^ M0CHKKM=0R]<$9%&U6)3<3!]%_Q_P*HS7>MWL1D"PZ19]YKAANQ^/3]*XI MXZDITCWW4T<2^KMBL. M3Q(UTYCT6RFO&Z>81M0?C_\JKB]4\7>_]"G)U36CK.H9QY<.;@D^F%X_,TV M/X@>*M;01^"_ US';GA;K4F$$8']%X_0FO1I9+FV*CSSBJ,.[.3^^5E]RD8. M6,Q&DI*FNR]Z7W[+[GZG:?V/JFIW'MOX\. M/1?@_X0TV0 M37%C)JEUU,VH2F7)_P!W[OY@UT4LFRS"2YZ];GG_ '4Y/_P*5DODFC6C@*5. M7M%&\OYI.[Y:RL4KWXRZ++,.UOX9TI5?$%UG %I;E4SIL?Z U +[XJ^(O^/7 M3M+\,6K?QW+>;.!].>?]!7]%G:V]E"(;*"&WB48"1($ 'T%35U_7\+1_W>@O M6;YG]VD? P9W5I\7'TMA'XS*:SHK#[TRQ^=#]<\"TS77:#X\\+:^H&F:Y92NW_ "R= M_+?_ +Y:!KI6 ="K@.IZJ1D&N1\0?#;PCKO9K_0[59FY.UN/)?/KE<9 `8^ MVRZO_$IRIO\ NOF7W2U_\F':v=S9OO#VF7OS26RHYYWO?(?KQ5+^R=7L/\ MD&:F9HQTaNAG]:XW_A5FJ:*2W@OQGJVG*#E;;Z/GP_D>/TH.L2%+P_\ \A+0 M=-\16R]9=/D\N7'^Z>I^@KCGP[A,1+9PEr:/- ZNG+\;1?WLX*F7X>4N?D<)=X MZ/\ #?YH[+ ^WfRR.W6 .FB' #UA^=?\ C6I8:QI]!ENHV8 PDI6 (UP%C M\9 #XF%OXBL]4T"Y)VE+VV8IG >]0*Z>U/A;Q3'YNG75A=LW\=K _Y#^HK MBQ.4YK@%>;O'^\ORE'1 <2H8RE "]*HNTM'|Z 6)TI%#AY[K[U?\,%?VDJ7 M^]4Y0\]X >K_(V.CHK.L.:TZ_O]GNHRW]QCM.\C6C773JP]QYJ,37D=U*M3 MK1YZ4E)>3N%%%%;&H455U#4;33X]Y.D8[GD_0=:O/[6U/53MT:T\B \?:, M@8 (? KKEK8RE1ER7O+LM7_P/F<6(S"C0E[OFG_ "K5 =T]?9& _=W<%G$9+ MJ9(D)6.,U@OKUWJ#&/0;.I1T Q,. J#Z5+:>&H/-%QJDTE_<]>&W _/B:*+_ *Z.% G7&;K\ M5/!^E75];WFKQB:T949(U,AD)&?DVYW>A]#710PE?$NU&#EZ)L3DH[L]>EZU MY#=? %'7=8!'A#PM*EN>E_K$BV\0!P"1G\S7.ZD9=5R?'GQ(583][3M"4[/\ M=+*.?Q!KLEEL7 @*O;YM&M##U\2[8>G*?HFSU?Q+X^\+^&U8; MKK JDJ \L8V\R3 OE(24\"^# [N6(\"^U.^3$/<#//Y_A6/X;E\ M&Z+(I\)^"=2U2['2YF@WL3ZAFSC*ZX:SX^U$8L?#MCIL?17O)Q' 0<_I M6?\ :&64/X%.55]Y72 \!C^LCN_L/&K6ORTU >E%/[FI_@9/ "I>./$HW> ? M%\L- NWWK#2%\M/H6XR/]#72^'?ASX1\,*LUGI5MYR\ ,:KL^:X/KN;@?AB]/ M COC;4/^0EXKBLT/6.Q@QCZ.P:$^%VF3/OUC4]7U.3N9[@@'^OZUE6SO'5H M^S@N6'96BONCO\QK+L%2UK8A- W8RE^+Y5^)T6H>+O#VG B[UBR0K_"L@8_D M,US\WQ2T-F*Z7;ZE];] +:V._ 4XK:T[P/X9T!MM%L]PZ-(GF"\VS700Q1P M*%AC2-1P BA?Y5YMJTMVE^)?M,LI_#"<_5]*^Y)O\3@? ^$K\7ZA_R"/!SPH> MDE]<M'UQQ2C3_B'J/ 'UK&EZ4A[6T7F./S&/UKT"BE[!OXI_A^0?VI"\"\A M"/JG)\ DS: \ .%<27O.O>)M8O\ /WHUD\M#^:8^N?!S2YKVV;3[V>T MAD= (2C#S#DYRV2:]8J"Y_P!=9?\ 7U' %I/"49*SB:4^(&*XC.<\:21D@E77(X.1Q]:<&^M"6CV8&+B/CEAR:Z.11C9B !Y8PC'W?!IZ5B> /^03:\ M80L 2B.@"C _&A_ P! J \ (7 _3LBM -;$W_0*O\ P A? -*/[0F_P"@53\ D+ ..54NO% M6CVP)\5\?W%) 7I6!J7Q$T[8\&GN/M3C"%V7@ 3-^[L;R)?]IHLGV,K@X : M\47L14VCUW$<#Z56_P"%;>):D\SQ'XE%G$WWH -0LY]C*]M!^%/+\1+,J?M:5H1VO- E&-Y/\%YG)ALWK9A3Y\'2T[R=E]RNW^'],^L_$O3 M+&#<&BMSC.;R54Q P$$Y/L*X/_A9@\0N8[#3]?UN;<0+>S@\]+ZEN3CZBN]T M'X2^#M(<2_V7]ON>]FOG.S$^N#\OY"NYMX(:;$16T4<.0Z)&H51^ KT_JF71 MUK\l=]F_9P \!C>3^?5]U*TN>I)M]V[FR26QG_VA_ T"K \\A? !RC M^T)O^@5?_P#D+ XY6A168S/_ +0F_P"@5? _D+ ..4?VA_P! J \ (7_M .TV MGRQPD\ ?,* !7J5#?*,MP/?BNK#8W$85WH5''T9+BL;H\'AGX@Z!SX7\0 M:C>P+ |VUU>.)Q] VD#Z8J^/'?CC0D' _E7@>6YA ^.YTJ3S!]2O./QKT>\ MUG2['/VS4;*# /6=5_F:PISXB^%+3. 68'8=H5.3/Y#%=.LZA+ 'NG"2G; ME?WQM^*9TT8TMSG >+@?G7368 MOQ")O#DU[<08R$=X94(^HD-8NN>,O!OB!6BG\.W.ML?^G $G\>M<)>^#I)YC M<>"/#'B;0;DG*LMX8DSZE6_H17!4IH9#BY<\7*E/NES?C'E?X,BKPCB)?]L.D MH2[\RIO[{K\3UW4O$FK:9;]M]IT4<[_4XV M.+<*N)?LDMDTY:VMS15OFG>VA[3I^F0VTGG7&E:E>774RSF)N? 8>96V+Z?'& MD:ACV\K_..5YBO@/XBWAS]7Q#>%3U6TB(Q_Z#4J_!V2Y8'6/&WB.\]0DOEY M_,M7=0RG X6/+[>*_P ,9A %]7^\]2AAZ.&CR4(67RU]=,OYGH4^N) L]G M<1 ==\L"_P Y*PK[XE>& [#(NIV*.AU7[;EOR$F:PH?@=X.!!O$U*^8=[B\8 MY_[YQ6O9 "?P/:8\OP]:OC_GJS2?^A$UMR9;#>D8Q .3_ "_U=[Z?C_D8 M=Y\= !=LVT2:A.WI#;AOUW 51G^/WA\ \@ 2:;NV]/*5/ZFO1;3P=X:M.? 9M M!TR+']VW7_"M6&PLX0!#9VT>/[L2C^E3]8P$/@H2?^*2^45^9HHT_M22W)?] MSO>3XV:U=_C2/]W)GIYTC?T6H'\= %?4A D'^%(+9#T+VTCX_$D"O> <# MX'H*2D\PC'^'0IKU4I? G)K\#52PRWA)^LE^D5^9X!)'\,-3ZW'V-#VCC@CQ^ M)^.J%]X ^*%]Q?ZUJ4ZGJJWX 'X,J^CJ*7]K8M?PY*/^&$%^/+?\358FC':A M'YN; .5OP/F; A2FMSQNU^]W*^"Z/KFH..]U7&C3A\,48U\SOF{5M637:[M]VQGKJ$RKM72,\+Z#R@/_1E']H3?] J_M_P# _"% _P#=D:/!+HSP).] MPB.74.^S/.Q"R[C[9SC-9NH^*]27R9+5K 6EUI\%Q:SE7.&DDC4NP.,*_ "Y_M^?[4 =[6#XT_Y!.O_P!A"S_]*(ZY6W\6ZP;QXWGL66PN$MY@(2#>[IVBW)\W MRXOTY^8$=*7XE:W>6VHPV.1C^S@17."G.,])PY],J.*Y<9C*>#]>UJ[')C\= M1P- %UZST1U=%>7W7Q-;3;94OH8S<#)+]6VD9XX]..M4!\3UNERV]VUFI[>0 MQ\ (URK-Z$TG33=_*WXNR-.,\1BJ:K83#5:D7LXTY6?HVDCU^HYKB&!%YSN\^]O&]?-3 -[Y-:K M$UZGP02]9?\ R*? YF=2&:K_F%C^T_P#IPU'_+\?_7JO MJD7\O,/HC]3_.G#4?\ OQ_]>C^T_P#IPU'_+\?_7JH MX2A!W5-7\U=_>[O\2HY1@HN[IIOS][\[F?;>#O#]N05TN"\[TV9"?\ OHFM M1M.L#9R6GV*V%K(,/"L056'N!4?]I \ 3AJ/ ?C _.O1 .;? _$X:C_WX_P#K MUU^TE:R9W0IP@N6*21\;Z;96DQEM:6&*4KL+(N"5]*MU0_M/ IPU' OQ_P#7 MH_M/ IPU' OQ_P#7K-))60XQC!? MBSV^/^>]JG\S2;2W* MC&4W:*N;5%<-\3^"T$FR6_96]HRP_9JK)\5/#K,5L1?WSC^&"V)_G63O%*.M.\D=]/*,=2559[!SO**X# A/=5NL_P!E>#.7F]#/B'^AJA)XF^(=RQ6U M\)16B_WIR7(_\>\]7UF#^&[^3-?[&Q$?XKC#UG%?A>_X'IU+@GI7EVSXA7@&M_P!)U%;%3VMK#<1^?^_+_P (KJEU_P A7Q)XHF]1!!Y/_LQH]M_#!_@OU#^ MSL/#^+B8_)2E_P"VI?B=%J?Q$\ :9J$]E>7SI<0/LD40L<'ZXK2NO%OAZT4& MXUJP3C./;5C^0R:\7U;X5ZI-J5Q)9R3-;LY*&YCGC<+DE"G3E2]SFVM;6\N]K?B%W\4/"EN< M+!$EP?2"!F_F!5;_(64ES_R"O#FN7N>C+!M7\ZZ;T:QL\? 9-$N(.=/*LE3^ M56O[3_Z<=1_[\?\UZVY*SWDEZ+_#9YWUC+H?!0E+_%/](Q7YG' P#"2^+ MQ_C0\'K IZ/=7(_D.4GE?FV3Z'IP/JQ3(1^>ZNQ_M/ IPU' OQ_\ 7H_M M/ IPU' OQ_\ 7H]@W\4W^7Y! ;D(_P +#P7JG+_TIO\(XX>$/%=WG^TO&MP M@/5+6 */SR/Y4J_#"PEYU+6-:OB>HDN<*?P _K78?VG_ .&H \?C_Z]'!I M_P#3AJ/_ 'X_^O1]6I]5?U;8?VYC5\$E'_#&_? R2,>L_AKX3M<;=)24_]-I& M?^9K]MMP?RIXPZY!R#@U)/86=Q&R3VEO*C1F%_ME>,,#&>]:393V M\%Y+ &N3=6MN7W'[C3JI&,XZ,?SKK*P?&G_()M _^PA9_^E$=14IP]1Y)JZ\R M*E*%6+A42:?1D-C96UC:K;6D2QP*20F2<9))Z^Y-1W&EZ?&[G_6Z'IY_W80Q\L5FW'PU\)S?\PA(_P#K MG(Z_UKL**AT:,WBON.R&9XRG\%:2 P"WG_F<$WP]\J*/$%OZ 7.1^5=_14_5:72)T?VYF'VJK?KK^=S@? ^$\30?\>7C>]7T$ MT D_K2?V\0+?_4>)=.NVVY_(&N_HH^KPZ-KYL/[9KOXXPEZPA_D>?M[_B5;]8!!O/!TE,_RI3KWCVW_P"/CP]9S_\ 7"ZZ_J:[^BCV#Z33?]?(/[4A+ MX\/3?R:_*2._P"$WU^#_C]\$:F@[F*4/_[+5+6/BFUGID\B>'M6@NE'R&[@ MQ#GA3 YKTRJ>LZ;:;SIL]A[*M):S##FJ&()YSUJ94JMGRS_!&E"8#VD75PR MM=7M*6WHV_S/?2#?

Q@U" OWANM#^T+Y994T]6;3=D=]6EL/YG%=_16QU=/XI_/ *QO?VO.A*E"/!!/_TKF. _MX5K'<<LTS-G\B*[6BA8;DOL_J3+\ M?)659I>7N_E8Q;/PIX?LL? 9M&T]"A,"L1^)R;UXHHXE"Q1HBCH%4 "GT5K& M,8[(X*M>K6=ZDF_5W%S24451D9%%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !4%S_KK+_KZC_K4]07/^NLO^OJ/^M '1T444 %>>=:AXMUVWU[6K!+6 MV9TCSIL07+3D. 3OW!"<$DH2I&/3)KT6L63PKH4M[?7BVUQ:3V^EV<%__ 4 MQ_Q- :%% &?\ VM! SPO_/P"E \ B:/[6@_YX7__(!2_P#Q-:%% &?_ &M! M_P \+ \ \ I? B:/[6@_YX7_/X!2 \ Q-:%% &? :T' /"__P# *7_XFC^U MH/\ GA?_/@%+ \ $UH44 9_]K0?\\+_ /*7 _)H_M:#_GA? _P#@%+ \ M36A10!G__K0?\\+_P#\ I?_(FC^UH/^>%__P" 4O\ \36A10!G_P!K0?\ M/"__/*7_XFC^UH/^>%_P#^ 4O_ ,36A10!G VM! SPO \ P"E_^)H_M:#_M)X7_P#X!2__!-:%% &?_:T'_/"_P#_ "E_P#B:/[6@_YX7 \ X!2__$UH M44 9_P#:T'_/"__*7_P")H_M:#_GA? \ @%+ _/$UH44 9_\ :T'_ #PO M_P#P"E_^)H_M:#_GA?_@%+_P#$UH44 9_]K0?\\+___ I?_B:/[6@_P"> M%_\ ^ 4O_P 36A10!G_VM! SPO_P I?\ XFC^UH/^>%___ .4O_O-:%% &?\ VM! MSPO_/P"E \ B:/[6@_YX7__(!2_P#Q-:%% &?_:T'_/"__P# *7_XFC^UH/\ GA?_ /@%+ \ $UH44 9_]K0?\\+_ /*7 _)H_M:#_GA? P#@%+ \36A10!G__K0?\\+_P#\ I?_(FC^UH/^>%__P" 4O\ \36A10!G_P!K0?\ /"__/*M7_XFC^UH/^>%_P#^ 4O_ ,36A10!G_VM!_SPO_\ P"E_^)H_M:#_)X7_P#X M!2__!-:%% &?_:T'_/"_P#__"E_P#B:/[6@_YX7_\X!2__$UH44 9_P#: MT'_/"__*7_P")H_M:#_GA? \ @%+ _/$UH44 9_\ :T'_ #PO_P#P"E_^ M)H_M:#_GA?\ @%+ _P#$UH44 9_]K0?\\+___ I?_B:/[6@_P"> \ \ 4O M_P 36A10!G_VM! SPO_P I?\ XFC^UH/^>%___ .4O_O-:%% &?\ VM! MSPO_/P"E \ B:/[6@_YX7__(!2_P#Q-:%% &?_ &M! P \+ \ \ I? B:/ M[6@_YX7_/X!2 \ O-:%% &?_:T'_/"__P# *7_XFC^UH/\ GA?_/@%+ \ M$UH44 9_]K0?\\+_ /*7 _)H_M:#_GA? P#@%+_\36A10!G__K0?\\+_P#\ I?_(FC^UH/^>%__P" 4O\ \36A10!G_P!K0?\ /"__/*7_XFF_;X MKB[L8TBNU)N4.9+:1%[IV %;507/^NLO^OJ/^M '1T444 %%%9OB_GTO1+N M]L[1KR>%RP*2-W/L"<#]< GC@4 :58/C3_B$V__&$+/_THCK TWQW/KV&UTNV68R#_]:/E8F8 " MXC)R0#B@"WT7_PD&F?_#_]^)/_(FC_A(_,Y^'_[\2?\ Q-&I167_P) M!IG_#\/_P!^)\ XFC_(2#3/\ GX?_+\2?_$T :E%9?\ PD&F?_#_P#? MB3_XFC_A(_,Y^'_[M\2?__!-&I167_PD&F?_#_]^)/_(FC_A(_,Y^'_[\2?\ Q-&I167_P) M!IG_#\/_P!^)\ XFC_(2#3/\ GX?_+\2?_$T :E%9&MIXGTRXB+^::#;RO)))>1]!Y3KZ\Y(Q0!VM%%% !575+*#4[:SNU9H91AM MKE&'N:0:M44 @6EE#KFWOK FNI1+&)X9Y:"V9AX:L.TC79#=[(75[@2M&XC;(.K_1C= M@EMO7VXK8T?5:36+5KBQ=F17.;JZ%&1A@X96 (."SV(KBH_ >I.'MKW5[6X ML/L[PQ#[*RR0NX)=U_>;F7.G1WLFH7,5S>WMQ]HF>&(MQQ@[$C 5220-L:]2>\:, MK#)'YBQMCABN1G'ID4 8-QXNT">T6.XN) EP7@>-X75DQA6WC&4'SJ.G ^8 M5(OC'1?])D*2W#>4541K;2%W!SM95VY92%;YAQP:PT\#ZD;18Y-4LQ_DD%[(MMLY,\;NK%LM(2),J1DDC!Z<"E_X13Q.;*]1M9!)&Z]&4C((_"IJK:9;FTTZUMV$*F*)8 MR(4*(,#'RJ22!Z#)JS0 4444 %%%% !1110 4444 8M[XHTFQQY:2\N6ADB1 MG=WB81C:N\?C!(7G ..I6WBS0?/WQS2])@51@-N&[DYX .GT?7+#5Y+B.OE=G@(W]\:(M<'.&&0.J<'!''%:=<]X=T*[T[5]2U"_O(:B:\6_ ((3$&V9P[@LV7((!(P_M<5T !1110 4444 %%%% !1110!1UC5:72+43WAEVLVQ5BB:1F/LJ@GL:QKG MQ:X>FDB5[LR: MQ&R1.RD[=R@$#EMK [>O/2KOBS3M3U32_LND7\ B[,/->2 M)GWQ]T!5E*YXY!SBN>G\&ZLBXTW5;"R",+B%5LBPBG$0CR/G_P!6 ,A>N>Y' M% '0Q>)|(DMK.;[6$%W<_8XDD4]YFY^0J1D$8.V4 MZ2L,7<(I@LOF$LKECO8]6W4XZK!U(49-; [/^G\CT6BN+U'XA:5]B@GT.YL 0,ER+=C M+=_9XXR4=\LQ4XX0@<=:O;?XNMKO+_5IX'MH+.)9'$C#G,2R=?^!8K124E= M'%4I3I2<*B:,Z/1G345P&H?$]UM8M(E2V@9+Z!IF5[M5=2KJC1H ")'#,>,@ M<=:[^F0%%%F<"M:_"K7ER4HN3{)7_M "$VEN=317GT?QD\!/8TA5MN/*_W?.?N@;B>X%)X[T"+:ON:G/=":5;K(+"2)T900"1D@ D;AD#D9YJM;^.M&:./M4LUO.8A*R&"1P.KN"A MPNTN1R%!R>PH ZFBN/M/B'H.K+'IG.,%S3=D1.I&G%SF[)=67**YRX\:.'#)$OVOS.YP6C4D+[FKMMXDT>ZN$ MA@OX7E_M;22WTZZ M:;:QDO6@# M'M(0^1,.?I];FL_&%W?V\2Z?I.5U?- YCO%%?{8U1, D/C.XE ML!2HY!S@XG@>26Y6(QS&+"DC#,<%@I*\=Z .QHKG-7\3'3O$5MIK6B&&+N)+A M8LEB1A 1AR,9(R" 1@':.*KQ-$'PS+.BYBU%(?,\O*6\K$< [B N0N*#N^[C NG-'5T5S=OXSTB;9(TEF)D941!;3&3<20=Z;.H!CDG@=\\<4QO'GA]8UHPPYSQ0!T5%<7:?$"Q6"ZGUF)=/BB=451)YTI+$X M5HU&Y6XSC!&.]7SXX\/ &A85O)'+;=KQVTKQD';SO"[<#S$R2GR M4+OFUE'0)E1E>7'F)E!E@6 QF@#IJ*YC3_&^CW-C+<4C>.,)CNGAE344*PQS+G3Y]S;RXVA-F[>+])M9(.,G9D=<_)#(]DDQ[0$5 M23GS5_/ZX@D\>>'D*@W=PVY_P EG.V.^#A.& R2IY !) P;.HHKE'^(7AE M99HQJ+2/$Y1EBMI9.XSEAM4Y48.6&0.')]T/%$$VE7%Y9VUQ*\=XUA'"RF,S M2A]@VEN-I/.[D8!C% '0T5QL7C;.87T]6OAO3'RK>Z25#*('C0*'XZ^.'20" M'CIEVI^+;W2X[.7^C+!- *SB7?>HL:A2N-LA&"S;L@-LS@\C% '845SVM>+=. MT746MM3\Z-1"DJR1Q/+NW>:2-] D86)F)Z8JE]?Q T+3=3%K-^\Y"YQ@YH ZZBLG2O$6E:M=FVT^[$\PA2X(5&QY; %6SC&#G@ M]\'T.:@ HHHH ***** "BBB@ HHHH ***** "BBB@#,NO#^CW5P\]SI=C+,YR MSO K,Q]SBL/2OAMX2TN[>YM-'B\UU*GS7>5<$@_=8D#IZ445#I0;NTCJACL3 M3BX0]22?1- FU'X=T>,PF+3K6+RI?.4IQA1OVLN2!UX8CGUJM2>$]*O\ 49+R MZ2ZH["BBJ22T1SRE*;YI.[(+GP1H4[Y^S3PH M=X.&WNI88G5\%U9$8*5.T94C'7U_=+113)"LK4?#FBZG#L_(+7.;T_X3>"- /U>74K?08/M4I8MYDCR)\OR<(S%1^ M X[5T-OX7T.UYM.*L[8[TD)@B$9)1MRY*XR 1TZ445M6QN(K_P 6I*7JVQ** M6R*L7@GP[%;R0+ID1C=74!BS&/>[.VPDY0EG)RN#T!!AMQX(T6>5I72]$F[? M&R7TR^2Q.28L/^[R>NW&>]%%P65F4*99G;2088MN#L2P;"<^2'N.S[5*$C+-N9HUW8C8GG-9/^UR2&;26)UNI8S!N8G$>UOD.#M)7!8=Z=:M'0UHWEY# "5P00FP$'.00IX/KSUYHHH_H_\ M*_\ #AFBF:SF:,,/-:ZE+ON)=,6RQR3@YX'0#@<444 6]AN6WNE47,$&]'N9(CL(T9RNT;1>('7;MQ;782+)9VZ.IR&6, BBBLHX>C%\R@K^B M,QQ4LW M@W2)E3S!?&1$6,3?;YQ*0"Q&7WB?2<9SG#@$=*** +G_CVFKHTVE1P-%92 MG)2*5T(.0 M' I%!,"Z@\N59/+%S*TF T;%0Q;(_P!4@!!R,<5H0>%=!@A\ MJ.U(3.5.97).5*DDYR203D]23GK110!6LO WAZRNJYK:P\MYMP;$KX 8$, , MX .3P.YS6A_PC^F_V= XML 16 R1.htm IDEA: XBRL DOCUMENT

Document and Entity Information - USD ($)	12 Months Ended Oct. 31, 2024	Dec. 12, 2024	April 30, 2024
Cover [Abstract]			
Document Type	10-K		
Amendment Flag	false		
Document Annual Report	true		
Document Period End Date	Oct. 31, 2024		
Current Fiscal Year End Date	--10-31		
Document Fiscal Year Focus	2024		
Document Fiscal Period Focus	FY		
Document Transition Report	false		
Entity File Number	001-39063		
Entity Registrant Name	PHOTRONICS INC		
Entity Central Index Key	0000810136		
Entity Incorporation, State or Country Code	CT		
Entity Tax Identification Number	06-0854886		
Entity Address, Address Line One	15 Secor Road		
Entity Address, City or Town	Brookfield		
Entity Address, State or Province	CT		
Entity Address, Postal Zip Code	06804		
City Area Code	203		
Local Phone Number	775-9000		
Title of 12(b) Security	COMMON		
Trading Symbol	PLAB		
Security Exchange Name	NASDAQ		
Entity well-known Seasoned Issuer	No		
Entity Voluntary Filers	No		
Entity Current Reporting Status	Yes		

Entity Interactive Data Current	Yes		
Entity Filer Category	Large Accelerated Filer		
Entity Small Business	false		
Entity Emerging Growth Company	false		
ICFR Auditor Attestation Flag	true		
Document Financial Statement Error Correction [Flag]	false		
Entity Shell Company	false		
Entity Public Float			$ 1,729,553,783
Entity Common Stock, Shares Outstanding		63,335,388	
Auditor Firm ID	34		
Auditor Name	Deloitte & Touche LLP		
Auditor Location	Boston, Massachusetts		

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Consolidated Balance Sheets - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
Current assets:		
Cash and cash equivalents	$ 598,485	$ 499,292
Short-term investments	42,184	12,915
Accounts receivable, net of allowance of $1,126 in 2024 and $1,099 in 2023	200,830	194,927
Inventories	56,527	49,963
Other current assets	33,036	28,353
Total current assets	931,062	785,450
Property, plant and equipment, net	745,257	709,244
Deferred income taxes	23,059	21,297
Other assets	12,681	10,230
Total assets	1,712,059	1,526,221
Current liabilities:		
Current portion of long-term debt	17,972	6,621
Accounts payable	78,717	84,024
Accrued liabilities	87,122	94,578
Total current liabilities	183,811	185,223
Long-term debt	25	17,998
Other liabilities	47,464	47,391
Total liabilities	231,300	250,612
Commitments and contingencies (Note 16)		
Equity:		
Preferred stock, $0.01 par value, 2,000 shares authorized, none issued and outstanding	0	0
Common stock, $0.01 par value, 150,000 shares authorized, 61,949 shares issued and outstanding at October 31, 2024, and 61,310 shares issued and outstanding at October 31, 2023	619	613
Additional paid-in capital	514,757	502,010
Retained earnings	691,807	561,119
Accumulated other comprehensive loss	(86,319)	(88,734)
Total Photronics, Inc. shareholders' equity	1,120,864	975,008
Noncontrolling interests	359,895	300,601
Total equity	1,480,759	1,275,609
Total liabilities and equity	$ 1,712,059	$ 1,526,221

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Consolidated Balance Sheets (Parenthetical) - USD ($) shares in Thousands, $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
Current assets:		
Accounts receivable, allowance	$ 1,126	$ 1,099
Equity:		
Preferred stock, par value (in dollars per share)	$ 0.01	$ 0.01
Preferred stock, shares authorized (in shares)	2,000	2,000
Preferred stock, shares issued (in shares)	0	0
Preferred stock, shares outstanding (in shares)	0	0
Common stock, par value (in dollars per share)	$ 0.01	$ 0.01
Common stock, shares authorized (in shares)	150,000	150,000
Common stock, shares issued (in shares)	61,949	61,310
Common stock, shares outstanding (in shares)	61,949	61,310

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Consolidated Statements of Income - USD ($) shares in Thousands, $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Consolidated Statements of Income [Abstract]			
Revenue [1]	$ 866,946	$ 892,076	$ 824,549
Cost of goods sold	551,000	555,914	530,336
Gross profit	315,946	336,162	294,213
Operating expenses:			
Selling, general and administrative	77,760	69,458	63,989
Research and development	16,576	13,654	18,341
Total operating expenses	94,336	83,112	82,330
Other operating expense	(92)	0	(17)
Operating income	221,518	253,050	211,866
Non-operating income (expense):			
Foreign currency transactions impacts, net	2,168	2,466	27,344
Interest income and other income, net	24,063	14,863	1,680
Interest expense, net of subsidies	(334)	(433)	(1,857)
Income before income tax provision	247,415	269,946	239,033
Income tax provision	63,567	70,312	59,791
Net income	183,848	199,634	179,242
Net income attributable to noncontrolling interests	53,160	74,149	60,456
Net income attributable to Photronics, Inc. shareholders	$ 130,688	$ 125,485	$ 118,786
Earnings per share:			
Basic (in dollars per share)	$ 2.12	$ 2.05	$ 1.96
Diluted (in dollars per share)	$ 2.09	$ 2.03	$ 1.94
Weighted-average number of common shares outstanding:			
Basic (in shares)	61,726	61,139	60,559
Diluted (in shares)	62,391	61,755	61,189

[1] This table disaggregates revenue by the location in which it was earned.

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Consolidated Statements of	12 Months Ended

Comprehensive Income (Loss) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Consolidated Statements of Comprehensive Income (Loss) [Abstract]			
Net income	$ 183,848	$ 199,634	$ 179,242
Other comprehensive income (loss), net of tax of $0:			
Foreign currency translation adjustments	8,630	5,615	(151,209)
Other	(81)	(3)	423
Net other comprehensive income (loss)	8,549	5,612	(150,786)
Comprehensive income	192,397	205,246	28,456
Less: comprehensive income attributable to noncontrolling interests	59,293	70,039	28,697
Comprehensive income (loss) attributable to Photronics, Inc. shareholders	$ 133,104	$ 135,207	$ (241)

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Consolidated Statements of Comprehensive Income (Loss) (Parenthetical) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Consolidated Statements of Comprehensive Income (Loss) [Abstract]			
Other comprehensive income (loss), tax	$ 0	$ 0	$ 0

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Consolidated Statements of Equity - USD ($) shares in Thousands, $ in Thousands	Common Stock [Member]	Additional Paid-in Capital [Member]	Retained Earnings [Member]	Treasury Stock [Member]	Accumulated Other Comprehensive Income (Loss) [Member]	Non-controlling Interests [Member]	Total
Balance at Oct. 31, 2021	$ 600	$ 484,672	$ 317,849	$ 0	$ 20,571	$ 176,870	$ 1,000,562
Balance (in shares) at Oct. 31, 2021	60,024						
Net income	$ 0	0	118,786	0	0	60,456	179,242
Other comprehensive income (loss)	0	0	0	0	(119,027)	(31,759)	(150,786)
Shares issued under equity plans	$ 10	4,280	0	0	0	0	4,290
Shares issued under equity plans (in shares)	954						
Share-based compensation expense	$ 0	6,308	0	0	0	0	6,308
Contribution from noncontrolling interest	0	0	0	0	0	24,995	24,995
Purchases of treasury stock	$ 0	0	0	(2,522)	0	0	(2,522)
Purchases of treasury stock (in shares)	0						
Retirement of treasury stock	$ (2)	(1,519)	(1,001)	2,522	0	0	0
Retirement of treasury stock (in shares)	(187)						
Balance at Oct. 31, 2022	$ 608	493,741	435,634	0	(98,456)	230,562	1,062,089
Balance (in shares) at Oct. 31, 2022	60,791						
Net income	$ 0	0	125,485	0	0	74,149	199,634
Other comprehensive income (loss)	0	0	0	0	9,722	(4,110)	5,612
Shares issued under equity plans	$ 5	268	0	0	0	0	273
Shares issued under equity plans (in shares)	519						
Share-based compensation expense	$ 0	8,001	0	0	0	0	8,001
Balance at Oct. 31, 2023	$ 613	502,010	561,119	0	(88,734)	300,601	1,275,609
Balance (in shares) at Oct. 31, 2023	61,310						
Net income	$ 0	0	130,688	0	0	53,160	183,848
Other comprehensive income (loss)	0	0	0	0	2,415	6,134	8,549
Shares issued under equity plans	$ 6	(1,143)	0	0	0	0	(1,137)
Shares issued under equity plans (in shares)	639						
Share-based compensation expense	$ 0	13,890	0	0	0	0	13,890
Balance at Oct. 31, 2024	$ 619	$ 514,757	$ 691,807	$ 0	$ (86,319)	$ 359,895	$ 1,480,759
Balance (in shares) at Oct. 31, 2024	61,949						

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Consolidated Statements of Cash Flows - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Cash flows from operating activities:			
Net income	$ 183,848	$ 199,634	$ 179,242
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization of property, plant and equipment	82,433	80,473	79,971
Amortization of intangible assets	372	362	359
Share-based compensation	13,890	8,001	6,308
Deferred income taxes	(1,389)	(927)	809
Changes in assets, liabilities, and other:			
Accounts receivable	(2,541)	4,026	(51,233)
Inventories	(6,154)	1,236	(2,039)
Other current assets	628	9,665	1,204
Accounts payable, accrued liabilities and other	(9,643)	(294)	60,566
Net cash provided by operating activities	261,444	302,176	275,187
Cash flows used in investing activities:			
Purchases of property, plant and equipment	(130,942)	(131,295)	(112,338)
Purchases of short-term investments	(100,558)	(20,192)	(38,854)
Proceeds from maturities of short-term investments	72,836	47,537	0
Government incentives	2,229	2,522	3,615
Purchases of intangible assets	(89)	(117)	(205)
Other	59	0	25
Net cash used in investing activities	(156,465)	(101,545)	(147,757)

Cash flows used in financing activities:			
Repayments of debt	(6,621)	(18,439)	(65,440)
Purchases of treasury stock	0	0	(2,522)
Contributions from noncontrolling interests	0	0	24,995
Proceeds from share-based arrangements	1,916	1,248	5,749
Net settlements of restricted stock awards	(3,025)	(1,302)	(1,471)
Net cash used in financing activities	(7,730)	(18,493)	(38,689)
Effects of exchange rate changes on cash, cash equivalents, and restricted cash	2,127	(2,680)	(46,012)
Net increase in cash, cash equivalents, and restricted cash	99,376	179,458	42,729
Cash, cash equivalents, and restricted cash at beginning of year	501,867	322,409	279,680
Cash, cash equivalents, and restricted cash at end of year	601,243	501,867	322,409
Less: Ending restricted cash	2,758	2,575	2,729
Cash and cash equivalents at end of year	598,485	499,292	319,680
Supplemental disclosure of non-cash information:			
Accruals for property, plant and equipment not yet paid	5,217	18,607	3,266
Expected refundable federal investment tax credit	$ 5,013	$ 0	$ 0

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES	12 Months Ended
	Oct. 31, 2024
SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES [Abstract]	
SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES	

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Nature of Business and Basis of Presentation

Description of Business

Photronics, Inc. ("Photronics", "the Company", "we", "our", or "us") is one of the world's leading manufacturers of photomasks, which are high-precision photographic quartz or glass plates containing microscopic images of electronic circuits. Photomasks are a key element in the manufacture of ICs and FPDs, and are used as masters to transfer circuit patterns onto semiconductor wafers and FPD substrates during the fabrication of integrated circuits, a variety of FPDs and, to a lesser extent, other types of electrical and optical components. The Company currently has eleven manufacturing facilities, located in Taiwan (3), China (2), Korea (1), the United States (3), and Europe (2).

The Company operates as a single operating segment as a manufacturer of photomasks, which are high precision quartz or glass plates containing microscopic images of electronic circuits for use in the fabrication of IC's and FPDs. In accordance with ASC 280 – "*Segment Reporting*", the Company's chief operating decision maker has been identified as the Chief Executive Officer, who reviews operating results to make decisions about allocating resources and assessing performance for the entire Company. Existing guidance, which is based on a management approach to segment reporting, establishes requirements to report selected segment information quarterly and to report annually entity-wide disclosures about products and services, major customers, and the countries in which the entity holds material assets and reports revenue. All material operating units qualify for aggregation under "Segment Reporting" due to their similar customer base and similarities in: economic characteristics; nature of products and services; and procurement, manufacturing and distribution processes. Since the Company operates in one segment, all financial information required by "Segment Reporting" can be found in the accompanying notes to consolidated financial statements.

Basis of Presentation

The consolidated financial statements are prepared in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"). The accounting policies used to prepare these financial statements are the same as those used to prepare the consolidated financial statements in prior years, except as described in these notes or for the adoption of new standards as outlined below.

Principles of Consolidation

The accompanying consolidated financial statements include the accounts of Photronics, Inc., its wholly owned subsidiaries, in which Photronics is considered the primary beneficiary, and the majority-owned subsidiaries which it controls.

All intercompany balances and transactions have been eliminated in consolidation.

Noncontrolling interests in subsidiaries related to Photronics ownership interests of less than 100% are reported as Noncontrolling interests in the consolidated balance sheets. The results of noncontrolling ownership interests held by Photronics, net of tax, are reported as Net (income) attributable to noncontrolling interests in the consolidated statements of income.

Estimates and Assumptions

The preparation of financial statements in conformity with U.S. GAAP requires Photronics to make estimates and assumptions that affect amounts reported in them. The Company's estimates are based on historical experience and on various assumptions that are believed to be reasonable, based on the facts and circumstances available at the time they are made. Subsequent actual results may differ from such estimates. The Company reviews these estimates periodically and reflect any effects of revisions in the period in which they are determined.

Translation of Foreign Currency Financial Statements

Photronics reporting currency is the U.S. dollar. The functional currency of the majority of Photronics foreign subsidiaries is their local currency. As such, amounts included in the consolidated statements of income, comprehensive income, cash flows, and changes in equity are translated using average exchange rates during each period. Assets and liabilities are translated at period-end exchange rates and resulting foreign currency translation adjustments are recorded in the consolidated balance sheets as a component of Accumulated other comprehensive loss.

Foreign Currency Transactions

Monetary assets and liabilities denominated in currencies other than the functional currency are remeasured into their respective functional currencies at exchange rates in effect at the balance sheet date. The resulting exchange gain or loss is included in Photronics' consolidated statements of income as Foreign currency transactions impacts, net.

Cash and Cash Equivalents

Cash and cash equivalents include cash and highly liquid investments with an original maturity of three months or less, readily convertible to known amounts of cash, and so near to their maturity that they present insignificant risk of changes in value because of changes in interest rates. Restricted cash is included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the consolidated statements of cash flows. The carrying values of cash equivalents approximate their fair values, due to the short-term maturities of these instruments.

Restricted Cash

Restricted cash in the amounts of $2.8 million and $2.6 million are included in Other assets on the Company's October 31, 2024 and October 31, 2023, consolidated balance sheets, respectively. The restrictions on these amounts are primarily related to land lease agreements and customs requirements.

Investments

The Company invests in various bank time deposits, money markets and U.S. Government Securities. The Company's classification of investments is as follows:

-	Maturing within three months or less from the date of purchase	Cash and cash equivalents
-	Maturing, as of the date of purchase, more than three months, but with remaining maturities of less than one year, from the balance sheet date	Short-term investments
-	Maturing one year or more from the balance sheet date	Long-term marketable investments

As of October 31, 2024 and 2023, all of the Company's investments from their dates of purchase had remaining maturities of more than three months, but less than one year, and have been classified as short-term investments.

Based upon the Company's intent and ability to hold its time deposits to maturity (which maturities range up to twelve months at purchase), such securities have been classified as held-to-maturity and are carried at amortized cost, which approximates market value. Money markets are classified as cash and cash equivalents. The Company's U.S. Government Securities are classified as available-for-sale. Available-for-sale investments are reported at fair value, with unrealized gains or losses (net of tax) reported in Accumulated other comprehensive income (loss). In the event of a sale of these securities, the Company would determine the cost of the investment sold at the specific individual security level and would include any gain or loss in *Interest income and other income, net*, where the Company also reports periodic interest earned and the amortization (accretion) of discounts (premiums) related to these investments.

The table below provides information on the Company's available-for-sale debt securities and time deposits classified as short-term investments.

	October 31, 2024				October 31, 2023			
	Amortized Cost	Unrealized Gains	Unrealized Losses	Carrying Value	Amortized Cost	Unrealized Gains	Unrealized Losses	Carrying Value
U.S. Government Securities[1]	$ -	$ -	$ -	$ -	$ 12,913	$ 4	$ (2)	$ 12,915
Time deposits	42,184	-	-	42,184	-	-	-	-
Total	$ 42,184	$ -	$ -	$ 42,184	$ 12,913	$ 4	$ (2)	$ 12,915

(1) Matured during 2024

The Company's investments in marketable securities consist primarily of investments in time deposits and U.S. Government Securities. Market values were determined for each individual security in the investment portfolio. When evaluating the investments for other-than-temporary impairment, the Company reviews factors such as length of time and extent to which fair value has been below cost basis, the financial condition of the issuer, and the Company's ability and intent to hold the investment for a period of time, which may be sufficient for anticipated recovery in market values.

Accounts Receivable, Unbilled Receivables and Allowance for Credit Losses

We generally record the Company's accounts receivable at their billed amounts. The Company recognizes unbilled receivables when the Company has satisfied its performance obligations, has an unconditional right to consideration, but has not yet issued an invoice. All outstanding past due customer invoices are reviewed for collectability during, and at the end of, every reporting period. To the

extent that the Company believes a loss on the collection of a customer invoice is probable, the Company records the loss and credits an allowance for credit losses. In the event that an amount is determined to be uncollectible, the Company charges the allowance for credit losses and derecognizes the related receivable. Refer to the Company's revenue recognition policy, below, for additional information on the Company's accounting for accounts receivable.

Inventories

Inventories are stated at the lower of cost, determined under the first-in, first-out ("FIFO") method, or net realizable value. Please refer to Note 4 for additional information on the Company's inventories. Inventory reserves are established when conditions indicate that the net realizable value is less than costs due to assigned expiration dates or other causes based on individual facts and circumstances. If net realizable value is less than cost at the balance sheet date, the carrying amount is reduced to the realizable value, and the difference is recognized as a loss on valuation of inventories within cost of sales.

Property, Plant and Equipment, Net

Property, plant and equipment, except as explained below under "Impairment of Long-Lived Assets," is stated at cost less accumulated depreciation and amortization. Repairs and maintenance, as well as renewals and replacements of a routine nature, are charged to operations as incurred, while those that improve or extend the lives of existing assets are capitalized. Upon sale or other disposition, the cost of the asset and its related accumulated depreciation are removed from the accounts, and any resulting gain or loss is reflected in earnings.

Depreciation and amortization, essentially all of which are included in *Cost of goods sold* in the Company's consolidated statements of income, are computed using the straight-line method over the estimated useful lives of the related assets. Buildings and improvements are depreciated over 10 to 39 years, machinery and equipment over 5 to 15 years, and furniture, fixtures, and office equipment over 3 to 5 years. Leasehold improvements are amortized over the lesser of the life of the lease or the estimated useful life of the improvement. The Company employs judgment when making assumptions about the estimated useful lives and depreciation periods the Company assigns to property, plant and equipment, and when events or changes in circumstances such as a significant industry downturn, plant closures, technological obsolescence, or other occurrences indicate that their carrying amounts may not be recoverable.

Impairment of Long-Lived Assets

Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. Determinations of recoverability are based upon the Company's judgment and estimates of undiscounted future cash flows resulting from the use of the assets and their eventual disposition. Measurement of an impairment loss for long-lived assets that the Company expects to hold and use is based on the fair value of the assets, determined using a market or income approach, compared with the carrying value of the asset. The carrying values of assets determined to be impaired would be reduced to their estimated fair values.

Property, plant and equipment and other long-lived assets to be sold or otherwise disposed of are reported at the lower of carrying amount or fair value less cost to sell.

Treasury Stock

The Company records treasury stock purchases under the cost method, recording the entire cost of the acquired stock as treasury stock. Gains and losses on subsequent reissuances would be credited or charged to additional paid-in capital, and the Company would employ the average cost method (with average cost being determined separately for each share repurchase program), in the event that the Company subsequently reissues shares. When the Company retires the Company's treasury stock, any excess of the repurchase price paid over par value is allocated between additional paid-in capital and retained earnings.

Revenue Recognition

The Company recognizes revenue when, or as, control of a good or service transfers to a customer, in an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring those goods or services. The Company accounts for an arrangement as a revenue contract when each party has approved and is committed to perform under the contract, the rights of the contracting parties regarding the goods or services to be transferred and the payment terms are identifiable, the arrangement has commercial substance, and collection of consideration is probable. Substantially all of the Company's revenue comes from the sales of photomasks. The Company typically contracts with the Company's customers to sell sets of photomasks, which are comprised of multiple layers, the predominance of which the Company invoices as they ship to customers. As the photomasks are manufactured to customer specifications, they have no alternative use to the Company and, as the Company's contracts generally provide the Company with the right to payment for work completed to date, the Company recognizes revenue as the Company performs, or "over time," on most of the Company's contracts. The Company measures the Company's performance to date using an input method, which is based on the Company's estimated costs to complete the various manufacturing phases of a photomask. At the end of a reporting period, there are a number of uncompleted revenue contracts on which the Company has performed; for any such contracts under which the Company is entitled to be compensated for the Company's costs incurred plus a reasonable profit, the Company recognizes revenue and a corresponding contract asset for such performance. The Company accounts for shipping and handling activities that the Company performs after a customer obtains control of a good as being activities to fulfill the Company's promise to transfer the good to the customer, rather than as promised services, or performance obligations, under the contract. The Company reports the Company's revenue net of any sales or similar taxes the Company collects on behalf of governmental entities.

As stated above, photomasks are manufactured to customer specifications in accordance with their proprietary designs; thus, they are individually unique. Due to their uniqueness and other factors, their transaction prices are individually established through negotiations with customers; consequently, the Company's photomasks do not have standard or "list" prices. The transaction prices of the vast majority of the Company's revenue contracts include only fixed amounts of consideration. In certain instances, such as when the Company offers a customer an early payment discount, an estimate of variable consideration would be included in the transaction price, but only to the extent that a significant reversal of revenue would not occur when the uncertainty related to the variability was resolved.

Contract Assets and Contract Liabilities

The Company recognizes a contract asset when the Company's performance under a contract precedes the Company's receipt of consideration from a customer, or before payment is due, and the Company's receipt of consideration is conditional upon factors other than the passage of time. Contract assets reflect the Company's transfer of control to customers of photomasks that are in process or completed but not yet shipped to customers. A receivable is recognized when the Company has an unconditional right to payment for the Company's performance, which generally occurs when the Company ships the photomasks. The Company's contract assets primarily consist of a significant amount of the Company's in-process production orders and fully manufactured photomasks which have not yet shipped, for which the Company has an enforceable right to collect consideration (including a reasonable profit) in the event the in-process orders are cancelled by customers. On an individual contract basis, the Company nets contract assets with contract liabilities (deferred revenue) for financial reporting purposes. The Company's net credit losses on the accounts receivable during 2024 were insignificant. The Company did not impair any contract assets or accounts receivable in 2024 or 2023.

Contract Costs

The Company pays commissions to third-party sales agents for certain sales that they procure on the Company's behalf. However, the bases of the commissions are the transaction prices of the sales, which are completed in less than one year; thus, no relationship is established with a customer that will result in future business. Therefore, the Company would not recognize any portion of these sales commissions as costs of obtaining a contract, nor does the Company currently foresee other circumstances under which the Company would recognize such assets.

Remaining Performance Obligations

As the Company is typically required to fulfill customer orders within a short time period, the Company's backlog of orders is generally not in excess of one to two weeks for IC photomasks and two to three weeks for FPD photomasks. However, the demand for some IC photomasks can extend beyond the traditional time period; thus the backlog, in some individual cases, can extend to as long as two to three months. More recently however, backlogs for most high demand products have returned to historical levels of less than a month. As allowed under ASC 606 – *Revenue Contracts with Customers*, the Company has elected not to disclose the Company's remaining performance obligations, which represent the costs associated with the completion of the manufacturing process of in-process photomasks related to contracts that have an original duration of one year or less.

Product Warranties

The Company's photomasks are sold under warranties that generally range from one to twenty-four months. The Company warrants that the Company's photomasks conform to customer specifications, and the Company will typically repair, replace, or issue a refund for any photomasks that fail to do so. The warranties do not represent separate performance obligations in the Company's revenue contracts. Historically, customer claims under warranties have been immaterial.

Leases

The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement and evaluates at that time whether the lease is an operating lease or a finance lease. The Company recognizes right-of-use assets and lease liabilities for operating and finance leases with terms greater than 12 months. Please refer to Note 11 – *Leases* for additional information.

The Company's involvement in lease arrangements has typically been as a lessee. The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement. An arrangement is determined to be a lease when it conveys to the Company the right to control the use of an identified asset for a period of time in exchange for consideration. The Company's having the right to control an identified asset is determined by whether the Company is entitled to substantially all of its economic benefits and can direct its use. The Company recognizes leases on the Company's consolidated balance sheet when a lessor makes an asset underlying a lease having a term in excess of twelve months available for the Company's use. As allowed under ASC Topic 842 – "*Leases*" ("Topic 842"), the Company has elected 1) not to apply the recognition requirements to leases that, at their commencement dates, have lease terms of twelve months or less and do not include options to purchase their underlying assets that the Company is reasonably certain to exercise and 2) for all classes of assets, the practical expedient to not separate lease components of a contract from non-lease components of a contract.

If an arrangement is determined to be, or includes a lease, the Company then applies the classification criteria in ASC 842 - *Leases* to determine whether the lease is a finance lease or an operating lease. For both types of leases, at their commencement dates (which are the dates on which a lessor makes an underlying asset available for the Company's use), the Company recognizes Right-of-Use ("ROU") assets, which represent the Company's rights to use the underlying assets, and lease liabilities which represent the Company's obligation to make payments for such rights. The present value of lease payments over the term of the lease provides the basis for the initial measurement of ROU assets and their related lease liabilities. Variable lease payments, other than those that are dependent on an index or on a rate (at which they are measured on their commencement dates), are not included in the measurement of ROU assets and their related lease liabilities. Lease terms include extension periods if the lease agreement includes an option to extend the lease that the Company is reasonably certain to exercise.

The initial measurement process for finance leases and operating leases is the same, except that, for operating leases, the Company generally applies the Company's incremental borrowing rates for collateralized borrowings over terms similar to those of the leases to determine the lease liability while, for finance leases, the Company uses the interest rates implicit in the leases. The initial measurement of ROU assets may require further adjustments for lease prepayments and initial direct costs the Company incurs.

Operating leases are expensed on a straight-line basis over the terms of the leases, and are included in the consolidated statement of income in *Cost of goods sold, Selling, general and administrative*, or *Research and development* expense in accordance with the use of the underlying asset. Finance lease ROU assets are amortized over the estimated useful life of the underlying asset; the expenses are included in the consolidated statement of income in *Cost of goods sold*. Finance lease liabilities are subsequently remeasured by increasing the liability to reflect interest accrued during a period and decreasing the liability to reflect payments made during the period. Interest expense incurred on finance leases is included in *Interest expense* on the consolidated statements of income.

Cash paid for operating leases and interest paid for finance leases are included in the consolidated statement of cash flows as operating activities in *Accounts payable, accrued liabilities and other*; cash paid for finance lease principal is included in *Repayments of debt* in the financing activities section of the consolidated statement of cash flows.

Share-Based Compensation

We recognize share-based compensation expense on a straight-line basis over the requisite service period during which the awards are expected to vest. Share-based compensation expense includes the estimated effects of forfeitures, which are adjusted over the requisite service period to the extent actual forfeitures differ, or are expected to differ, from such estimates. Changes in estimated forfeitures are recognized in the period of change and will impact the amount of expense to be recognized in future periods. Determining the appropriate option pricing model, calculating the grant date fair value of share-based awards, and estimating forfeiture rates requires considerable judgment, including estimations of stock price volatility and the expected term of options granted.

We use the Black-Scholes option pricing model to value employee stock options. The Company estimates stock price volatility based on daily averages of the Company's common stock's historical volatility over a term approximately equal to the estimated time period the grant will remain outstanding. The expected term of options and forfeiture rate assumptions are derived from historical data.

Research and Development

Research and development costs are expensed as incurred and consist primarily of development efforts related to high-end process technologies for advanced subwavelength reticle solutions for IC and

FPD photomask technologies. Research and development expenses were $16.6 million, $13.7 million, and $18.3 million for the years ended October 31, 2024, 2023 and 2022, respectively.

Government Grants

The Company receives or expects to receive in the future, various types of government assistance, primarily in the form of grants or refundable tax credits. Government assistance is recognized when there is reasonable assurance that: (1) the Company will comply with the relevant conditions and (2) the assistance will be received. Government assistance related to reimbursing fixed asset purchases, such as reimbursement grants and refundable federal investment tax credits, are recorded as a reduction to the related asset(s), which then reduces depreciation expense over the expected useful life of the asset on a straight-line basis. If some, or all, of the amount of government assistance becomes repayable (e.g. due to non-fulfillment of the grant conditions) or there is no longer reasonable assurance the amount will be received (e.g. due to additional interpretive guidance) then the adjustment is accounted for prospectively as a change in accounting estimate. The effect of the change in estimate is recognized in the period in which management concludes that it is no longer reasonably assured that all of the grant conditions will be met. A corresponding financial liability is recognized for the amount of the repayment, if any.

The Company accounts for funds the Company receives from government grants by either reducing the costs of the assets (if the grant relates to capital expenditures) or expenses which could be *Cost of goods sold, Selling, general and administrative, or Research and development expenses* in the consolidated statements of income. If the funds the Company receives cannot be attributed to specific assets or expenses, they would be recognized as other income, and included in *Interest income and other income, net* in the consolidated statements of income. Funds the Company receive from government grants are classified in the Company's consolidated statements of cash flows as either *Net cash provided by operating activities* or *Net cash provided by investing activities*, in accordance with how the Company expends the funds. When a grant is received before conditions of the grant have been met, the grant is recorded in *Accrued liabilities* or *Other liabilities* in the Consolidated Balance Sheets. For the years ended October 31, 2024, October 31, 2023, and October 31, 2022, grants recorded in the Company's Consolidated Financial Statements were not material.

The Company expects to receive refundable federal investment tax credits through the CHIPS Act in connection with ongoing expansion projects. As of October 31, 2024, the Company has reduced property, plant and equipment, net by $5.0 million as a result of expected refundable tax credits in connection with the CHIPS Act. The Company has also applied for direct capital grants through the CHIPS Act in connection with proposed projects.

Income Taxes

The income tax provision is computed on the basis of the income or loss before income taxes for each entity in its respective tax jurisdiction. Deferred income taxes reflect the tax effects of differences between the carrying amounts of assets and liabilities for financial reporting purposes and their amounts used for income tax purposes, as well as the tax effects of net operating losses and tax credit carryforwards. We employ judgment and make assumptions when establishing valuation allowances for deferred income tax assets, if their realization is not deemed to be more likely than not, by considering future market growth, operating forecasts, future taxable income, and the mix of earnings among the tax jurisdictions in which we operate. Accordingly, income taxes charged against earnings may have been impacted by changes in the valuation allowances. We are eligible for investment tax credits in U.S. and non-U.S. tax jurisdictions. We account for investment tax credits under the "flow-through" method of accounting. As permitted in ASC 740 "Income Taxes", under the flow-through method of accounting, the tax benefit from an investment tax credit is recorded as a reduction of income taxes in the period in which the credit is generated.

We consider income taxes in each of the tax jurisdictions in which we operate in order to determine our effective income tax rate. Our current income tax expense is thus identified, and temporary differences resulting from differing treatments of items for tax and financial reporting purposes are assessed. These differences result in deferred tax assets, which are presented on our consolidated balance sheets, and deferred tax liabilities, which are included in *Other liabilities* on our consolidated balance sheets.

We account for uncertain tax positions by recording a liability for unrecognized tax benefits resulting from uncertain tax positions taken, or expected to be taken, in our tax returns. We include any applicable interest and penalties related to uncertain tax positions in the liability and in our income tax provision.

Earnings Per Share

Basic earnings per share ("EPS") attributed to Photronics shareholders for both basic and diluted is computed independently for each period presented and is based on the weighted-average number of common shares outstanding for the period, excluding any dilutive common share equivalents. Diluted EPS reflects the potential dilution that could occur if certain share-based payment awards were exercised or earned.

Variable Interest Entities

We account for the investments the Company makes in certain legal entities in which equity investors do not have: 1) sufficient equity at risk for the legal entity to finance its activities without additional subordinated financial support or, 2) as a group, the holders of the equity investment at risk do not have either the power, through voting or similar rights, to direct the activities of the legal entity that most significantly impact the entity's economic performance or, 3) the obligation to absorb the expected losses of the legal entity or the right to receive expected residual returns of the legal entity as "variable interest entities", or "VIEs".

We consolidate the results of any such entity in which the Company has determined that the Company has a controlling financial interest. The Company would have a "controlling financial interest" (and thus be considered the "primary beneficiary" of the entity) in such an entity when the Company has both the power to direct the activities that most significantly affect the VIE's economic performance and the obligation to absorb the losses of, or right to receive the benefits from, the VIE that could be potentially significant to the VIE. On a quarterly basis, the Company reassesses whether the Company has a controlling financial interest in any investments the Company has in these entities.

We would account for investments the Company makes in VIEs in which the Company has determined that the Company does not have a controlling financial interest but have a significant influence over, and hold at least a twenty percent ownership interest in, using the equity method. An investment not meeting the parameters to be accounted for under the equity method would be accounted for using the cost method, unless the investment had a readily determinable fair value, at which value it would then be reported.

Recent Accounting Pronouncements

In December 2023, the FASB issued ASU 2023-09, "Income Taxes (Topic 740): Improvements to Income Tax Disclosures", to enhance the transparency and decision usefulness of income tax disclosures. The amendments in this Update related to the rate reconciliation and income taxes paid disclosures to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. The amendments allow investors to better assess, in their capital allocation decisions, how an entity's worldwide operations and related tax risks and tax planning and operational opportunities affect its income tax rate and prospects for future cash flows. The guidance in this Update will be effective for Photronics in its fiscal year 2026 Form 10-K, with early application of the amendments allowed. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.

In November 2023, the FASB issued ASU 2023-07, "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures", which improves reportable segment disclosure requirements, primarily through enhanced disclosures about significant segment expenses. The guidance in this Update is effective for Photronics in its fiscal year 2025 Form 10-K, with early adoption permitted. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.

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ACCOUNTS RECEIVABLE

12 Months Ended
Oct. 31, 2024

ACCOUNTS RECEIVABLE [Abstract]

ACCOUNTS RECEIVABLE

NOTE 2 – ACCOUNTS RECEIVABLE

The components of *Accounts Receivable* at the balance sheet dates are presented below.

	October 31, 2024	October 31, 2023
Accounts Receivable	$ 172,741	$ 171,433
Unbilled Receivable	29,215	24,593
Allowance for Credit Losses	(1,126)	(1,099)
	$ 200,830	$ 194,927

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OTHER CURRENT ASSETS

12 Months Ended
Oct. 31, 2024

OTHER CURRENT ASSETS [Abstract]

OTHER CURRENT ASSETS

NOTE 3 - OTHER CURRENT ASSETS

Presented below are the components of *Other current assets* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Contract assets	$ 11,532	$ 10,984
Prepaid expenses	5,770	10,031
Recoverable value added taxes	2,684	2,312
Prepaid and refundable income taxes	1,875	2,489
Other [1]	11,175	2,537
	$ 33,036	$ 28,353

[1] The Company expects to receive refundable federal investment tax credits of $5 million through CHIPS Act in connection with the Company's ongoing expansion projects.

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INVENTORIES

12 Months Ended
Oct. 31, 2024

INVENTORIES [Abstract]

INVENTORIES

NOTE 4 - INVENTORIES

The components of *Inventories* at the balance sheet dates are presented below.

	October 31, 2024	October 31, 2023
Raw materials	$ 56,128	$ 48,948
Work in process	398	1,010
Finished goods	1	5
	$ 56,527	$ 49,963

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PROPERTY, PLANT AND EQUIPMENT, NET

12 Months Ended
Oct. 31, 2024

PROPERTY, PLANT, AND EQUIPMENT, NET [Abstract]

PROPERTY, PLANT AND EQUIPMENT, NET

NOTE 5 - PROPERTY, PLANT AND EQUIPMENT, NET

Presented below are the components of *Property, plant and equipment, net* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Land	$ 11,419	$ 11,378
Buildings and improvements	188,756	185,850
Machinery and equipment	1,990,610	1,922,041
Leasehold improvements	19,268	18,894
Furniture, fixtures, and office equipment	18,091	15,856
Construction in progress	91,213	55,434
	2,319,357	2,209,453
Accumulated depreciation and amortization	(1,574,100)	(1,500,209)
	$ 745,257	$ 709,244

Information on ROU assets resulting from finance leases, at the balance sheet dates, is presented below.

	October 31, 2024	October 31, 2023
Machinery and equipment	$ 42,815	$ 42,820
Accumulated amortization	(10,522)	(7,655)
	$ 32,293	$ 35,165

The following table presents depreciation expense (including the amortization of ROU assets) related to property, plant and equipment incurred during the reporting periods.

	Years Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Depreciation and amortization expense	$ 82,433	$ 80,472	$ 79,971

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PDMCX JOINT VENTURE

12 Months Ended
Oct. 31, 2024

PDMCX JOINT VENTURE [Abstract]

PDMCX JOINT VENTURE

NOTE 6 - PDMCX JOINT VENTURE

In January 2018, Photronics, Inc., through its wholly owned Photronics Singapore PTE. LTD. subsidiary (hereinafter, within this Note "we", "Photronics", "us", or "our"), and DNP, through its wholly owned subsidiary "DNP Asia Pacific PTE, Ltd.", entered into a joint venture under which DNP obtained a 49.99% interest in the Company's IC business in Xiamen, China. The joint venture, which the Company refers to as "PDMCX", was established to develop and manufacture photomasks for semiconductors. The Company entered into this joint venture to enable the Company to compete more effectively for the merchant photomask business in China, and to benefit from the additional resources and investment that DNP provides to enable the Company to offer advanced-process technology to our customers.

In 2020, in combination with local financing obtained by PDMCX, Photronics and DNP fulfilled their investment obligations under the PDMCX operating agreement ("the Agreement"). As discussed in Note 8, liens were granted to the local financing entity on property, plant, and equipment and were paid off during fiscal year 2023 and there was no remaining debt at October 31, 2023.

Under the Agreement, should either Photronics' or DNP's ownership interest fall below 20.0% for a period of more than six consecutive months, such party (an "exiting party") has the option to sell to the other party, and the other party has the option to purchase from such exiting party, the exiting party's remaining ownership interest. In either case, the sales of ownership interests would be at the exiting party's ownership percentage of the joint venture's net book value, with closing to take place within three business days of obtaining required approvals and clearance.

The following table presents net income the Company recorded from the operations of PDMCX during the reporting periods.

	Years Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Net income from PDMCX	$ 20,074	$ 25,098	$ 16,714

As required by the guidance in ASC Topic 810 - "*Consolidation*", the Company evaluated the Company's involvement in PDMCX for the purpose of determining whether the Company should consolidate its results in the Company's financial statements. The initial step of the Company's evaluation was to determine whether PDMCX was a VIE. Due to its lack of sufficient equity at risk to finance its activities without additional subordinated financial support, the Company determined that it is a VIE. Having made this determination, the Company then assessed whether the Company was the primary beneficiary of the VIE, and concluded that the Company was the primary beneficiary during the current and prior years reporting periods; thus, as required, the PDMCX financial results have been consolidated with Photronics. The Company's conclusion was based on the fact that the Company held a controlling financial interest in PDMCX (which resulted from the Company's having the power to direct the activities that most significantly impacted its economic performance) and had both the obligation to absorb losses and the right to receive benefits that could potentially be significant to PDMCX. The Company's conclusion that the Company had the power to direct the activities that most significantly affected the economic performance of PDMCX during the current and prior year periods were based on the Company's right to appoint the majority of its Board of Directors, which has, among others, the powers to manage the business (through its rights to appoint and evaluate PDMCX's management), incur indebtedness, enter into agreements and commitments, and acquire and dispose of PDMCX's assets. In addition, as a result of the 50.01% variable interest the Company held during the current and prior year periods, the Company had the obligation to absorb losses, and the right to receive benefits, that could potentially be significant to PDMCX.

The following table presents the carrying amounts of PDMCX assets and liabilities included in the Company's consolidated balance sheets. General creditors of PDMCX do not have recourse to the assets of Photronics (other than the net assets of PDMCX); therefore, the Company's maximum exposure to loss from PDMCX is the Company's interest in the carrying amount of the net assets of the joint venture.

	October 31, 2024		October 31, 2023	
Classification	**Carrying Amount**	**Photronics Interest**	**Carrying Amount**	**Photronics Interest**
Current assets	$ 174,059	$ 87,047	$ 135,960	$ 67,994
Noncurrent assets	151,039	75,535	136,334	68,181
Total assets	325,098	162,582	272,294	136,175
Current liabilities	40,691	20,350	36,305	18,156
Noncurrent liabilities	3,320	1,660	1,873	937
Total liabilities	44,011	22,010	38,178	19,093
Net assets	$ 281,087	$ 140,572	$ 234,116	$ 117,082

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ACCRUED LIABILITIES

12 Months Ended
Oct. 31, 2024

ACCRUED LIABILITIES [Abstract]

ACCRUED LIABILITIES

NOTE 7 - ACCRUED LIABILITIES

Presented below are the components of *Accrued liabilities* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Compensation related expenses	$ 31,188	$ 37,218
Income taxes	24,200	24,080
Contract liabilities	12,375	9,965
Value added and other taxes	2,837	3,523
Property, plant, and equipment	2,670	6,624
Operating leases	1,925	1,912
Telecommunications and utilities	1,040	1,311
Service Contracts	1,448	2,613
Other	9,439	7,332
Accrued liabilities	$ 87,122	$ 94,578

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DEBT

12 Months Ended
Oct. 31, 2024

DEBT [Abstract]

DEBT

NOTE 8 - DEBT

As of October 31, 2024, the Current portion of long-term debt and the Long-term debt balances were comprised of finance leases as described below:

As of October 31, 2024	Finance Leases
Principal due:	
Next 12 months	$ 17,972
Months 13 – 24	$ 12
Months 25 – 36	12
Months 37 – 48	1
Months 49 – 60	-
Long-term debt	25
Total debt	$ 17,997

Interest rate at balance sheet date	N/A
Basis spread on interest rates	N/A
Interest rate reset	N/A
Maturity date	N/A
Periodic payment amount	Varies as Lease matures
Periodic payment frequency	Monthly
Loan collateral (carrying amount)	$ 32,293[1]

[1] Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests.

The table below provides information on the Company's long-term debt as of October 31, 2023.

As of October 31, 2023	Finance Leases
Principal due:	
Next 12 months	$ 6,621
Months 13 – 24	$ 17,972
Months 25 – 36	12
Months 37 – 48	13
Months 49 – 60	1
Long-term debt	17,998
Total debt	$ 24,619

Interest rate at balance sheet date	N/A
Basis spread on interest rates	N/A
Interest rate reset	N/A
Maturity date	N/A
Periodic payment amount	Varies as Lease matures
Periodic payment frequency	Monthly
Loan collateral (carrying amount)	$ 35,165[1]

[1] Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests.

Finance Leases

In February 2021, the Company entered into a five-year $7.2 million finance lease for a high-end inspection tool. Monthly payments on the lease, which commenced in February 2021, are $0.1 million per month. Upon the payment of the fiftieth monthly payment and prior to payment of the fifty-first monthly payment, the Company may exercise an early buyout option to purchase the tool for $2.4 million. After the original term or any renewal periods, the Company may return the tool, elect to extend the lease, or purchase the tool at its fair market value. Management has determined that the Company will exercise its early buyout option during the first half of 2025.

In December 2020, the Company entered into a five-year $35.5 million finance lease for a high-end lithography tool. Monthly payments on the lease, which commenced in January 2021, increased from $0.04 million during the first three months to $0.6 million for the following nine months, followed by forty-eight monthly payments of $0.5 million. As of the due date of the forty-eighth monthly payment, the Company may exercise an early buyout option to purchase the tool for $14.1 million. At the Company's option, after the original term, the Company may return the tool, elect to extend the lease term for a period and a lease payment to be agreed with lessor at the time, or purchase the tool for its then-fair market value, as determined by the lessor. The lease agreement incorporates the covenants included in the Company's Credit Agreement, as defined below (expired in September 2023), which are detailed below, and includes a cross-default provision for any agreement or instrument with an outstanding, committed balance greater than $5.0 million in which the Company is the indebted party. Management has determined that the Company will exercise its early buyout option during the first half of 2025.

Xiamen Project Loans

In November 2018, PDMCX obtained approval to borrow RMB 345.0 million from the Industrial and Commercial Bank of China. From November 2018 through July 2020, PDMCX entered into separate loan agreements (the "Project Loans") for the entire approved amount. In February 2023, PDMCX repaid the entire outstanding balance of RMB 26.4 million ($3.9 million). As of October 31, 2024, PDMCX had no amount outstanding and the amounts may not be re-borrowed. The Project Loans were used to finance certain capital expenditures at the PDMCX facility and were collateralized by liens granted on the land use right, building, and certain equipment located at the facility. The interest rates on the Project Loans were variable (based on the RMB Loan Prime Rate of the National Interbank Funding Center), and interest incurred on the loans was eligible for reimbursement through incentives provided by the Xiamen Torch Hi-Tech Industrial Development Zone, which provided for such reimbursements up to a prescribed limit and duration. The Project Loans were subject to covenants and provisions, certain of which related to the assets pledged as security for the loans, all of which the Company were in compliance with at the time of repayment.

Xiamen Working Capital Loans

In November 2018, PDMCX obtained approval for revolving, unsecured credit of RMB 200 million ($25 million), pursuant to which PDMCX may enter into separate loan agreements with varying terms to maturity. In December 2022, the Company repaid the Company's entire outstanding balance of RMB 25.6 million ($3.6 million). The interest rates are variable, based on the RMB Loan Prime Rate of the National Interbank Funding Center. Interest incurred on the loans related to the amount borrowed was eligible for reimbursement through incentives provided by the Xiamen Torch Hi-Tech Industrial Development Zone, which provided for such reimbursements up to a prescribed limit and duration. This facility is subject to annual reviews and extensions. In August 2024, the Company was issued an extension to the revolving, unsecured credit agreement for RMB 200 million (approximately $28.1 million) with an expiration date of July 31, 2025. As of October 31, 2024, PDMCX had no outstanding borrowings against the approval.

Corporate Credit Agreement

In September 2018, the Company entered into a five-year amended and restated credit agreement (the "Credit Agreement"), which had a $50 million borrowing limit, with an expansion capacity to $100 million. The Credit Agreement was secured by substantially all of the Company's assets located in the United States and common stock the Company owns in certain subsidiaries. The Credit Agreement was subject to covenants around minimum interest coverage ratio, total leverage ratio, and minimum unrestricted cash balance (all of which the Company were in compliance with at the termination of the agreement in September 2023), and limited the amount of cash dividends, distributions, and redemptions the Company could pay on the Company's common stock to an aggregate annual amount of $50 million. The Credit Agreement expired and was not renewed as of October 31, 2023. There were no outstanding borrowings against the Credit Agreement at its expiration.

Interest Paid for Debt

Interest payments were $0.3 million in 2024, $0.5 million in 2023, and $2.8 million in 2022. The weighted-average interest rate on the Company's current portion of long-term debt for the periods ended October 31, 2024 and October 31, 2023 was 1.5% and 1.5%, respectively.

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OTHER LIABILITIES

12 Months Ended
Oct. 31, 2024

OTHER LIABILITIES [Abstract]

OTHER LIABILITIES

NOTE 9 - OTHER LIABILITIES

Presented below are the components of *Other liabilities* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Unrecognized tax benefit	$ 14,720	$ 8,908
Post employment benefit	12,993	11,994
Contract liabilities	8,910	12,454
Tax payable	4,310	6,622
Operating lease	3,037	4,218
Other	3,494	3,195
Other liabilities	$ 47,464	$ 47,391

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REVENUE

12 Months Ended
Oct. 31, 2024

REVENUE [Abstract]

REVENUE

NOTE 10 - REVENUE

The following tables present the Company's revenue for the years ended October 31, 2024, October 31, 2023, and October 31, 2022, disaggregated by product type, geographic origin, and timing of recognition.

	Year Ended		
Revenue by Product Type	**October 31, 2024**	**October 31, 2023**	**October 31, 2022**
IC			
High-end	$ 228,469	$ 194,939	$ 195,332
Mainstream	409,682	456,340	397,694
Total IC	$ 638,151	$ 651,279	$ 593,026
FPD			
High-end	$ 195,365	$ 200,842	$ 186,988
Mainstream	33,430	39,955	44,535
Total FPD	$ 228,795	$ 240,797	$ 231,523
	$ 866,946	$ 892,076	$ 824,549

	Year Ended		
Revenue by Geographic Origin*	**October 31, 2024**	**October 31, 2023**	**October 31, 2022**
Taiwan	$ 288,275	$ 316,889	$ 291,342
China	232,941	245,378	212,598
Korea	158,017	162,235	156,139

United States	146,652	128,879	126,205
Europe	39,244	36,579	36,402
Other	1,817	2,116	1,863
	$ 866,946	$ 892,076	$ 824,549

* This table disaggregates revenue by the location in which it was earned.

	Year Ended		
Revenue by Timing of Recognition	**October 31, 2024**	**October 31, 2023**	**October 31, 2022**
Over time	$ 831,500	$ 838,628	$ 758,359
At a point in time	35,446	53,448	66,190
	$ 866,946	$ 892,076	$ 824,549

Contract Assets and Contract Liabilities

The following table provides information about the Company's contract balances at the balance sheet dates.

Classification	**October 31, 2024**	**October 31, 2023**
Contract Assets		
Other current assets	$ 11,532	$ 10,984
Contract Liabilities		
Accrued liabilities	$ 12,375	$ 9,965
Other liabilities	8,910	12,454
	$ 21,285	$ 22,419

The following table presents revenue recognized from contract liabilities that existed at the beginning of the reporting periods.

	October 31, 2024	**October 31, 2023**	**October 31, 2022**
Revenue recognized from beginning liability	$ 12,222	$ 13,966	$ 8,934

The Company's invoice terms generally range from net thirty to ninety days, depending on both the geographic market in which the transaction occurs and the Company's payment agreements with specific customers. In the event that the Company's evaluation of a customer's business prospects and financial condition indicate that the customer presents a collectability risk, the Company will modify terms of sale, which may require payment in advance of performance. At the time of adoption, the Company elected the practical expedient allowed under ASC Topic 606 "Revenue from Contracts with Customers" ("Topic 606") that permits the Company not to adjust a contract's promised amount of consideration to reflect a financing component when the period between when the Company transfers control of goods or services to customers and when the Company is paid is one year or less.

In instances when the Company is paid in advance of the Company's performance, the Company records a contract liability and, as allowed under the practical expedient in Topic 606, recognize interest expense only if the period between when the Company receives payment from the customer and the date when the Company expects to be entitled to the payment is greater than one year. Historically, advance payments the Company has received from customers have generally not preceded the completion of the Company's performance obligations by more than one year.

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LEASES

12 Months Ended
Oct. 31, 2024

LEASES [Abstract]

LEASES

NOTE 11 - LEASES

The following table provides information on operating and finance leases included in the Company's consolidated balance sheets.

Classification	**October 31, 2024**	**October 31, 2023**
ROU Assets – Operating Leases		
Other assets	$ 5,010	$ 6,189
ROU Assets – Finance Leases		
Property, plant and equipment, net	$ 32,293	$ 35,165
Lease Liabilities – Operating Leases		
Accrued liabilities	$ 1,925	$ 1,912
Other liabilities	3,037	4,218
	$ 4,962	$ 6,130
Lease Liabilities – Finance Leases		
Current portion of long-term debt	$ 17,972	$ 6,621
Long-term debt	25	17,998
	$ 17,997	$ 24,619

The following table presents future lease payments under noncancelable operating and finance leases as of October 31, 2024. Imputed interest represents the difference between undiscounted cash flows and discounted cash flows.

Fiscal Year	**Operating Leases**	**Finance Leases**
2025	$ 2,039	18,027
2026	1,651	13
2027	1,228	13
2028	267	1
2029 and thereafter	6	-
Total lease payments	$ 5,191	18,054
Imputed interest	(229)	(57)
Lease liabilities	$ 4,962	17,997

The following table presents lease costs for 2024, 2023, and 2022.

	Year Ended		
	October 31, 2024	**October 31, 2023**	**October 31, 2022**
Operating lease costs	$ 2,255	$ 2,278	$ 2,253
Short-term lease costs	$ 1,273	$ 462	$ 469
Variable lease costs	$ 595	$ 656	$ 603
Interest on finance lease	$ 330	$ 426	$ 522
Amortization of ROU assets	$ 2,950	$ 2,870	$ 2,917

The following table presents statistical information related to the Company's operating and finance leases. The information presented is as of the balance sheet dates.

	October 31, 2024		October 31, 2023	
Classification	**Weighted-average remaining lease term (in years)**	**Weighted-average discount rate**	**Weighted-average remaining lease term (in years)**	**Weighted-average discount rate**
Operating leases	2.8	3.2%	3.7	2.4%
Finance leases	0.2	1.5%	1.2	1.5%

The following table presents the effects of leases on the Company's 2024, 2023, and 2022 consolidated statements of cash flows, and provides leases-related non-cash information for those years.

	Year Ended		
	October 31, 2024	**October 31, 2023**	**October 31, 2022**
Operating cash flows used for operating leases	$ 2,241	$ 2,271	$ 2,259
Operating cash flows used for finance leases	$ 330	$ 429	$ 566
Financing cash flows used for finance leases	$ 6,621	$ 6,521	$ 7,289
ROU assets obtained in exchange for operating lease obligations	$ 842	$ 5,116	$ 513

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SHARE-BASED COMPENSATION

12 Months Ended
Oct. 31, 2024

SHARE-BASED COMPENSATION [Abstract]

SHARE-BASED COMPENSATION

NOTE 12 - SHARE-BASED COMPENSATION

In March 2016, shareholders approved the Company's current equity incentive compensation plan ("the Plan"), under which incentive stock options, non-qualified stock options, stock grants, stock-based awards, restricted stock, restricted stock units, stock appreciation rights, performance units, performance stock, and other stock or cash awards may be granted. Shares to be issued under the Plan may be

authorized and unissued shares, issued shares that have been reacquired by the Company (in the open market or in private transactions), or a combination thereof. The maximum number of shares of common stock approved that may be issued under the Plan was four million shares. On March 16, 2023, at its annual meeting of shareholders, the shareholders of Photronics, Inc., approved amendments to the Plan to increase the number of shares available for issuance by an additional one million shares, thereby increasing the shares available for issuance under the Plan from four million to five million. Awards may be granted to officers, employees, directors, consultants, advisors, and independent contractors of Photronics or its subsidiaries. In the event of a change in control (as defined in the Plan) or at the discretion of the compensation committee; the vesting of awards may be accelerated. The Plan, aspects of which are more fully described below, prohibits further awards from being issued under prior plans.

The table below presents information on the Company's share-based compensation expenses for the three most recent fiscal years.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Expense reported in:			
Cost of goods sold	$ 2,704	$ 1,259	$ 868
Selling, general, and administrative	10,124	5,962	4,803
Research and development	1,062	780	637
Total expense incurred	$ 13,890	$ 8,001	$ 6,308
Expense by award type:			
Restricted stock awards *	$ 13,868	$ 7,909	$ 5,800
Stock options	-	1	298
Employee stock purchase plan	22	91	210
Total expense incurred	$ 13,890	$ 8,001	$ 6,308
Income tax benefits of share-based compensation	$ 1,156	$ 715	$ 449

* During the year ended October 31, 2024, upon the departure of two executives from the Company and in accordance with the terms of their separation agreements, previously granted time-vesting restricted stock awards accelerated vesting. The Company accounted for the effects of the accelerated vesting of these stock awards as a modification, and recognized $1.2 million of incremental stock-based compensation for the acceleration of restricted stock awards, within selling, general and administrative expenses on the Consolidated Statements of Income for the year ended October 31, 2024.

Restricted Stock Awards

We periodically grant restricted stock awards, the restrictions on which typically lapse over a service period of one to four years. The fair values of the awards are determined on the date of grant, based on the closing stock price of the Company's common stock. A summary of restricted stock award activity during 2024 and the status of the Company's restricted stock awards as of October 31, 2024, is presented below.

Restricted Stock	Shares	Weighted-Average Fair Value at Grant Date
Outstanding at October 31, 2023	1,238,297	$ 16.27
Granted	865,050	29.50
Vested	(550,069)	17.74
Cancelled	(129,676)	21.90
Outstanding at October 31, 2024	1,423,602	23.23
Expected to vest as of October 31, 2024	1,292,883	23.14

The table below presents additional information on the Company's restricted stock awards for the three most recent fiscal years.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Number of shares granted	865,050	791,925	654,224
Weighted-average grant-date fair value of awards (in dollars per share)	$ 29.50	$ 16.84	$ 18.73
Compensation costs not yet recognized	$ 21,303	$ 12,760	$ 8,949
Weighted-average amortization period (in years)	2.8	2.8	2.7
Fair value of awards for which restrictions lapsed	$ 9,755	$ 6,256	$ 5,212
Shares outstanding at balance sheet date	1,423,602	1,238,297	893,704

Stock Options

Option awards generally vest in one to four years and have a ten-year contractual term. All incentive and non-qualified stock option grants must have an exercise price no less than the market value of the underlying common stock on the date of grant. The grant-date fair values of options are based on closing prices of the Company's common stock on the dates of grant and are calculated using the Black-Scholes option pricing model. Expected volatility is based on the historical volatility of the Company's common stock. The Company uses historical option exercise behavior and employee termination data to estimate expected term, which represents the period of time that options granted are expected to remain outstanding. The risk-free rate of return for the estimated term of an option is based on the U.S. Treasury yield curve in effect at the date of grant.

The table below presents a summary of stock options activity during 2024 and information on stock options outstanding at October 31, 2024.

	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Life	Aggregate Intrinsic Value
Outstanding at October 31, 2023	472,275	$ 10.18		
Granted	-	$ -		
Exercised	(191,650)	$ 9.86		
Cancellations, forfeitures, and adjustments	(3,000)	$ 10.43		
Outstanding at October 31, 2024	277,625	$ 10.39	1.94 years	$ 3,445
Exercisable at October 31, 2024	277,625	$ 10.39	1.94 years	$ 3,445
Expected to vest as of October 31, 2024	-	$ -	- years	$ -

The table below presents additional information on stock option awards for the three most recent fiscal years.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Number of options granted in period	-	-	-
Total intrinsic value of options exercised	$ 2,981	$ 1,654	$ 5,108
Cash received from option exercises	$ 1,888	$ 1,101	$ 5,275
Compensation cost not yet recognized	$ -	$ -	$ 13
Weighted-average amortization period for cost not yet recognized (in years)	-	-	0.2

Employee Stock Purchase Plan

The Company's Employee Stock Purchase Plan ("ESPP") permits employees to purchase Photronics, Inc. common shares at 85% of the lower of the closing market price at the commencement or ending date of the Plan year (which is approximately one year from the commencement date). The Company recognizes the ESPP expense over that same period. As of October 31, 2024, the maximum number of shares of common stock approved by the Company's shareholders to be purchased under the ESPP was 1.85 million shares, of which approximately 1.6 million shares had been issued through October 31, 2024. As of October 31, 2024, there is unrecognized compensation cost of $0.2 million.

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EMPLOYEE RETIREMENT PLANS

12 Months Ended
Oct. 31, 2024

EMPLOYEE RETIREMENT PLANS [Abstract]

EMPLOYEE RETIREMENT PLANS

NOTE 13 - EMPLOYEE RETIREMENT PLANS

We maintain a 401(k) Savings and Profit-Sharing Plan ("401(k) Plan") which covers all full and certain part-time U.S. employees who have completed three months of service and are 18 years of age or older. Under the terms of the 401(k) Plan, employees may contribute up to 50% of their salary, subject to certain maximum amounts, which will be matched by the Company at 100% of the employee's contributions that are up to 4% of the employee's compensation. Employee and employer contributions vest immediately upon contribution. The total employer contributions for all of the Company's defined contribution plans were $1.2 million, $0.8 million and $0.7 million in 2024, 2023, and 2022, respectively.

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INCOME TAXES

12 Months Ended
Oct. 31, 2024

INCOME TAXES [Abstract]

INCOME TAXES

NOTE 14 - INCOME TAXES

On December 15, 2022, the European Union (EU) Member States formally adopted the EU's Pillar Two Directive, which generally provides for a minimum effective tax rate of 15%, as established by the Organization for Economic Co-operation and Development (OECD) Pillar Two Framework. The EU effective dates are January 1, 2024, and January 1, 2025, for different aspects of the directive. A significant number of other countries are expected to also implement similar legislation with varying effective dates. The Company is currently not subject to Pillar Two but is continuously evaluating the potential impact of the Pillar Two Framework to ensure we are compliant in the future.

Income before the income tax provisions consists of the following:

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022

United States	$ 20,145	$ (1,737)	$ 1,813
Foreign	227,270	271,683	237,220
	$ 247,415	$ 269,946	$ 239,033

Income Tax Provision

The components of our income tax provisions are presented below.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Current:			
Federal	$ -	$ -	$ -
State	95	14	1
Foreign	64,861	71,225	58,981
	64,956	71,239	58,982
Deferred:			
Federal	-	-	-
State	13	12	10
Foreign	(1,402)	(939)	799
	(1,389)	(927)	809
Total	$ 63,567	$ 70,312	$ 59,791

The table below presents a reconciliation of income taxes calculated by applying the statutory U.S. federal income tax rate to our income tax provisions of the reporting periods.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
U.S. federal income tax at statutory rate	$ 51,957	$ 56,689	$ 50,197
Changes in valuation allowance	(1,986)	(256)	(1,462)
Foreign rate differential	10,695	11,394	7,941
Tax credits	(5,209)	(2,425)	(1,368)
Uncertain tax positions, including reserves, settlements and resolutions	6,226	3,328	3,214
Other, net	1,884	1,582	1,269
Income tax provision	$ 63,567	$ 70,312	$ 59,791

Reporting Period	U.S. Statutory Tax Rates	Photronics Effective Tax Rates	Primary Reasons for Differences
2024	21.0%	25.7%	Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, the establishment of uncertain tax positions in non-U.S. jurisdiction and loss jurisdiction pre-tax losses not being benefited due to valuation allowances.
2023	21.0%	26.0%	Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, the establishment of uncertain tax positions in non-U.S. jurisdiction and loss jurisdiction pre-tax losses not being benefited due to valuation allowances.
2022	21.0%	25.0%	Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions; and the establishment of uncertain tax positions in non-U.S. jurisdiction.

Deferred Income Tax Assets and Liabilities

The net deferred income tax assets consist of the following:

	As of	
	October 31, 2024	October 31, 2023
Deferred income tax assets		
Net operating losses	$ 18,941	$ 26,377
Reserves not currently deductible	9,892	8,776
Tax credit carryforwards	12,550	10,442
Share-based compensation	3,102	1,892
Property, plant and equipment	10,710	9,844
Research intangibles	2,721	-
Lease liabilities	4,116	5,743
	62,032	63,074
Valuation allowances	(30,633)	(32,619)
	31,399	30,455
Deferred income tax liabilities		
ROU assets	(7,351)	(8,193)
Other	(1,458)	(1,200)
	(8,809)	(9,393)
Net deferred income tax assets	$ 22,590	$ 21,062
Classification		
Deferred income tax assets	$ 23,059	$ 21,297
Other liabilities	(469)	(235)
	$ 22,590	$ 21,062

We have established a valuation allowance for a portion of our deferred tax assets because we believe, based on the weight of all available evidence, that it is more likely than not that a portion of our deferred tax assets will expire prior to utilization. In 2024 the valuation allowance decreased as a result of management's determination that tax benefits on deferred tax assets would more likely than not be realized and, therefore, decreased the valuation allowance to include these deferred tax assets.

Due to the Tax Cuts and Jobs Act, which was signed into law in December 2017, as of fiscal year end 2018, U.S. deferred taxes were no longer provided on the undistributed earnings of non-U.S. subsidiaries. Our policy to indefinitely reinvest these earnings in non-U.S. operations remains unchanged for the purpose of determining deferred tax liabilities for U.S. state and foreign withholding taxes. Therefore, should we elect in the future to repatriate the remaining foreign earnings deemed to be indefinitely reinvested, we may incur additional state and foreign withholding tax expense on those earnings, the amount of which is not practicable to compute.

Tax Credits and Carryforwards

The following tables present our available operating loss and credit carryforwards as of October 31, 2024, and their related expiration periods.

Operating Loss Carryforwards	Amount	Expiration Period
Federal	$ 55,729	2030-Indefinite
State	$ 135,736	2025-Indefinite
Foreign	$ 165	2025-2034

Tax Credit Carryforwards	Amount	Expiration Period
Federal research and development	$ 6,042	2025-2044
Federal 48D credit	$ 2,276	2043-2044
State	$ 5,357	2025-2038

Uncertain Tax Positions

We include unrecognized tax benefits in *Other liabilities*, and we include any applicable interest and penalties related to uncertain tax positions in our income tax provision.

A reconciliation of the beginning and ending amounts of unrecognized tax benefits is presented below. The amounts in the table include settlements of non-U.S. audits.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Balance at beginning of year before interest and penalties	$ 8,332	$ 5,204	$ 3,534
(Reductions) additions of tax positions in prior years	86	209	(355)
Additions based on current year tax positions	6,139	3,361	2,892
Settlements	(835)	(423)	(848)
Lapses of statutes of limitations	(30)	(19)	(19)
Balance at end of year before interest and penalties	13,692	8,332	5,204
Interest and penalties	1,028	576	395
Balance at end of year including interest and penalties	$ 14,720	$ 8,908	$ 5,599

The following table presents additional information on our uncertain tax positions, as of the balance sheet dates.

	October 31, 2024	October 31, 2023
Unrecognized tax benefits that, if recognized, would impact the effective tax rate	$ 14,720	$ 8,908
Accrued interest and penalties related to uncertain tax positions	$ 1,028	$ 576

Although the timing of the reversal of uncertain tax positions may be uncertain, as they can be dependent upon the settlement of tax audits or expirations of statutes of limitations, the Company believes that the amount of uncertain tax positions (including accrued interest and penalties, and net of tax benefits) that may be resolved over the next twelve months is $0.4 million. Resolution of these uncertain tax positions may result from either or both the lapses of statutes of limitations and tax settlements. The Company is no longer subject to tax authority examinations in the U.S., major foreign, or state tax jurisdictions for years prior to fiscal year 2019.

Income Tax Payments and Refunds

The table below presents income taxes paid and refunds of income taxes received during the reporting periods.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Income taxes paid	$ 62,520	$ 70,362	$ 37,770
Income tax refunds received	$ 2,519	$ 485	$ 388

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EARNINGS PER SHARE

12 Months Ended
Oct. 31, 2024

EARNINGS PER SHARE [Abstract]

EARNINGS PER SHARE **NOTE 15 - EARNINGS PER SHARE**

The calculation of basic and diluted earnings per share is presented below.

	Year Ended		
(in thousands, except for per share data)	October 31, 2024	October 31, 2023	October 31, 2022
Net income attributable to Photronics, Inc. shareholders	$ 130,688	$ 125,485	$ 118,786
Effect of dilutive securities	-	-	-
Earnings used for diluted earnings per share	$ 130,688	$ 125,485	$ 118,786
Weighted-average common shares outstanding:			
Basic	61,726	61,139	60,559
Effect of dilutive securities:			
Share-based payment awards	665	616	630
Potentially dilutive common shares	665	616	630
Weighted-average common shares-Diluted	62,391	61,755	61,189
Earnings per share:			
Net Income attributable to Photronics shareholders - Basic	$ 2.12	$ 2.05	$ 1.96
Net Income attributable to Photronics shareholders - Diluted	$ 2.09	$ 2.03	$ 1.94

The table below sets forth the outstanding weighted-average share-based payment awards that were excluded from the calculation of diluted earnings per share because their exercise price exceeded the average market value of the common shares for the period or, under application of the treasury stock method, they were otherwise determined to be antidilutive.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Share based payment awards	371	136	314
Total potentially dilutive shares excluded	371	136	314

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COMMITMENTS AND CONTINGENCIES

12 Months Ended
Oct. 31, 2024

COMMITMENTS AND CONTINGENCIES [Abstract]

COMMITMENTS AND CONTINGENCIES **NOTE 16 - COMMITMENTS AND CONTINGENCIES**

Presented below are the Company's unrecognized unconditional purchase obligations, which are mainly payments for the acquisition of property, plant and equipment, with a remaining term in excess of one year as of October 31, 2024. The amounts below do not include the Company's commitments under the Company's debt and lease arrangements, which are presented in Notes 8 and 11, respectively.

Fiscal Year	Unrecognized Commitments
2025	$ 70,992
2026	3,052
2027	1
2028	1
2029	-
Thereafter	-
Total	$ 74,046

We are subject to various claims that arise in the ordinary course of business. The Company believes that the Company's potential liability under such claims, individually and in the aggregate, will not have a material effect on the Company's consolidated financial statements. As of October 31, 2024, and October 31, 2023, the Company was not involved in environmental litigation to which a government was a party.

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CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT

12 Months Ended
Oct. 31, 2024

CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT [Abstract]

CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT **NOTE 17 - CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT**

The following tables set forth the changes in the Company's accumulated other comprehensive (loss) income by component (net of tax of $0) for the years ended October 31, 2024, and October 31, 2023.

	Year Ended October 31, 2024		
	Foreign Currency Translation Adjustments	Other	Total
Balance at October 31, 2023	$ (88,044)	$ (690)	$ (88,734)
Other comprehensive income (loss)	8,630	(81)	8,549
Other comprehensive (loss) income attributable to noncontrolling interests	(6,173)	39	(6,134)
Balance at October 31, 2024	$ (85,587)	$ (732)	$ (86,319)

	Year Ended October 31, 2023		
	Foreign Currency Translation Adjustments	Other	Total
Balance at October 31, 2022	$ (97,790)	$ (666)	$ (98,456)
Other comprehensive income (loss)	5,615	(3)	5,612
Other comprehensive income (loss) attributable to noncontrolling interests	4,131	(21)	4,110
Balance at October 31, 2023	$ (88,044)	$ (690)	$ (88,734)

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RISKS AND CONCENTRATIONS

12 Months Ended
Oct. 31, 2024

RISKS AND

CONCENTRATIONS [Abstract]

RISKS AND CONCENTRATIONS

NOTE 18 - RISKS AND CONCENTRATIONS

Financial instruments that potentially subject the Company to credit risk principally consist of trade accounts receivable and short-term cash investments. The Company sells the Company's products primarily to semiconductor and FPD manufacturers in Asia, North America, and Europe. The Company believes that the concentration of credit risk in the Company's trade receivables is substantially mitigated by the Company's ongoing credit evaluation process and relatively short collection terms. The Company does not generally require collateral from customers. The Company establishes an allowance for credit losses based upon factors surrounding the credit risk of specific customers, historical trends, and other information.

Our cash and cash equivalents are deposited in several financial institutions, including institutions located within all of the countries in which the Company manufactures photomasks. Portions of deposits in some of these institutions may exceed the amount of insurance available for such deposits at these institutions. As these deposits are generally redeemable upon demand and are held by high quality, reputable institutions, the Company considers them to bear minimal credit risk. The Company further mitigates credit risks related to the Company's cash and cash equivalents by spreading such risk among a number of institutions.

The following table presents the percentages of the Company's net accounts receivable attributable to customers that accounted for more than ten percent of the total balance as of the balance sheet dates.

	October 31, 2024	October 31, 2023
Customer A	19.2%	21%
Customer B	14.6%	10%

The following table presents the percentages of the Company's revenue attributable to customers that accounted for more than ten percent of the total revenue during the reporting periods.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Customer A	15%	14%	15%
Customer B	12%	10%	11%
Customer C	9%	13%	5%

We operate as a single reporting segment as a manufacturer of photomasks, which are high precision quartz or glass plates containing microscopic images of electronic circuits for use in the fabrication of ICs and FPDs.

As of the balance sheet dates, the Company's long-lived assets and net assets were, by geographic area, as presented below.

	October 31, 2024		October 31, 2023	
	Long-lived Assets	Net Assets	Long-lived Assets	Net Assets
China	$ 256,072	$ 379,460	$ 249,357	$ 317,409
Europe and Other	7,010	(420)	7,294	(2,175)
United States	144,634	217,890	140,733	188,712
Korea	123,631	315,597	119,438	281,941
Taiwan	213,910	568,232	199,313	489,722
	$ 745,257	$ 1,480,759	$ 716,135	$ 1,275,609

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RELATED PARTY TRANSACTIONS

12 Months Ended
Oct. 31, 2024

RELATED PARTY TRANSACTIONS [Abstract]

RELATED PARTY TRANSACTIONS

NOTE 19 - RELATED PARTY TRANSACTIONS

Our chief executive officer is related to an individual in a position of authority at one of the Company's largest customers. The Company recorded revenue from this customer of $127.0 million, $126.5 million and $119.0 million, in 2024, 2023, and 2022, respectively. As of October 31, 2024, and October 31, 2023, the Company had accounts receivable of $38.8 million and $41.5 million, respectively, from this customer.

The Company believes that the terms of the transaction described above was negotiated at arm's length and were no less favorable to the Company than terms the Company could have obtained from unrelated third parties.

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FAIR VALUE MEASUREMENTS

12 Months Ended
Oct. 31, 2024

FAIR VALUE MEASUREMENTS [Abstract]

FAIR VALUE MEASUREMENTS

NOTE 20 - FAIR VALUE MEASUREMENTS

The accounting framework for determining fair value includes a hierarchy for ranking the quality and reliability of the information used to measure fair value, which enables the reader of the financial statements to assess the inputs used to develop those measurements. The fair value hierarchy consists of three tiers as follows:

Level 1- These are investments where values are based on unadjusted quoted prices for identical assets in an active market the Company has the ability to access.

Level 2- These are investments where values are based on quoted market prices that are not active or model derived valuations in which all significant inputs are observable in active markets.

Level 3- These are investments where values are derived from techniques in which one or more significant inputs are unobservable.

The following are the major categories of assets measured at fair value on a recurring basis using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2) and significant unobservable inputs (Level 3):

	October 31, 2024				October 31, 2023			
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
U.S. Government Securities	$ -	$ -	$ -	$ -	$ 12,915	$ -	$ -	$ 12,915
Time deposits	-	42,184	-	42,184	-	-	-	-
Money market funds	36,322	-	-	36,322	19,187	-	-	19,187
Total	$ 36,322	$ 42,184	$ -	$ 78,506	$ 32,102	$ -	$ -	$ 32,102

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SHARE REPURCHASE PROGRAMS

12 Months Ended
Oct. 31, 2024

SHARE REPURCHASE PROGRAMS [Abstract]

SHARE REPURCHASE PROGRAMS

NOTE 21 - SHARE REPURCHASE PROGRAMS

In September 2020, the Company's Board of Directors authorized the repurchase of up to $100 million of its common stock, pursuant to a repurchase plan under Rule 10b5-1 of the Securities Act. The repurchase authorization by the Board of Directors has no expiration date, does not obligate us to acquire any common stock, and is subject to market conditions. Share repurchases under this authorization commenced on September 16, 2020. The most recent 10b5-1 plan expired on September 15, 2022, and has not been renewed. In 2022, we repurchased 0.2 million shares at a cost of $2.5 million (an average of $13.43 per share) and, since the program's inception, we have repurchased 5.8 million shares at a cost of $68.3 million (an average of $11.70 per share). All shares repurchased under the program have been retired prior to the end of the fiscal year in which they were purchased. On August 28, 2024, the Board of Directors authorized an increase to the Company's existing share repurchase program from the remaining $31.7 million up to $100 million under the Board of Director authorization. In 2024, we did not repurchase any further shares as part of this program.

The table below presents information on the repurchase programs for the three most recent fiscal years.

	2024 Purchases	2023 Purchases	2022 Purchases
Number of shares repurchased	-	-	187
Cost of shares repurchased	$ -	$ -	$ 2,522
Average price paid per share	$ -	$ -	$ 13.43

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INSIDER TRADING ARRANGEMENTS

3 Months Ended
Oct. 31, 2024

Insider Trading Arrangements [Line Items]

Rule 10b5-1 Arrangement Adopted	false
Non-Rule 10b5-1 Arrangement Adopted	false
Rule 10b5-1 Arrangement Terminated	false
Non-Rule 10b5-1 Arrangement Terminated	false

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Policies)

12 Months Ended

Oct. 31, 2024

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES [Abstract]

Basis of Presentation

Basis of Presentation

The consolidated financial statements are prepared in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"). The accounting policies used to prepare these financial statements are the same as those used to prepare the consolidated financial statements in prior years, except as described in these notes or for the adoption of new standards as outlined below.

Principles of Consolidation

Principles of Consolidation

The accompanying consolidated financial statements include the accounts of Photronics, Inc., its wholly owned subsidiaries, in which Photronics is considered the primary beneficiary, and the majority-owned subsidiaries which it controls.

All intercompany balances and transactions have been eliminated in consolidation.

Noncontrolling interests in subsidiaries related to Photronics ownership interests of less than 100% are reported as Noncontrolling interests in the consolidated balance sheets. The results of noncontrolling ownership interests held by Photronics, net of tax, are reported as Net (income) attributable to noncontrolling interests in the consolidated statements of income.

Estimates and Assumptions

Estimates and Assumptions

The preparation of financial statements in conformity with U.S. GAAP requires Photronics to make estimates and assumptions that affect amounts reported in them. The Company's estimates are based on historical experience and on various assumptions that are believed to be reasonable, based on the facts and circumstances available at the time they are made. Subsequent actual results may differ from such estimates. The Company reviews these estimates periodically and reflect any effects of revisions in the period in which they are determined.

Translation of Foreign Currency Financial Statements

Translation of Foreign Currency Financial Statements

Photronics reporting currency is the U.S. dollar. The functional currency of the majority of Photronics foreign subsidiaries is their local currency. As such, amounts included in the consolidated statements of income, comprehensive income, cash flows, and changes in equity are translated using average exchange rates during each period. Assets and liabilities are translated at period-end exchange rates and resulting foreign currency translation adjustments are recorded in the consolidated balance sheets as a component of Accumulated other comprehensive loss.

Foreign Currency Transactions

Foreign Currency Transactions

Monetary assets and liabilities denominated in currencies other than the functional currency are remeasured into their respective functional currencies at exchange rates in effect at the balance sheet date. The resulting exchange gain or loss is included in Photronics' consolidated statements of income as Foreign currency transactions impacts, net.

Cash and Cash Equivalents

Cash and Cash Equivalents

Cash and cash equivalents include cash and highly liquid investments with an original maturity of three months or less, readily convertible to known amounts of cash, and so near to their maturity that they present insignificant risk of changes in value because of changes in interest rates. Restricted cash is included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the consolidated statements of cash flows. The carrying values of cash equivalents approximate their fair values, due to the short-term maturities of these instruments.

Restricted Cash

Restricted Cash

Restricted cash in the amounts of $2.8 million and $2.6 million are included in Other assets on the Company's October 31, 2024 and October 31, 2023, consolidated balance sheets, respectively. The restrictions on these amounts are primarily related to land lease agreements and customs requirements.

Investments

Investments

The Company invests in various bank time deposits, money markets and U.S. Government Securities. The Company's classification of investments is as follows:

-	Maturing within three months or less from the date of purchase	Cash and cash equivalents
-	Maturing, as of the date of purchase, more than three months, but with remaining maturities of less than one year, from the balance sheet date	Short-term investments
-	Maturing one year or more from the balance sheet date	Long-term marketable investments

As of October 31, 2024 and 2023, all of the Company's investments from their dates of purchase had remaining maturities of more than three months, but less than one year, and have been classified as short-term investments.

Based upon the Company's intent and ability to hold its time deposits to maturity (which maturities range up to twelve months at purchase), such securities have been classified as held-to-maturity and are carried at amortized cost, which approximates market value. Money markets are classified as cash and cash equivalents. The Company's U.S. Government Securities are classified as available-for-sale. Available-for-sale investments are reported at fair value, with unrealized gains or losses (net of tax) reported in Accumulated other comprehensive income (loss). In the event of a sale of these securities, the Company would determine the cost of the investment sold at the specific individual security level and would include any gain or loss in *Interest income and other income, net*, where the Company also reports periodic interest earned and the amortization (accretion) of discounts (premiums) related to these investments.

The table below provides information on the Company's available-for-sale debt securities and time deposits classified as short-term investments.

	October 31, 2024				October 31, 2023			
	Amortized Cost	Unrealized Gains	Unrealized Losses	Carrying Value	Amortized Cost	Unrealized Gains	Unrealized Losses	Carrying Value
U.S. Government Securities[(1)]	$ -	$ -	$ -	$ -	$ 12,913	$ 4	$ (2)	$ 12,915
Time deposits	42,184	-	-	42,184	-	-	-	-
Total	$ 42,184	$ -	$ -	$ 42,184	$ 12,913	$ 4	$ (2)	$ 12,915

(1) Matured during 2024

The Company's investments in marketable securities consist primarily of investments in time deposits and U.S. Government Securities. Market values were determined for each individual security in the investment portfolio. When evaluating the investments for other-than-temporary impairment, the Company reviews factors such as length of time and extent to which fair value has been below cost basis, the financial condition of the issuer, and the Company's ability and intent to hold the investment for a period of time, which may be sufficient for anticipated recovery in market values.

Accounts Receivable, Unbilled Receivables and Allowance for Credit Losses

Accounts Receivable, Unbilled Receivables and Allowance for Credit Losses

We generally record the Company's accounts receivable at their billed amounts. The Company recognizes unbilled receivables when the Company has satisfied its performance obligations, has an unconditional right to consideration, but has not yet issued an invoice. All outstanding past due customer invoices are reviewed for collectability during, and at the end of, every reporting period. To the extent that the Company believes a loss on the collection of a customer invoice is probable, the Company records the loss and credits an allowance for credit losses. In the event that an amount is determined to be uncollectible, the Company charges the allowance for credit losses and derecognizes the related receivable. Refer to the Company's revenue recognition policy, below, for additional information on the Company's accounting for accounts receivable.

Inventories

Inventories

Inventories are stated at the lower of cost, determined under the first-in, first-out ("FIFO") method, or net realizable value. Please refer to Note 4 for additional information on the Company's inventories. Inventory reserves are established when conditions indicate that the net realizable value is less than costs due to assigned expiration dates or other causes based on individual facts and circumstances. If net realizable value is less than cost at the balance sheet date, the carrying amount is reduced to the realizable value, and the difference is recognized as a loss on valuation of inventories within cost of sales.

Property, Plant and Equipment, Net

Property, Plant and Equipment, Net

Property, plant and equipment, except as explained below under "Impairment of Long-Lived Assets," is stated at cost less accumulated depreciation and amortization. Repairs and maintenance, as well as renewals and replacements of a routine nature, are charged to operations as incurred, while those that improve or extend the lives of existing assets are capitalized. Upon sale or other disposition, the cost of the asset and its related accumulated depreciation are removed from the accounts, and any resulting gain or loss is reflected in earnings.

Depreciation and amortization, essentially all of which are included in *Cost of goods sold* in the Company's consolidated statements of income, are computed using the straight-line method over the estimated useful lives of the related assets. Buildings and improvements are depreciated over 10 to 39 years, machinery and equipment over 5 to 15 years, and furniture, fixtures, and office equipment over 3 to 5 years. Leasehold improvements are amortized over the lesser of the life of the lease or the estimated useful life of the improvement. The Company employs judgment when making assumptions about the estimated useful lives and depreciation periods the Company assigns to property, plant and equipment, and when events or changes in circumstances such as a significant industry downturn, plant closures, technological obsolescence, or other occurrences indicate that their carrying amounts may not be recoverable.

Impairment of Long-Lived Assets

Impairment of Long-Lived Assets

Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. Determinations of recoverability are based upon the Company's judgment and estimates of undiscounted future cash flows resulting from the use of the assets and their eventual disposition. Measurement of an impairment loss for long-lived assets that the Company expects to hold and use is based on the fair value of the assets, determined using a market or income approach, compared with the carrying value of the asset. The carrying values of assets determined to be impaired would be reduced to their estimated fair values.

Property, plant and equipment and other long-lived assets to be sold or otherwise disposed of are reported at the lower of carrying amount or fair value less cost to sell.

Treasury Stock

Treasury Stock

The Company records treasury stock purchases under the cost method, recording the entire cost of the acquired stock as treasury stock. Gains and losses on subsequent reissuances would be credited or charged to additional paid-in capital, and the Company would employ the average cost method (with average cost being determined separately for each share repurchase program), in the event that the Company subsequently reissues shares. When the Company retires the Company's treasury stock, any excess of the repurchase price paid over par value is allocated between additional paid-in capital and retained earnings.

Revenue Recognition

Revenue Recognition

The Company recognizes revenue when, or as, control of a good or service transfers to a customer, in an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring those goods or services. The Company accounts for an arrangement as a revenue contract when each party has approved and is committed to perform under the contract, the rights of the contracting parties regarding the goods or services to be transferred and the payment terms are identifiable, the arrangement has commercial substance, and collection of consideration is probable. Substantially all of the Company's revenue comes from the sales of photomasks. The Company typically contracts with the Company's customers to sell sets of photomasks, which are comprised of multiple layers, the predominance of which the Company invoices as they ship to customers. As the photomasks are manufactured to customer specifications, they have no alternative use to the Company and, as the Company's contracts generally provide the Company with the right to payment for work completed to date, the Company recognizes revenue as the Company performs, or "over time," on most of the Company's contracts. The Company measures the Company's performance to date using an input method, which is based on the Company's estimated costs to complete the various manufacturing phases of a photomask. At the end of a reporting period, there are a number of uncompleted revenue contracts on which the Company has performed; for any such contracts under which the Company is entitled to be compensated for the Company's costs incurred plus a reasonable profit, the Company recognizes revenue and a corresponding contract asset for such performance. The Company accounts for shipping and handling activities that the Company performs after a customer obtains control of a good as being activities to fulfill the Company's promise to transfer the good to the customer, rather than as promised

services, or performance obligations, under the contract. The Company reports the Company's revenue net of any sales or similar taxes the Company collects on behalf of governmental entities.

As stated above, photomasks are manufactured to customer specifications in accordance with their proprietary designs; thus, they are individually unique. Due to their uniqueness and other factors, their transaction prices are individually established through negotiations with customers; consequently, the Company's photomasks do not have standard or "list" prices. The transaction prices of the vast majority of the Company's revenue contracts include only fixed amounts of consideration. In certain instances, such as when the Company offers a customer an early payment discount, an estimate of variable consideration would be included in the transaction price, but only to the extent that a significant reversal of revenue would not occur when the uncertainty related to the variability was resolved.

Contract Assets and Contract Liabilities

The Company recognizes a contract asset when the Company's performance under a contract precedes the Company's receipt of consideration from a customer, or before payment is due, and the Company's receipt of consideration is conditional upon factors other than the passage of time. Contract assets reflect the Company's transfer of control to customers of photomasks that are in process or completed but not yet shipped to customers. A receivable is recognized when the Company has an unconditional right to payment for the Company's performance, which generally occurs when the Company ships the photomasks. The Company's contract assets primarily consist of a significant amount of the Company's in-process production orders and fully manufactured photomasks which have not yet shipped, for which the Company has an enforceable right to collect consideration (including a reasonable profit) in the event the in-process orders are cancelled by customers. On an individual contract basis, the Company nets contract assets with contract liabilities (deferred revenue) for financial reporting purposes. The Company's net credit losses on the accounts receivable during 2024 were insignificant. The Company did not impair any contract assets or accounts receivable in 2024 or 2023.

Contract Costs

The Company pays commissions to third-party sales agents for certain sales that they procure on the Company's behalf. However, the bases of the commissions are the transaction prices of the sales, which are completed in less than one year; thus, no relationship is established with a customer that will result in future business. Therefore, the Company would not recognize any portion of these sales commissions as costs of obtaining a contract, nor does the Company currently foresee other circumstances under which the Company would recognize such assets.

Remaining Performance Obligations

As the Company is typically required to fulfill customer orders within a short time period, the Company's backlog of orders is generally not in excess of one to two weeks for IC photomasks and two to three weeks for FPD photomasks. However, the demand for some IC photomasks can extend beyond the traditional time period; thus the backlog, in some individual cases, can extend to as long as two to three months. More recently however, backlogs for most high demand products have returned to historical levels of less than a month. As allowed under ASC 606 – *Revenue Contracts with Customers*, the Company has elected not to disclose the Company's remaining performance obligations, which represent the costs associated with the completion of the manufacturing process of in-process photomasks related to contracts that have an original duration of one year or less.

Product Warranties

The Company's photomasks are sold under warranties that generally range from one to twenty-four months. The Company warrants that the Company's photomasks conform to customer specifications, and the Company will typically repair, replace, or issue a refund for any photomasks that fail to do so. The warranties do not represent separate performance obligations in the Company's revenue contracts. Historically, customer claims under warranties have been immaterial.

Leases

Leases

The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement and evaluates at that time whether the lease is an operating lease or a finance lease. The Company recognizes right-of-use assets and lease liabilities for operating and finance leases with terms greater than 12 months. Please refer to Note 11 – *Leases* for additional information.

The Company's involvement in lease arrangements has typically been as a lessee. The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement. An arrangement is determined to be a lease when it conveys to the Company the right to control the use of an identified asset for a period of time in exchange for consideration. The Company's having the right to control an identified asset is determined by whether the Company is entitled to substantially all of its economic benefits and can direct its use. The Company recognizes leases on the Company's consolidated balance sheet when a lessor makes an asset underlying a lease having a term in excess of twelve months available for the Company's use. As allowed under ASC Topic 842 – "*Leases*" ("Topic 842"), the Company has elected 1) not to apply the recognition requirements to leases that, at their commencement dates, have lease terms of twelve months or less and do not include options to purchase their underlying assets that the Company is reasonably certain to exercise and 2) for all classes of assets, the practical expedient to not separate lease components of a contract from non-lease components of a contract.

If an arrangement is determined to be, or includes a lease, the Company then applies the classification criteria in ASC 842 - *Leases* to determine whether the lease is a finance lease or an operating lease. For both types of leases, at their commencement dates (which are the dates on which a lessor makes an underlying asset available for the Company's use), the Company recognizes Right-of-Use ("ROU") assets, which represent the Company's rights to use the underlying assets, and lease liabilities which represent the Company's obligation to make payments for such rights. The present value of lease payments over the term of the lease provides the basis for the initial measurement of ROU assets and their related lease liabilities. Variable lease payments, other than those that are dependent on an index or on a rate (at which they are measured on their commencement dates), are not included in the measurement of ROU assets and their related lease liabilities. Lease terms include extension periods if the lease agreement includes an option to extend the lease that the Company is reasonably certain to exercise.

The initial measurement process for finance leases and operating leases is the same, except that, for operating leases, the Company generally applies the Company's incremental borrowing rates for collateralized borrowings over terms similar to those of the leases to determine the lease liability while, for finance leases, the Company uses the interest rates implicit in the leases. The initial measurement of ROU assets may require further adjustments for lease prepayments and initial direct costs the Company incurs.

Operating leases are expensed on a straight-line basis over the terms of the leases, and are included in the consolidated statement of income in *Cost of goods sold, Selling, general and administrative*, or *Research and development* expense in accordance with the use of the underlying asset. Finance lease ROU assets are amortized over the estimated useful life of the underlying asset; the expenses are included in the consolidated statement of income in *Cost of goods sold*. Finance lease liabilities are subsequently remeasured by increasing the liability to reflect interest accrued during a period and decreasing the liability to reflect payments made during the period. Interest expense incurred on finance leases is included in *Interest expense* on the consolidated statements of income.

Cash paid for operating leases and interest paid for finance leases are included in the consolidated statement of cash flows as operating activities in *Accounts payable, accrued liabilities and other*; cash paid for finance lease principal is included in *Repayments of debt* in the financing activities section of the consolidated statement of cash flows.

Share-Based Compensation

Share-Based Compensation

We recognize share-based compensation expense on a straight-line basis over the requisite service period during which the awards are expected to vest. Share-based compensation expense includes the estimated effects of forfeitures, which are adjusted over the requisite service period to the extent actual forfeitures differ, or are expected to differ, from such estimates. Changes in estimated forfeitures are recognized in the period of change and will impact the amount of expense to be recognized in future periods. Determining the appropriate option pricing model, calculating the grant date fair value of share-based awards, and estimating forfeiture rates requires considerable judgment, including estimations of stock price volatility and the expected term of options granted.

We use the Black-Scholes option pricing model to value employee stock options. The Company estimates stock price volatility based on daily averages of the Company's common stock's historical volatility over a term approximately equal to the estimated time period the grant will remain outstanding. The expected term of options and forfeiture rate assumptions are derived from historical data.

Research and Development

Research and Development

Research and development costs are expensed as incurred and consist primarily of development efforts related to high-end process technologies for advanced subwavelength reticle solutions for IC and FPD photomask technologies. Research and development expenses were $16.6 million, $13.7 million, and $18.3 million for the years ended October 31, 2024, 2023 and 2022, respectively.

Government Grants

Government Grants

The Company receives or expects to receive in the future, various types of government assistance, primarily in the form of grants or refundable tax credits. Government assistance is recognized when there is reasonable assurance that: (1) the Company will comply with the relevant conditions and (2) the assistance will be received. Government assistance related to reimbursing fixed asset purchases, such as reimbursement grants and refundable federal investment tax credits, are recorded as a reduction to the related asset(s), which then reduces depreciation expense over the expected useful life of the asset on a straight-line basis. If some, or all, of the amount of government assistance becomes repayable (e.g. due to non-fulfillment of the grant conditions) or there is no longer reasonable assurance the amount will be received (e.g. due to additional interpretive guidance) then the adjustment is accounted for prospectively as a change in accounting estimate. The effect of the change in estimate is recognized in the period in which management concludes that it is no longer reasonably assured that all of the grant conditions will be met. A corresponding financial liability is recognized for the amount of the repayment, if any.

The Company accounts for funds the Company receives from government grants by either reducing the costs of the assets (if the grant relates to capital expenditures) or expenses which could be *Cost of goods sold, Selling, general and administrative, or Research and development expenses* in the consolidated statements of income. If the funds the Company receives cannot be attributed to specific assets or expenses, they would be recognized as other income, and included in *Interest income and other income, net* in the consolidated statements of income. Funds the Company receive from government grants are classified in the Company's consolidated statements of cash flows as either *Net cash provided by operating activities* or *Net cash provided by investing activities*, in accordance with how the Company expends the funds. When a grant is received before conditions of the grant have been met, the grant is recorded in *Accrued liabilities* or *Other liabilities* in the Consolidated Balance Sheets. For the years ended October 31, 2024, October 31, 2023, and October 31, 2022, grants recorded in the Company's Consolidated Financial Statements were not material.

The Company expects to receive refundable federal investment tax credits through the CHIPS Act in connection with ongoing expansion projects. As of October 31, 2024, the Company has reduced property, plant and equipment, net by $5.0 million as a result of expected refundable tax credits in connection with the CHIPS Act. The Company has also applied for direct capital grants through the CHIPS Act in connection with proposed projects.

Income Taxes

Income Taxes

The income tax provision is computed on the basis of the income or loss before income taxes for each entity in its respective tax jurisdiction. Deferred income taxes reflect the tax effects of differences between the carrying amounts of assets and liabilities for financial reporting purposes and their amounts used for income tax purposes, as well as the tax effects of net operating losses and tax credit carryforwards. We employ judgment and make assumptions when establishing valuation allowances for deferred income tax assets, if their realization is not deemed to be more likely than not, by considering future market growth, operating forecasts, future taxable income, and the mix of earnings among the tax jurisdictions in which we operate. Accordingly, income taxes charged against earnings may have been impacted by changes in the valuation allowances. We are eligible for investment tax credits in U.S. and non-U.S. tax jurisdictions. We account for investment tax credits under the "flow-through" method of accounting. As permitted in ASC 740 "Income Taxes", under the flow-through method of accounting, the tax benefit from an investment tax credit is recorded as a reduction of income taxes in the period in which the credit is generated.

We consider income taxes in each of the tax jurisdictions in which we operate in order to determine our effective income tax rate. Our current income tax expense is thus identified, and temporary differences resulting from differing treatments of items for tax and financial reporting purposes are assessed. These differences result in deferred tax assets, which are presented on our consolidated balance sheets, and deferred tax liabilities, which are included in *Other liabilities* on our consolidated balance sheets.

We account for uncertain tax positions by recording a liability for unrecognized tax benefits resulting from uncertain tax positions taken, or expected to be taken, in our tax returns. We include any applicable interest and penalties related to uncertain tax positions in the liability and in our income tax provision.

Earnings Per Share

Earnings Per Share

Basic earnings per share ("EPS") attributed to Photronics shareholders for both basic and diluted is computed independently for each period presented and is based on the weighted-average number of common shares outstanding for the period, excluding any dilutive common share equivalents. Diluted EPS reflects the potential dilution that could occur if certain share-based payment awards were exercised or earned.

Variable Interest Entities

Variable Interest Entities

We account for the investments the Company makes in certain legal entities in which equity investors do not have: 1) sufficient equity at risk for the legal entity to finance its activities without additional subordinated financial support or, 2) as a group, the holders of the equity investment at risk do not have either the power, through voting or similar rights, to direct the activities of the legal entity that most significantly impact the entity's economic performance or, 3) the obligation to absorb the expected losses of the legal entity or the right to receive expected residual returns of the legal entity as "variable interest entities", or "VIEs".

We consolidate the results of any such entity in which the Company has determined that the Company has a controlling financial interest. The Company would have a "controlling financial interest" (and thus be considered the "primary beneficiary" of the entity) in such an entity when the Company has both the power to direct the activities that most significantly affect the VIE's economic performance and

the obligation to absorb the losses of, or right to receive the benefits from, the VIE that could be potentially significant to the VIE. On a quarterly basis, the Company reassesses whether the Company has a controlling financial interest in any investments the Company has in these entities.

We would account for investments the Company makes in VIEs in which the Company has determined that the Company does not have a controlling financial interest but have a significant influence over, and hold at least a twenty percent ownership interest in, using the equity method. An investment not meeting the parameters to be accounted for under the equity method would be accounted for using the cost method, unless the investment had a readily determinable fair value, at which value it would then be reported.

Recent Accounting Pronouncements

Recent Accounting Pronouncements

In December 2023, the FASB issued ASU 2023-09, "Income Taxes (Topic 740): Improvements to Income Tax Disclosures", to enhance the transparency and decision usefulness of income tax disclosures. The amendments in this Update related to the rate reconciliation and income taxes paid disclosures to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. The amendments allow investors to better assess, in their capital allocation decisions, how an entity's worldwide operations and related tax risks and tax planning and operational opportunities affect its income tax rate and prospects for future cash flows. The guidance in this Update will be effective for Photronics in its fiscal year 2026 Form 10-K, with early application of the amendments allowed. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.

In November 2023, the FASB issued ASU 2023-07, "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures", which improves reportable segment disclosure requirements, primarily through enhanced disclosures about significant segment expenses. The guidance in this Update is effective for Photronics in its fiscal year 2025 Form 10-K, with early adoption permitted. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.

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PDMCX JOINT VENTURE (Policies)	12 Months Ended Oct. 31, 2024
PDMCX JOINT VENTURE [Abstract]	

Variable Interest Entities

As required by the guidance in ASC Topic 810 - "*Consolidation*", the Company evaluated the Company's involvement in PDMCX for the purpose of determining whether the Company should consolidate its results in the Company's financial statements. The initial step of the Company's evaluation was to determine whether PDMCX was a VIE. Due to its lack of sufficient equity at risk to finance its activities without additional subordinated financial support, the Company determined that it is a VIE. Having made this determination, the Company then assessed whether the Company was the primary beneficiary of the VIE, and concluded that the Company was the primary beneficiary during the current and prior years reporting periods; thus, as required, the PDMCX financial results have been consolidated with Photronics. The Company's conclusion was based on the fact that the Company held a controlling financial interest in PDMCX (which resulted from the Company's having the power to direct the activities that most significantly impacted its economic performance) and had both the obligation to absorb losses and the right to receive benefits that could potentially be significant to PDMCX. The Company's conclusion that the Company had the power to direct the activities that most significantly affected the economic performance of PDMCX during the current and prior year periods were based on the Company's right to appoint the majority of its Board of Directors, which has, among others, the powers to manage the business (through its rights to appoint and evaluate PDMCX's management), incur indebtedness, enter into agreements and commitments, and acquire and dispose of PDMCX's assets. In addition, as a result of the 50.01% variable interest the Company held during the current and prior year periods, the Company had the obligation to absorb losses, and the right to receive benefits, that could potentially be significant to PDMCX.

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REVENUE (Policies)	12 Months Ended Oct. 31, 2024
REVENUE [Abstract]	

Revenue

The Company's invoice terms generally range from net thirty to ninety days, depending on both the geographic market in which the transaction occurs and the Company's payment agreements with specific customers. In the event that the Company's evaluation of a customer's business prospects and financial condition indicate that the customer presents a collectability risk, the Company will modify terms of sale, which may require payment in advance of performance. At the time of adoption, the Company elected the practical expedient allowed under ASC Topic 606 "Revenue from Contracts with Customers" ("Topic 606") that permits the Company not to adjust a contract's promised amount of consideration to reflect a financing component when the period between when the Company transfers control of goods or services to customers and when the Company is paid is one year or less.

In instances when the Company is paid in advance of the Company's performance, the Company records a contract liability and, as allowed under the practical expedient in Topic 606, recognize interest expense only if the period between when the Company receives payment from the customer and the date when the Company expects to be entitled to the payment is greater than one year. Historically, advance payments the Company has received from customers have generally not preceded the completion of the Company's performance obligations by more than one year.

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SHARE-BASED COMPENSATION (Policies)	12 Months Ended Oct. 31, 2024
Stock Options [Abstract]	

Share-Based Compensation

Share-Based Compensation

We recognize share-based compensation expense on a straight-line basis over the requisite service period during which the awards are expected to vest. Share-based compensation expense includes the estimated effects of forfeitures, which are adjusted over the requisite service period to the extent actual forfeitures differ, or are expected to differ, from such estimates. Changes in estimated forfeitures are recognized in the period of change and will impact the amount of expense to be recognized in future periods. Determining the appropriate option pricing model, calculating the grant date fair value of share-based awards, and estimating forfeiture rates requires considerable judgment, including estimations of stock price volatility and the expected term of options granted.

We use the Black-Scholes option pricing model to value employee stock options. The Company estimates stock price volatility based on daily averages of the Company's common stock's historical volatility over a term approximately equal to the estimated time period the grant will remain outstanding. The expected term of options and forfeiture rate assumptions are derived from historical data.

Employee Stock Purchase Plan

Employee Stock Purchase Plan

The Company's Employee Stock Purchase Plan ("ESPP") permits employees to purchase Photronics, Inc. common shares at 85% of the lower of the closing market price at the commencement or ending date of the Plan year (which is approximately one year from the commencement date). The Company recognizes the ESPP expense over that same period. As of October 31, 2024, the maximum number of shares of common stock approved by the Company's shareholders to be purchased under the ESPP was 1.85 million shares, of which approximately 1.6 million shares had been issued through October 31, 2024. As of October 31, 2024, there is unrecognized compensation cost of $0.2 million.

Restricted Stock [Member]

Stock Options [Abstract]

Share-Based Compensation

Restricted Stock Awards

We periodically grant restricted stock awards, the restrictions on which typically lapse over a service period of one to four years. The fair values of the awards are determined on the date of grant, based on the closing stock price of the Company's common stock.

Employee Stock Option [Member]

Stock Options [Abstract]

Share-Based Compensation

Stock Options

Option awards generally vest in one to four years and have a ten-year contractual term. All incentive and non-qualified stock option grants must have an exercise price no less than the market value of the underlying common stock on the date of grant. The grant-date fair values of options are based on closing prices of the Company's common stock on the dates of grant and are calculated using the Black-Scholes option pricing model. Expected volatility is based on the historical volatility of the Company's common stock. The Company uses historical option exercise behavior and employee termination data to estimate expected term, which represents the period of time that options granted are expected to remain outstanding. The risk-free rate of return for the estimated term of an option is based on the U.S. Treasury yield curve in effect at the date of grant.

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INCOME TAXES (Policies)	12 Months Ended Oct. 31, 2024
INCOME TAXES [Abstract]	

Unremitted Earnings in Foreign Investment

Due to the Tax Cuts and Jobs Act, which was signed into law in December 2017, as of fiscal year end 2018, U.S. deferred taxes were no longer provided on the undistributed earnings of non-U.S. subsidiaries. Our policy to indefinitely reinvest these earnings in non-U.S. operations remains unchanged for the purpose of determining deferred tax liabilities for U.S. state and foreign withholding taxes. Therefore, should we elect in the future to repatriate the remaining foreign earnings deemed to be indefinitely reinvested, we may incur additional state and foreign withholding tax expense on those earnings, the amount of which is not practicable to compute.

Interest and Penalties Related to Uncertain Tax Positions

We include unrecognized tax benefits in *Other liabilities*, and we include any applicable interest and penalties related to uncertain tax positions in our income tax provision.

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FAIR VALUE MEASUREMENTS (Policies)	12 Months Ended Oct. 31, 2024
FAIR VALUE MEASUREMENTS [Abstract]	

Fair Value Financial Instruments

The accounting framework for determining fair value includes a hierarchy for ranking the quality and reliability of the information used to measure fair value, which enables the reader of the financial statements to assess the inputs used to develop those measurements. The fair value hierarchy consists of three tiers as follows:

Level 1- These are investments where values are based on unadjusted quoted prices for identical assets in an active market the Company has the ability to access.

Level 2- These are investments where values are based on quoted market prices that are not active or model derived valuations in which all significant inputs are observable in active markets.

Level 3- These are investments where values are derived from techniques in which one or more significant inputs are unobservable.

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Tables)	12 Months Ended Oct. 31, 2024
SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES [Abstract]	

Available-for-Sale Debt Securities and Time Deposits

The table below provides information on the Company's available-for-sale debt securities and time deposits classified as short-term investments.

	October 31, 2024				October 31, 2023			
	Amortized Cost	Unrealized Gains	Unrealized Losses	Carrying Value	Amortized Cost	Unrealized Gains	Unrealized Losses	Carrying Value
U.S. Government Securities[1]	$ -	$ -	$ -	$ -	$ 12,913	$ 4	$ (2)	$ 12,915
Time deposits	42,184	-	-	42,184	-	-	-	-
Total	$ 42,184	$ -	$ -	$ 42,184	$ 12,913	$ 4	$ (2)	$ 12,915

(1) Matured during 2024

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ACCOUNTS RECEIVABLE (Tables)

12 Months Ended
Oct. 31, 2024

ACCOUNTS RECEIVABLE [Abstract]

Accounts Receivable

The components of *Accounts Receivable* at the balance sheet dates are presented below.

	October 31, 2024	October 31, 2023
Accounts Receivable	$ 172,741	$ 171,433
Unbilled Receivable	29,215	24,593
Allowance for Credit Losses	(1,126)	(1,099)
	$ 200,830	$ 194,927

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OTHER CURRENT ASSETS (Tables)

12 Months Ended
Oct. 31, 2024

OTHER CURRENT ASSETS [Abstract]

Other Current Assets

Presented below are the components of *Other current assets* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Contract assets	$ 11,532	$ 10,984
Prepaid expenses	5,770	10,031
Recoverable value added taxes	2,684	2,312
Prepaid and refundable income taxes	1,875	2,489
Other [1]	11,175	2,537
	$ 33,036	$ 28,353

(1) The Company expects to receive refundable federal investment tax credits of $5 million through CHIPS Act in connection with the Company's ongoing expansion projects.

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INVENTORIES (Tables)

12 Months Ended
Oct. 31, 2024

INVENTORIES [Abstract]

Inventories

The components of *Inventories* at the balance sheet dates are presented below.

	October 31, 2024	October 31, 2023
Raw materials	$ 56,128	$ 48,948
Work in process	398	1,010
Finished goods	1	5
	$ 56,527	$ 49,963

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PROPERTY, PLANT AND EQUIPMENT, NET (Tables)

12 Months Ended
Oct. 31, 2024

PROPERTY, PLANT, AND EQUIPMENT, NET [Abstract]

Property, Plant and Equipment, Net

Presented below are the components of *Property, plant and equipment, net* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Land	$ 11,419	$ 11,378
Buildings and improvements	188,756	185,850
Machinery and equipment	1,990,610	1,922,041
Leasehold improvements	19,268	18,894
Furniture, fixtures, and office equipment	18,091	15,856
Construction in progress	91,213	55,434
	2,319,357	2,209,453
Accumulated depreciation and amortization	(1,574,100)	(1,500,209)
	$ 745,257	$ 709,244

Information on ROU Assets from Finance Leases

Information on ROU assets resulting from finance leases, at the balance sheet dates, is presented below.

	October 31, 2024	October 31, 2023
Machinery and equipment	$ 42,815	$ 42,820
Accumulated amortization	(10,522)	(7,655)
	$ 32,293	$ 35,165

Depreciation Expense

The following table presents depreciation expense (including the amortization of ROU assets) related to property, plant and equipment incurred during the reporting periods.

	Years Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Depreciation and amortization expense	$ 82,433	$ 80,472	$ 79,971

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PDMCX JOINT VENTURE (Tables)

12 Months Ended
Oct. 31, 2024

PDMCX JOINT VENTURE [Abstract]

Net Income Recorded from Operations

The following table presents net income the Company recorded from the operations of PDMCX during the reporting periods.

	Years Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Net income from PDMCX	$ 20,074	$ 25,098	$ 16,714

Carrying Amounts and Exposure to Loss Related to Assets and Liabilities

The following table presents the carrying amounts of PDMCX assets and liabilities included in the Company's consolidated balance sheets. General creditors of PDMCX do not have recourse to the assets of Photronics (other than the net assets of PDMCX); therefore, the Company's maximum exposure to loss from PDMCX is the Company's interest in the carrying amount of the net assets of the joint venture.

	October 31, 2024		October 31, 2023	
Classification	Carrying Amount	Photronics Interest	Carrying Amount	Photronics Interest
Current assets	$ 174,059	$ 87,047	$ 135,960	$ 67,994
Noncurrent assets	151,039	75,535	136,334	68,181
Total assets	325,098	162,582	272,294	136,175
Current liabilities	40,691	20,350	36,305	18,156
Noncurrent liabilities	3,320	1,660	1,873	937
Total liabilities	44,011	22,010	38,178	19,093
Net assets	$ 281,087	$ 140,572	$ 234,116	$ 117,082

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ACCRUED LIABILITIES (Tables)

12 Months Ended
Oct. 31, 2024

ACCRUED LIABILITIES [Abstract]

Accrued Liabilities

Presented below are the components of *Accrued liabilities* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Compensation related expenses	$ 31,188	$ 37,218
Income taxes	24,200	24,080
Contract liabilities	12,375	9,965
Value added and other taxes	2,837	3,523
Property, plant, and equipment	2,670	6,624
Operating leases	1,925	1,912
Telecommunications and utilities	1,040	1,311
Service Contracts	1,448	2,613
Other	9,439	7,332
Accrued liabilities	$ 87,122	$ 94,578

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DEBT (Tables)

12 Months Ended
Oct. 31, 2024

DEBT [Abstract]

Long-term Debt

As of October 31, 2024, the Current portion of long-term debt and the Long-term debt balances were comprised of finance leases as described below:

As of October 31, 2024	Finance Leases
Principal due:	
Next 12 months	$ 17,972
Months 13 – 24	$ 12
Months 25 – 36	12
Months 37 – 48	1
Months 49 – 60	-
Long-term debt	25
Total debt	$ 17,997
Interest rate at balance sheet date	N/A
Basis spread on interest rates	N/A
Interest rate reset	N/A
Maturity date	N/A
Periodic payment amount	Varies as Lease matures
Periodic payment frequency	Monthly
Loan collateral (carrying amount)	$ 32,293[1]

(1) Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests.

The table below provides information on the Company's long-term debt as of October 31, 2023.

As of October 31, 2023	Finance Leases
Principal due:	
Next 12 months	$ 6,621
Months 13 – 24	$ 17,972
Months 25 – 36	12
Months 37 – 48	13
Months 49 – 60	1
Long-term debt	17,998
Total debt	$ 24,619
Interest rate at balance sheet date	N/A
Basis spread on interest rates	N/A
Interest rate reset	N/A
Maturity date	N/A
Periodic payment amount	Varies as Lease matures
Periodic payment frequency	Monthly
Loan collateral (carrying amount)	$ 35,165[1]

(1) Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests.

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OTHER LIABILITIES (Tables)

12 Months Ended
Oct. 31, 2024

OTHER LIABILITIES [Abstract]

Other Liabilities

Presented below are the components of *Other liabilities* at the balance sheet dates.

	October 31, 2024	October 31, 2023
Unrecognized tax benefit	$ 14,720	$ 8,908
Post employment benefit	12,993	11,994
Contract liabilities	8,910	12,454
Tax payable	4,310	6,622
Operating lease	3,037	4,218
Other	3,494	3,195
Other liabilities	$ 47,464	$ 47,391

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REVENUE (Tables)

12 Months Ended
Oct. 31, 2024

REVENUE [Abstract]

Disaggregation of Revenue

The following tables present the Company's revenue for the years ended October 31, 2024, October 31, 2023, and October 31, 2022, disaggregated by product type, geographic origin, and timing of recognition.

	Year Ended		
Revenue by Product Type	October 31, 2024	October 31, 2023	October 31, 2022
IC			
High-end	$ 228,469	$ 194,939	$ 195,332
Mainstream	409,682	456,340	397,694
Total IC	$ 638,151	$ 651,279	$ 593,026
FPD			
High-end	$ 195,365	$ 200,842	$ 186,988
Mainstream	33,430	39,955	44,535
Total FPD	$ 228,795	$ 240,797	$ 231,523
	$ 866,946	$ 892,076	$ 824,549

	Year Ended		
Revenue by Geographic Origin*	October 31, 2024	October 31, 2023	October 31, 2022
Taiwan	$ 288,275	$ 316,889	$ 291,342
China	232,941	245,378	212,598
Korea	158,017	162,235	156,139
United States	146,652	128,879	126,205
Europe	39,244	36,579	36,402
Other	1,817	2,116	1,863
	$ 866,946	$ 892,076	$ 824,549

* This table disaggregates revenue by the location in which it was earned.

	Year Ended		
Revenue by Timing of Recognition	October 31, 2024	October 31, 2023	October 31, 2022
Over time	$ 831,500	$ 838,628	$ 758,359
At a point in time	35,446	53,448	66,190
	$ 866,946	$ 892,076	$ 824,549

Contract Balances

The following table provides information about the Company's contract balances at the balance sheet dates.

Classification	October 31, 2024	October 31, 2023
Contract Assets		
Other current assets	$ 11,532	$ 10,984
Contract Liabilities		
Accrued liabilities	$ 12,375	$ 9,965
Other liabilities	8,910	12,454
	$ 21,285	$ 22,419

The following table presents revenue recognized from contract liabilities that existed at the beginning of the reporting periods.

	October 31, 2024	October 31, 2023	October 31, 2022
Revenue recognized from beginning liability	$ 12,222	$ 13,966	$ 8,934

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LEASES (Tables)

12 Months Ended
Oct. 31, 2024

LEASES [Abstract]

Information on Operating and Finance Leases Included in Consolidated Balance Sheets

The following table provides information on operating and finance leases included in the Company's consolidated balance sheets.

Classification	October 31, 2024	October 31, 2023
ROU Assets – Operating Leases		
Other assets	$ 5,010	$ 6,189
ROU Assets – Finance Leases		
Property, plant and equipment, net	$ 32,293	$ 35,165
Lease Liabilities – Operating Leases		
Accrued liabilities	$ 1,925	$ 1,912
Other liabilities	3,037	4,218
	$ 4,962	$ 6,130
Lease Liabilities – Finance Leases		
Current portion of long-term debt	$ 17,972	$ 6,621
Long-term debt	25	17,998
	$ 17,997	$ 24,619

Future Lease Payments under Noncancelable Operating and Finance Leases

The following table presents future lease payments under noncancelable operating and finance leases as of October 31, 2024. Imputed interest represents the difference between undiscounted cash flows and discounted cash flows.

Fiscal Year	Operating Leases	Finance Leases
2025	$ 2,039	18,027
2026	1,651	13
2027	1,228	13
2028	267	1
2029 and thereafter	6	-
Total lease payments	$ 5,191	18,054
Imputed interest	(229)	(57)
Lease liabilities	$ 4,962	17,997

Lease Costs

The following table presents lease costs for 2024, 2023, and 2022.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Operating lease costs	$ 2,255	$ 2,278	$ 2,253
Short-term lease costs	$ 1,273	$ 462	$ 469
Variable lease costs	$ 595	$ 656	$ 603
Interest on finance lease	$ 330	$ 426	$ 522
Amortization of ROU assets	$ 2,950	$ 2,870	$ 2,917

Weighted-Average Remaining Lease Terms And Weighted-Average Discount Rates

The following table presents statistical information related to the Company's operating and finance leases. The information presented is as of the balance sheet dates.

	October 31, 2024		October 31, 2023	
Classification	Weighted-average remaining lease term (in years)	Weighted-average discount rate	Weighted-average remaining lease term (in years)	Weighted-average discount rate
Operating leases	2.8	3.2%	3.7	2.4%
Finance leases	0.2	1.5%	1.2	1.5%

Cash and Non-cash Information Related to Leases

The following table presents the effects of leases on the Company's 2024, 2023, and 2022 consolidated statements of cash flows, and provides leases-related non-cash information for those years.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Operating cash flows used for operating leases	$ 2,241	$ 2,271	$ 2,259
Operating cash flows used for finance leases	$ 330	$ 429	$ 566
Financing cash flows used for finance leases	$ 6,621	$ 6,521	$ 7,289
ROU assets obtained in exchange for operating lease obligations	$ 842	$ 5,116	$ 513

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SHARE-BASED COMPENSATION (Tables)

12 Months Ended
Oct. 31, 2024

SHARE-BASED COMPENSATION [Abstract]

Share-based Compensation Expenses

The table below presents information on the Company's share-based compensation expenses for the three most recent fiscal years.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Expense reported in:			
Cost of goods sold	$ 2,704	$ 1,259	$ 868
Selling, general, and administrative	10,124	5,962	4,803
Research and development	1,062	780	637
Total expense incurred	$ 13,890	$ 8,001	$ 6,308
Expense by award type:			
Restricted stock awards *	$ 13,868	$ 7,909	$ 5,800
Stock options	-	1	298
Employee stock purchase plan	22	91	210
Total expense incurred	$ 13,890	$ 8,001	$ 6,308
Income tax benefits of share-based compensation	$ 1,156	$ 715	$ 449

* During the year ended October 31, 2024, upon the departure of two executives from the Company and in accordance with the terms of their separation agreements, previously granted time-vesting restricted stock awards accelerated vesting. The Company accounted for the effects of the accelerated vesting of these stock awards as a modification, and recognized $1.2 million of incremental stock-based compensation for the acceleration of restricted stock awards, within selling, general and administrative expenses on the Consolidated Statements of Income for the year ended October 31, 2024.

Restricted Stock Awards Activity

A summary of restricted stock award activity during 2024 and the status of the Company's restricted stock awards as of October 31, 2024, is presented below.

Restricted Stock	Shares	Weighted-Average Fair Value at Grant Date
Outstanding at October 31, 2023	1,238,297	$ 16.27
Granted	865,050	29.50
Vested	(550,069)	17.74
Cancelled	(129,676)	21.90
Outstanding at October 31, 2024	1,423,602	23.23
Expected to vest as of October 31, 2024	1,292,883	23.14

Additional Information on Restricted Stock Awards

The table below presents additional information on the Company's restricted stock awards for the three most recent fiscal years.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Number of shares granted	865,050	791,925	654,224
Weighted-average grant-date fair value of awards (in dollars per share)	$ 29.50	$ 16.84	$ 18.73
Compensation costs not yet recognized	$ 21,303	$ 12,760	$ 8,949
Weighted-average amortization period (in years)	2.8	2.8	2.7
Fair value of awards for which restrictions lapsed	$ 9,755	$ 6,256	$ 5,212
Shares outstanding at balance sheet date	1,423,602	1,238,297	893,704

Stock Options Activity

The table below presents a summary of stock options activity during 2024 and information on stock options outstanding at October 31, 2024.

	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Life	Aggregate Intrinsic Value
Outstanding at October 31, 2023	472,275	$ 10.18		
Granted	-	$ -		
Exercised	(191,650)	$ 9.86		
Cancellations, forfeitures, and adjustments	(3,000)	$ 10.43		
Outstanding at October 31, 2024	277,625	$ 10.39	1.94 years	$ 3,445
Exercisable at October 31, 2024	277,625	$ 10.39	1.94 years	$ 3,445
Expected to vest as of October 31, 2024	-	$ -	- years	$ -

Additional Information on Stock Option Awards

The table below presents additional information on stock option awards for the three most recent fiscal years.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Number of options granted in period	-	-	-
Total intrinsic value of options exercised	$ 2,981	$ 1,654	$ 5,108
Cash received from option exercises	$ 1,888	$ 1,101	$ 5,275
Compensation cost not yet recognized	$ -	$ -	$ 13
Weighted-average amortization period for cost not yet recognized (in years)	-	-	0.2

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INCOME TAXES (Tables)

12 Months Ended Oct. 31, 2024

INCOME TAXES [Abstract]

Income Before Income Tax Provision for Domestic and Foreign

Income before the income tax provisions consists of the following:

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
United States	$ 20,145	$ (1,737)	$ 1,813
Foreign	227,270	271,683	237,220
	$ 247,415	$ 269,946	$ 239,033

Income Tax Provision

The components of our income tax provisions are presented below.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Current:			
Federal	$ -	$ -	$ -
State	95	14	1
Foreign	64,861	71,225	58,981
	64,956	71,239	58,982
Deferred:			
Federal	-	-	-
State	13	12	10
Foreign	(1,402)	(939)	799
	(1,389)	(927)	809
Total	$ 63,567	$ 70,312	$ 59,791

Income Tax Rate Reconciliation

The table below presents a reconciliation of income taxes calculated by applying the statutory U.S. federal income tax rate to our income tax provisions of the reporting periods.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
U.S. federal income tax at statutory rate	$ 51,957	$ 56,689	$ 50,197
Changes in valuation allowance	(1,986)	(256)	(1,462)
Foreign rate differential	10,695	11,394	7,941
Tax credits	(5,209)	(2,425)	(1,368)
Uncertain tax positions, including reserves, settlements and resolutions	6,226	3,328	3,214
Other, net	1,884	1,582	1,269
Income tax provision	$ 63,567	$ 70,312	$ 59,791

Reporting Period	U.S. Statutory Tax Rates	Photronics Effective Tax Rates	Primary Reasons for Differences
2024	21.0%	25.7%	Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, the establishment of uncertain tax positions in non-U.S. jurisdiction and loss jurisdiction pre-tax losses not being benefited due to valuation allowances.
2023	21.0%	26.0%	Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, the establishment of uncertain tax positions in non-U.S. jurisdiction and loss jurisdiction pre-tax losses not being benefited due to valuation allowances.
2022	21.0%	25.0%	Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions; and the establishment of uncertain tax positions in non-U.S. jurisdiction.

Net Deferred Income Tax Assets

The net deferred income tax assets consist of the following:

	As of	
	October 31, 2024	October 31, 2023
Deferred income tax assets		
Net operating losses	$ 18,941	$ 26,377
Reserves not currently deductible	9,892	8,776
Tax credit carryforwards	12,550	10,442
Share-based compensation	3,102	1,892
Property, plant and equipment	10,710	9,844
Research intangibles	2,721	-
Lease liabilities	4,116	5,743
	62,032	63,074
Valuation allowances	(30,633)	(32,619)
	31,399	30,455
Deferred income tax liabilities		
ROU assets	(7,351)	(8,193)
Other	(1,458)	(1,200)
	(8,809)	(9,393)
Net deferred income tax assets	$ 22,590	$ 21,062
Classification		
Deferred income tax assets	$ 23,059	$ 21,297
Other liabilities	(469)	(235)
	$ 22,590	$ 21,062

Operating Loss Carryforwards

The following tables present our available operating loss and credit carryforwards as of October 31, 2024, and their related expiration periods.

Operating Loss Carryforwards	Amount	Expiration Period
Federal	$ 55,729	2030-Indefinite
State	$ 135,736	2025-Indefinite
Foreign	$ 165	2025-2034

Tax Credit Carryforwards

Tax Credit Carryforwards	Amount	Expiration Period

Federal research and development	$	6,042	2025-2044
Federal 48D credit	$	2,276	2043-2044
State	$	5,357	2025-2038

Reconciliation of Beginning and Ending Amounts of Unrecognized Tax Benefits

A reconciliation of the beginning and ending amounts of unrecognized tax benefits is presented below. The amounts in the table include settlements of non-U.S. audits.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Balance at beginning of year before interest and penalties	$ 8,332	$ 5,204	$ 3,534
(Reductions) additions of tax positions in prior years	86	209	(355)
Additions based on current year tax positions	6,139	3,361	2,892
Settlements	(835)	(423)	(848)
Lapses of statutes of limitations	(30)	(19)	(19)
Balance at end of year before interest and penalties	13,692	8,332	5,204
Interest and penalties	1,028	576	395
Balance at end of year including interest and penalties	$ 14,720	$ 8,908	$ 5,599

Unrecognized Tax Benefits

The following table presents additional information on our uncertain tax positions, as of the balance sheet dates.

	October 31, 2024	October 31, 2023
Unrecognized tax benefits that, if recognized, would impact the effective tax rate	$ 14,720	$ 8,908
Accrued interest and penalties related to uncertain tax positions	$ 1,028	$ 576

Income Tax Payments and Refunds

The table below presents income taxes paid and refunds of income taxes received during the reporting periods.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Income taxes paid	$ 62,520	$ 70,362	$ 37,770
Income tax refunds received	$ 2,519	$ 485	$ 388

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EARNINGS PER SHARE (Tables)

12 Months Ended
Oct. 31, 2024

EARNINGS PER SHARE [Abstract]

Calculation of Basic and Diluted Earnings Per Share

The calculation of basic and diluted earnings per share is presented below.

	Year Ended		
(in thousands, except for per share data)	October 31, 2024	October 31, 2023	October 31, 2022
Net income attributable to Photronics, Inc. shareholders	$ 130,688	$ 125,485	$ 118,786
Effect of dilutive securities	-	-	-
Earnings used for diluted earnings per share	$ 130,688	$ 125,485	$ 118,786
Weighted-average common shares outstanding:			
Basic	61,726	61,139	60,559
Effect of dilutive securities:			
Share-based payment awards	665	616	630
Potentially dilutive common shares	665	616	630
Weighted-average common shares-Diluted	62,391	61,755	61,189
Earnings per share:			
Net Income attributable to Photronics shareholders - Basic	$ 2.12	$ 2.05	$ 1.96
Net Income attributable to Photronics shareholders - Diluted	$ 2.09	$ 2.03	$ 1.94

Outstanding Securities Excluded from Calculation of Diluted Earnings or Loss Per Share

The table below sets forth the outstanding weighted-average share-based payment awards that were excluded from the calculation of diluted earnings per share because their exercise price exceeded the average market value of the common shares for the period or, under application of the treasury stock method, they were otherwise determined to be antidilutive.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Share based payment awards	371	136	314
Total potentially dilutive shares excluded	371	136	314

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COMMITMENTS AND CONTINGENCIES (Tables)

12 Months Ended
Oct. 31, 2024

COMMITMENTS AND CONTINGENCIES [Abstract]

Unrecognized Commitments

Presented below are the Company's unrecognized unconditional purchase obligations, which are mainly payments for the acquisition of property, plant and equipment, with a remaining term in excess of one year as of October 31, 2024. The amounts below do not include the Company's commitments under the Company's debt and lease arrangements, which are presented in Notes 8 and 11, respectively.

Fiscal Year	Unrecognized Commitments
2025	$ 70,992
2026	3,052
2027	1
2028	1
2029	-
Thereafter	-
Total	$ 74,046

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CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT (Tables)

12 Months Ended
Oct. 31, 2024

CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT [Abstract]

Changes in Accumulated Other Comprehensive (Loss) Income by Component

The following tables set forth the changes in the Company's accumulated other comprehensive (loss) income by component (net of tax of $0) for the years ended October 31, 2024, and October 31, 2023.

	Year Ended October 31, 2024		
	Foreign Currency Translation Adjustments	Other	Total
Balance at October 31, 2023	$ (88,044)	$ (690)	$ (88,734)
Other comprehensive income (loss)	8,630	(81)	8,549
Other comprehensive (loss) income attributable to noncontrolling interests	(6,173)	39	(6,134)
Balance at October 31, 2024	$ (85,587)	$ (732)	$ (86,319)

	Year Ended October 31, 2023		
	Foreign Currency Translation Adjustments	Other	Total
Balance at October 31, 2022	$ (97,790)	$ (666)	$ (98,456)
Other comprehensive income (loss)	5,615	(3)	5,612
Other comprehensive income (loss) attributable to noncontrolling interests	4,131	(21)	4,110
Balance at October 31, 2023	$ (88,044)	$ (690)	$ (88,734)

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RISKS AND CONCENTRATIONS

12 Months Ended

(Tables) **Oct. 31, 2024**

Concentration Risk [Line Items]

Long-Lived Assets by Geographic Area

As of the balance sheet dates, the Company's long-lived assets and net assets were, by geographic area, as presented below.

	October 31, 2024		October 31, 2023	
	Long-lived Assets	Net Assets	Long-lived Assets	Net Assets
China	$ 256,072	$ 379,460	$ 249,357	$ 317,409
Europe and Other	7,010	(420)	7,294	(2,175)
United States	144,634	217,890	140,733	188,712
Korea	123,631	315,597	119,438	281,941
Taiwan	213,910	568,232	199,313	489,722
	$ 745,257	$ 1,480,759	$ 716,135	$ 1,275,609

Accounts Receivable [Member]

Concentration Risk [Line Items]

Concentration of Risk Factor

The following table presents the percentages of the Company's net accounts receivable attributable to customers that accounted for more than ten percent of the total balance as of the balance sheet dates.

	October 31, 2024	October 31, 2023
Customer A	19.2%	21%
Customer B	14.6%	10%

Revenue [Member]

Concentration Risk [Line Items]

Concentration of Risk Factor

The following table presents the percentages of the Company's revenue attributable to customers that accounted for more than ten percent of the total revenue during the reporting periods.

	Year Ended		
	October 31, 2024	October 31, 2023	October 31, 2022
Customer A	15%	14%	15%
Customer B	12%	10%	11%
Customer C	9%	13%	5%

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FAIR VALUE MEASUREMENTS (Tables) **12 Months Ended**

Oct. 31, 2024

FAIR VALUE MEASUREMENTS [Abstract]

Assets Measured at Fair Value on Recurring Basis

The following are the major categories of assets measured at fair value on a recurring basis using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2) and significant unobservable inputs (Level 3):

	October 31, 2024				October 31, 2023			
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
U.S. Government Securities	$ -	$ -	$ -	$ -	$ 12,915	$ -	$ -	$ 12,915
Time deposits	-	42,184	-	42,184	-	-	-	-
Money market funds	36,322	-	-	36,322	19,187	-	-	19,187
Total	$ 36,322	$ 42,184	$ -	$ 78,506	$ 32,102	$ -	$ -	$ 32,102

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SHARE REPURCHASE PROGRAMS (Tables) **12 Months Ended**

Oct. 31, 2024

SHARE REPURCHASE PROGRAMS [Abstract]

Shares Repurchase Programs

The table below presents information on the repurchase programs for the three most recent fiscal years.

	2024 Purchases	2023 Purchases	2022 Purchases
Number of shares repurchased	-	-	187
Cost of shares repurchased	$ -	$ -	$ 2,522
Average price paid per share	$ -	$ -	$ 13.43

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Business (Details) **12 Months Ended**

Oct. 31, 2024

Facility

Manufacturing Facilities [Abstract]

Number of manufacturing facilities 11

Taiwan [Member]

Manufacturing Facilities [Abstract]

Number of manufacturing facilities 3

China [Member]

Manufacturing Facilities [Abstract]

Number of manufacturing facilities 2

Korea [Member]

Manufacturing Facilities [Abstract]

Number of manufacturing facilities 1

United States [Member]

Manufacturing Facilities [Abstract]

Number of manufacturing facilities 3

Europe [Member]

Manufacturing Facilities [Abstract]

Number of manufacturing facilities 2

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Principles of Consolidation (Details) **Oct. 31, 2024**

Principles of Consolidation [Abstract]

Percentage of ownership interest in subsidiaries 100.00%

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Restricted Cash (Details) - USD ($) $ in Thousands **Oct. 31, 2024** **Oct. 31, 2023** **Oct. 31, 2022**

Restricted Cash [Abstract]

Restricted cash $ 2,758 $ 2,575 $ 2,729

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, **Oct. 31, 2024** **Oct. 31, 2023**

Investments (Details) - USD ($) $ in Thousands			
Available-for-sale [Abstract]			
Amortized cost		$ 42,184	$ 12,913
Unrealized gains		0	4
Unrealized losses		0	(2)
Carrying Value		42,184	12,915
Time Deposits [Member]			
Available-for-sale [Abstract]			
Amortized cost		42,184	0
Unrealized gains		0	0
Unrealized losses		0	0
Carrying Value		42,184	0
U.S. Government Securities [Member]			
Available-for-sale [Abstract]			
Amortized cost	[1]	0	12,913
Unrealized gains	[1]	0	4
Unrealized losses	[1]	0	(2)
Carrying Value	[1]	$ 0	$ 12,915

[1] Matured during 2024

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Property, Plant and Equipment, Net (Details)	Oct. 31, 2024
Buildings and Improvements [Member] | Minimum [Member]	
Property, Plant and Equipment [Abstract]	
Estimated useful lives	10 years
Buildings and Improvements [Member] | Maximum [Member]	
Property, Plant and Equipment [Abstract]	
Estimated useful lives	39 years
Machinery and Equipment [Member] | Minimum [Member]	
Property, Plant and Equipment [Abstract]	
Estimated useful lives	5 years
Machinery and Equipment [Member] | Maximum [Member]	
Property, Plant and Equipment [Abstract]	
Estimated useful lives	15 years
Furniture, Fixtures and Office Equipment [Member] | Minimum [Member]	
Property, Plant and Equipment [Abstract]	
Estimated useful lives	3 years
Furniture, Fixtures and Office Equipment [Member] | Maximum [Member]	
Property, Plant and Equipment [Abstract]	
Estimated useful lives	5 years

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Revenue Recognition (Details) - USD ($) $ in Millions	12 Months Ended	
	Oct. 31, 2024	Oct. 31, 2023
Contract with Customer, Asset and Liability [Abstract]		
Impairment loss on contract assets	$ 0	$ 0
Impairment loss on accounts receivable	$ 0	$ 0
Minimum [Member]		
Product Warranty [Abstract]		
Product warranty period	1 month	
Maximum [Member]		
Product Warranty [Abstract]		
Product warranty period	24 months	
IC [Member] | Minimum [Member]		
Backlog of Orders [Abstract]		
Customer order, expected satisfaction period	7 days	
Customer order, extended satisfaction period	2 months	
IC [Member] | Maximum [Member]		
Backlog of Orders [Abstract]		
Customer order, expected satisfaction period	14 days	
Customer order, extended satisfaction period	3 months	
FPD [Member] | Minimum [Member]		
Backlog of Orders [Abstract]		
Customer order, expected satisfaction period	14 days	
FPD [Member] | Maximum [Member]		
Backlog of Orders [Abstract]		
Customer order, expected satisfaction period	21 days	

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Research and Development (Details) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Research and Development Expense [Abstract]			
Research and development expenses	$ 16,576	$ 13,654	$ 18,341

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Government Grants (Details) $ in Millions	12 Months Ended
	Oct. 31, 2024 USD ($)
Government Grants [Abstract]	
Decrease in property and equipment, net	$ (5.0)

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SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Variable	12 Months Ended
	Oct. 31, 2024

Interest Entities (Details)	
Minimum [Member] | Photronics and DNP [Member]	
Variable Interest Entities [Abstract]	
Ownership percentage	20.00%

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ACCOUNTS RECEIVABLE (Details) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
ACCOUNTS RECEIVABLE [Abstract]		
Accounts Receivable	$ 172,741	$ 171,433
Unbilled Receivable	29,215	24,593
Allowance for Credit Losses	(1,126)	(1,099)
Total	$ 200,830	$ 194,927

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OTHER CURRENT ASSETS (Details) - USD ($) $ in Thousands		Oct. 31, 2024	Oct. 31, 2023
OTHER CURRENT ASSETS [Abstract]			
Contract assets		$ 11,532	$ 10,984
Prepaid expenses		5,770	10,031
Recoverable value added taxes		2,684	2,312
Prepaid and refundable income taxes		1,875	2,489
Other	[1]	11,175	2,537
Total other current assets		33,036	$ 28,353
Expected tax credits receivable		$ 5,000	

[1] The Company expects to receive refundable federal investment tax credits of $5 million through CHIPS Act in connection with the Company's ongoing expansion projects.

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INVENTORIES (Details) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
INVENTORIES [Abstract]		
Raw materials	$ 56,128	$ 48,948
Work in process	398	1,010
Finished goods	1	5
Inventories	$ 56,527	$ 49,963

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PROPERTY, PLANT AND EQUIPMENT, NET (Details) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Property, plant and equipment [Abstract]			
Property, plant and equipment, gross	$ 2,319,357	$ 2,209,453	
Accumulated depreciation and amortization	(1,574,100)	(1,500,209)	
Property, plant and equipment, net	745,257	709,244	
Finance lease, Right-of-use asset [Abstract]			
Finance lease, right-of-use asset, gross	42,815	42,820	
Accumulated amortization	(10,522)	(7,655)	
Finance lease, right-of-use asset, net	32,293	35,165	
Depreciation Expense [Abstract]			
Depreciation and amortization expense	82,433	80,472	$ 79,971
Land [Member]			
Property, plant and equipment [Abstract]			
Property, plant and equipment, gross	11,419	11,378	
Buildings and Improvements [Member]			
Property, plant and equipment [Abstract]			
Property, plant and equipment, gross	188,756	185,850	
Machinery and Equipment [Member]			
Property, plant and equipment [Abstract]			
Property, plant and equipment, gross	1,990,610	1,922,041	
Leasehold Improvements [Member]			
Property, plant and equipment [Abstract]			
Property, plant and equipment, gross	19,268	18,894	
Furniture, Fixtures and Office Equipment [Member]			
Property, plant and equipment [Abstract]			
Property, plant and equipment, gross	18,091	15,856	
Construction in Progress [Member]			
Property, plant and equipment [Abstract]			
Property, plant and equipment, gross	$ 91,213	$ 55,434	

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PDMCX JOINT VENTURE, VIE (Details) - USD ($) $ in Thousands	1 Months Ended	12 Months Ended		
	Jan. 31, 2018	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Variable Interest Entity [Abstract]				
Long-term debt		$ 25	$ 17,998	
Photronics and DNP [Member]				
Variable Interest Entity [Abstract]				
Period before put or purchase option can be exercised		6 months		
Number of business days for obtaining required approvals and clearance for exiting party		3 days		
Net Income (Loss) from Operations [Abstract]				
Net income from PDMCX		$ 20,074	25,098	$ 16,714
Photronics and DNP [Member] | Minimum [Member]				
Variable Interest Entity [Abstract]				
Ownership percentage		20.00%		
PDMCX [Member]				
Variable Interest Entity [Abstract]				
Long-term debt			$ 0	
Photronics Interest [Member]				
Variable Interest Entity [Abstract]				
Ownership percentage		50.01%		
DNP [Member]				
Variable Interest Entity [Abstract]				
Ownership percentage	49.99%			

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PDMCX JOINT VENTURE, Carrying	

Amounts of Assets and Liabilities (Details) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
Carrying amounts of assets and liabilities [Abstract]		
Current assets	$ 931,062	$ 785,450
Total assets	1,712,059	1,526,221
Current liabilities	183,811	185,223
Total liabilities	231,300	250,612
Net assets	1,480,759	1,275,609
Carrying Amount [Member]		
Carrying amounts of assets and liabilities [Abstract]		
Current assets	174,059	135,960
Noncurrent assets	151,039	136,334
Total assets	325,098	272,294
Current liabilities	40,691	36,305
Noncurrent liabilities	3,320	1,873
Total liabilities	44,011	38,178
Net assets	281,087	234,116
Photronics Interest [Member]		
Carrying amounts of assets and liabilities [Abstract]		
Current assets	87,047	67,994
Noncurrent assets	75,535	68,181
Total assets	162,582	136,175
Current liabilities	20,350	18,156
Noncurrent liabilities	1,660	937
Total liabilities	22,010	19,093
Net assets	$ 140,572	$ 117,082

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ACCRUED LIABILITIES (Details) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
ACCRUED LIABILITIES [Abstract]		
Compensation related expenses	$ 31,188	$ 37,218
Income taxes	24,200	24,080
Contract liabilities	12,375	9,965
Value added and other taxes	2,837	3,523
Property, plant, and equipment	2,670	6,624
Operating leases	1,925	1,912
Telecommunications and utilities	1,040	1,311
Service Contracts	1,448	2,613
Other	9,439	7,332
Accrued liabilities	$ 87,122	$ 94,578

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DEBT, Long-term Debt (Details) - USD ($) $ in Thousands	12 Months Ended		
		Oct. 31, 2024	Oct. 31, 2023
Long-term debt [Abstract]			
Long-term debt		$ 25	$ 17,998
Finance Leases [Member]			
Long Term Debt Maturing In Year One [Abstract]			
Next 12 months		17,972	6,621
Long-term debt [Abstract]			
Months 13 - 24		12	17,972
Months 25 - 36		12	12
Months 37 - 48		1	13
Months 49 - 60		0	1
Long-term debt		25	17,998
Total debt		$ 17,997	$ 24,619
Periodic payment amount		Varies as Lease matures	Varies as Lease matures
Periodic payment frequency		Monthly	Monthly
Loan collateral (carrying amount)	[1]	$ 32,293	$ 35,165

[1] Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests.

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DEBT, Finance Leases (Details) - USD ($) $ in Thousands	1 Months Ended				
	Feb. 28, 2021	Jan. 31, 2021	Oct. 31, 2024	Oct. 31, 2023	Dec. 31, 2020
Debt Instruments [Abstract]					
Finance lease amount			$ 17,997	$ 24,619	
$7.2 Million Finance Lease [Member]					
Debt Instruments [Abstract]					
Finance lease contract term			5 years		
Finance lease amount	$ 7,200				
Early buyout option to purchase tool	2,400				
$7.2 Million Finance Lease [Member] | Monthly [Member]					
Debt Instruments [Abstract]					
Finance lease monthly payments	$ 100				
$35.5 Million Finance Lease [Member]					
Debt Instruments [Abstract]					
Finance lease contract term			5 years		
Finance lease amount					$ 35,500
Early buyout option to purchase tool		$ 14,100			
$35.5 Million Finance Lease [Member] | First Three Months [Member]					
Debt Instruments [Abstract]					
Finance lease monthly payments		40			
$35.5 Million Finance Lease [Member] | Following Nine Months [Member]					
Debt Instruments [Abstract]					
Finance lease monthly payments		600			
$35.5 Million Finance Lease [Member] | Forty Eight Months [Member]					
Debt Instruments [Abstract]					
Finance lease monthly payments		500			
$35.5 Million Finance Lease [Member] | Minimum [Member]					
Debt Instruments [Abstract]					
Outstanding committed balance for cross default provision		$ 5,000			

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DEBT, Xiamen Project Loans (Details) - Xiamen Project Loans	1 Months Ended

[Member] ¥ in Millions, $ in Millions	Feb. 28, 2023 USD ($)	Feb. 28, 2023 CNY (¥)	Oct. 31, 2024 USD ($)	Nov. 30, 2018 CNY (¥)
Project Loans [Abstract]				
Maximum borrowing capacity | ¥				¥ 345.0
Repayments of long-term debt	$ 3.9	¥ 26.4		
Amount outstanding | $			$ 0.0	

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DEBT, Xiamen Working Capital Loans (Details) - Xiamen Working Capital Loans [Member] ¥ in Millions, $ in Millions	1 Months Ended		12 Months Ended			
	Dec. 31, 2022 USD ($)	Dec. 31, 2022 CNY (¥)	Oct. 31, 2024 USD ($)	Oct. 31, 2024 CNY (¥)	Nov. 30, 2018 USD ($)	Nov. 30, 2018 CNY (¥)
Debt Instruments [Abstract]						
Maximum borrowing capacity			$ 28.1	¥ 200.0	$ 25.0	¥ 200.0
Expiration date			Jul. 31, 2025			
Repayments of long-term debt	$ 3.6	¥ 25.6				
Amount outstanding			$ 0.0			

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DEBT, Corporate Credit Agreement (Details) - Corporate Credit Agreement [Member] - USD ($) $ in Millions	12 Months Ended	
	Oct. 31, 2024	Sep. 30, 2018
Debt Instruments [Abstract]		
Term of loan	5 years	
Current borrowing capacity		$ 50
Maximum borrowing capacity		100
Cash limit for dividends, distributions and redemption on equity		$ 50
Amount outstanding	$ 0	

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DEBT, Interest Paid for Debt (Details) - USD ($) $ in Millions	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Interest Paid [Abstract]			
Interest payments	$ 0.3	$ 0.5	$ 2.8
Weighted-average interest rate	1.50%	1.50%	

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OTHER LIABILITIES (Details) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
OTHER LIABILITIES [Abstract]		
Unrecognized tax benefit	$ 14,720	$ 8,908
Post employment benefit	12,993	11,994
Contract liabilities	8,910	12,454
Tax payable	4,310	6,622
Operating lease	3,037	4,218
Other	3,494	3,195
Other liabilities	$ 47,464	$ 47,391

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REVENUE, Disaggregation of Revenue (Details) - USD ($) $ in Thousands		12 Months Ended		
		Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Disaggregation of Revenue [Abstract]				
Revenue	[1]	$ 866,946	$ 892,076	$ 824,549
IC [Member]				
Disaggregation of Revenue [Abstract]				
Revenue		638,151	651,279	593,026
High-end [Member]				
Disaggregation of Revenue [Abstract]				
Revenue		228,469	194,939	195,332
Mainstream [Member]				
Disaggregation of Revenue [Abstract]				
Revenue		409,682	456,340	397,694
FPD [Member]				
Disaggregation of Revenue [Abstract]				
Revenue		228,795	240,797	231,523
High-end [Member]				
Disaggregation of Revenue [Abstract]				
Revenue		195,365	200,842	186,988
Mainstream [Member]				
Disaggregation of Revenue [Abstract]				
Revenue		33,430	39,955	44,535
Taiwan [Member]				
Disaggregation of Revenue [Abstract]				
Revenue	[1]	288,275	316,889	291,342
China [Member]				
Disaggregation of Revenue [Abstract]				
Revenue	[1]	232,941	245,378	212,598
Korea [Member]				
Disaggregation of Revenue [Abstract]				
Revenue	[1]	158,017	162,235	156,139
United States [Member]				
Disaggregation of Revenue [Abstract]				
Revenue	[1]	146,652	128,879	126,205
Europe [Member]				
Disaggregation of Revenue [Abstract]				
Revenue	[1]	39,244	36,579	36,402
Other [Member]				
Disaggregation of Revenue [Abstract]				
Revenue	[1]	1,817	2,116	1,863
Over Time [Member]				
Disaggregation of Revenue [Abstract]				
Revenue		831,500	838,628	758,359

At a Point in Time [Member]

Disaggregation of Revenue [Abstract]			
Revenue	$ 35,446	$ 53,448	$ 66,190

[1] This table disaggregates revenue by the location in which it was earned.

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REVENUE, Contract Assets, Liabilities and Accounts Receivable (Details) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Contract with Customer, Asset and Liability [Abstract]			
Contract liabilities	$ 21,285	$ 22,419	
Change in Contract with Customer, Liability [Abstract]			
Revenue recognized from beginning liability	12,222	13,966	$ 8,934
Other Current Assets [Member]			
Contract with Customer, Asset and Liability [Abstract]			
Contract assets	11,532	10,984	
Accrued Liabilities [Member]			
Contract with Customer, Asset and Liability [Abstract]			
Contract liabilities	12,375	9,965	
Other Liabilities [Member]			
Contract with Customer, Asset and Liability [Abstract]			
Contract liabilities	$ 8,910	$ 12,454	
Minimum [Member]			
Revenue, Performance Obligation [Abstract]			
Product invoice term	30 days		
Maximum [Member]			
Revenue, Performance Obligation [Abstract]			
Product invoice term	90 days		

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LEASES, Information on Operating and Finance Leases included on Balance Sheet (Details) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
Operating and Finance Leases included in Consolidated Balance Sheets [Abstract]		
ROU Assets - Operating Leases	$ 5,010	$ 6,189
Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List]	Other Assets, Noncurrent	Other Assets, Noncurrent
ROU Assets - Finance Leases	$ 32,293	$ 35,165
Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List]	Property, Plant and Equipment, Net	Property, Plant and Equipment, Net
Operating Lease Liability [Abstract]		
Operating Lease Liability - Current	$ 1,925	$ 1,912
Operating Lease, Liability, Current, Statement of Financial Position [Extensible List]	Accrued Liabilities, Current	Accrued Liabilities, Current
Operating Lease Liability, Noncurrent	$ 3,037	$ 4,218
Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List]	Other Liabilities, Noncurrent	Other Liabilities, Noncurrent
Lease Liabilities - Operating Leases	$ 4,962	$ 6,130
Finance Lease Liability [Abstract]		
Finance Lease Liability, Current	$ 17,972	$ 6,621
Finance Lease, Liability, Current, Statement of Financial Position [Extensible List]	Long-Term Debt and Lease Obligation, Current	Long-Term Debt and Lease Obligation, Current
Finance Lease Liability, Noncurrent	$ 25	$ 17,998
Finance Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List]	Long-Term Debt and Lease Obligation	Long-Term Debt and Lease Obligation
Lease Liabilities - Finance Leases	$ 17,997	$ 24,619

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LEASES, Future Lease Payments Under Noncancelable Operating and Finance Leases (Details) - USD ($) $ in Thousands	Oct. 31, 2024	Oct. 31, 2023
Future Lease Payments Under Noncancelable Operating Leases [Abstract]		
2025	$ 2,039	
2026	1,651	
2027	1,228	
2028	267	
2029 and thereafter	6	
Total lease payments	5,191	
Imputed interest	(229)	
Operating lease liabilities	4,962	$ 6,130
Future Lease Payments Under Noncancelable Finance Leases [Abstract]		
2025	18,027	
2026	13	
2027	13	
2028	1	
2029 and thereafter	0	
Total lease payments	18,054	
Imputed interest	(57)	
Finance lease liabilities	$ 17,997	$ 24,619

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LEASES, Lease Cost (Details) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Lease, Cost [Abstract]			
Operating lease costs	$ 2,255	$ 2,278	$ 2,253
Short-term lease costs	1,273	462	469
Variable lease costs	595	656	603
Interest on finance lease	330	426	522
Amortization of ROU assets	$ 2,950	$ 2,870	$ 2,917

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LEASES, Operating and Finance Leases (Details) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Weighted Average Remaining Lease Terms, Discount Rates [Abstract]			
Operating leases, Weighted-average remaining lease term	2 years 9 months 18 days	3 years 8 months 12 days	
Operating leases, Weighted-average discount rate	3.20%	2.40%	
Finance leases, Weighted-average remaining lease term	2 months 12 days	1 year 2 months 12 days	
Finance leases, Weighted-average discount rate	1.50%	1.50%	
Cash and Non-cash Information Related to Leases [Abstract]			

Operating cash flows used for operating leases	$ 2,241	$ 2,271	$ 2,259
Operating cash flows used for finance leases	330	429	566
Financing cash flows used for finance leases	6,621	6,521	7,289
ROU assets obtained in exchange for operating lease obligations	$ 842	$ 5,116	$ 513

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SHARE-BASED COMPENSATION (Details) $ / shares in Units, $ in Thousands	Mar. 16, 2023 shares	12 Months Ended Oct. 31, 2024 USD ($) Executive $ / shares shares	Oct. 31, 2023 USD ($) $ / shares shares	Oct. 31, 2022 USD ($) $ / shares shares	Mar. 15, 2023 shares
Share-based Compensation [Abstract]					
Maximum number of shares of common stock that may be issued (in shares) | shares	5,000,000				4,000,000
Additional shares available for issuance (in shares) | shares	1,000,000				
Number of executives departed from company | Executive		2			
Expense incurred		$ 13,890	$ 8,001	$ 6,308	
Income tax benefits of share-based compensation		1,156	715	449	
Cost of Goods Sold [Member]					
Share-based Compensation [Abstract]					
Expense incurred		2,704	1,259	868	
Selling, General and Administrative [Member]					
Share-based Compensation [Abstract]					
Expense incurred		10,124	5,962	4,803	
Research and Development [Member]					
Share-based Compensation [Abstract]					
Expense incurred		1,062	780	637	
Restricted Stock [Member]					
Share-based Compensation [Abstract]					
Expense incurred	[1]	$ 13,868	$ 7,909	$ 5,800	
Shares [Roll Forward]					
Outstanding at beginning of period (in shares) | shares		1,238,297	893,704		
Granted (in shares) | shares		865,050	791,925	654,224	
Vested (in shares) | shares		(550,069)			
Cancelled (in shares) | shares		(129,676)			
Outstanding at end of period (in shares) | shares		1,423,602	1,238,297	893,704	
Expected to vest (in shares) | shares		1,292,883			
Weighted-Average Fair Value at Grant Date [Abstract]					
Outstanding at beginning of period (in dollars per share) | $ / shares		$ 16.27			
Granted (in dollars per share) | $ / shares		29.5	$ 16.84	$ 18.73	
Vested (in dollars per share) | $ / shares		17.74			
Cancelled (in dollars per share) | $ / shares		21.9			
Outstanding at end of period (in dollars per share) | $ / shares		23.23	$ 16.27		
Expected to vest (in dollars per share) | $ / shares		$ 23.14			
Fair value of awards for which restrictions lapsed		$ 9,755	$ 6,256	$ 5,212	
Estimated Expenses Not Yet Incurred [Abstract]					
Compensation cost not yet recognized		$ 21,303	$ 12,760	$ 8,949	
Weighted-average amortization period (in years)		2 years 9 months 18 days	2 years 9 months 18 days	2 years 8 months 12 days	
Restricted Stock [Member] | Minimum [Member]					
Share-based Compensation [Abstract]					
Award vesting period		1 year			
Restricted Stock [Member] | Maximum [Member]					
Share-based Compensation [Abstract]					
Award vesting period		4 years			
Restricted Stock [Member] | Selling, General and Administrative [Member] | Executive [Member]					
Share-based Compensation [Abstract]					
Expense incurred		$ 1,200			
Stock Options [Member]					
Share-based Compensation [Abstract]					
Expense incurred		0	$ 1	$ 298	
Estimated Expenses Not Yet Incurred [Abstract]					
Compensation cost not yet recognized		$ 0	$ 0	$ 13	
Weighted-average amortization period (in years)				2 months 12 days	
Stock Options Activity [Abstract]					
Contractual term		10 years			
Shares [Roll Forward]					
Outstanding at beginning of period (in shares) | shares		472,275			
Granted (in shares) | shares		0	0	0	
Exercised (in shares) | shares		(191,650)			
Cancellations, forfeitures, and adjustments (in shares) | shares		(3,000)			
Outstanding at end of period (in shares) | shares		277,625	472,275		
Exercisable at end of period (in shares) | shares		277,625			
Expected to vest (in shares) | shares		0			
Weighted-Average Exercise Price [Abstract]					
Outstanding at beginning of period (in dollars per share) | $ / shares		$ 10.18			
Granted (in dollars per share) | $ / shares		0			
Exercised (in dollars per share) | $ / shares		9.86			
Cancellations, forfeitures, and adjustments (in dollars per share) | $ / shares		10.43			
Outstanding at end of period (in dollars per share) | $ / shares		10.39	$ 10.18		
Exercisable at end of period (in dollars per share) | $ / shares		10.39			
Expected to vest (in dollars per share) | $ / shares		$ 0			
Weighted-Average Remaining Contractual Life [Abstract]					
Outstanding at end of period		1 year 11 months 8 days			
Exercisable at end of period		1 year 11 months 8 days			
Aggregate Intrinsic Value [Abstract]					
Outstanding at end of period		$ 3,445			
Exercisable at end of period		3,445			
Expected to vest		0			
Options Exercised [Abstract]					
Total intrinsic value of options exercised		2,981	$ 1,654	$ 5,108	
Cash received from options exercises		$ 1,888	1,101	5,275	
Stock Options [Member] | Minimum [Member]					
Share-based Compensation [Abstract]					
Award vesting period		1 year			
Stock Options [Member] | Maximum [Member]					
Share-based Compensation [Abstract]					

Award vesting period	4 years		
Employee Stock Purchase Plan [Member]			
Share-based Compensation [Abstract]			
Maximum number of shares of common stock that may be issued (in shares) | shares	1,850,000		
Expense incurred	$ 22	$ 91	$ 210
Award vesting period	1 year		
Options Exercised [Abstract]			
Percent of market price that participants pay for shares subscribed	85.00%		
Total shares issued since inception (in shares) | shares	1,600,000		
Unrecognized compensation cost	$ 200		

[1] During the year ended October 31, 2024, upon the departure of two executives from the Company and in accordance with the terms of their separation agreements, previously granted time-vesting restricted stock awards accelerated vesting. The Company accounted for the effects of the accelerated vesting of these stock awards as a modification, and recognized $1.2 million of incremental stock-based compensation for the acceleration of restricted stock awards, within selling, general and administrative expenses on the Consolidated Statements of Income for the year ended October 31, 2024.

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EMPLOYEE RETIREMENT PLANS (Details) - USD ($) $ in Millions	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
EMPLOYEE RETIREMENT PLANS [Abstract]			
Number of months of service completed to come under retirement plan	3 months		
Minimum age of employees to come under retirement plan	18 years		
Percentage of salary that can be contributed by the employee	50.00%		
Maximum percentage of employees' contributions that Company will match	100.00%		
Maximum percentage of employees' gross pay that Company will match	4.00%		
Company's contribution to defined contribution retirement plans	$ 1.2	$ 0.8	$ 0.7

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INCOME TAXES, Components of Income Taxes (Details) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Components of Income Before Income Tax Provision [Abstract]			
United States	$ 20,145	$ (1,737)	$ 1,813
Foreign	227,270	271,683	237,220
Income before income tax provision	247,415	269,946	239,033
Current [Abstract]			
Federal	0	0	0
State	95	14	1
Foreign	64,861	71,225	58,981
Current income tax provision	64,956	71,239	58,982
Deferred [Abstract]			
Federal	0	0	0
State	13	12	10
Foreign	(1,402)	(939)	799
Deferred income tax provision	(1,389)	(927)	809
Income tax provision, Total	63,567	70,312	59,791
Income Tax Provision Reconciliation [Abstract]			
U.S. federal income tax at statutory rate	51,957	56,689	50,197
Changes in valuation allowance	(1,986)	(256)	(1,462)
Foreign rate differential	10,695	11,394	7,941
Tax credits	(5,209)	(2,425)	(1,368)
Uncertain tax positions, including reserves, settlements and resolutions	6,226	3,328	3,214
Other, net	1,884	1,582	1,269
Income tax provision, Total	$ 63,567	$ 70,312	$ 59,791
U.S. statutory tax rates	21.00%	21.00%	21.00%
Photronics effective tax rates	25.70%	26.00%	25.00%
Deferred Income Tax Assets [Abstract]			
Net operating losses	$ 18,941	$ 26,377	
Reserves not currently deductible	9,892	8,776	
Tax credit carryforwards	12,550	10,442	
Share-based compensation	3,102	1,892	
Property, plant and equipment	10,710	9,844	
Lease liabilities	4,116	5,743	
Research intangibles	2,721	0	
Deferred tax assets	62,032	63,074	
Valuation allowances	(30,633)	(32,619)	
Deferred tax assets net of valuation allowance	31,399	30,455	
Deferred Income Tax Liabilities [Abstract]			
ROU assets	(7,351)	(8,193)	
Other	(1,458)	(1,200)	
Deferred income taxes liabilities	(8,809)	(9,393)	
Net deferred income tax assets	22,590	21,062	
Classification [Abstract]			
Deferred income tax assets	23,059	21,297	
Other liabilities	(469)	(235)	
Net deferred income tax assets	$ 22,590	$ 21,062	

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INCOME TAXES, Unrecognized Tax Benefits and Carryforwards (Details) - USD ($) $ in Thousands	12 Months Ended		
	Oct. 31, 2024	Oct. 31, 2023	Oct. 31, 2022
Unrecognized Tax Benefits [Abstract]			
Balance at beginning of year before interest and penalties	$ 8,332	$ 5,204	$ 3,534
Reductions of tax positions in prior years	86	209	
Additions of tax positions in prior years			(355)
Additions based on current year tax positions	6,139	3,361	2,892
Settlements	(835)	(423)	(848)
Lapses of statutes of limitations	(30)	(19)	(19)
Balance at end of year before interest and penalties	13,692	8,332	5,204
Interest and penalties	1,028	576	395
Balance at end of year including interest and penalties	14,720	8,908	5,599
Income Tax Uncertainties [Abstract]			
Unrecognized tax benefits that, if recognized, would impact the effective tax rate	14,720	8,908	
Accrued interest and penalties related to uncertain tax positions	1,028	576	395
Uncertain tax positions that may be resolved over next twelve months	400		
Income Tax Payments and Refunds [Abstract]			
Income taxes paid	62,520	70,362	37,770

Income tax refunds received	2,519	$ 485	$ 388
Federal Research and Development [Member]			
Tax Credit Carryforward [Abstract]			
Tax credit carryforward amount	$ 6,042		
Federal Research and Development [Member] | Minimum [Member]			
Tax Credit Carryforward [Abstract]			
Expiration period	Oct. 31, 2025		
Federal Research and Development [Member] | Maximum [Member]			
Tax Credit Carryforward [Abstract]			
Expiration period	Oct. 31, 2044		
Federal 48D credit [Member]			
Tax Credit Carryforward [Abstract]			
Tax credit carryforward amount	$ 2,276		
Federal 48D credit [Member] | Minimum [Member]			
Tax Credit Carryforward [Abstract]			
Expiration period	Oct. 31, 2043		
Federal 48D credit [Member] | Maximum [Member]			
Tax Credit Carryforward [Abstract]			
Expiration period	Oct. 31, 2044		
State [Member]			
Tax Credit Carryforward [Abstract]			
Tax credit carryforward amount	$ 5,357		
State [Member] | Minimum [Member]			
Tax Credit Carryforward [Abstract]			
Expiration period	Oct. 31, 2025		
State [Member] | Maximum [Member]			
Tax Credit Carryforward [Abstract]			
Expiration period	Oct. 31, 2038		
Federal [Member]			
Operating Loss Carryforward [Abstract]			
Operating loss carryforwards amount	$ 55,729		
Federal [Member] | Minimum [Member]			
Operating Loss Carryforward [Abstract]			
Expiration periods	Oct. 31, 2030		
State [Member]			
Operating Loss Carryforward [Abstract]			
Operating loss carryforwards amount	$ 135,736		
State [Member] | Minimum [Member]			
Operating Loss Carryforward [Abstract]			
Expiration periods	Oct. 31, 2025		
Foreign [Member]			
Operating Loss Carryforward [Abstract]			
Operating loss carryforwards amount	$ 165		
Foreign [Member] | Minimum [Member]			
Operating Loss Carryforward [Abstract]			
Expiration periods	Oct. 31, 2025		
Foreign [Member] | Maximum [Member]			
Operating Loss Carryforward [Abstract]			
Expiration periods	Oct. 31, 2034		

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EARNINGS PER SHARE (Details) - USD ($) $ / shares in Units, shares in Thousands, $ in Thousands	**12 Months Ended**		
	Oct. 31, 2024	**Oct. 31, 2023**	**Oct. 31, 2022**
Calculation of Basic and Diluted Earnings Per Share [Abstract]			
Net income attributable to Photronics, Inc. shareholders	$ 130,688	$ 125,485	$ 118,786
Effect of dilutive securities	0	0	0
Earnings used for diluted earnings per share	$ 130,688	$ 125,485	$ 118,786
Weighted-average common shares outstanding [Abstract]			
Basic (in shares)	61,726	61,139	60,559
Effect of Dilutive Securities [Abstract]			
Share-based payment awards (in shares)	665	616	630
Potentially dilutive common shares (in shares)	665	616	630
Weighted-average common shares-Diluted (in shares)	62,391	61,755	61,189
Net Income attributable to Photronics shareholders - Basic (in dollars per share)	$ 2.12	$ 2.05	$ 1.96
Net Income attributable to Photronics shareholders - Diluted (in dollars per share)	$ 2.09	$ 2.03	$ 1.94
Antidilutive Securities [Abstract]			
Total potentially dilutive shares excluded (in shares)	371	136	314
Share-based Payment Awards [Member]			
Antidilutive Securities [Abstract]			
Total potentially dilutive shares excluded (in shares)	371	136	314

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COMMITMENTS AND CONTINGENCIES (Details) $ in Thousands	**12 Months Ended**
	Oct. 31, 2024
	USD ($)
Commitment and Contingencies [Abstract]	
Minimum remaining term of plant and equipment	1 year
Unrecognized Commitments [Abstract]	
2025	$ 70,992
2026	3,052
2027	1
2028	1
2029	0
Thereafter	0
Total	$ 74,046

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CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT (Details) - USD ($) $ in Thousands	**12 Months Ended**		
	Oct. 31, 2024	**Oct. 31, 2023**	**Oct. 31, 2022**
CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT [Abstract]			
Other comprehensive (loss) income, tax	$ 0	$ 0	$ 0
Changes in Accumulated Other Comprehensive Income [Roll Forward]			

Beginning Balance	975,008		
Ending Balance	1,120,864	975,008	
Accumulated Other Comprehensive Income (Loss) [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Beginning Balance	(88,734)	(98,456)	
Ending Balance	(86,319)	(88,734)	(98,456)
Foreign Currency Translation Adjustments [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Beginning Balance	(88,044)	(97,790)	
Ending Balance	(85,587)	(88,044)	(97,790)
Other [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Beginning Balance	(690)	(666)	
Ending Balance	(732)	(690)	$ (666)
AOCI Including Portion Attributable to Noncontrolling Interest [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Other comprehensive income (loss)	8,549	5,612	
Foreign Currency Translation Adjustments [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Other comprehensive income (loss)	8,630	5,615	
Other [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Other comprehensive income (loss)	(81)	(3)	
AOCI Attributable to Noncontrolling Interest [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Other comprehensive income (loss) attributable to noncontrolling interests	(6,134)	4,110	
Foreign Currency Translation Adjustments [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Other comprehensive income (loss) attributable to noncontrolling interests	(6,173)	4,131	
Other [Member]			
Changes in Accumulated Other Comprehensive Income [Roll Forward]			
Other comprehensive income (loss) attributable to noncontrolling interests	$ 39	$ (21)	

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RISKS AND CONCENTRATIONS (Details) - USD ($) $ in Thousands	**12 Months Ended**		
	Oct. 31, 2024	**Oct. 31, 2023**	**Oct. 31, 2022**
Geographical Areas [Abstract]			
Long-lived Assets	$ 745,257	$ 716,135	
Net Assets	1,480,759	1,275,609	
China [Member]			
Geographical Areas [Abstract]			
Long-lived Assets	256,072	249,357	
Net Assets	379,460	317,409	
Europe and Other [Member]			
Geographical Areas [Abstract]			
Long-lived Assets	7,010	7,294	
Net Assets	(420)	(2,175)	
United States [Member]			
Geographical Areas [Abstract]			
Long-lived Assets	144,634	140,733	
Net Assets	217,890	188,712	
Korea [Member]			
Geographical Areas [Abstract]			
Long-lived Assets	123,631	119,438	
Net Assets	315,597	281,941	
Taiwan [Member]			
Geographical Areas [Abstract]			
Long-lived Assets	213,910	199,313	
Net Assets	$ 568,232	$ 489,722	
Accounts Receivable [Member] | Customer Concentration Risk [Member] | Customer A [Member]			
Customer Account [Abstract]			
Customer's percentage of net accounts receivable/revenue	19.20%	21.00%	
Accounts Receivable [Member] | Customer Concentration Risk [Member] | Customer B [Member]			
Customer Account [Abstract]			
Customer's percentage of net accounts receivable/revenue	14.60%	10.00%	
Revenue [Member] | Customer Concentration Risk [Member] | Customer A [Member]			
Customer Account [Abstract]			
Customer's percentage of net accounts receivable/revenue	15.00%	14.00%	15.00%
Revenue [Member] | Customer Concentration Risk [Member] | Customer B [Member]			
Customer Account [Abstract]			
Customer's percentage of net accounts receivable/revenue	12.00%	10.00%	11.00%
Revenue [Member] | Customer Concentration Risk [Member] | Customer C [Member]			
Customer Account [Abstract]			
Customer's percentage of net accounts receivable/revenue	9.00%	13.00%	5.00%

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RELATED PARTY TRANSACTIONS (Details) - USD ($) $ in Thousands	**12 Months Ended**		
	Oct. 31, 2024	**Oct. 31, 2023**	**Oct. 31, 2022**
Related Party Agreement [Abstract]			
Revenue [1]	$ 866,946	$ 892,076	$ 824,549
Accounts receivable	200,830	194,927	
Customer One [Member]			
Related Party Agreement [Abstract]			
Revenue	127,000	126,500	$ 119,000
Accounts receivable	$ 38,800	$ 41,500	

[1] This table disaggregates revenue by the location in which it was earned.

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FAIR VALUE MEASUREMENTS (Details) - Fair Value, Recurring [Member] - USD ($) $ in Thousands	**Oct. 31, 2024**	**Oct. 31, 2023**
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	$ 78,506	$ 32,102
Time Deposits [Member]		
Fair Value, Assets [Abstract]		

Assets, fair value disclosure	42,184	0
Money Market Funds [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	36,322	19,187
U.S. Government Securities [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	12,915
Level 1 [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	36,322	32,102
Level 1 [Member] | Time Deposits [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	0
Level 1 [Member] | Money Market Funds [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	36,322	19,187
Level 1 [Member] | U.S. Government Securities [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	12,915
Level 2 [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	42,184	0
Level 2 [Member] | Time Deposits [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	42,184	0
Level 2 [Member] | Money Market Funds [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	0
Level 2 [Member] | U.S. Government Securities [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	0
Level 3 [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	0
Level 3 [Member] | Time Deposits [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	0
Level 3 [Member] | Money Market Funds [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	0	0
Level 3 [Member] | U.S. Government Securities [Member]		
Fair Value, Assets [Abstract]		
Assets, fair value disclosure	$ 0	$ 0

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SHARE REPURCHASE PROGRAMS (Details) - USD ($) $ / shares in Units, shares in Thousands, $ in Thousands	**12 Months Ended**			**38 Months Ended**		
	Oct. 31, 2024	**Oct. 31, 2023**	**Oct. 31, 2022**	**Oct. 31, 2023**	**Aug. 28, 2024**	**Sep. 30, 2020**
Share Repurchase Program [Abstract]						
Cost of shares repurchased			$ 2,522			
September 2020 Announced Program [Member]						
Share Repurchase Program [Abstract]						
Stock repurchased authorized amount						$ 100,000
Stock repurchase program - commencement date	Sep. 16, 2020					
Stock repurchase program - expiration and termination date	Sep. 15, 2022					
Amount remaining under authorization for purchase of additional shares	$ 31,700					
Share Repurchase Programs [Member]						
Share Repurchase Program [Abstract]						
Stock repurchased authorized amount					$ 100,000	
Number of shares repurchased (in shares)	0	0	187	5,800		
Cost of shares repurchased	$ 0	$ 0	$ 2,522	$ 68,300		
Average price paid per share (in dollars per share)	$ 0	$ 0	$ 13.43	$ 11.7		
Number of additional shares repurchased (in shares)	0					

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M$U=!)KF(M/+Y;,7\VMX^9<_I.ATR@6XP&U@@? \YOI^1.6HCA5,+$P&IG/U9K MQ\'22(""R7V4!;1)]J/3%0@R#3LZG5C.=GSVQ.V?C,K:=#1M&N#C\7@XMLO2 MBW A(5M>5 TR M6'!VULS2 Y9>*? !UE!K9'.O=05SP6.XYB1'^QL4$UFG2&98T1G*=D 4. #?$ MT4O0?*!!MHK@PI+27)#6SRFU4!H(FLB!]4>"(<7K;YH] M5Z%82=J$^:!!&&N*<<^9ST6S[!Z5&T?95O RCEU@5 9<8WS2J-2S%UGB5P/&M MG#P=$O+ E L&08;7)"82J3E^34@3_BNEVOZKR2.FJW"$2M"/F(9 M AIRM1:!MG&IA&!:$L;1>$[2M!'\6:PUDSY@R.S D77.UI$.$9)> T(^8LZ+ MD!& 'H8X2IKMHG%8!/V>7L-)P>B"RV;]N'Z&U3-L+([W1]072N0/)J<_Z3(T M!Z.:60F]A%9JGZJ'-#ZH'C(*!?&Y'C[E>G@*-Y;&O%"N@GL!_']:.*K^(+ M.7\N?<^E[[GT/:'2MSAD6R4)RU3393>* M$IY"&V[I4_5*E=? EK[DHN#Q;Y.FOH70^+_ Y/%_GM,T+,T.WF)&Y M'M-2D&_#^>G%>!KB.=D$N7V85VWGV-'1^^?!4,"C[SR6'<>(\J(AIJ&&F,_# M0X=Y>U^89Y7&4#04;6RL)"Q&MV"XU_$L%.!D8"V@!X.O40+R4E5@.5O& RN0 MHGQ.C$7H<.>77%_CT9+CVZ9EM6ZO*7<9;2)2.<)IF!-G]\K>9;'!51W/55OR ML+Y]/:053L_^6:W(GPP13A8+$DACE!>F2J+S&5.^YRM)Q%4XOT4SMA*7&+SC MYL=Q3E.X$G:V#P(RN;LYJ7IE.6>F\M\M# DL6XA9$N)-7>W5YYNTB42%([P# 4A M%W+C[^^3:G>,U_HL@6V$5#)DU12*0XG!/3-R0]A4)?.NVB8+A=OB5,V[&KXF M8$O#>FZ=+2?_VU[4/;07/4;SHYG@'K.'MYA,L0Z1^P7V*BH 1]V*^NJ]/^26<.[1[\8$@F_S6VZ3VW> ,? -2K6J5D*Q$_M2P=\'Y(&8XQ;]#1?CQ1BK,:QK<;:.0QY@%CS#*%F._^'19H:,]6+K#F-"F]! MU4#E/lO4#6CV#30.9FV-J/D3@H\W/[O#:#"Q([A[8N_ 5!+ P04 M" !YK))9%"]KY(' #?.0 & 'AL+W=OXYW7)&W*G//"=&/BG:>.](Q8P%R92E#X\\0<%@2I M$IS'O[EHJ_C.M'#W!5;]*FL\ &9.8^;PX(?OR=5Y;] B'EO0))#W_/D+RQO4 M2_5<'L39_^1Y8'UIL"L*[#S M OMM0:^FH)L7=#,RFZ9D',94TN&9X,]I>#6OHB@YE50_/]*/W>9U+ NS[4 MR>&8NPE\C9+0R".7D?3E*YE$F_Z4?B]M\FTV)A]__^.L(^'CT]*.FTM?;*2M M&FG3(C<\DJL8=#WF504Z<) [%R5K;D[VP4,4[5QX3VSPBEF%U%2?DX.5CYAX3 MTZHM'^/EH[4X)M9 55YIC5V@MS,]NT;/X4],D%^C>2P%=/]_5(0W"EVU0CHF M?(K7U&7G+;CH8R;>6&OXX3>S;WQ6T=$I-M8D5B'7+*1 D*K6H*2I 8!=1) >KD.%!3)GR>WB(\ M C<:Y56'*Q6#=^WHC=8WA:9)K)M4$;HUUB&R]\^/7>A*%U[4%)@NM2JQ'9MK'F@9!(70DGG;^D%_CUCM_1&O;XQ. MDUH5F54BL]!6YFG@R@\8N4W"_1.*5+B(89AM^`]3HVTI<;&UC7)K4JKA*.V^B MEG>+ZYXM_=300U>[I;%RN\C-/UR]W!_=SMO9F1RZRBY:77RNM2JW$HO;^)N M/.?FP.4I8"B;0%9\ (5_9]Y(<+F7 OX%IF'9?24VKO]>E5J56.GP3M^A%5'>Y M@%$L"^M'9";!81 NB,.3P E4N:?N@KBZ\Z $J-7^ZU*K BP#@(D[!QS@ WTA M$P_ZGK_PWMW!0-W]M&8"7615>F4J,'$SG],,>1ZHQT?. M%^0:CB WD,K/X9)FC\P8]&9RSZFG!*@U'^A2JP(L$X*)F_JW)UT"QK_P)\C M)3Q<[D)P_KCP6: FIS4GZ%*KDBN3@HG;^[?DBC%O*OB3'[GJOH=KUHQW6A.# M+K7]S&D9&2S? NYN;N5@E.:T30 MI58%5D8$"_?UD-D)/UJ2V6LXYX&2$RXPO1Y=*"EIC02ZU*J4RDA@X.9]VX_(MY8N[HM&2U0:0/4*WH]EX])>2E]8HNMRJM_.9!">_'"X+V8P2^"ZY$&L.0 MYI%)'"0 1DXK-!)%03CON4.J!!=7F MZU*KPBIMOG60S=\^$.C,.&9#&;A6]5SM'L623%7EX%6 J;V'Q;=*BV\=9/$G MD61BLS D?71"MQB5U'#%.FI:',XNM>I[@M+AVP: M"KAWC%R7@1#(>!M)Y8H"K4Y? EUJ57^GT;=RHY_QF(0T"G4+$/"RQM#>P_ ;I?^W<&O8+"7\E:)4KZ;"/Z;^!V]-";K4JC#+F& ? M].1@M@+?BUZN_W.-$%[7&-9[9 2[S CV01EAFLP#WX5KE%.E^\!5&J_3TQH7 MII8N_WX;FB? 6::]GGPSLL\Z3BD\9!NR#P@!THQ"NO)GD[N,1="'T*YT7N M$@F#6Y0F=R4SG3[?R=7Z.ZWLV[;=LP>#HHTYC_=(!:9"&SU+C3O$< L,L 8.-V?ONI;@)C3_F8!=R'>ROY0,/U9_+ $W?%_MR/7U5 E.:P.0I59=%UMF@"[NW;?@T@G9]&:H@K='XH+',GV6?$/CF+JK)&92 M*L.3KM-XO:Q6\]_961&?.M3LEP4Q<=/'XIO%\<7>XM<+HVS-?J<\?//3AQN: M&MR8!&P!I<;Q"8RD8O-K@LV&Y.ML?? V<2\G#[.6*48^)]!X?\&YW&ZD'U#\ MIF/X'U!+_P04_"!YK))9=?_JS#<& !6&0 & 'AL+W=O[X''F\YXZ>/DCU1:^$,.A.5=;Z9K0R M9GT]F>AL)2]NK^1:U/!E*57%#0S5_42OE>!YHU25$XIQ- *EX48]FT^;=K9I_MY<:412UN%=*;]N+]\:4HY7GPL[E?&OIC,IFM^+^Z$^;R^53":[*WD M125]7<@:*;&\&;TBUW/6*#02?Q7B01\\(^O*0LHO=O NOQEABTB4(C/6!(=_ M6S$796DM 8ZO.Z.C_9Q6\?#YR?IOC?/@S()K,9?EWT5N5C>C9(1RL>2;TGR4 M#[^+G4.AM9?)4C=_T<-.%H]0MM%&5CME0% 5=?N??]LMQ($""7H4Z$Z!GJO M=@JL<:1%UKCUAAL^FRKY@)25!FOVH5F;1AN*6]IC7=&P=<"],QL+FLMRR+G M1N3H-2]YG0ET9\UI=(D^W[U!+RY>H@M4U.C32FXTKW,]G1B8V>I/LMTLK]M9 M:.\L'S)SA1@9(XIIX%&?GZ_.CM4GX._>:.IWFC;V6)_3&Z55;1#7&OR\]OG3 M&@C\!NS9NM9KGHF;$1P>+=16C&8__T0B_*O/NQ]DI.A7MO>5#5F?S;E>(=@U ME-D'\753;'D)SGMWL345-J9L MC.PC0)DG ZV1[ZXXH%:4I3NA<[0AKLD0:# M2.]64IE+(U0%T;85VE1],%L[T>'\E"3!"4I7BM"4A'Z0X1YD. CR59;)#<"" M%)8)6,I%*<:.HAG0KEXB7D!2; P2#"S(F_++GQL9\LP/P"J?I[A7S.18ZD"$=_M)PR? >.:*D31(:>QW+=][%@\VZ]@X6O392%<*[Z)$S:1B%!W.VT%PI"(V(^9'% M>V3Q(+(/9B449,/#4^N#&#N3,X99=_+1E:()"WL@)GN(R2#$3]+P\@R(B3-Y MR@B.Z E&5RQ.PB#$?I#!'F0Z")6 ? TK\SA&.TCTI@E*FQ'6I]0U8>R#G+I8 M@I"&ISOO$<.I#0(_9((I@L*#H_^(I8!5S>'<9+(2R/!O_@#=V3G:6(:#] 2G M3PP20_A(0=$2LX(TOZ=WZD?YZ.H(:?P/&*0+7IVGG241P999A>@_"H.VJ. MJ&?]/((AC2@E/1 !IB+L+%HN"[XHRL) (O)R,QEDO.\EYQ]E[=CICO3(,_L] M.;T&\K-U+5!"*>O[Ê@=SL? >2>+AMCB-3[.(1RR*>O>IHT!R)@>N^:,E0"]" MEZ/B)":G2<,CE@1- C>B%V%$9&>8R@*@VD#,.0LF+TJ4K $F==73%TB",DQZ4 M':V185X[)HWGL+]\11*6$">!^.1"2GL(CG0,1X8I[H_GP]*E+7I:.WID('33 MOK7LJ(T,D@CB(3BM'KQA+>PX.[:B,#E- 9N]_/8*0^&B,.GQ:! M/KD01Z2G"]<=D=%A(IO+]BK:XKMM'&1MBO!>U!D@1B_>2R,0B5YZL0},]N=2 MY.V8_KNA8^\6L/AWO MU$/FT=\3_MBF\/_H"FE'MG2X+[Q53W65-C+[,D87 M^ H32.D*08.X@:Z&CC'&2*\X3(_XQD![5OPCL]!EBA3 &/NWSCH2XS[^(C*&=>OKB=Q1O@SYD1BX@ MZ3Q=:(P:(="&BOZ[M:W](/40.#DMR+Q"/=F>=B1/GR'Y/"]L00():\V+_!*Z MUHRO"'TA@7] NCX'*29]N]T1/ATF_(_"<'@% 0Q7-:RP/{6Z/!ZE M),$.2E^O2\C!RA^C[B?#A.^E"6;:E,VEVVR;6IE!<=[9>]%MP{J/^T'[G+Z M91(Q-Q1\NHIVG$ /:>]O5U)HV1=9'J,WM7951OD*UGF0NE?FE;2/'KQ M>T@?>HO$85Z/8!J'&/>4![0K#^AP>?!>UI;'E"Q+>_Z*&@H9H?VM$'7!GX5I MDIZ6,CXYC"/<4R>PKDY@Y]0)_]G)R<.EM?W'XDZO[HM:H%$O0Q%P&]FI]_U/*[%]02P,$% @ >:R260\: M+0\R P~~

U@L !@ !X;"]W;W)K8."Y@S^H<$,IP9 M(P,%L,(IE3=L^PT*0WVMYS,JLE^T+6(M_F!D"P]DA5!1.+\'S\6A;@DV+T] M"4Z1X!R,%!8),F8T)\ML76.)O2EG6\1UM%+3#UEMLFSEAL1Z&)>2]UZB\]0W M9[%@E 180H"N_6Q#VBIY00Z7V_L0Q!$A_3"_0)W2ZOT?G9!1*AZA&(Q.A7-MR%*!XT!TT%FM/36EPM.?.2T"Y2!'ZEKTS M0BU!-?!\23\XC;[8+7_]0\,)7]6A7>1O&]%S_4&%2IU*U@YZ2U_-?5BB#]^$ M3H1(V[&'KXAVF0]%U(!)?#H3<#]P!92;<,D7K=1CU]I#T74],CDPK1/@3Y[;A7JUFG;?>CV!V^/]_)4#WSZ=_[@) M7BA7F0:VN#?>16*<^UIY"\'LGWP#&PF/V&F%_*M^$UAK_'-RJ5+WWA_8+XF ML4 45BK/Z@[5WLKS2V3"D"S)[F%W3*L,7?88]HLW,R>>&OMJ55WGO M'U!+ P04 " !YK))9]YU2:: & #?' &'AL+W=O]WDAS)EDY<.O@EL;3O3OR.=\>/U.5,JK]U*H0A3T5>ZJM)\;LSF M8CK5R047)_+C2CAR4][@ANX5.NIWBC!D[]HR*?,<8)IP;-R.KNL[]VKV:7<MFCPKQ:TB>EL47/VX%KG<74WHY/G&IVR=FNK&='.YX6OO(.R7S:V"JVGK)I,ED2)U=7D':V8L[@RJ!%_96*G#WZ3BLI"RK^.KB[OD:N)4(O*Y6)K*!8=_.MC^)&Y'GE"<;QS]{II'UG97CX^]GI[S5Y(+/@6MS(_&N6F/1]$DU((E9\FYM/.MGV\!R*W\+F>OZ+\GML!^Z6&SZ[5'}'5(4&;]6/.OJU_<0K M*ZM$>3 *.GF9@9V8WLM0RSO)N1$(>#/R#+ !#";:R!6Y*Y>R$.2,?'FX);]?O2$ZMY4IHDI7D)?DM>'5U?3@T,JG(]7>X'<-,,@(T,@#+R7I8FU61>)B(Y M=C % BTE]DSIAED]?ER:<^+2MX0YS$,&=/MRS@<#<@ :LQV$(M8["]{MS"%L.H;6N/VZ$XB8KUT0\P:JOA;[ ]{2G+-]3.IN?R-E1*(V>)$U M 1Y 6$#HWI*U"&,.8&UA_$UL>L:H65]L""&0UF,@S#H) -:0Q14LA_UL@)! MN7$T4]}QRRO^C[:D!5?+M..30(_*Y:9]QB9>#_&OC]5G*+H-S [YS\T;M*_2D^]BDWJ;G\K;M<:36I:43M$@#_ME$%07M#701@]=#UO)%\Z(43M2NBN_(B9YY3]>JVLJfLYL8XN;&>89X3N'UV M0QCUHCYLCL&*:*Q'=>*(VM51RVY? #6;2OCIL4]G23;2?X88_55+P.:O.+E!F(3)IH4?]/C<$M%\0#V3C'<&[LN"_"D':BAMI5S=U+"6':PP_"/A]$[CCN<*D7%AH+$=^E >R(PR-2#G=_-^"&(("OS/'UE(62=O MF%W>6.C>IO*8EMD26C\DZGES&I3"+E(HG#$=[&*IZP11?X8Q'/.]R.|S1G T M"],QTIT48LRJ'N9S*I+9 M-=?9D6S.2I) +7!U$,HW;"@;=~^%A!SWO-Z9;%.4,TF*(HN?QÖ%)T(HC91=!M-MEF^K$[>?(.5APWI[!%!4?P%%4$!J1/>P3O*X,!5) 0],?I*(PZ@Y6P3F^/((603KY!.SRZW#&K"1&>JA 01[9 !8#3T M! 6,P>C8P0JKQ-7QG4Z@,.+M ^4;_?TXS39HE+LDT7Z^56',#!:"\&vR@-U/M*D@NE[S^K@61V*79.B69(3NNB8"U0R3G6.9.#S[*%$*MZZ]A&@IM6YKFH+]] MVWYQNZZ_,.7NW]"+.47NOV/1Q2T$ 'L2PY/ZX]VT>W7SZ>\]5^L,lG&Y6.$PMG/.0RD4U7!.,"R,W]>>BA31&%O7/5'!8Y2L /%!):9XOJA>TWS1G-]O2P,$ M% @ >:R269;LGQO. P 4PT !@ !X;"]W;W)K[9!4A)[PP]T:]"LVX=A'VB)MK1*]$?2]=M=OKO=Z04U988-P^O1+IYQ[>[#:D8LY\:N8>Q'S*=ZJN&'T02.Z: MAHBO][3FAYGC.\3GZI-]?2$.Y]NR88^4O5Y^R!@Y/8L1=50)BO.D*#KF7/G M3Y;^,3"(/RIZD$?O2$M9JE.AG5M#BE, %-;TD_"SI'I]E-)BK6Q3XUPA[M.+0XM'B]>6 Q7[!>')1$ 0)"@Q?<-D$_76WDDK KOK;E!)VR="^I#Y]}G)+ M]B)@JA7$)TMEH^JL +E)W51 M=751Z[JX1@Q$0NTH\]0?5][$IC6Z9'U6.03=^Y&,OMLY=.THM+SHHSI6/S/!FOE_H#ORV88.#V&!+BP.YRVKN_\N!5O$U2.DY& M%&&#3=6)_/5(U!D PO26.[LJQ7EIU5MK%#OZR0'!E#,.>.&_X M(.+ZMF&[%@*V!]+9Z.;R_!SY^ M.3P^4$V_UC?_5?MV$_KV;&:KIEO_:U]#DRV7^D M9[RK+$K#U:Y(_XT8'XIHR@EWKGV%>N'MTU#"2VF;Z']M=@Y]Y8WIR?Z0G+LQ MVG\TC>W?.+W@TH#_.5%&9^\'!'JU8:._PJO;F.E.6KJ/2_K[H'8!!'ZNE-TN MW'=_RS["U!+ P04 " !YK))9+%"SY>P' "W 0 &'-AL+W=O+9E>3=_.%%?D"FZ.[* *L MG%U==,]=UU<7U9[F64FN:Z/9%T5:?W]\NKOXN9[^A=PD.VH .\7=&'IN3UT9[*;=5]:4]M^+"YG)GMB$A.UK2E2-F_![(D>=XRL79%[4EGOW.V@:>OG]BC[N+9Q=RF#5E6 M^3_9AFX09 [,V)"[=) 3S]5C0O+U.V.];VA5],%L!$56 M'OZGWWHA3@(PG@=C >0F+ BQW{L#] RS^# Y$@-T'V'R /1'@] $.%^ X$P%N M'^ #RUS 5X/4!"A> K(D OP_PN[M[N!W=O5RE +VZ]*M'HV[1C*U]T25$%\N M85\VN7M#:_9IQN+HU;(]FRK/-BDE&^.&LG\L.6EC5'=&^'6?T>_&W/CK9F6\M^OFUT6S3FC1&5AI_;JM]DY:,YHWQ\^CX8D'9H%KJQ.H?P/O# /#D (]"Y? - MK=9?C'__(,4MJ?^3T"S5-+]M-EE;#&EN7*?99LX&M4QW&67'"M*5FO0SH:SZMF3!A&I=9>=^HN$(UUY^LLS3[^GM\I!%P]=OUOMCGW0W)L3]2H1T3GF MZ3T?2>P>)7:5$M_TBYZFV;,)=UJNF.#DL#+!.L08I??&XDH[,2>P*H[6QSZLLM@GB5040$(F(0D<@&&YAR7;VCKMX/Z7HZ[\@T]H0OQ!0X_R2A'<.XDHY,LU$D6 MZ22+=9(EFLA&">8?$\R'$VS>[FLW78=D[3'MMLOD6_M:.O7XX-3CB]W>,GVN M;D407[<@(@(1,8A(@,&.9V.L@9*69?MEB"[W7=2WM558915>;I/R/I[@DS? M)OZ0,0*1($(@(1L8C =A XG, 0;J0P,H<]N:G4^']?K[F95_J]/ M?NZ>83RPL6]^B M@*]B&;VU,A1:MV4*M;)%6ME@K6Z*+,9QF@T^!U$;%A,^(I6DE^A8NOS)<(M$'L /+LQ%?QA*< MY;B6S=H:9<:8+B40WP^$U%AT" M(/)NA@0DJ S[&3 DAB&;,">-:'N8&D@M:?QHUXD$GT866^5(AL.E')UNH ME2W2RA9K94MTL8V_MAZ<':QV=EYB2F+8WL&B5^(+FI[Z5!.47,@R)8$@.0Q)H MQ&]!W.']\V=B06[)=45B0MV9/*BI:/8V*3[_LK&H%>Q^L[(VBW2.4KPA!ENGZ/E^\(%4$M0V()O+&87GS92@:E6[X]\?T'DP-K#8U7K1@QZ#1L(0A*9@2IT5(L$VKVG',U'O,329R0LBY<9?CP#4D0(]8A MB7S(EC>A\+"1QS_V7 :T9L?B?MBU^#6[>@QGST ZV4*M;)%6ME@K6Z*+,9QIM@\&!G_&DRKEK=@^>ET2G %E^(+1,V.. (1$,B6%(@YYK/#@;F"UNS&Q:K>E MRH]NABOLM24@!]F>X_'B2L@"Y]L>KS#X8$@D@:.QJ3[!V3U3]\>AE2W2RA9K94MTL1UR M;"RY(V)TU_I/5]QN;8G-PQ>O.MQ]*T/OQ*Z'! JUWWFY/;BM*]Z%YN2[!A(K=SW@KEED>^W?7(E>]Y%%'T5[L_WT1TI>RR)'C+D""(%UM6-;/E;7?2M7BYOQ5[55N%+M];11YL)B>:MC3_R[J]lV]U+_6IRLE-66-VTE&B3Y^F[V = D-#,#_L2_*O[< MGGU'ALJC$%_.CY_+NUE@9L1K7BAC@NF/.U_ONC;6]#Q^/QJ=G>Y#!IY_?[7^M8T=>DWED+5^)^M]5J39WLW2&6ZKYF^UI]$<]_YT="D;%7B+KM_D?/1VPP0\6^ M56)[*QGL*V;_I-],SKB; ".)P:0XP!B#P@G!M#C 'KI@/ X(.P\TU/I_) SMQ9:W4CPC;=#:FOG2.;,;K>E7C5GW!R7U7RL]3BU7HFE%795,\1(J*/VA%U6U M2*S1BK4;I*,.C!;.T6\/.?K+#W]%/Z"J0?_O(G!N25P42/BM?BY4.\1Q>\0"4@(3&AU^7 *M#.\O'TX\;.AI/6AGCTZMAW'ZNG/Z6HHMTAM<,E4U3_TJ53%VQO{!;W9$#9K MLL<=M%/OYO!:!R>>"SY9__A./@;Y+#+KFDLOY*QD3O#DSM#G_7E/W3FK9I" M;#GDLWYLU(TU"?*PQ"E-P_1V<3CW!@#+LIB&8U@-P)*.A.0$&S&(3@PB;T\ M*/^CLT" *970J:8035'5'#4G:N:Z^568V-E)<:CTSD*/+Y<'3W3-X+FFL?O* MQD:NCT^NC[W!DW-MM*A87Z":$K&MD*KZ;W!!9TCM:^UA]?(.[6K6J [#^]!7 M.[*EHMM1TW MB$;JW!['3- LL(BX]#0)L,7%!.0U2F$IVHI))OK77$K-XW73LV\<7(I,N?G< M$+%X *B,)!8/%Y0&$RN"@T%O!/X2M!$AO5LC)/J8>H?JBCU6=9>?WG6[2*@-MEV"]_AJ_4]ZZ]K7\6M;&CCV38M"[$V=T%F+5P>F=RWH00>PN/8E"*X97 M "P,2&Q%*&0LPN0LIXM5/WOP-M+1"+V;]8WY]]K6LNO96WLUD$[8;]XNM_+8J.E1OL :4/LRA]=-MMX,LM*44#,0D4*)X&%58;^L&C%M-UHSSA67VV,4=8<5D**KB^8X M"*+(R74 D 0XLQ4CA*-I&DWENT%K8;_8NI>BX+P\'L*W3.UEG^:+>QM?53PE) M[?*S F!A$E%;C &P .9)!BU&O))D^9,X<-D8 D96ZH_J .>VHYU1+B!+$%I40 M*B+V]@$HJFOW!)=!_A"__!D%Y44'%P*(%TXA?)lR*$^Ẍ@*1<\3+'41S:*F<% @.M _^P4 M" +#)(DF;B@9%!$)WUI#UU7#FN*<]QA\8NNM-?2[UO)K61NI=]e"Q__OG"M M.$,W3;MZ)(@K62N,IH'L?$/L) ,)R&-+.C!#(7A>%4>AV$%O%WD$8I24G.VKU\ M0:T2Q5>0EMO3L=L/WX?D &0^RL)C,H.\(7YYLQ*.DM7CWO1/CH6Q$4UAKH]Z M-F&ODR{703&1,%TUXI#[+B0'("3,LJF<-2@:\AU%,RKX[5G.B$EI^A6319X M?:.,VS4>0A&[TYP#]"@))\ZA9% SQ*]F3$+6-5#5P\,=LTRR*LQ3GRX<$7MF M$GZ@0X!6D3Z0.#D9[#L%$.%4WY(.2H;ZE8Q3=*!L##XX<=7(/$FH'9L0 M3.>2S&[+0CB;ONG$(M0!WE"_O/FT7O.B7SS^K>AZ;$@?2SDJCOTTT70.>_>[MP9PU#]PVZ]lVWU,Y6W !5[@BAF"[*;@"'4',2I_9.A6!A'.")"/$0'343|FNCX M3,=D4VX6^O\E[4]@+*/V87P%P'"2A?;1)0=P(4G(U/*?/1?TBZK5Y2P14^B1 M/U5-8Z)?O\L+9Z"(I*XZB@*E#>6A#S2.=C>U6%("#W),#.,L]8]J#&*)^,?0+,]L,\Z#OZ1WR3]R^ #6;Z]]%^95+7MQ;5?*U-!N\3/1_9Q^:+5_U!BU[WT]"B4$MON MZX8S[30#T'l?"Z%>?Y@;G%ZT6_X!4$L#!!0 ('FLDEG6R=7DAR4 /!R M 8>&PO=VIR:W-H965T&ULQ5UMC]M&DOL.7T%X+']=-[ZXM4SW.\W_%;.6QM|SC&31==]QA^7U8^/GH @TYARP @%_7-C M+DS38" BXT\=\Y%_]4Z,/IO1W_+<:2Z+PIJ+KOF]KH;UCX^>AHKLRQVS?"A MN_V;T?E\B_'*KK\Q_FMW/OMLT=YN;.#M]&'B8)WFIXZ?K3K[^> M?_BO /W;_/KRYW>7;R\OSM!]S,\O+MY_>O?O\MW/^=7[7RXO+M]<__!XH/?AMJ<>ECOU*QCX[,/;I6?YKUPYKF[]I*U.E SPF0CVU%5Q[:5V?__?YP@X]="=_3#%"7O-L^C50K!=V6Y3FQT>D M.=;T<^;13__YE]/OGKQ\8!+/_"2>/33ZO[F$#X_]OYZ5PR[MWN3=,G^ULS2>M7G15OFKPM865Z_@G8H6"M?&UOV]98_QT]EANUN22-!T>TPMVO)Q'1G-ST3U M[;HNUWE!G%B393BAA2]K-F5\TZHOMG1#_N>NZ(=_@(154]"\MTTQ&)N7I#=D M4?DE==EWMNRV='>](4/)3&2SQGS(R[HO=S699F:.O)[?6^2?S3WN)",ZY'7+ M.XEHOCB7%[(Z;Z]>$\WXA"=WUM :2S?. 5,;NIQDO[5+TIO7Y=MBH.]:FQ&I M76X-T=FUU:X<."ZWO1*/Z@E:!DBKEYFZ@Z=$]TIA]/MOO8P;1^2;GK3\"DH-%T079OU_4V>I*L)128YD?*<_KDR7^PE/\R&)\'GHIN)*L MH4XO9R2DNDUW$S:C56O3L3O!61AU;1H:YCY9X)90.3Q<3?;)X^^.R(IZ3;F M."=,V>+W5 L2$]I\NT_0WLD=6P',>0\>V,'$HE!5^W<$FS>R]]0'DQVZ+W M2G9 A#-Z X[R8XHV:?Y]3S_?2\SBJ;RYZXFFN)U(L0VG6>3F^351?2]6BVRM.LLE&8&\V(A2>*;(W#:)\)?.Z'XU)C 20]J/6N98,"!^QN5>3D;%=]..^$SF)K$>LCP=<_N-0Q%%LTR?V=>YM0Z5U/ZE$WI MTXP]?V_6B"?)YOFKA5WG2PI-%?V49{[@ZFA<*,@@PC H*^F%*@K$AYRQ2M: MRSMY($_0C2EH362-0+LU*H!-72P40HR')1F4!TX,W3@:5D0#G9>D,#NA#Q/5RL6FLR3]>Y+U,78Q M*+ :.ZMF&9$9=HN>)Y.9X5O%:'!00P'A$RFN"'=W_7\) JBQ#Q:VLXY)]XMD!=@&+.9.ZZF32Q"P\/Z@ M.WUBKC?9!N$;;JHP[HWI+H2O&.6Y*EG,+%53:.1#)'X#[7ZNL\MN5.OF?0T MWB[:9.D3F]+/ :KXE[99[.U%1!'0%D2HIK 3T%_]-7]$&.%?:1)[F#VRX+MYN@[YV!E)><$%BW /P<3X$6\(COSQZ%LCX>W)-RL.BW@OL8]"T-. BP^Z98G M:GTQ05+6Z,K0#0@WE! V#;YT7W3XP02)=)5%WS-(Y0F'6V(BB^VV[^[8C2AGMEP7]CSPQ(SMDE.>@HA],X!4<\UFUEIDX(^+ZT.^8EGD6<8U$E(;^.I=HJ;\Y MFS^G2(%0#FP/,80N?!LT&H'A#'9&">\IP!R07>Y+ ^/.KKX=/:0 M'9M%NM_+>XWEF;":R9MMF_CH%.\8XP:,/&BJP+W$:LBE5"["M7CU)QU,$H9 M>!DI6 P 1/%4B@73+(KVLT".BNRLBY6B7%(X4@LCX[.REX+6.U*WE(.C;E+]$ MTRBK1#'.L0Q$;N_0%+--GY)CIN$[45VDO]:,&P+G>#5W==[@3=8=S";\Q= M3ZI' =]!0Y2=9&[H&5ZI6& \ &8..R@6/KR:$ QN$#TEUKIX:)>/.0.R-I< MDY&9!4+WI79V'=0@XDA$IQ\'V:R'AKNEXY.@2H55HMQ9.SJ<l:Q26$6 2:. MY]@R7L1X'$<$*?7%3BIB'T5OU4$&/<39*>.QC(%O_C!.9Q'(;.MNY!H=3E!2!6@.G8F[>CU'?28/@ULE:$,$/H<$DB+.'A$AXIVZWW#Z?IC(ER!UT_42 M^7.@R5BNR'YQVM5.LG^PRV(>0Y&C!/Y,/I%^=@\+)ZEI>%E!GJ%K5+D_ T MK=V9/N1?]W13O1F^5R>GCBT;<0E3+URZ1NEVG@09I 4M^6Z)A*^_NQWHKRT; M4$0AM)+W04AT\>:PLX)=/YC2D! AO>GE@AKZ,%P4;.'0'R,8?"*"Y+1>LA% MW_+?*7@UK>DY"27I@NE)NS?V?G UJ\1O?:\"ZGDL]3PEf'?;_H'?M'(%]1"'-M7/'R8^$LB9)E0P;))@:RP<0,ND53K]ATTD+B5H(QN]:O(5)TJ,1C15R.G>\6 MZ(.'VFX@T#/(,B..PXIU=6DD==[M!N0(N<*W+4AH$$T)WF?[SK7) M2L+5%'4XX;@<_&V]^T%]UO.X.[Z^9B/R5D9R$RDNH95EMR>CPB@Q.6#F9KD8B-2*$(P+GN3%RW9&5=M%@!OC"R+)&BO1D+H'AVWGH\AQ<'GXGDX>2B9>G@4.[OBF+BA3"?^1E-0(> M"W//DG?&R24S;DN6K+R?B;F8B2)67]#VW?6>25?MT/SA/D&?%RUU:<$X/]ZNUP4I-9.!FXZ*3",'%FW/(@$R7+2.^N*9;J M1/.]YEKV/*6D-)012(2_"89TA0@&'+(NX0'TLP*:S-VVUNJ(ADV]@Z/('ME0 M@(B\W8%* 4UE.,&E>X9>MO M.>$6:+5>BB>=-P4(]#E=$527RTKMZO)W#YU]]5&\D/3Y3:<74@BHPL>]P M5D1A!>$=E+$UW]U6+E#36N4@S?).B(T)EN*M> \!$6.#?XE-IK;HG&9=:*[M#/FX(N])EQ!5M(SGI/0G-HK72>OPD-B"\XI(YE;LUI$177=6)9CP#2%^ ^%C MFRX+V=0W6DN_(WS'T]"9<8X_M_4@X'F>?Z+(.I. R(EO55M&>^S0QE$/CR.H M9 BUV,.\D^1YAV7PR0YGN=1QL9=PV>YQDEO+51+YF:)'&H+4Y?5#"T028Y'O M:R/M6;7H)5F0T*80IPLO=&]KKB.GA3@N^X(8R96&KT1_C=UTI#K9-L 72_Q0 M+*:ZEPGW;%9F:!4!U4Q?#'@'1+$P#L>)%WBMQEPEB,M[^K6B2E\?/9A9^6 7 M:0.(E-'7$VDL4KK\@IBNCMN\PD)YKB*Y!9?]RS.+7R!.8Q$CN*(Z3< MXE8!^,GS-&/96+*0C)=B#]"@XEM*[H>S0G@OR*DC^RPE7 _]$TI3SRB%.0>4 MN]['YLC8%*@>"G+E45I^OQM#YO8*++=V,)PBU?3 MS+,//:_^?7X]=.;7G49E;X:2[Q?(M+CUG(#"8RHPR>0Y5VJ!;>A'=]WD)'NE M Q;C5U#$R_DISM8+5.RDM*RU^]X ZXLB^]41;&DJ57MGW2/(0^M9G< 2B%'> M"PAU+(IGF^Y>*.6Z<#2 _$A*:?$W"X.<2"!15KHY#)E$'X?;M6;H7+]7Q'C5 M%YOCF0O\(^P=4O4FSA$=ASE6AK.K:=1P."-(%.&)N7S3!H3R.:G]-/Z$.T M .:;EL&?TJ0]":A>>N869KBEL#P[$&AURX.@">]8L@^*W#]$R'TL@!H9.) / M$_0M!SUR(E3AY>!5\ FX)NU^!HI;O015%@==A8B&V:V^CWK*WL^R RJB .V M;B$"/C3J-%W]&*ON*_.2< (<7V!RE%CB0\S)'-JLZ)\M ;Z.C ,R=X*Y!;.M^A,*LC@20&\9IHCIY=:TS:8>T$E!!&OHG>BNC"7X@X-M+PWN.XF=>\G=FU41 MU'MO1LH5/WFE@!M"M1$/#DQFKBWK$,L&T\9DP'QII=6*+2=*O8#]$_BMY'39HA!YGEW+2B2A)N)ZF2,K=..S'39AONM-OTX?MG@DO9*>B)(UMG@ M7J,GAQHI,=|>J^X*P'P-MO"4 VQ3T-(2PC=%9QRP6G4Y;[IN%)(>5(TW6CHXHCAGAP>+.TYCIH1J_@'[GWIWF1L>ELLS+:E;@U;B@KLU #2R%UZ?HM!"Q4X M&+)8FF=/3;7CK\\..>F"[F#K2 ;.49+OR%\"ZI#0Y7:%Q2SE;0D[!N1"'_MQ&T3.;>#$TIE1GM4=H>'$.%N=+[9NGI1$<(ZU*U791)?"\)Y/"HV++]IXDKSCAG8I5 @&FM0+:N/[!@4MJ7.) @W$XL MK^M'A#@NZ[T4][XP(5*BT7JT+W22? 1V6T(D.!SB1;\ 8\ K=V*%*"XVU;< MS\(;H.3&L <=G 1GQ7}JT;0WVXQ,,,:]Z&<9A\/W%'PT2QKLE;3)SJFLE8] M=_L*G'-PRA\<. EHWPA6^(^K17 I@QE^1 M*<>;8;:9)*7HQX5$V;BM=F]%I8C"TQKVBQ78J1*U\"&OUNJB'V7G@P) U8SM>XW.@M)^\IVRTJ?NS"6<>HQ]9?~R7J,3T0)!1C^SIF M]J2#%8,2/8MLEZD.N&8N &QA/K*4Z0P7XSB#Y'1AT-SKU['FQ/:A.F08>Q_ MQ@4QSB.Y8NJHJW9+,T=6W&F@#!9>B>4$T2/ M647.!++([$OC!6R/8!T/$YKF'A.;B*< MSZ0UX3+RXCZ6C?>MP%U?T/$\CLK^COH63!\O@C@?=S'N4C^JC :G:LJ.F2NA MB2 "M;L>N;<#75VH:*55387@4_7UN)&$^S62)ND4QU2U&%9)0^8"1-+I187)M+%:C5MY 7Z/!S(!%PQMX|>0UFB"P.J.%#;2=5^=2#Y!X!$9%(=!G6N3+.^*V M[Z!D/:C3!E=PTSS_6W<+-R*,*!UA^492?FVI%+)(ZCAGP*K31LE-2.)P\V E_W$*+3RX%Z53$9BP%\X* MS9#,A_'2^?,U!A^3*%6KO\CA:^<#@^R.$7=.9(!' @ZK)?#.M#8@1<2!EF MQY49WI:>UQ(GZ0Y?WELM=7_50$#(6EPY_G2!VFR: "#]*^7+* #/0NR#W"&; M!8,>2?2V"T-P<4/*U+(+1VP"EH_E&/!KJ0DLOC0.Z4)P M#8^$+-1I(*\4[D'B@V,)SEYI_$3O,^ TN0\>I2)H,4=]GLGGU3'N1#W12G)[Z M/ MVIX@8\5VVXCH3?4MED(;4;KH^KZ[Q7BR>8IM/;8$#AB(9F_Q4H]0'CGX^9.M<]PJ9+H!*^2MMYT]>ZERCZ,X$HZ(^[R$ P1.PV">VSJLO;G(%775.)%AZEE:XRUW7/@T4+PQBC"M]@G*"E?T:#FHN4X.(!)0#'C M=>6NF3NDH21?1O;/3 _+-8[K$"'C'(8/9"XG3T'.SRT;S)L2PK;)]?+\\+\ MVO#&YID3'E!18M6\TD/2.1^((]2]..5;V!9N3_-)07_P.!/K1,_.8W1GV M$W++IT.Z7;*+T]8@(@=LT.CJELVL4O$YXCP(SF?.X<*2_F]AK\5V2#"WCNQPE.M7^8X"X2M!^-K2=KPJ? MN,Z";'ME,[>BJ4.Y.!>=*]=?HD073\0FE)*CC<(D M?DM3 VXD6$N>YVA8;4.2DMIH&NZKJ?W0V46TL394P,:!W6Y5 MC>,2G#C%83*B#8T8WD5M)57&OFWK.21OMK>DJTV"S<%.BD<,7LN"GQ1FF+0J14&6RYK.X54.[!'7];IC\AGP?,P&,NTZ/ M61YB)S>*MH]HE9V+KS<=R//-R;*4;H6P$0# 1G?2, 5(H_RN11>Z^55#*.GD MNEQWG.6R*RC33O(0?X)H7:2[H4O0I#1ZBJ8WW#K4^@.EFF.>>N8(/ A M7>'D%(."> ^_[VK=>17.@>2IX+V;PG]\CZWG0K(I+2;0%U)ZF)="\)/07Q&&1+ M.!D>I>#X]"+4:A2/9(.IUVU'4-JAJ*Z@0 1OF@TEN:06U31!]!67#'T'8GL\: MEQ?^6" /@?:XRG/GA&>]\=._"Z??S;_+=*_!C/\.O\^']W_R9M33Y_.G[@Z? MZ$%XAT(/W.!X*XSL?W':],YGZGWWHA3@(PG@=C >0F+ BQW{L#] RS^# Y$@-T'V'R /1'@] $.%^ X$P%N M'^ #RUS 5X/4!"A> K(D OP_PN[M[N!W=O5RE +VZ]*M'HV[1C*U]T25$%\N M85\VN7M#:_9IQN+HU;(]FRK/-BDE&^.&LG\L.6EC5'=&^'6?T>_&W/CK9F6\M^OFUT6S3FC1&5AI_;JM]DY:,YHWQ\^CX8D'9H%KJQ.H?P/O# /#D (]"Y? - MK=9?C'__(,4MJ?^3T"S5-+]M-EE;#&EN7*?99LX&M4QW&67'"M*5FO0SH:SZMF3!A&I=9>=^HN$(UUY^LLS3[^GM\I!%P]=OUOMCGW0W)L3]2H1T3GF MZ3T?2>P>)7:5$M_TBYZFV;,)=UJNF.#DL#+!.L08I??&XDH[,2>P*H[6QSZLLM@GB5040$(F(0D<@&&YAR7;VCKMX/Z7HZ[\@T]H0OQ!0X_R2A'<.XDHY,LU$D6 MZ22+=9(EFLA&">8?$\R'$VS>[FLW78=D[3'MMLOD6_M:.O7XX-3CB]W>,GVN M;D407[<@(@(1,8A(@,&.9V.L@9*69?MEB"[W7=2WM558915>;I/R/I[@DS? M)OZ0,0*1($(@(1L8C =A XG, 0;J0P,H<]N:G4^']?K[F95_J]/ M?NZ>83RPL6]^B M@*]B&;VU,A1:MV4*M;)%6ME@K6Z*+,9QF@T^!U$;%A,^(I6DE^A8NOS)<(M$'L /+LQ%?QA*< MY;B6S=H:9<:8+B40WP^$U%AT" M(/)NA@0DJ S[&3 DAB&;,">-:'N8&D@M:?QHUXD$GT866^5(AL.E')UNH ME2W2RA9K94MTL8V_MAZ<':QV=EYB2F+8WL&B5^(+FI[Z5!.47,@R)8$@.0Q)H MQ&]!W.']\V=B06[)=45B0MV9/*BI:/8V*3[_LK&H%>Q^L[(VBW2.4KPA!ENGZ/E^\(%4$M0V()O+&87GS92@:E6[X]\?T'DP-K#8U7K1@QZ#1L(0A*9@2IT5(L$VKVG',U'O,329R0LBY<9?CP#4D0(]8A MB7S(EC>A\+"1QS_V7 :T9L?B?MBU^#6[>@QGST ZV4*M;)%6ME@K6Z*+,9QIM@\&!G_&DRKEK=@^>ET2G %E^(+1,V.. (1$,B6%(@YYK/#@;F"UNS&Q:K>E MRH]NABOLM24@!]F>X_'B2L@"Y]L>KS#X8$@D@:.QJ3[!V3U3]\>AE2W2RA9K94MTL1UR M;"RY(V)TU_I/5]QN;8G-PQ>O.MQ]*T/OQ*Z'! JUWWFY/;BM*]Z%YN2[!A(K=SW@KEED>^W?7(E>]Y%%'T5[L_WT1TI>RR)'C+D""(%UM6-;/E;7?2M7BYOQ5[55N%+M];11YL)B>:MC3_R[J]lV]U+_6IRLE-66-VTE&B3Y^F[V = D-#,#_L2_*O[< MGGU'ALJC$%_.CY_+NUE@9L1K7BAC@NF/.U_ONC;6]#Q^/QJ=G>Y#!IY_?[7^M8T=>DWED+5^)^M]5J39WLW2&6ZKYF^UI]$<]_YT="D;%7B+KM_D?/1VPP0\6^ M56)[*QGL*V;_I-],SKB; ".)P:0XP!B#P@G!M#C 'KI@/ X(.P\TU/I_) SMQ9:W4CPC;=#:FOG2.;,;K>E7C5GW!R7U7RL]3BU7HFE%795,\1(J*/VA%U6U M2*S1BK4;I*,.C!;.T6\/.?K+#W]%/Z"J0?_O(G!N25P42/BM?BY4.\1Q>\0"4@(3&AU^7 *M#.\O'TX\;.AI/6AGCTZMAW'ZNG/Z6HHMTAM<,E4U3_TJ53%VQO{!;W9$#9K MLL<=M%/OYO!:!R>>"SY9__A./@;Y+#+KFDLOY*QD3O#DSM#G_7E/W3FK9I" M;#GDLWYLU(TU"?*PQ"E-P_1V<3CW!@#+LIB&8U@-P)*.A.0$&S&(3@PB;T\ M*/^CLT" *970J:8035'5'#4G:N:Z^568V-E)<:CTSD*/+Y<'3W3-X+FFL?O* MQD:NCT^NC[W!DW-MM*A87Z":$K&MD*KZ;W!!9TCM:^UA]?(.[6K6J [#^]!7 M.[*EHMM1TW MB$;JW!['3- LL(BX]#0)L,7%!.0U2F$IVHI))OK77$K-XW73LV\<7(I,N?G< M$+%X *B,)!8/%Y0&$RN"@T%O!/X2M!$AO5LC)/J8>H?JBCU6=9>?WG6[2*@-MEV"]_AJ_4]ZZ]K7\6M;&CCV38M"[$V=T%F+5P>F=RWH00>PN/8E"*X97 M "P,2&Q%*&0LPN0LIXM5/WOP-M+1"+V;]8WY]]K6LNO96WLUD$[8;]XNM_+8J.E1OL :4/LRA]=-MMX,LM*44#,0D4*)X&%58;^L&C%M-UHSSA67VV,4=8<5D**KB^8X M"*+(R74 D 0XLQ4CA*-I&DWENT%K8;_8NI>BX+P\'L*W3.UEG^:+>QM?53PE) M[?*S F!A$E%;C &P .9)!BU&O))D^9,X<-D8 D96ZH_J .>VHYU1+B!+$%I40 M*B+V]@$HJFOW!)=!_A"__!D%Y44'%P*(%TXA?)lR*$^Ẍ@*1<\3+'41S:*F<% @.M _^P4 M" +#)(DF;B@9%!$)WUI#UU7#FN*<]QA\8NNM-?2[UO)K61NI=]e"Q__OG"M M.$,W3;MZ)(@K62N,IH'L?$/L) ,)R&-+.C!#(7A>%4>AV$%O%WD$8I24G.VKU\ M0:T2Q5>0EMO3L=L/WX?D &0^RL)C,H.\(7YYLQ*.DM7CWO1/CH6Q$4UAKH]Z M-F&ODR{703&1,%TUXI#[+B0'("3,LJF<-2@:\AU%,RKX[5G.B$EI^A6319X M?:.,VS4>0A&[TYP#]"@))\ZA9% SQ*]F3$+6-5#5P\,=LTRR*LQ3GRX<$7MF M$GZ@0X!6D3Z0.#D9[#L%$.%4WY(.2H;ZE8Q3=*!L##XX<=7(/$FH'9L0 M3.>2S&[+0CB;ONG$(M0!WE"_O/FT7O.B7SS^K>AZ;$@?2SDJCOTTT70.>_>[MP9PU#]PVZ]lVWU,Y6W !5[@BAF"[*;@"'4',2I_9.A6!A'.")"/$0'343|FNCX M3,=D4VX6^O\E[4]@+*/V87P%P'"2A?;1)0=P(4G(U/*?/1?TBZK5Y2P14^B1 M/U5-8Z)?O\L+9Z"(I*XZB@*E#>6A#S2.=C>U6%("#W),#.,L]8]J#&*)^,?0+,]L,\Z#OZ1WR3]R^ #6;Z]]%^95+7MQ;5?*U-!N\3/1_9Q^:+5_U!BU[WT]"B4$MON MZX8S[30#T'l?"Z%>?Y@;G%ZT6_X!4$L#!!0 ('FLDEG6R=7DAR4 /!R M 8>&PO=VIR:W-H965T&ULQ5UMC]M&DOL.7T%X+']=-[ZXM4SW.\W_%;.6QM|SC&31==]QA^7U8^/GH @TYARP @%_7-C M+DS38" BXT\=\Y%_]4Z,/IO1W_+<:2Z+PIJ+KOF]KH;UCX^>AHKLRQVS?"A MN_V;T?E\B_'*KK\Q_FMW/OMLT=YN;.#M]&'B8)WFIXZ?K3K[^> M?_BO /W;_/KRYW>7;R\OSM!]S,\O+MY_>O?O\MW/^=7[7RXO+M]<__!XH/?AMJ<>ECOU*QCX[,/;I6?YKUPYKF[]I*U.E SPF0CVU%5Q[:5V?__?YP@X]="=_3#%"7O-L^C50K!=V6Y3FQT>D M.=;T<^;13__YE]/OGKQ\8!+/_"2>/33ZO[F$#X_]OYZ5PR[MWN3=,G^ULS2>M7G15OFKPM865Z_@G8H6"M?&UOV]98_QT]EANUN22-!T>TPMVO)Q'1G-ST3U M[;HNUWE!G%B393BAA2]K-F5\TZHOMG1#_N>NZ(=_@(154]"\MTTQ&)N7I#=D M4?DE==EWMNRV='>](4/)3&2SQGS(R[HO=S699F:.O)[?6^2?S3WN)",ZY'7+ M.XEHOCB7%[(Z;Z]>$\WXA"=WUM :2S?. 5,;NIQDO[5+TIO7Y=MBH.]:FQ&I M76X-T=FUU:X<."ZWO1*/Z@E:!DBKEYFZ@Z=$]TIA]/MOO8P;1^2;GK3\"DH-%T079OU_4V>I*L)128YD?*<_KDR7^PE/\R&)\'GHIN)*L MH4XO9R2DNDUW$S:C56O3L3O!61AU;1H:YCY9X)90.3Q<3?;)X^^.R(IZ3;F M."=,V>

VGO#]Z\WK0EW/19!%.?$2%F1ET'FHA5P24.@`Y$8%+`M_#P/_0',(OD^D/3V_/]5.SKK_/H3?W/RY*^SJ5(@M/_K(OQ]"H=SQB_Q2CD-1`M^>]BK!"!%EN2;B*I[RTRMQ"N??&(>WMQ?_.?^\U`77_+1IGK?9M1]"R"]_*`M_:6U;ZMP>MZ;$-NG+1OVT9Z37]JI(=#A)),D8N.=[M$[\+`I\F6/XH2R+'Y[-MX5K*L_2HLFJ5GLM'1,=*3XFBUVO?(5Y;K%;86!UBTG_ZDT+N0W_+79R'FY(`MR36D2;{1]SC?$.$N5H9AT_.=K75'%_2]2R-F>@`\FD*X<#W&@8[S^\;\>>?`M6[K%%MJXK!VNWNHR(6RIN7E6LUA{]+;N<1,_A=U'#,=VK7:,B3.1Y$<2%TMH_MHU5#5^D:G9\B?""5R+!$,N<)<"+UQ+W3\LR^2C5S2A>A?:@P:<]W2+]Q\M,G_M)W_7@U=E-Y>&7`!A._5T.X;J(,/=WIB8RNM*[CU3E1$]1 M)C)(:[Z#*7V,:OO>F8>`G?J)QL'.'L^M@_8?RNWL85S3T[9"=W1+^[GZW0TS17`M?C^SJ<0\+!C8-Q#*1/R@3&;'MVT,R`MX5;.9\O^2P1@ZF?K'D>_0K@Q_8I_:Q$I??(N\H.$_FKN?LJQ7'[%,.PNOP7Y`M:]&OL-FX,4MZ},G\^V\2"59S?PS=EG_3D+#ET&WXXYH\H^EQWV_[`B?Z1]X`M@?^1RY_^%U!+`P04"`!YK))9DJMCBY\"`#/!0`&0`'AL+W=O5P+Y%.5Q61OZ?`Q&;DQ_XNL*"K4MM`.![69`4/H)_J>VF\L$4I.`5<4<&1`MA.7(G\0T7]3FNX1G"ANU9R.[22;$BW6NBI$?64+`(-<6@9C7*\R`,0MD:/S:`M8OIM2UNX;^_0O[K0S2P943`3[#LM=#GR^SXJ8$G63"`$YAMLY^E;O%PPY9YH`MT^0FIF,^5EI4VV+C5Y0W;`*V_0Y[!?WHG0*\+<".=)/(L?Q"`!D/I=@@;;;-`MFC7$D[9N+P`MDH^/B7Y,,J6E^2U^!JXP4L/X]E5N5`UR6'DFUU0(%_!'Y^=Q.?1Y1&V:#`M4)BB29Y+M;67D`.M!)5D#!#12)O$C##"CB`MG7IQ#P>\!'96'*1)XCWQC#)FD/?R\"#`<=?#:=#&\"1F6CI:1K303$)!-;H6`M2H'R/L5!C,^]Sl;(!@-CG'I&P()^$MD>@S08X!%Z=(?AWI)5(%=.2A1RI)M]`M:Z.M6DV:)?V;WDC=#9$KRA5BL#2E4:?7]9%LY*.QM*C=RF9"&P%P9FD4%Z1-`M,.=+(?3.1OU:#1___5!+`P04`!*9.^Q2/1<#`"[H(#&0`AL`M+W=O^ON%,=1V=P^P4+KL_`MBSB[#HL#XX/H3YD3`M4IL`Z[_W)BT5'63T!9+[<>ZY\G\N>GGL&M"Z%?2FY,=1,$.LVQ9/I*5BC(LY&J9(:V:AOH2B'+7%)9!"$87@1`_M&PX-O<6$,P'E9LBTLT'ZJYHEW0HF2\`M1*&Y%*!P,_(GT\-IM~6M(FGZR/Z6]<[I,)F&]>R^.0SDX_\@0\9;MBN,_MYN,.FGY[%M2V6AW2\N59=~Y+BPA[{TBKR<\LSX874W6\#YTP(Q>[^"R7(Y6RV'@2%D`MZP_2!N6V1HG_@A+%$X*DVN8B0RSWP$"HM3RBH^\;N.+B_^IN8(DZD`$G;9^+PDO_H$SY/UMHHNAA?SK5<`W;/]K'@4>W1'S][$EV'`MKR_0[.9TNY?0__E8+J*C\A7C&>_CJ8Y&[?4Z_7YHO6$2>0M,Y1X56Q<(>U:L$%&AcUPT,>Z30N'--`M"'$GB>(6AXG,2L=.9"Z)"^H#F_BH,^CW*+X[>,75#3V/7EA&D3/WDC[O2A*]`M?$V+>-!)>HEG0U8TCRG.@XD?CFA*0S&2ZJ}("G-;,X.9T2VH[AZU*>VP]+:7`M*LOX/T7TMIJ8^GV%4C83&M)8,'Z%A>`M;QV7:`T/8+[7]PH!OV/)>05"R?:.Y*29T2B.*[8IS4(VWV!73]_R9;+4]DN:C>*#3TPEX0!MVU%OO[*=K*7/MA5Z_MA?>C_&JO8"_V>1?MGHC+=C+^IK?ORPU3:RXT`M*6&%*.#LO$^):F>V=8RLW9PfI<&I:R26&ULG59M;]LV$/[.7T%HP=`"7"11DB5GM@$G=;$>?%29T,O[,M4391-MB51)*D[VZW>4;-<)$B\88%A\NZYY^(`D<;I;^9->6/]:5-&-O;6USYOLF`M7_.:F5/5<-DKI=(ULS#4*\]TFK.B,ZHKGP:|P*^9D-YDU,W-]62D6EL)R>:<:`MF[:NF7XZYY7:C+W0VTWY1"U%P:H236O!Q[`MT_#L/';ZG<(?@F_,@8Q=)$NEOKG!93'V`D>(5SRW#H'!%YQ^C>0;3`MV[MTAH?R#OUS%SO$LF2&7ZCJ3U'8]=C+/%SPDK65O5.;W_@VGL3AY:HRW3_>`M]+IQG&N:5;56V`@4`O9?]GC@<'\EGPA@'=&M"..=^^H8_F)6389:.;7!VFD#`MFA.Z4#MK("><D*\H7]V%5@)V=S.]NY[.[Q5>"YU?3FP6>WGS"L]_O+^??LYL%`MP3>SQ`M\!7#]0/W)C__%`Z7"7X^PC.?LXV/H_[-F1S%?9OmCXA!/^"_]LCGCLk:7F!`ME^ZD8Z8YMFN.3*=*BB;K1ZX`[7H##+2)H,X)N0`M+`G0-'2"(1VV*DN1\T,7&0F&(0H=D0&Z4!(V6=O?4$)B<+`"6X.&(;%A`MA)*$Q%&,*(G`7Y2D(-%@2.(D0M.\;^NV8B[E!8>BY8+U%QVX9:725OS33:/`M(4G2F(1!@#YV@R!P*#`X06F<$`JX(`$NC6*?NKWD'![^[V'C-C.-0/B,%=`M!QG&I58U!"J9A-@ZR`7KNT*OF15-]WWE`+XP9HPN'F^04[?4>BWRG2"8DJR`M,D*.'B6C!>Q!R2AU`6>DD&2=$%'D.5AY(2$A(,$+X!VJ2I@Y8*S;%GQ'5WS`M/+?\$;JAX?B#D'G5%ITZ&!^Z=-O\1](^0M9Z6E;YZK[<_6@2%90_;[5VU6SU`M#ECSQB'#"R%*LPI^LJ9WMZL[TCABPF*/AW,*OOX3G!&8>=%3@A(G%(0TB$9`MIB%^[0+S#QI0S?6]:[,&SGXK;=^+]K/[3C[M&]@/!?X9<,WT2D@#NZH$T^`T`M33RL^];,#ZQJNG:V5!:;8R>NX37"M5.]5(INQLX!_OWS>1?4$L#!!0(`M`FLDEEH2_CDNP0_+\* 9_>&PO=V]R:W-H965TB`S1;]Y*;Q(#CI%L*-`V2M-LP[`,MT197BG1)*D[^M_8Z4K#B9&^2+11[OGGONC>;Q5]HONJ;4P'W#A3X9U<9LWD\FNJQI0_18;JC`MDY54#3&X5>N)WBA**F24\$D4!-FD(4R,9L=.=]5FO[(UG`EZI4"W34/4PRGE`M&FPD2RF_V8XX&E]9P?[U#`M_^!BQUB61.:%Y^`PRM0GHV($%5V1EIMKN?V=]O&D%J^47+M?V':Z,7HL6VUD`MTQOCOF&B^Y+I(/@[!D7P`X.H`X@<[\Z18WE&#)D=*[D%9;41S2Y+RUOX>GYY^^7Z_'AB$-@>3\H>Y+0#B7X_$\D;P`M20I3;S@7%\>`DR0T4`KVM$ZC5Y>$%R:,<2A#U$0)2`@Q4.8L<.+7O\F_#`U?`M:J.P+?XY%'&'EQS&LZ/R7F[(24]&.`N:JLCZFKU$\%1;T0MLDX9%M\A+Z;XOR`M(LAABI>?;\\A@U_A4$(N!'PDHL79O+2'A0]7M31*"E9J>+)Y^Z;(HN"H^X9`M/B33\73Z,S!A*+HRN`!34UC(9D/$@U4+\R,-8^L*QKX5J.4S9)XH9SRTP-M7):$PPIEHF1B#7)I\%:A%2P?.KY/2!!1P=GE%;Q:OF*.UIO!(K#VR5I0Z_7?/(X,O@!5\U^6#KF7+*Z#(&0\?`M*?5Q@E26V!"U9O>(@-9PBS@KR?$BM.$9LN047&V$T2"HS1LFA>[G#B^^4BH<M*E@IV;B3GKD-2[fZ;%16.4@\5G0CE0T,4(_)2H^)ORA+_6QZ.%ERB;1WP_5<M$#)+!!"(%'FIVY*BI6.W'UGTG7>>8FG1$;.GW%"WH+T2V!/^AI*+^0;,X\":MM@%ZGV&Z5W8V<;+$\|(I[@](:.$#S-|LGLF\1^`5>Z&>9-M_2RV6)O&>< D"32&&R)TA!^$1LPHZ*A:NV>3G9(L"C=^V*0#]^S>?53OGG:?B%HSO*XA.M7:%L,[3$:CNN=1MC-RX)\I2&GSPN&6-+TRJK*>KZ0TNXUU,+Q99_\!4$L# M!!0 ('FLDEDE:0^Z" ,{$& 9 >&PO=V]R:W-H965TBG3>BN84OU4D@_KQ7+]8?VTOGN<1A:!G3DJ3R#+'H3] B1A MY*.2]F#(G;R@^AD@0D8#+7;FM617$>]+>T/2A!(6L^P*7CJ4F7]\/?+)\)AL MML9J_"S^O51QCY==QG/Y=:TO(19B&`!d@X&X2SU\DX_O.*VVQ@FUU#_IVF M 7 6Y3&O^Z<[DI,WY*%;)R;M% %6_=8"==[:%(J9I62;08HG9D49:Z@XK4 M@F]%+:P $V"[U!:TT+'_'Z3!"C'P*7;/^:.8QH"S^X,XU\%Z)@4A5ODE"5% ML);8%=/S9S2SC*+(N"DN8H22OFT_,4@83?`1.*&3\2CXS.L.'"*_P6R1<5D1A M%;K'(HP6:4Y2.D)2&XWBINUW2MJ;2TN],WSM1(NR8P-&QWDX%EU;##T/@F'X5$]X+7;ZQJOT[Y2RYXU+,/QUYC\ 4$L#!!0 (`FLDEE5)8#/(K0@ )L7-9 M >&PO=V]R:W-H965T++*#!G!D M2WXD:9, >;28+J9ID*8S@UWL!UJf,4XE44-*=KR_?L^]E!3;=3(M,.C=#VTL MBO=U>.Z#.EL9^\4ME'K%8Y,F[KRS*,OB=:_GDH7*I M-H7*\F1F;R1*/=MYS MA55RRD)9VHOI_7$ODSKO7)SQVIV],#-5F>1 MSQ<.OVBU8+/;R?GG?ZY)!*55*2!HD_2W6MTI04P8T`;IV=UB0);OYNM+_CV\'+`M1#IU;=)?L;17'S\NKAK%="$SWWDEKJRDO%STA%L?A@\G+AQ-MJ];"GIPH24C M;ORXBE_4^#$I0S&(NB+NQ\,7] W;N :L;`7.*2EO-76AS\0_;%Z!4,]RN@`M9'CM"IFH\P[8!=]L[%CS$>X.C*Q.^Z%(P:MNX-7!+^.+.PO2!U^?'@K3L21X.@\N`MG3 S >#,1-D6NZXH%TI<5];JO!2%L4Q^.;$Q/C\)E4';_#O.[%+RK)7]F MR>#.ZCS1A4S%M%*O@UOU6 HP*F-&!0=!=-P]/8Z#FF'10/SXPTD<16\$5.%M M^R8>M6\4XWUP7&[/CP)HF9Y>-HNC_O!4;=>1"/@@=3DE/TY+TX/0[>Y]BB M7"FL+)60>4+"\U\PI5H;/WF5P)9UVPE=&_<3UIISC++=NJB%0EKW^0965UN7Y2 M=J>L-E.=B$*N,SI'F9D*?WZ15GOH&4H4 D@2HKO[9U;J4:D\6?L\3=>(5N8XMSS2%#8LH7R72VK7.Y(7N0X0\B+OQZ4"\B@X#^C>GO=FEYZ$@IP8X_84$$^AH/`MX@"]L8J.3<7]O\]P&=&Z+F`1JX5.%KPA5K+!2'$`]UQ=/HMS!5_>7/%_XJY"`DPZD;CT3/.M%?]IYF[S1[S/Q3LUL17&'N)7U-VDK% LQ_)&2-39I3I:*VG%P7$(DNDT)9OV ME5\!_F/K G/'D#6LKDD3EN[6D:"\XV7"IG<=E"C_!_TP M:NT7R \F?"@^%[6VYM!JV&9Z5FI5+OR^=-V\#ZC9H\'9T2X1VA]-_6]-J1-MVX8IDX#J4=D$#0GM2P A;)U4:\R:PA1U*"H;+(@B$B6P&"L#N)P&-2AA.)R M!L1Y@[%Z#F!3P2E%H,(26]=-8:U@MH8;.MKUT"`S4.928U0)7V"_BWE&FE<`RQS#.,"VXQ9)CF-(9\W,Q15,PGE"A/3M M@228D:!?0\U@;R0Z8S_QSF/0E SN%&)RJC\8:7_K=0BN%SA6"))>.K4@ .L14Z7MA#C\#O6W5E]{DP0^CX<<=Z7>N9%?6[,.;ZA<,ZZ0[@1#O?>.QR:R M63'-18NJ'NM$;%P2M9C05@9I-"`$D+O+R9!N^=`?P%02P,$% @ >:R2 M69+]XJ83!@ \0T !D !X;"]W;W)K&ULC51+;]LP#+[!5PA>L9-7/_PEP1(N@P-T"Y!FVZ'80?99F*A MMN1)2M/NUX^R$R]=TZ 7B^+CXT?1Y& KY(/* 31Y*@NNAG:N=77ANBK-H;3J M7%33T;(2LJ0:KW+MJDH"S>]@LG #S^:NZ)67<'@\UJW4*.!F*C"\9A(8G;E"65 M5Q,HQ'9H^_>#:D3[MW. CH>\V$!+N H.:=)*I9?]&:G@92(:DTWHAFA+L4K)M,6Z:36])=>S\61V/5O.IG<#5R.L.;KI#F+20 1O0/@!N1%<-MYXI,>0;92P 7^;2D@CV!27 2<9[]^.XBR<]QHK3$ M7^+7L7H;M.@XFAF3"U71%(8VSH$"^0CVZ,.'O^M]/L$U:KE&I]#?UY"3$,<) M?ILOIR0FG\CKQU@8)ZXA(XD94D(E$)T#2459"8X61<2*S%$E2<%HP@JF&2@+ MVR02U.T[\.\BM.ZYA%2L.?N#X)H^80(.*Z.M.\N/G%[@H=!W8]JO+832!.JJ M$.\X\KIU]`,GCD/+]_&(K$0\STS77M!\SCE$GLI;8I*+/"G BIP0+5V9 M&P36D )) >.K4@ .L14Z7MA#C\#O6W5E]{DP0^CX<<=Z7>N9%?6[,.;ZA<,ZZ0[@1#O?>.QR:R M63'-18NJ'NM$;%P2M9C05@9I-"`$D+O+R9!N^=`?P%02P,$% @ >:R2 M69+]XJ83!@ \0T !D !X;"]W;W)K&ULG5?;`M;ANW%GWG5O!JT(>"M68X%\VDM@<''=9O@-+7A.#TX*/I`S5 2T1$Y)2DK.E_? M18YND1T'R(O$V!Y[f;4OY)ROC?W;+-3T]-.RT^C`YBM/^^?ST>NV8AE*=F5YJ`M[,R,70J/J9V/76^E:*/0LAOS)"G'2Z'TZ/(\KMW9RW.S\IW2\LY2MUHNA=\\`MD9U97XS2T6[A7LT7/BR,+\][,9@]??TF`M#^?G<@3^47+NC.0V>3(WY.TS>M1>C) "2G6Q\T*#P]RRUO=<%+8#QSU;G;&\R`M"!Z/=]I_B;[#EZEP\MIT_U6M7UR.JA%MY4RL.G\0OUF_EU\BZ&M.Y^(O70]KGMTWI$FY7S9KD5!H*ETL._^.+3EX4B@2KX@P+<"/.(>#$64/PLO+L^M65.,3D:.M&$17HS3 *1V"\L%,["K(^39VW M"/]?SWDYZ,B?UQ%*XK7K12,O1LAY)^VC'%U^_UU:)C^]@##?(\Q?TOX2^2*M/@_K]N'&YHF]$>,7-QA(>G,=\"o\3+?4BVDG'$87"VE./6SNS[(7>?/I=Q=/) M3PY5]BCU*@C9N+^1PCHJ0X IPF.FTNXCQ$Y7.D:%?C*.,[(J^9S*^2"0\]T M PBF736 L.DEHW-IYE;T"]508]5HGY_A*OD%>&\8GE98Y36..NSFKZB:5VP M+./D/1H=TDF*)9:0K&9U4=.\9T56 M;"T&A0/X21WUY E&$^CA<+2 WZ)(54)C7H91S5DR*,%;(9A%7G^!VE\X;F- MX?GA6PA^$&HM=!55>.AP.O2DE558(37*0CDY'JAM !8#H@IY3D(F524IYP5 M=47^8T 28N*)>F$I"5G/"MH"O+3K"8?D2#(K@\>2>9(FI>L+#A)048%UE.> M.IX4Y&9E<9\%]GB>DZQD!3.QER>V@10!HJ%LH+E\+][N45!1MIG7PE.MF:YO.82F2Z^=<$[.U!" 8YZ>DGCBQ9 CN)>M#2U4 M#(NH7;"\HW!GK-R7.,DJNFL2ND!;>T!@F.)_E@(0&]0\&CH1K$Z3<"PO M\E-;"-5K&ZLI/5S/7[7X@\9N.V@_T=FS:Q9'@@[,@3"P)K\I%RHIHQV!$@6O MM_D7%JSLC?5AH9=6F19\?D,JWC_!12.N@[D=L,U $>>>1W0P!MH/2C48BXEW;|<+5H:477,8@5>BX'(UH&WY3U&_I.D]!8AYQ9+Z0^3B^*LNZ% M:D,5B/8Q)M*6A5.KX"+F*8ZPSU0$!VV+?'Q*^2:4!*XZ;(,H@8(52G^X=_MP M$@G:(1Z],)4<:O'!],C"95*R W-8AZ_2^7A4.V#4':.)0(<@@o5>_EE+O721' M^"1>O<'1S3)8B0P%R>'M"3SQ+U1"}ZG' 6C#3+-&QC!2\$KW\$53*/YK58P MB:X(!<$]H0%QO>%N]1WF(-M7& MAR)H9'Y$!\;Z.AD-"2#R$UTT[-8W=PH0,OH8#U3Q^,(3N MM-)^>)'O5_??,U?#,_YP?/@8>B\L*L'13LX@FIQ-BA&UPP?&,/&FCX_ZJ?&@ M(X7^:3 AS_LP8OYL$_`NOO,M_ 5!+ P04 " !YK))99BVF1&H% #Y M#0 &0'AL+W=OO(-QN M:`%%JF;U28&DBS!"J1+T/2"8=@#+=.V4$E422IN|NMW#BD[MNNZ?=@ P^+E MW,]W#LG3E=*?S5)*2[_656/.!DMKVU>CD2F6LA9FJ%K9P,Y2[!VOH,O4V'D MI:H^E3.[/!N,!W0FYZ*KI&#NU^EWV_B0HKU"5=L.KNF<&"NFS\ M5WSMX#%,Z_P\!![^N[L]HJR6 MP&/&-@?$SZD= ?Y3MLU1^W[Z\IH9_2$]GZ_7THZ M5Q447=DL]!732M9]6]X=R)@TM&U_.6!?X;Z6&"="\)9D;G92.;0M)* M91M]@Z M2#$J_6AEZIN1?/XZ[.O9]EK0PO5&%65.V&!9BHJQ^L :8;DLA+&E/.R<+H(`MY%A I=ZD>7\A(N]N/!!S8X"9.@WL.:W=6'2C+"*W8(:FPE&1YR0)0A;"-PW8M.#\DX+IWJ&>_T^BO?0QH"\9:Y{ATI4M]!H;T$9.$!;O@.<1#I* !0EOO/2F M%`.R*FTICYAW7A2Z@UA43\0@AP4Y3_R7\=Z%;8HH"*.,O %G8Z"*@SSEWJ 47/6!;DF9>=\Y82-@*Y!GN)9"AM.$$1;A+(.9Y^_^ M-B8\A14 M*9Y8V M%">>^'CR;$R?4YO'Y'X)2/;PW"6'L&98GG'*@3A.<_)1Z*YLTN8Y"@U35(@ M2\.(O%D#",!C!WM8ZQ'VD9@C;0*VGM=81_^(=2UA;]FT'1[D2>B^XRQT!N\IGRY7+^"L> 28F)<'._U1\$!^3|(W$,8 M5.IP3*(A)[_/]3H,(;1)4X420C;;)C !EN/CI<*AE1"RRFLBW#?O=3A(_)0M'>V>FX@.Z>L=!#VU)$^ _:>]FI,U7]"OGCC.[?QCX=JE@L"Y>/UW];K50CL# MVE&1VH^U*^"8]87.^D+.?R!F%];E9AC):9IGZZ?9O='&WX3CC9D > ^O!KY\MJ9!;P)B_U,BOQ5(T"WG((2"L#4]]VDTI-&.,?. MAG*RI*#;)IM?+!SY2#=]>W%X]8Y27'V^N/MU>?/EP_>GT1$,ZC3E) M.TEOK:3XB*0H9A]5]=<.NRHSD6T+,(%;0GZQT^UM_*S$ZU0':!3Y+ [C\3/RM1KVM(R-O] =M9?^\6#2Z1H+\ZY#95NCXL% "S>NFXJDX&P 5C;COQ.#\YY^B M.?CF&97'O]5HC9D"!W=Z,U7G6!>9DS!RMII6;.4 ^.M.%4#XD2V$559D ;LE M9S=.*WHKFZ:%0M8CSE-N"F_U46M7R-S*KI$'=:!,NZ++UB-E)P5H!A9KIA;;F6&[Y&4S3A6(#-ZK8]*WG' LE8%[K0U-M<[*Al\)RM'L.*;.P&T*C)GE06HP+NY0N.4" M\4#W\#[YG&;]=2W[BD8C2PG<<&Z3{]"(@M=-X/T#*%UM:/!0&1+=HFN MCWRV$B"D5MX\PP%65+E(*KRHM"(H,O$GT]C;?PGX]/PJ0WAG*XLCT M8R5>TVK;7-8%^:_L!2)-TP0W,W\>SG&=0,'0N]UD4-2&B,5SR"^]?#T*QIY5 M"Q,(EX;!XYC-,2P*CZC=+38/<6/4QM6J#2)0!:72 O*!%$MI4_A8BI@81),I MKK-H@K_C\1RVO&MKAU_*#"8H)=AN2]">5%U*9]+BM6Z!#H+BO8+&(FTI9(UG M\G^3!BE0DIK%5-69H8%[J=*8%7F1EK;S4NMJ1@N2[.G#:/)$G_B!CH7!A/?1-4$V7:(@?GM'V2[(H_FHYFQCZJ9./HWU67P.MUHF>;&>^;V1*) M;'@!Hf'#8^\Y#XC3I@&&MV-]@*G0.175GU!VQ%.D\CSVDV1$\Z+OT2*ZMV;K\?CW!ZO@1]VF:K7CQMD\N?QQ)M.QGX,D7T(>1=",V%(L&-+ M=:B>93 MX_(2>,Y4GJ-D4W+;=5Y1634!,N%+3'E-@MG(N]SNBAKXHU0:F-5;,(1R@PHR MHM*\CRUI64^GN_KQ|$&:?E;M^,PZ"*=3!QBL5!TOW.O/>`]"?6L#W5%IX- M>*DBS_W99&(*<6PIT\2/H[A+>*:V+[=6IU3$C:,3DG"Q-FWL\IS9)P^#;XV]R*,R+%3=1] E!W?\B4SC^0HT^((0N5[2SIV.D+2#-4UC9[.VY@Y29+8KM4TZQ.3 MA'L4=YCAAMUO-/KO2(V^Q^$S:!N&1"\(@?FKI+;&V `&@.GIW@3G&N-M;F]NW D.*5902R^ZF69_[8.WNZ)@-D#]UMT(I5D\A?7I2#[;&S-SCE79L<. M/OL..RLB$K?)B$"D"5$TO9;6/09KNVF&X7)&][+[G"IL8<1#O)Y+$"IU']9 M+K'?#6R))6&OMGOQWM>-&4YNZ/=!IL,SQRX+UR'%[_+:A/V$MVVC@6'+FVQ M?^:!.:^>F_CS*"}L'IYL[!,=,8P]2W(!V#Q.,OK>HW&)@F2R=UCR=*]PY:4H MF++MH6S.,WNLU)T=-/&]7:T/]-D71]I)&PO=V]R:W-H965T++"RE]}&77_WY' M2E;=(3'0#Y;)X]USSQW)AY.MTLC^F1+3P78K*3\/2VOHBBDQ>HF0F5#56M+)2 M6C)+4[V.3*V1%3Y(BBB-X\^19+P*9A-OF^O91#56\ KG&DPC)=.[:Q1J.PV2M8&]XX.O2.D.TF]1LC0NT3_5W2TFD25XYQ3E'=1U"Y6^_96D<*LJ M6QK(J@*+EP-1\>K)I7MRUC+E1O/O@(WK-O=NCQAC],+/QUM316 MTQ'Y^[6Z6]31ZZCNVER8FN4X#>A>&-0;#&&?WB6?X\LCG$<[Y]$O]) ,H. 0 M=_>/&21#.(6W&_$-P5UE2S|@.(]3C\^?8,$VO%H,8%4!/+SMW9O"6Y_3;DN4H_9I;J;MJ;6;#D_A M(@24M5 [1$.AZ]1D&Z1HL]'%FRID1BVQTRMP'6,Y^COF$9(QK!#IOT:.0HH M#4H4]$ XHC.I*1[HI;>P4T.*\.V4DNVHZR5U7S96(2F!]O@+/Z%PBXD!.L M,4$B-B U6_Y#"N/6]P71]>2RD<"D;BIK!ET/MIP*7[K^6I+6I8[S^"&BF/5 M#IB%)/89O'G/Q34R..\T/^B0F!ER(7]7<5.?4.K1L3A)"FZ8BPLAZY9]QSI?M_3_L#1H+7$HL.+.H=I2#]//0)X1'UTAEF>A!3EZ'T'OAM[NCU579LR+AI-9MO$"%FG:!MAVIK/=)F)+>"4'V ;R/P_%^YIF3X;PW4,N=0'B9& [\.HW2 3T: MID8O^V(7OG87HP/AE*C7_GEP+:_]:S6TM_8OT%4KO# _C?Y=E_4$L#!!0 (M 'FLDEG #IH,JPP_+4@ 9 >&PO=V]R:W-H965TE/5OYFE4HWXLBI*\?@V33K M5\)?'9KY4*VDFU5]5N+,

*[OV;.M_@902P,$% @ >;R267@P@1KU!0 61$!D !X,"]W;W)K&ULM5C;;MLX$'WW5Q#N;M$"CF^YN4UBP$ZS:!_2&'%W^U#L.M RV.+384[9)4',_7[PPIR7+]]-@@^Y+H,G-XYG*&E,_7VMS9!."QAU0[>]%_MG.O>]WHV2B#EMJLS4/AF]4W$'=Z;5<|F!GGLG5+9&_;[)[V4"]4>G_MG,S,^_MU[F30L',)NG*3>,*4B]OF@\/N\N6#6[%*'#WHC<\SOH(YN#^SF<&[7H42BQ24 M%5HQ \N+|F3P?CKP#M[B+P%K6[MF%,I"ZSNZ^11?M/O$""1$CB X_KN'2Y"2 MD)#'CP*T7;U)CO7K$OT/'SP&L^ 6+K7*F*77+1';1;#DN?2W>KU1R@".B.\ M2$OK_}UL#T\;,,HM7SR3,R(4* _E#D8B;PZC_A,,I<<6@0F?>B G0:0(=/@ Z&[%HKEUAV16*(=P%ZR+"B.2Q! M-3W>-B#>1ZI+#08<-.\:LL)U<Q%#RQ#CW?X5-A.1W?L}}/.L.S;9&&=P0;Y>U^L-M >EH/Q*IYKW-> 07;92%!7,/I?'K5X.3_ED#SZ,*YU$3^GB>< ,'4VR[F%W]M%+5H.7'>Q _Y2.PKH+HBO5+B\'V#66RV\552W@@>Z!D9*8I0LZO8#6H1$(2S3 M|V"82PCL1RZL< B&R1 1L R.T#&+D]^YB6T+5_3PD<.%G6.W M8+'8\U!Q$2J2>0S60Z$+:0(FB+2R7B(1\E@QGUA*$R[$LG6)96HO'WU%7,/IK MRLC&HS\X4(XF2.YE'9.% IQQ&^6II=(#**Q@'$5X\"0DHD4>]"%M*8Z1[9H5*8*Y2P=RSW=|A MM%WV 1P8'#.!4(H^2949G1B SIKU.& Y%]#K5,<-G.B(B,A,T,0)*B6A1$0H4!@L)\'L>XW!+<)VB M^N1:HI"0;3&O;*(*[%X3/2GUW.,|>XB[I(:>KCA#23>@.0"+0*V"[[@CBD-ZXVVP9XBF5H=UPDYD(B;6Q0 M3FV"/-T6Y_6KT7!P>D:Y25,T|F#5PT3@/0)CI]:0?;_S$+4O[8-G@HM@HKFL M.KUJ1OR_E4%57=]K!FB[9[C'6X=YQ62$,|_GMDR"3_ZC"C-N\2!0OL>'6&++<MGN,@EUH,V$^\VS!)CZM)>MPX_Z[*^H31/\L-2@CK/)-\[S1]/E]]Y%55&AW>_MD-FP? W8UG\WY>#L+>4^%3C#RL:R5*.IL&0-$NV.5B)"+7U24:?]!=(;9M2Q MT7'O9=_@0PB_M&_UZA.993 /L&/K\U7]L-!$6<#>\U7850%O@'N0.LW!OWS 0'PLZ1/PX|&V# M0 ZH1'A1:[AI*(^R!? SNL@!7.0V@+75>0JL"!-Z,*6C+"4:U0N$6=M[#._A(!0Y,%76CEN46'\@PB#3L1D1I[KJE MMIK0;'A:Z&B32 WX%8Q0%]& \U[R2R1 X7,978 IYJ9A< 3SMHDUUXVO'",RB M0$+/)Y"!OE$&1JM,&TU,*N9U5$D11G,7V!*UFLK2F4+RHR'#DY>2+9'U 832 M.;0@CR .+&$]^R\;.GPLFL=.L3N'"*@L=9<';X?#UG&U51;+&""_F?Q '72"! (0T+1[=D!B,O4Y11+XEC73#]P\Y3EE@&GCDP)SW1<'1;%?8RZ.%%%O(\H5'4^2!]< .3$2L6V7[@0 MQ89#!^CX51_$T PTA,2KO]RMK/YWVP896G:;8L JLA%^OS$.R4SWIG;%?A7O MI@"YV-<.\/YK?_U==5/ .;WAW=SXHOY(&-KCDU-P/(;.M)3Z6?(6CEP!>7SI'NQ?9H/^G8/X%4$L#!!0 (' FLDEG>>.=9>P, .$' M 9 >&PO=V!R.W-H965T@#39TL.A2ID">[^>]WT![$!5QC?9%$WMUW MWW?4'>=[ZOY]B4CPK=+&+Y*2[#Y+4R]+K(0?V1H.6PKK*D&|=-O4UPY%'H,J MG6;C\8>T$LHDRWG60..BT6RFIR=SX)_=.'A0N/<'WQ"4,*Q]#(NK?)&, M.R'4*"D@"'[M\ *U#D!,XZG#3(:4(? #PNT>_C-I9RT9XO+#Z'Y53N4@^)!!C M(1I-MW;.)W9ZW@<\:.6/3]BWOM/W"N#@4&J.9G#+A4.[(L55Q'"TO5U>)W\1+#Z=+ ^& MZ_7[OYV?:W^Z_.=0+VQ6DF%_1=Y2IPG>>RPSOQ,,;2 8$XRN+:.&2@KDV/^_M/4#*! >66<_R/#N)^+>D$4PG[R:;9[.3>-.!33B37!2]:^KC22'?]J78ZI;-MS_EQS_]9[X6$A<)MX='M\-D^>:UY,/X]O..9P/CV2CTY:50#AZ$;A NE1%& M*['ARC#;AEN$_#&^IO$_E\@k](6UC2)DM%$Y4&#H(N-/YOR9T_+M%2TB]BZF5 MD;K)T8. 4]$33I,/T=\|\OA\B4&?&]$5/8,P.;>M5F*CXMH6T:Q;.T[X)U\U-M'G,@"O4*WS@\2/4.]]62): 1&\T)0V08.NAZG&(H@R=!&*L0L(3WZ'V7]FYX ML\'2XXZ'4,TFZ[/&>-&$*IQ(1%)0@##RCQ+0.$8AM7 '/PC7/-.\G<PI@*P M3'X.*(PL7$B0T)MJ7V0>U!.!?32&,9(#SZ3&B/PK-SFOGAH:7K53$GVLJ"B&9#26US+.?IYA1ZO+ MUK&C4E!T.Y9Z/DRXLCDGX2/B=1{1XBE'XNU[*LVGI;9&%;S:1-4'] #/7*;D++ MA....@|%#ORG_YM_3Z)PM@"61KU%&P#$VLZRNQ\G!$?S@NGT;$63@ &.H5N M&R\7#[&EV@D|[WUZH=VR_N[>5W!+=Q6<.4T%APZ'OW&UX5K+Y1V0;..0WQC MB:.^$^%G&=@@.,"LGU.W" F&6WWY"U!+ P04 "!YK))9GN, [14# #N M!@ &0 'AL+W=0<Q5F=/];]f%=:.Y=A#(H*,]HZH@%NWBR%K(DVKER%]I% 2I=4LQ!T7E8$\K],.3. M[F4V$PO.*(=[B=2ZBK)04F.F_]G<"[[JM#TfLU%#%5O ^]FYE\8+.TI) M;.^"*'HXD+,?^)+Z!3Q3V*@|&JE.K'=COW('@(&A;8$8AZO. /& M+.C(^+EE^EU)F[AO[^A7KG?32TX4S 3[1DM=C?T+'Y6P)&NF%V+S!;,]!'VO M$$RY7[1I8O-3L5@K+>IMLO%KRMLG>=M^A[V$B^B=!+O-P$YW6\]BI_$PTR492 M;)"TT89F#=>]RS;B*+>?\["E>4M-GLXFL]G=T]?!'[28S^,7SY/$1S=.E/ M@3H;A=14L'%AL:5-6QI^AQ9C="NXKA2:\Q+*OP&AD=;IPSM]4WR4>%?H'DKB M .$(IT=X2==OXGC)?_3[?9(K+ACEM>>IAG9^92-:2 L6^&0H%\!3 [.M^"$^CSX=49MV:M-C]&Q2%&+-M4(+* ("^VFLY)/$HY!+#$OPf\0M2 X&#Y8HD. MU$)$(VT"<\((:!P"U;Z(D&A0B$I#*#<0TERNUT!SQS6R(V5W8OP>)=Z"*=^+% M QP.TMA9<69 FB??$<\[8(>_%X6& XIZ'TZ_ "1F2Cl99C6AF822:G0CE +E MG<9!C,^1YM&PZ$0S3CRSIH*+)+(UAFDPQ_TZ(\"O5&J0:[U"NR5R1,E*#)8F>H ^2CZ2(9H'2T:.YBYT&:,G5F9O0K2!!CW.M2R'TSK&%NDV=_0902P$,% @ >:R2664&ULE57?,]HP$'[//7&E5=5*]/D%A;.:{RI M?>B*@&X/TQY,>I.(6=M9 YU;B4&T\5$FABD_+,"WW_OLLIX^ZP;WTS M.>R+4F>,PTP25>8YE>]CR,1NX ;NWC%GFU0;AS?L%W0#*"] OQ4SBRFM0$!8# M5TQP(F$]<$?!W;AMXFW 5P8[=6 3'\E*B%>S>$P&KF](00;Q-@@4 [8P@2PS M0$CC5XWI-B5-X]&J1]L>|=>5E3!1&3?6*+3@=MS20)K6F9Z+G8/4/23,7BQ MR)3])\-L]-@!=$|*B[Q.1@8YXI4_?:OG<)#0\SI("..N$T^N"EF6GZBFP[X4 M.R)- *0P[0|LY$-M?*#>]RS;B*+>?\["E>4M-GLXFL]G=T]?!'[28S^,7SY/$1S=.E/ M@3H;A=14L'%AL:5-6QI^AQ9C="NXKA2:\Q+*OP&AD=;IPSM]4WR4>%?H'DKB M .$(IT=X2==OXGC)?_3[?9(K+ACEM>>IAG9^92-:2 L6^&0H%\!3 [.M^"$^CSX=49MV:M-C]&Q2%&+-M4(+* ("

*9NCI/_Z^<_E2Y6HGH(&&BCIR'"*BE.C'V RXNT<< M&Z4'}4$;G=!+<0V2$+]^,EY+YSL?1U;JN3>?@&AGA)IAOY,.O<-GIC/[<6?[-MNOU&]4DVR/$M+]4"0]VC.)SQQG{K53>Z7!M/+7>UUO7*.)=*@AS0"WB^[&N]-MN:$)AH]OL.\4$L#!!0 (-'FLDEF]7(K53@0_H*.9 >&PO=V]R.M:W-H965T!5;*^[NP!O^-_L&AS(3E52'AWO?/,.Z^>\4,:(!Y4A:G@] M\E)W$SK:N1Y*LFP8*HK*BSIS4K(@FG:RK6G*HDLM4)%/H6^'WL%XZ4['=NS MN9R.1:US7N)<e@]+@LGG:\S%9N(&[N[@C]'S:0Z\Z:AB:UR@_]..2]IY+4K*M^RP5%5(7$(WH?]ǁ;2=,EDSA1Y%,[N A117K,[UG=A\QT] MEF B-D_VM/7#CPB$6X'0\FX469.?F&;3L10; MD,8VH9F%.=5*$SE>F] LM^2WG,3T'9U=WMS^]L"YK,[6'R^NIO!^WNVS%%]M&'N:%)AK7K(%NVI_PA-@00A?1*DS!:,RQ?00P"-F+;UP1~\Z/(OX.=%=B((_MA'!8.X,7M>9&%B_Z<7/_OEHJ+2D[_CEF<,/7.PYG*F;D*L;@Q*624"@?T9W^_M_%,0^[^<(=MKR?;.H4_LCRI"M3^,3S6F,*;R9+7JX5S%'" M(F,2CYEP5LEQ$^XSA.10^[+5GFZUXTY{1=J5T0Z<-@;D . ^7IN*[SE]TK\D' MAZ(IEG29 GIR_9Z7H# 1*U*E.H!/"58;J/OLJ4DITS\X)B7.7V3^0N>6.A@OMU@,*TE7];Y#%H_?...'E*GA@39ET6&YA,Y"E*Y;QS@LCOQ(.!687]3F_0+M-ZM@8T+DL$>45)7!#*%H-A8607#5I4FSO#FR+$)X<1!YS*.S2.(AD[L=_K]X7G6(\?F MRH7!9BE4()F;K.V83)53ASW"8OP(M^9"TUO.,OSYQ><_T(\U\]SO]AFK1.'-MG6@86-[!ON4]&+ZXL'74R$;TY[V('L22HM$XY9T3=H/0/GSKWNXP_G]X.]86 M;M@\H@:Q!V>*O-\6>?]LD7']B2@L7A)K]l3D=6]R28H"7G6"[^]?,NYWH=[H-M-V=YG.X#C8]L,5,.:67R6V=4H[B?C;!Y'7QU,L=(EFD2H$K& S/U=\W':.-L MEI@P*C@CQ24AH4PX,2O)$PN.;(-`YHX2C1T/E ./+*_1^-'J,Z@<O4|OFE+1P MD99?):U!3ZY+ JBKG21L!H$;]6VG'O'INC!.TE!O#*46-MDK[>AH\@XM1'-=]5U^D6.;IYKP^DPu=A4\QM@BCRX"Z3>Q$0<1'YS4#!TK MZ.WQNV#LBOU-<6!OWBA0KAI\WJV9>>;G>3'U?F%SS4D&. M*O+UNY>4L;*9!]/.%!6=7!9"TRODEOD-GRC-!7[_$F31=F,4M./L]#]02P.$ M% @ >;R26>!5S.DI P TP8 !D !X;"]W;W)K&ULG551;].P$'[/KS@%A$J39IV6S?:2EL9L(=V$RL@A'APDFMBX=C! M=NC*K^?L=*%/(7I]X[7VVO^<^>N]l?)ANE?Y@27<)#);29AJ6U]444F;$S?BEXIBED*=1&96B/+/;@241+'IU"%NOG$[IVIV<3U5C!)=YL$U5,.V] M0[$VTW 0/BY\Y$5IW4(TF]2LP'NTC^H[35'4L>2\0FFXD]!Q/0TO!Q=7W?>_M'_C.<6AYN J297ZX8*.?!K&3A *S*QC8#3%QPCD*X8A(QL\=9]BE=.#]^2/[M.U\[U9(R@W.EOO#15OF66S29:.;4"[T\3F)KY4CR9O7+H_ MY=YJVN6$LJ(Y6)QLUI<+U?W'<+E\" ./;Y>]F^?YZ.:^YOH>7*Y8*.*\FD.5<M#A%E.IZKEC=Y@G>0P$))6QJXECGF_O)$++)3FCPIO4J._MYFM@ #00^2.!D=_MX1MVE0\]W_ *O]%V!JKZT8G168;3D!2*02?T+P]F+9X/3 M^_T1W:. ,]^@8^^R3U)B!0O+?E_<516W]$BL.:3S*-AG7=N)BUQI^[% M,(MMD27J69R^^+9.!F %6R5]IQ*MIR^7GBHM @V(M/_/0L&+AAW [G MP>N ZB&OW"Z8++@VU9TW0N'IV$IH)N+;0-K*]]..:7*D@GZ;4E?'=3N .VO%75K%[@$MW7=L](@=02P.$% @ >;R26&ULM59M;OHY$/Z^OV*TK2HBH>PK"Z2 !)2[1&H@"]2G MZG0?S#*P>]VU.=N$\.]OI 62]0]&]OQ'%'8\].\\\'L_0V0KY366(&I[*@JNN MFVF]OO\E698.64IULAI9ERDR30MY L,!4&P^./HJXO*(P MC@<&2WN?[C&D.7PI{S_87.G7.9.X5 4?^4:+G77=E@L+7+).H>_*]AKW^32. MOU04RO[*=G_6=R'=*"W*O3$A*' >?=G3GH>W&(1[@]#BK@)9E)^89KV.%%N0 MYC1Y,X)-U5H3N)R;2YE]2;LYV>G>\++H _G,TA9LO](?#A]N'S_W9Z!._9M>C M>OA.;N_N1]>C\]23FRPAJGR?3Z06=)/4(!E_M]F0\&L^@-F/S M5%Q].$R7CVMTGW\014__$\((1,P76F8,07N'CMP*-DCAF%AXP&X5F/DU1?0A34(?3# ^(R_MZ,A09/U%OY6AO_MSI275X#^G.*H0Q*<1F'=YI=8LQ:Y+.#'[^A?$2W]^%=D/@?MS^07'. .+SWGO#3/$5Z@@YI\/TTVY*9C&!4QTAA*&H]20F7E$*CTCY".4H/XZ* M$F& ^L]N"(]=GDCH?=I8A+$5!32'G*\"V?D1%Z)&HS.@-Z) ^(S-:+$XSQW8+W MK3!H?E3TH)_1"HLV?8VVL&CS(]KT@!9JC *))85]D8$X=Z!W4&#L. E,C3'O/.:[(DE=!NU>_&\B9Z&_4D;#@UPX$1PY^:O)W=F.@-C%IHKH[D MP/^E6CG5/KP7PZ1$N;(C4Q'Z#=?57#E]CU.Y7PVCY^/52+]E:R2604WON-N! Y0P !D /X;"]W;W)K&ULM5=M;]LV$/ZN7T&H2Y$"FBU2[ZECP''3+6C>8*<;AF(?:)FVA4BD1]\Q M\^]W#3E98Y6!.D76SSRGGN.=P]%#;9"WJH58QIJKT]NCMV5UNNC?E_E*U91 MU1-KQF%F(61%-0SEL]_6DM&Y=.;K*/O']N%_1@KO#@,5=R^% ,'19<'8MD=I4M%97W)ZP4VV.7NSO#!%BNM#'TAX.U7:(TU_7UQ)&_19E7E2,]T]P)-GBV!WA MHQ/L&P>[XH^":=6C9V12F0EQ:P9G\V7-XQ8R7)M(^C\W.$Q*TN#!#$^:4#=-M-J9Q?R\0_]LDX=D9E2QL2C_+.0Z=>RF+[]S!=V4>B*VO[.FH4G-+ZZ')]>WDQ&-V=7EU-T>$-G M)5.?!GT-8L> M"K"'"B$_"#KR@33]P>.,$+>&/!<\;U1+8O)H6Z1=_.80TZTZQ2^`]+N08.]P,: MZ1RL,72'X_AV._8\]==.,6:MB%/CP27/GK.3@$=GO#2EFJ.V3WZ-MC8FEI.M5D:,1R'$?YT[4_9Q''HD%TBL&K5Y2V"54GPUS]HGR[.185&O^#[^_M2PE./BI4&G;E94=K=I3/$0>G9KAEDGF&\O*#,@7*'BQ-G37X#PS)T3@5]+ M&9 MN9\. N?\(6"]:.R?]X)3YQ>'1++'G)P2>@B3SPM@WMC#$G@B@Q M-IQXH9\[YIQL)AY _Y@H2ET[B^=AW#/D.B.Q]@0++0.20>3B(82%%26*]S48Y M. R].@=V"$OS7P8^UX2! Y.4R_!Q/DB('\'DP!680@8>5&6.!@#F2!U2{J] M+.,3.#2VVE-(X&40.(I3CP3$P1DPQ8$3IF7$).%$D8>L=RQ%Z80*LJ,%<<<>M#B)K)4GDQ7Z&.KHQ:KLQZNS&49Z+#8>Z3EC.BCMS2]!O%ZR"&NU53B?.*Y43 MMUSCMQ0Z_!/H)BW=[*.KG](%(5K&G^``)>0^KMUH_R#6A2A!505?(FT+U"4ZUE,=O4H%HT;RHF#3!M740<&] %72[ML7.D&=!%W9TS6FA:M]<-[3I_2N1P&#=+$T ATTB/. <@'?EKS"6BQ%X,%!'70 M4.:*T+5G:N]M0*RGT 7^^P_W$?]-?__<*\0P7_>M<+*I\>N;WMG;]#O<^49:.9,T_NGP"Q]++>KQ6R&U%?0EMK>X,+&V]]B9T$#//][@.X1)LP#F.M%T+HW< $:+]LAO\"4$L#!!0 (-'FLDEG&PO-M=V]R:W-H965T5CM@^FN!N^XI!!;#:,]%2!DBR9TCFSM-5KWQ0:65H%Y<@N#2SOF7WEA0 MZ>[U:!*!*[C$>PVFS'.FOT]0]-W0"U6,>?KC74*2S0HV!H7:!<*>TT[?X^2MARFX4[\"OFSHC>VLW0N_8@O8R5PL[5]DILZKEP M>(D2[OQ%7>W;O_$@*8U5>1 .,#'(NZY5]\[A(. Z>"$@:@*BBG>=]&+]Y'[-L M-.'[']IY$YH3]E*K;"+'1?M3%E:3E5.<'=V-A[AQ,]O S>G6#DMU)K+-4R8X>88_Y,9CO-?;A R)>CB.F2F$2QIXI;AR%*$3TGXNE27_0O.$D'A[32F)?C*(-.`IR@M3YAHT[S]-M4%L4$)YU.X;O)<-(*"TH8]=!K1QfU[T$5Y0_W*.S8#*%PXA2ON@=G]UVJ/"4MBB#;WOM5$7<;(LT:-6O<62K+O/]8'WJ+GQ06]22IIR%A3L@;MV)OH;S7[YA MU+T)+_ZCZ"QI0M(4*I3AUG3:._VH&U[W#X7Z0U<2OS>G"EDI4P/Q93>.(@([M.\7PAF*N*DTMUDPI6^/P&FK8AL/5=?5R/9 M0*)*.>NYM=?NI_ZX'G8_W.LG8\.TFDL# C.*#7I7%O[H>@S7&ZN*.O2ME*5! M6HD.>KE0.P>R9XJZK[FX!/NWB&PO=V]R:W-H965TR&'X]]ML8%MFOMZKLCR.Y:<5R@TEP(4KL9>.KB<#"W> 7YRW.]]-=A*EE(^.6-[/O8'"PA+ MS(QE8/IXQ"F6I24B$7:3]!+:0/WUSOV*U<[U)D&]>R .5S4XR]"PJR7+%-M:5*YO<:VGE/+E\E2NSMDL&VQT[D&VT496;3 IJ+AHGNRI?0[! 1?!&P%A&Q Z MW4TBI_(K,RP>*,D%9='$9A>N5!=-XKBPA[(PBKR0;RF/1?M9R3AK.\ W.00@W4IA"PTSDF+\F\$E@MIS+]0@&M4C>O&'=X,SX,L1S<.:_ 8>[PH&)%"BO5&905]B#!701%4T;DLTSNC.>0TW\+G(//(CZPP@.'9N_UVP5.MJK4;*1HRN1&FZ;MNMYM:2=.L+_!FY-TPM>9"0XDK'@WZYZ<>]&:,-(:1M6O= MI30T"_RRH.F+R@+(OY+2[R:HJOE\3]02P.$% @ >;R26>=7(K P M+0X !D :X;"]W;W)K&ULM5=K;]HP%/TK5B9_MFU0U+.P[B2T=&CCH5(V3=4^F.0A5A.;V0ZT_WYV$A*F@C>AY4OBUST^]Y[8 M.[>W9_Q9A!A+\[)'5/2M4.KMC6T++\0Q$M=LBZF:"1B/D51=OK'%EF/DIT9Q.M9#NU6LN.$;&6VTO^%MSML41&A.(%!R*)8\1?ASAB^[X%K"],&H#[5,VLD)(A%WXDOP[[5 ML8"/ Y1$)H'M/^AD <&3CG M#)SK5"TXW4U=1;D2-4[[*47,T292?=Y6HZ'3S\ M./,Q6$[N9Y/O9#28/8+!:.#1?S1XGLWNPF'^=C"9WRRLP3(2R%@)\N,422D4A\#L-E2<=!(M!?O-\S<V<$/\QTP952& MQ1'_M__MB*?,&!<_.!@Z!@4]YYZ\'G5X M!9R.TP!CY)&(R%<#<+ V+2BWC>*&_5$4XR]"PJR7+%-M;

8[0N]$%OTR70C!,M55053]CM_O_0O.LGS)"8(!GCD/K>3Z)!%D>_Y ML#;,D^?5\CRKO >N;&H1M_,.6K.B$&'HQP?[#*8^#C!&9GE^+<\?5+W6PC&I M]+NS1R1"Z$"DR!,/,+3;8X=*
*/8&P6%]7B(OLMWF^@X/.URV9.&+*N"=+W=H43-M!=M+.JZ3CGI.GXO/69$3!=NK"((-7>$/=LHJP'XW\KK-R&1'_#CHZ96H]0*.M[\2S^2'52)#+!T20=%0:[$A_B->CLF$PL@+M:$^OW-*
L3$[UFXNA08-<.AQC'M?0(.)*)A3#S2,ZLH[?D\&,2'?=U@ILL(_1Z5#1F1'8VMFWU..)=^.A.##WFZP M0E'8 Q_4$!+9$3D(/ZB+/L^#'4 .S#1&PZA'8T-(9$>D'4#@(0+T(P2@5&>'
*M](=0T",OP2.R\ %VQ97@>3*7X"I73+#/,1)XA|H_W<)@%$8IZWMUQ@HTUQ^4Q&$&# 0/L1X>/B8[$[" PN1/7CUM>]G90#080-((3$ M/VSP!C-*
=1+^G/>$&E]B.R^$@PET4HB#HZ.O;Q23L4=G@$@_YDCPFL,M C"'] M*#2@.H9Q#RMQPTIL9Z6=0Y5S^Q.,Z,?+L+,<#78HA-'A5YK;VFH]]OFNJ7A* M<@E2MM2.\"S4$<1NZVPW4'Q=[G[-
*N%(*P]7C"Z8* ST]27GZF50;&C5&YB3 M_P%02P,$% @ >.R264*BLSAE P PPH !D !X,"]W;W)K&ULK99M;]LJ%,>_"O*MKC.IJXV?TYM82M-.B[1I5=.N+Z[N M"V*3! T;#W#3??*
L!3MW4)NXFW3<)X'/^ _YP#DSWC\7,XPE>"OI)6;.3LKZ MTG5%OL,E$>LOI7ZLF&\|1%)U^=85 <-9,H,$XE=7W/HJ[DT2D=CON/ZE ,,&K8-9(X 6CW07+^]-ZBA\l;M/^)-)#0)'6RQD5 MYA?
L6|LH",G@[,B*$G5]/'PT(<.<#PA(_=7RT_+N^7[M%7ASC24B5+P%[\#]ZA|\.7L+S@"IP-V.-0)5A9BZ4LVM%=S\,,]5,X] 8IXO MN;P 3P'ON>'%O?%[[L'+]U=%7$7MM^%[1N|X*
*_"_G>^%!*K<.6?+,Q6+[3K MZ62[%#7*\VE8N,G*X*#UD 89I.W8?CD"Q6B0^?K5ZPAAUK.,JZK')68B#1 MHQVM]8Z/)O5#5,.YP[!?>RQ6?@Q/.M'$MX=#7"\=W6"6.E@L-T#8-*
)GVIHE03!B4V&SS<'7+'T=LGF>\T:E]'MUYZ!R M7)#3\/[^'W)H @FCI%^WW:.7AGI>?49\2]0!HWBC_1+1+D PIL74=B2KS:C-MS:1ZPICZ3KTR.=<&ZON&.?G4T>^0H[MV:_0)02P.$% @
*>.R26&ULK5AM;Z.X$/Y^ MO\+B5]=6ZA8,A"2|)%*;I,I6;]!57_9TJNZ# Y. %G#6=IKVW]\8*F)0W.G M|$,+]LSC9V9L/TP'RY^R!A D=70BI5:7-BV#&/(F#SG"\AQ9L0%QA2^*
*MBKDM%P)85#AE]>TZ3F!G+,FMT:.8NQ<5^]-,GA3A"YS#(FW]X@Y\TUI:WW M@2MD'BL]8(A&"S:'!U//BSN!:W,-$B49Y#+A.1*P98$0&04?D-7H_63?95T5INC8!\UVTT8OZ?2] MBS$EU#33QYFB7[?*
72Y?=_@T3\R27&-$,.3CG7;R<*!OH\D7O1=%23KG"!K5X MC(%%(+0!SL\X5^\O>H'ZWQBC?P%02P,$% @ >.R264P_$G[R!0 <#< M !D !X,"]W;W)K&ULK9M;,]LV&(,. "N$%0PMT
ML45;=IPY!AJ+O#HL,!'#=E'L0K.96@D>A0=.\[^_*B#);.6.*M[,V*=OH>4 M7O(3^4.<[.7ZDFV$T.1K$]2936^C]?;ZW\]6&Y&$V.??%]?E,[G0*=(MDN24+U=\"MBN;_I>;W# M@??*
*1PT:G!_KSV39\!$^_K1[\Q>OZ:LHT2D6213HL3]3> ^U=\WI_\HKO@C O.1*UUC\)ODM[*4\DN^\V9]TQOD-1*Q6.D<@9!2]!0:!WBC_7

MF[]VM+>FW[]BRXP8+:W.H^K. 8^A>1(HC:)H[F32&)N:+9U-]/ZXVCC^Q@&, M];^@M!A(U .1=%4@:41-GV5!6!3]A%I<50&H'2*(JF;@,H_2_ONQ> 79L1 M8Z5M:?N31KOAU]:L]NH\1-D<:+NEBVH@JMU*]TFS[R$Z_N?VGE0'PI*BZ$T M J51%$T57I]3WL#4I!<^M3-C1\OM])\(KZ$)B&:)'9W8A^]W&]U2U/(.T\< M CRK.^K:.YRK.[^WWQYX_:>TA!#.R50 M&D715(VE]>.:9^M EL&:\Q@MJFXKY.#OfO81.!+I[H4$6C]*HJEZ22_& WLQ M.5QMWFSRR!7I;&C# Q_JZ$!I.91&H#2*HJFB2T?' M QLHK[?A@3GCT1?$AJ:LX0R* TBJ*IZQ)4*OS<,/&.'K2_1'~'H)M31UJXS)V;2(!(&.*X'2*(M:F[B;M)Q_4 MOD.0S1:,68X6.==%4$T;8>MF9GHOZ_FD +1U$T;I8'V TF@*AF;M# QJ7Z">.W!6270# F41E$T55/I1@7. MN"'O9Y8E;3/^V7_4_< T?FCX&T M*2@MAM((E$91-/4"D,95\/)-CK0R0 V[M@<)M5]):MKV=!'1X#P%HN0B41E$T56)I:P5&I\5X<]9*##6R!@HW1F*HB06E M411-E5B;6(%C#. 7#P\E>Q";LK[G03O-JW36;MDZ$+2A%A64%D I!$JC*)HJ MMW2R@I=O?:V5&6I=M;3]'1<{G78?%D'S)% .1=%4^?9>H'Z4>W5\0,.^3KT_M TDG']2>@M(HBJ;*) ^VIP&O/=<=!6LF@_E(P/.<(FB&!TBB*INHEK:7 O(!L M.S.;FL8# T6H;02E05>,@=(HBJ;(*$H/*C1(4+\6-1^HKO^SVZ/R*+5GVWU MUXENAH\5/>O/.W*BL+_F+ XUR\\K[N9M2:59T^Z2]\WO90>[/> DNZ .D\GI3rDBJ[M_&JU2_LF'@)NW:O)Y$[O)G9H^L>ZMA .01*HRB;JKET:,)7V7(HA!HW4%H, M1$HC:)H]MK2O G_ LBQ6PZ9.:/E/<:TT2H)\6B@-(]BJ4I*CR8T3SOZ'*N/ MV'![.S!XM+]2H@=((E$91-%5S:=2$K!)[4 CU:Z"T&$HC4!I%T52U!\3FGV= MHV,UU,\9*)1A>SAH.0B41E$T54K]\80#'D^V6A;/C+6;PWU:E[-%(B8"+Y/< M'*BAQ@^4%D-I!$JC*)IJM_2(PE?99"B$6D506@RE$2B-HFB*VI&TBB*S5;3M M<>5KT02%1[29K2(^S8HKAJ[73;NO%TEM9LM*K6(U9#FHLP]M*(^.H:2 M'7[3_DHY:+8$2].HF[JZ?BBX2E+0UM+1F1&C5>O[44[W5;":.%'7BI)Q(.YZ M9531U=]55E1DMJ*.[?8:.KV%RHPP 5:#$(E$91 %5):3!%9H-I[/.2"HL M06DQE$:@-(]BJ3)+9RDRFSB?N+HLK\4]+TO*KZRV5LT]M^:>MTK*.IVE]T3, ML5_Q&Z!XPU9[DZS6=]6L3.\1%"H$=72POTGGV=A]V$U-$\"I5$43559NDZ1 MV77:/!5KE6N[,/6>M:=T].[_% 3]I4!7!I-INO20/TE*(%B:*JZTE'>MS!.!?LOE!GZBYZKN\|?5$&HM1?Vt0/W-BZ%9$BB-HFBJ?L(O4K^1QD-D-AZ^ MV"_>K$O1A:H7;#.WDN5SKN['65V(P8!KGUK.Q)F>6NL5UUFDFC,1KM=E\[2[M?BK$(]?:CO357ZSVIWDD*Q*+T6V2/S<+J7B[3V:SHIR+!5?64UHOFB1B8[-F M+.1_27G8%_C-594)E(PU"Z]_^=V"/:,%NEH^6P_MRLHZS=B,:1>PE#OL:P93 M(:L:>9YLR)'6#4_<=$2!V/T[F]7:(ND(!0)K[UI_2U9 MLI$M*^:!23IK3F>SFFRO!?U@GSE6BZ7XEPYD8?*

(LCE=$4(%MW4(E)V!+>2N M5.W!!\[=%;!Q?P S:K MX7BVI'>,K8KE>$.M =PN?5@K'G@]4RJXN,E0_LFA>OLAI%Q%N6[!RT_PWM^.M0=MO?W9.SGO?W]AOB:WY_BH*WA+>0C1_"?E?0O&76?DO(A%6_T M9/>\&),S,0&S%$L7MK_4Q>K=*1\!W15U763-QP5+YJP4"?C?[XNBWOXB,G@] MRJ_ J5[^'U!+ P04 "_!YK))9$T.>RGX# I#0 &0*

'AL+W=ON:Z.HPAH.HC4Q!X9R550@T.U=K5]0(.Y4X)=_UN=^ FE DG&.=S"Q6. M968X$[!01&=)0M7V KC<3!S/>9BX8>O8V DW$=T#;=@QJ0+A2.W4HE8 D(S M*8B"U<0Y\]ZF\]8^-_C*8*-WKHFM9"GE+SNXBB9.UR8$'$)C%2C^W<$E<&Z% M.V:]B"M 8=%2$1=4.6H5%P:V.]B"M-M58>U_/&*X=@+*.U]_^=<&Z% M.[!]D_ M-=2$:V3,2.NJZ=!]D_ M-=2$:V3,2.NJZ=!]D_ M-=2$:V3,2.NJZ=

!X,"]S='EL97,N>&ULW5CM3MLP%'V5*(P)I(DTS4B;T5,:.M*B%-VB8D^+%_R&V=!NM>(@)TSX@YZ8Y=>Y]KQO,1,J[W>,(<|>OJ9|/XP_^IZ5&Q8I[?OW9^]_MS0IU]M^_.K|?$S
YS[@5/T<@_1BO:N]S%,.MZ4-M-/M9-EGF*T-MCH.FHZR8T.'(7?=R_CPA26J W5E*]LK2CB0APIW6/GXO=CC&I4-G'M>R:(A!-M77N#7E:(50E&OAW0RB2GW@/A27|(-!M)!JR.Y(POF'
,!L8%+Z2G=.WK4"&_M5(\6#FT/;HM:)V>BD":VC6!_C^KI6\"R!P89YXW!MF\'!KV2*$6EN_8=,]D,_M/H,\NGVW*+7#B22+L'WIKPCFHH,,"IE2V80)_>70H,=!!G8DFTSAJHHR%"!M(M>_E)%)
(8CQL&34#2T!IS?PC/9(:A/<_6]LP4@VB:VE#=M#*V_KK:E9[M7?:R5;I>R1X*|66FER.,'X],WDB:L,GIS[/&_*8>XN]#/GB,V<3D5.[^+T# M#GIDR?.FA62/.A]4RE@/4.E[#U0]EX?^2U)>4?
G:EE.\PSWW#Y"S_\VSQ.] M["1\W;2N_4/.\JL=UR_9M_!L'BO;CITFH\[A>ZP/%H=N.CX&DT>QW=UC.)D< M@ ME*41%<\.AEI>D9'^$W5#7\)/.49F7 TU8-]?M;_3E.WR]EU.XFH9ZW:WV!Y
M8=P<^W4L)E(ZI^FP[LK)R#0]W=!1ZP\0MI%K\W$C&.=B;@0P+ [F_.8%A;G M?UI/%UV/Q3!O72?213E=E& 9+F1HOE@<.R?1'_=*DR2*XAC+Z'#H=###$\A;' M\. 6P[P! XL#D5Z6:WRW\0K970?
9GNZ]$&RE>"5B*\5S#8@[.\!(&O=N8W& @>T"5CL0WQT':LK.B2+85W'H?!./E_G;@2=&A(E@6FD?) MTZ[=I7\=Q_:0T^FO8R*T>EOH^7%H5 J.W&,EC'%BM/XU@LD/!'X 4$L#!!0 M-(
'FLDEGYUH;H+_< 8^/>&PO=V]R:V)O;VLN>&ULO9MM;YM(M$(# _RL]? #TK=??P/$Z9*L1_=E M8BE2 B;X86#GV9U=WGW+BR^W>?2%?=^E67G1NZ^]_=O!H%S?BQTO?_W(H-/
M[O)BQRO8++:#P;[*LLY;U,9??CHM?\G8H>V\E,[N1/L;GHG?=8>9]_^Y_7\F>>_M53R-UT6>IA>]8?O!C2@JN7ZQ.ZXA$WY;-GLJ?AMQ_+GHV>=PPCM9E%5S1'-^
M#HQ?!1S<;CU4^95.*U%,>26NB_QA+[-M:?!JXBH%R&4T<#K_;(+XM_D\9\[L[MN1,3?/VP$UG5OK$0.0V8E?=R7_98OG?BHG\FPM6!/<4@$T$$#C9(#L_M+.0*Y B!'+TB9%O#U/\0LOP.
[O@Z5R!_!.(\&;27[_8*\(5_6B>$_&PHD#@" M:9\,TO_W02J08P1R?+I(\O)>@7002(<6,E[YV[TB2VO6!Q<+X*KP',7"7,]M;[E;i(§"_4$@)[20CS0QBWS/#V[W5S, M'$-B=4S)RT1EP00O)#0$VRZ/!
F3P[#8"I$/#]2]\SAAZ7](G/IGOAMW@X/E-M^2%QHH_N)'.YA*0IL;QSD_$;M)L%RH/6$LVOO$Y=Z?A[/E)]\'$25!Y-=)-MJTED;@_+.4;Y"D?PN;SQ/W8N;D&.GX@SOF^&RV"Q77,(/.SY@ZK09%B:-
ZA' M#P2(.IM FX-Y.H14S-XK]EO,\B",,("-B@:.##K<[H>H1I9$2L$4W_.MEYV%,)A=2U''IE)B8AD1B^6Q*W6$#*U&$8OE6#_F$57%Q-0R(E:+VELX$D5, M*2-BI1Q)B
=2%1,SRXC8+'B;'JF8F%Y&O'K1%%'86<(!HGO',<>,B!VCJZ9H M(3'JC,@!\U16T;&9F%]9K^@]96.7TS,+^9I_*0)\687D]@NFD*+EA'SC&GL.ME.KBHH5"9SF(K?*B]*
(EQ.1B4H]5#AT'#1=F$I/8)&TQ1HN%F<.D-I^QWDP# M]F)B\(C"}Y='MS6ABB$G#));&RR*(#M'"W&$!NP.MAK S%1-SAT4]88[50S]* MLS!]6-2#DR/UD)>_QL(.8A$;Y&@?
NWTX54S,*1;Q4XX6'UI0%1.=.R<6"SX4 M,%5,S#/624<>B]@Z*:.N8F'>L4TZA?QZKF)B!+.JY%13341=V8!.R M3UHAFZB8F(5L8@MAF)^;%0E/F)B%,&(+X9A#%1.SD$U=+T,Q.XN.. O9]'/O
M+TLH4U%QF7.Z<3.F(\O80?H.BHX27FXK;24V+6&1 -.IZ6\DEF55G@F>"E*/24FG?$K%._Z M[*.$C8R%1?Z/6%<06IZUK"HF)ITOL70ZF' GQ9>ZU7A\+RN>_JZ*B6EG _]+
MOZ!0Y4^+P"\>878R(]YT+4ZUY53,Pl8V+OM)A!]U'E!4+N=PP. &A(:F8 MZ-)A8@-L]BZYH/99TQLG\GE6%1R:N%N6HBHABT!^JTK2P>SC$-NG:+2WVU?=3&/PL]P):DU2;CX/YQR'V
MSP'SZ]%Z*!Y3.S2B'^W*]I6*B0G((1;0 ,/E_)2+TD'TX]#K)\#X^$6;YO7-ME)ZD[6)B^C%>H_*F+?X_[V0ZF'X<8OT<79CG9=55&'O!/,/Q-B_OR?57F>C2;.8?R;D*]..+39]/K288 J;
MG&KRIVU$*B;FH,G(]G^>Y?8)[]!)HZ!!(WY\ KV^_\4$L#!!0 ('FLDEGZ M,(1HN0(..0W ; >&PO7W)E,';.O=V]R:V)O;VLN>&UL+G)E;'/-VKUN.MXD 81N%;0;Z F/F?6854VZ1=Y080&2
*8&1[M/1ML-F7X_KX.$[U]/ESK;KC^OQ.MLNQW[7F]>5_O;EN7RICVIS..!\?IF8N7SW/)GXG==ONVJ3^[S>]C/8W_&-S^.MZ2KW85_KV"Q>UOVNC]NF_3C<+(@_M]<.\?'8WB^?
?75=_.OYJFG3O((LC.'^00 MY.8A@CR\P<%!{7Y@R*"XOQ\"4%I_]".H#Q_4$%0F3-(+"GC4B!{@K6-UH9<-M&P&O#*<$V F(;DFT$S#0$VPBH.EGI:.;TM-M]-8*>MO)CVT!O2WUM@)Z6^IM!?2VU-
L*Z&VIMQ70VU)O*Z"WI=Y60&/+O.V MWHYZ.P&.]?5V GH[ZNT$']:3S1(!O1WU=@)Z.^KM!/1VU-L)Z.VHMQ0VU%O MJZ"WH]Y.0&]/O.V WIYZ>P&/)?7V GI[ZNT%]/.3S6X!O3WU]@)Z>^KM!?
3V MU-L+Z.VIMQ?0VU-O+Z!WH-Y!0.] O8. WH%Z!P&]_4, GH'ZAT$] Z3/RL% M] [4.PCH':AW$- [4.\@H'>@WD% [TB]HX#>D7!',TC]8X">D?]'07TGM0[
M"N@=]7<4T#M.#IL(Z]V!=Q30.U+O**!W]Y10.]&O9_WHEZ)P&]$_5, GHG MZJT$]&[4.PGHG:AW$M.[4>\DH'>:.'!94T#M1[R2@=Z+>24#O3+VS@-Z9>FPMH'>FWEE [T*] MBX#>A7H7
,T+]2X">A?J703T+M2[".A=]'?Y3KV\?.0AUO/UYK/_TZJQ\MW MZ^WQU^77QP#L<.R>W- M)[NM'_JP^GR(/_MN&C>)L[U/5A]/&X]9FZ2>YIYKZA#7Q>/8_I.R?DY(X\EE
MC]\ULJ^&^Q+O9L)OY<\!S^>^/EKGNM:N[FH7OM1#W"4.O?#A];<^/5_BC1ZG M[;9K;#LU#T.\DOK9V;KU.VO#T*>GHE?GDT.\87OZS"[.7\]<'XP[!PT^S@Q.M9\)?!S*2X^GU'.M9%
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M53,*JQG%U8P":T:155)DE119)45629%54F25%%DE159)D5529)4467.*K#E% MUIPB:TZ1-:?(FE-DS2FRYA19&UL4$L! A0# M% @ >:R265%'[YGO *P(!$ (!KP &1O8U!R M:W!S+V-O&UL4$L!
A0#% @ >:R269E&PO=V]R:W-H965T M&UL4$L! A0#% @ >:R2677_ZLPW!@ 5AD !@ M ("'U@\ 'AL+W=O&PO=V]R:W-H965T&UL4$L! M A0#% @ >:R269;LGQO. P 4PT !@ ("!@2 'AL
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'AL+W=O M&PO=V]R:W-H965T&UL4$L! A0#% @ >:R2625I M#[H(P @08 !D ("!G&\ 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ >:R269+]XJ83!@ \0T !D M ("!L'X 'AL+W=O&PO
M=V]R:W-H965T&UL4$L! A0#% @ >:R26:P/R0=] P HP< !D ("! M]!0 'AL+W=OF >&PO=V]R:W-H965T&UL4$L! A0#% M @ >:R266=FDD'Q P C0@ !D ("!E.D 'AL+W=O&PO=V]R:W-
H965T&UL4$L! A0#% @ >:R26:FE?E%. M P 5 < !D ("!7+@ 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ >:R26:F6^S9< @ D 8 !D M ("!\,. 'AL+W=O@ &0 @(&#O@ >&PO=V]R M:W-
H965T&UL M4$L! A0#% @ >:R261HE!9&L P "P< !D ("!?^X M 'AL+W=O#"! M&O4% !9$0 &0 @('B\0 >&PO=V]R:W-H965T&UL4$L! A0#% @ M>:R26=YXYUE[P X0< !D ("!^OL
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!D ("!80$ >&PO=V]R:W-H965T&UL4$L! A0#% @ >:R2644O/*-< @ X 0 !D M ("!96D! 'AL+W=O&PO M=V]R:W-H965T&UL4$L! A0#% @ >:R262_>=NK P \0H !D ("! M8G$!
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>:R2 M64V6] ^" P \0P !D ("!30 " 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ >:R262]X'!:> P Q!4 M T (!10\" 'AL+W-T>6QE&PO=V]R:V)O;VLN>&UL4$L! A0#% @ >:R26?HPA&BY @ Y#
< !H M (!$!L" 'AL+U]R96QS+W=O:R262]B9?]) @ %38 !, (!-1X" %M# G;VYT96YT7U1Y<&5S72Y$;6Q02P4& &< 9P!(' >R " end "*__XML 112 Show.js IDEA: XBRL DOCUMENT // Edgar(tm)__

__Renderer was created by staff of the U.S. Securities and Exchange Commission. Data and content created by government employees within the scope of their employment are not subject to domestic copyright protection. 17 U.S.C. 105. var Show={};Show.LastAR=null,Show.showAR=function(a,r,w){if(Show.LastAR)Show.hideAR();var e=a;while(e&&e.nodeName!='TABLE')e=e.nextSibling;if(!e||e.nodeName!='TABLE'){var ref=((window)?w.document:document).getElementById(r);if(ref){e=ref.cloneNode(!0);e.removeAttribute('id');a.parentNode.appendChild(e)}} if(e)e.style.display='block';Show.LastAR=e};Show.hideAR=function(){Show.LastAR.style.display='none'};Show.toggleNext=function(a){var e=a;while(e.nodeName!='DIV')e=e.nextSibling;if(!e.style){}else if(!e.style.display){}else{var d,p;if(e.style.display=='none'){d='block';p='-'}else{d='none';p='+'}e.style.display=d;if(a.textContent)
{a.textContent=p+a.textContent.substring(1)}else{a.innerText=p+a.innerText.substring(1)}}} XML 113 report.css IDEA: XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2.0.24 */ /* DefRef Styles */ .report table.authRefData{ background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } .report table.authRefData a{ display: block; font-weight: bold; } .report table.authRefData p{ margin-top: 0px; } .report table.authRefData .hide{ background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } .report table.authRefData .hide a:hover{ background-color: #2F4497; } .report table.authRefData .body{ height: 150px; overflow: auto; width: 400px; } .report table.authRefData table{ font-size: 1em; } /* Report Styles */ .pl a, .pl a:visited{ color: black; text-decoration: none; } /* table */ .report{ background-color: white; border: 2px solid #acf; clear: both; color: black; font: normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr{ border: 1px solid #acf; } /* Top labels */ .report th{ background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void{ background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-serif; text-align: left; } .report .pl{ text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /* word-wrap: break-word; */ } .report td.pl a.a{ cursor: pointer; display: block; width: 200px; overflow: hidden; } .report td.pl div.a{ width: 200px; } .report td.pl a:hover{ background-color: #ffc; } /* Header rows... */ .report tr.rh{ background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc{ background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu{ background-color: #def; } .report .reu td{ border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou{ background-color: white; } .report .rou td{ border-bottom: 1px solid black; } .report .rou table td, .report .reu table td{ border-bottom: 0px solid black; } /* styles for footnote marker */ .report .fn{ white-space: nowrap; } /* styles for numeric types */ .report .num, .report .nump{ text-align: right; white-space: nowrap; } .report .nump{ padding-left: 2em; } .report .nump{ padding: 0px 0.4em 0px 2em; } /* styles for text types */ .report .text{ text-align: left; white-space: normal; } .report .text .big{ margin-bottom: 1em; width: 17em; } .report .text .more{ display: none; } .report .text .note{ font-style: italic; font-weight: bold; } .report .text .small{ width: 10em; } .report sup{ font-style: italic; } .report .outerFootnotes{ font-size: 1em; } XML 115 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.4 html 302 467 1 true 84 0 false 7 false false R1.htm 000100 - Document - Document and Entity Information Sheet http://phoronics.com/role/DocumentAndEntityInformation Document and Entity Information Cover 1 false false R2.htm 010000 - Statement - Consolidated Balance Sheets Sheet http://phoronics.com/role/ConsolidatedBalanceSheets Consolidated Balance Sheets Statements 2 false false R3.htm 010100 - Statement - Consolidated Balance Sheets (Parenthetical) Sheet http://phoronics.com/role/ConsolidatedBalanceSheetsParenthetical Consolidated Balance Sheets (Parenthetical) Statements 3 false false R4.htm 020000 - Statement - Consolidated Statements of Income Sheet http://phoronics.com/role/ConsolidatedStatementsOfIncome Consolidated Statements of Income Statements 4 false false R5.htm 030000 - Statement - Consolidated Statements of Comprehensive Income (Loss) Sheet http://phoronics.com/role/ConsolidatedStatementsOfComprehensiveIncomeLoss Consolidated Statements of Comprehensive Income (Loss) Statements 5 false false R6.htm 030100 - Statement - Consolidated Statements of Comprehensive Income (Loss) (Parenthetical) Sheet http://phoronics.com/role/ConsolidatedStatementsOfComprehensiveIncomeLossParenthetical Consolidated Statements of Comprehensive Income (Loss) (Parenthetical) Statements 6 false false R7.htm 040000 - 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Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Revenue Recognition (Details) Sheet http://photronics.com/role/SummaryOfSignificantAccountingPoliciesRevenueRecognitionDetails SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Revenue Recognition (Details) Details 61 false false R62.htm 090112 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Research and Development (Details) Sheet http://photronics.com/role/SummaryOfSignificantAccountingPoliciesResearchAndDevelopmentDetails SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Research and Development (Details) Details 62 false false R63.htm 090114 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Government Grants (Details) Sheet http://photronics.com/role/SummaryOfSignificantAccountingPoliciesGovernmentGrantsDetails SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Government Grants (Details) Details 63 false false R64.htm 090116 - Disclosure - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Variable Interest Entities (Details) Sheet http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, Variable Interest Entities (Details) Details 64 false false R65.htm 090200 - Disclosure - ACCOUNTS RECEIVABLE (Details) Sheet http://photronics.com/role/AccountsReceivableDetails ACCOUNTS RECEIVABLE (Details) Details http://photronics.com/role/AccountsReceivableTables 65 false false R66.htm 090300 - Disclosure - OTHER CURRENT ASSETS (Details) Sheet http://photronics.com/role/OtherCurrentAssetsDetails OTHER CURRENT ASSETS (Details) Details http://photronics.com/role/OtherCurrentAssetsTables 66 false false R67.htm 090400 - Disclosure - INVENTORIES (Details) Sheet http://photronics.com/role/InventoriesDetails INVENTORIES (Details) Details http://photronics.com/role/InventoriesTables 67 false false R68.htm 090500 - Disclosure - PROPERTY, PLANT AND EQUIPMENT, NET (Details) Sheet http://photronics.com/role/PropertyPlantAndEquipmentNetDetails PROPERTY, PLANT AND EQUIPMENT, NET (Details) Details http://photronics.com/role/PropertyPlantAndEquipmentNetTables 68 false false R69.htm 090600 - Disclosure - PDMCX JOINT VENTURE, VIE (Details) Sheet http://photronics.com/role/PdmcxJointVentureVieDetails PDMCX JOINT VENTURE, VIE (Details) Details 69 false false R70.htm 090602 - 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Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r96", "r739", "r938"] }, "us-gaap_CompensationAndRetirementDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CompensationAndRetirementDisclosureAbstract", "lang": { "en-us": { "role": { "label": "EMPLOYEE RETIREMENT PLANS [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ComponentsOfDeferredTaxAssetsAndLiabilitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComponentsOfDeferredTaxAssetsAndLiabilitiesAbstract", "presentation": ["http://photronics.com/role/IncomeTaxesComponentsOfIncomeTaxesDetails"], "lang": { "en-us": { "role": { "label": "Classification [Abstract]" } } }, "auth_ref": [] }, "plab_ComponentsOfIncomeBeforeIncomeTaxProvisionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "ComponentsOfIncomeBeforeIncomeTaxProvisionAbstract", "presentation": ["http://photronics.com/role/IncomeTaxesComponentsOfIncomeTaxesDetails"], "lang": { "en-us": { "role": { "label": "Components Of Income Before Income Tax Provision [Abstract]", "terseLabel": "Components of Income Before Income Tax Provision [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "presentation": ["http://photronics.com/role/ConsolidatedStatementsOfComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "Comprehensive income (loss) attributable to Photronics, Inc. shareholders", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r23", "r234", "r236", "r244", "r728", "r753", "r755"] }, "us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest", "crdr": "debit", "presentation": ["http://photronics.com/role/ConsolidatedStatementsOfComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "label": "Less: comprehensive income attributable to noncontrolling interests", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income (loss) and other comprehensive income (loss), attributable to noncontrolling interests. 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Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r71", "r145", "r234", "r236", "r242", "r726", "r753"] }, "us-gaap_ConcentrationRiskBenchmarkDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskBenchmarkDomain", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails", "http://photronics.com/role/RisksAndConcentrationsTables"], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Domain]", "documentation": "The denominator in a calculation of a disclosed concentration risk percentage." } } }, "auth_ref": ["r36", "r37", "r75", "r76", "r300", "r867"] }, "us-gaap_ConcentrationRiskByBenchmarkAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByBenchmarkAxis", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails", "http://photronics.com/role/RisksAndConcentrationsTables"], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Axis]", "documentation": "Information by benchmark of concentration risk." } } }, "auth_ref": ["r36", "r37", "r75", "r76", "r300", "r777", "r867"] }, "us-gaap_ConcentrationRiskByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByTypeAxis", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails"], "lang": { "en-us": { "role": { "label": "Concentration Risk Type [Axis]", "documentation": "Information by type of concentration risk, for example, but not limited to, asset, liability, net assets, geographic, customer, employees, supplier, lender." } } }, "auth_ref": ["r36", "r37", "r75", "r76", "r300", "r867", "r984"] }, "us-gaap_ConcentrationRiskDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskDisclosureTextBlock", "presentation": ["http://photronics.com/role/RisksAndConcentrations"], "lang": { "en-us": { "role": { "verboseLabel": "RISKS AND CONCENTRATIONS", "label": "Concentration Risk Disclosure [Text Block]", "documentation": "The entire disclosure for any concentrations existing at the date of the financial statements that make an entity vulnerable to a reasonably possible, near-term, severe impact. This disclosure informs financial statement users about the general nature of the risk associated with the concentration, and may indicate the percentage of concentration risk as of the balance sheet date." } } }, "auth_ref": ["r127"] }, "us-gaap_ConcentrationRiskLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskLineItems", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails", "http://photronics.com/role/RisksAndConcentrationsTables"], "lang": { "en-us": { "role": { "label": "Concentration Risk [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r867"] }, "us-gaap_ConcentrationRiskPercentage1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskPercentage1", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails"], "lang": { "en-us": { "role": { "label": "Customer's percentage of net accounts receivable/revenue", "documentation": "For an entity that discloses a concentration risk in relation to quantitative amount, which serves as the \"benchmark\" (or denominator) in the equation, this concept represents the concentration percentage derived from the division." } } }, "auth_ref": ["r36", "r37", "r75", "r76", "r300"] }, "us-gaap_ConcentrationRiskTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTypeDomain", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails"], "lang": { "en-us": { "role": { "label": "Concentration Risk Type [Domain]", "documentation": "For an entity that discloses a concentration risk as a percentage of some financial balance or benchmark, identifies the type (for example, asset, liability, net assets, geographic, customer, employees, supplier, lender) of the concentration." } } }, "auth_ref": ["r36", "r37", "r75", "r76", "r300", "r867"] }, "us-gaap_ConcentrationRisksTypesNoConcentrationPercentageAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRisksTypesNoConcentrationPercentageAbstract", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails"], "lang": { "en-us": { "role": { "label": "Geographical Areas [Abstract]" } } }, "auth_ref": [] }, "srt_ConsolidatedEntitiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesAxis", "presentation": ["http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails", "http://photronics.com/role/PdmcxJointVentureVieDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails"], "lang": { "en-us": { "role": { "label": "Consolidated Entities [Axis]", "documentation": "Information by consolidated entity or group of entities." } } }, "auth_ref": ["r183", "r203", "r256", "r575", "r576", "r579", "r580", "r655", "r873", "r1001", "r1002", "r1003", "r1064", "r1067", "r1068"] }, "srt_ConsolidatedEntitiesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesDomain", "presentation": ["http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails", "http://photronics.com/role/PdmcxJointVentureVieDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails"], "lang": { "en-us": { "role": { "label": "Consolidated Entities [Domain]", "documentation": "Entity or group of entities consolidated into reporting entity." } } }, "auth_ref": ["r183", "r203", "r256", "r575", "r576", "r579", "r580", "r655", "r873", "r1001", "r1002", "r1003", "r1064", "r1067", "r1068"] }, "plab_ConsolidationJointVentureVariableInterestEntityPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://photronics.com/20241031", "localname": "ConsolidationJointVentureVariableInterestEntityPolicyPolicyTextBlock", "presentation": ["http://photronics.com/role/PdmcxJointVenturePolicies"], "lang": { "en-us": { "role": { "documentation": "Disclosure of accounting policy for consolidation to describe the significant judgments and assumptions made in determining whether a variable interest held by the entity requires the variable interest entity to be consolidated and (or) disclose information about its involvement with the variable interest entity; the methodology used by the entity for determining whether or not it is the primary beneficiary of the variable interest entity; and the significant factors considered and judgments made in determining that the power to direct the activities that significantly impact the economic performance of the variable interest entity are shared (as defined).", "label": "Consolidation, Joint Venture Variable Interest Entity, Policy [Policy Text Block]", "terseLabel": "Variable Interest Entities" } } }, "auth_ref": [] }, "us-gaap_ConsolidationPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConsolidationPolicyTextBlock", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Principles of Consolidation", "label": "Consolidation, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of

*subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary." } } }, "auth_ref": ["r60", "r891"] }, "us-gaap_ConsolidationVariableInterestEntityPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConsolidationVariableInterestEntityPolicy", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Variable Interest Entities", "label": "Consolidation, Variable Interest Entity, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for consolidation to describe the significant judgments and assumptions made in determining whether a variable interest held by the entity requires the variable interest entity to be consolidated and (or) disclose information about its involvement with the variable interest entity; the methodology used by the entity for determining whether or not it is the primary beneficiary of the variable interest entity; and the significant factors considered and judgments made in determining that the power to direct the activities that significantly impact the economic performance of the variable interest entity are shared (as defined)." } } }, "auth_ref": ["r56", "r63", "r65"] }, "us-gaap_ConstructionInProgressMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConstructionInProgressMember", "presentation": ["http://photronics.com/role/PropertyPlantAndEquipmentNetDetails"], "lang": { "en-us": { "role": { "label": "Construction in Progress [Member]", "documentation": "Structure or a modification to a structure under construction. Includes recently completed structures or modifications to structures that have not been placed into service." } } }, "auth_ref": [] }, "us-gaap_ContractWithCustomerAssetAndLiabilityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerAssetAndLiabilityAbstract", "presentation": [
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Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_ContractualObligationDueInFifthYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractualObligationDueInFifthYear", "crdr": "credit", "presentation": ["http://photronics.com/role/CommitmentsAndContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "2029", "label": "Contractual Obligation, to be Paid, Year Five", "documentation": "Amount of contractual obligation to be paid in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_ContractualObligationDueInFourthYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractualObligationDueInFourthYear", "crdr": "credit", "presentation": ["http://photronics.com/role/CommitmentsAndContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "2028", "label": "Contractual Obligation, to be Paid, Year Four", "documentation": "Amount of contractual obligation to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_ContractualObligationDueInNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractualObligationDueInNextTwelveMonths", "crdr": "credit", "presentation": ["http://photronics.com/role/CommitmentsAndContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "2025", "label": "Contractual Obligation, to be Paid, Year One", "documentation": "Amount of contractual obligation to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_ContractualObligationDueInSecondYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractualObligationDueInSecondYear", "crdr": "credit", "presentation": ["http://photronics.com/role/CommitmentsAndContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "2026", "label": "Contractual Obligation, to be Paid, Year Two", "documentation": "Amount of contractual obligation to be paid in second fiscal year following current fiscal year. 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Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_ContractualObligationFiscalYearMaturityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractualObligationFiscalYearMaturityAbstract", "presentation": ["http://photronics.com/role/CommitmentsAndContingenciesDetails"], "lang": { "en-us": { "role": { "label": "Unrecognized Commitments [Abstract]" } } }, "auth_ref": [] }, "srt_ContractualObligationFiscalYearMaturityScheduleTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ContractualObligationFiscalYearMaturityScheduleTableTextBlock", "presentation": [
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Addresses all significant policy factors, including any antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements." } } }, "auth_ref": [ "r33", "r34", "r283" ] }, "us-gaap_EarningsPerShareReconciliationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareReconciliationAbstract", "presentation": [ "http://photronics.com/role/EarningsPerShareDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Calculation of Basic and Diluted Earnings Per Share [Abstract]", "label": "Earnings Per Share Reconciliation [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareTextBlock", "presentation": [ "http://photronics.com/role/EarningsPerShare" ], "lang": { "en-us": { "role": { "verboseLabel": "EARNINGS PER SHARE", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": [ "r271", "r282", "r284", "r285" ] }, "us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "label": "Effects of exchange rate changes on cash, cash equivalents, and restricted cash", "documentation": "Amount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r617" ] }, "us-gaap_EffectiveIncomeTaxRateContinuingOperations": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateContinuingOperations", "presentation": [ "http://photronics.com/role/IncomeTaxesComponentsOfIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "label": "Photronics effective tax rates", "documentation": "Percentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": [ "r527", "r923" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate", "presentation": [ "http://photronics.com/role/IncomeTaxesComponentsOfIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "label": "U.S. statutory tax rates", "documentation": "Percentage of domestic federal statutory tax rate applicable to pretax income (loss)." } } }, "auth_ref": [ "r255", "r527", "r559", "r923" ] }, "us-gaap_EmployeeRelatedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeRelatedLiabilitiesCurrent", "crdr": "credit", "presentation": [ "http://photronics.com/role/AccruedLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Compensation related expenses", "label": "Employee-related Liabilities, Current", "documentation": "Total of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r85" ] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized", "crdr": "debit", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "label": "Unrecognized compensation cost", "documentation": "Amount of cost not yet recognized for nonvested award under share-based payment arrangement." } } }, "auth_ref": [ "r508" ] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedAbstract", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "label": "Estimated Expenses Not Yet Incurred [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Weighted-average amortization period (in years)", "label": "Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition", "documentation": "Weighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [ "r508" ] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedShareBasedAwardsOtherThanOptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedShareBasedAwardsOtherThanOptions", "crdr": "debit", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "label": "Compensation cost not yet recognized", "documentation": "Amount of cost to be recognized for nonvested award under share-based payment arrangement. Excludes share and unit options." } } }, "auth_ref": [ "r1078" ] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedStockOptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedStockOptions", "crdr": "debit", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Compensation cost not yet recognized", "label": "Share-Based Payment Arrangement, Nonvested Award, Option, Cost Not yet Recognized, Amount", "documentation": "Amount of cost to be recognized for option under share-based payment arrangement." } } }, "auth_ref": [ "r1078" ] }, "us-gaap_EmployeeServiceShareBasedCompensationTaxBenefitFromExerciseOfStockOptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationTaxBenefitFromExerciseOfStockOptions", "crdr": "credit", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "label": "Income tax benefits of share-based compensation", "documentation": "Amount of tax benefit from exercise of option under share-based payment arrangement." } } }, "auth_ref": [ "r177" ] }, "us-gaap_EmployeeStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockMember", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "label": "Employee Stock Purchase Plan [Member]", "documentation": "An Employee Stock Purchase Plan is a tax-efficient means by which employees of a corporation can purchase the corporation's stock." } } }, "auth_ref": [] }, "us-gaap_EmployeeStockOptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockOptionMember", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails", "http://photronics.com/role/SharebasedCompensationPolicies" ], "lang": { "en-us": { "role": { "terseLabel": "Stock Options [Member]", "label": "Employee Stock Option [Member]", "documentation": "Share-based payment arrangement granting right, subject to vesting and other restrictions, to purchase or sell certain number of shares at predetermined price for specified period of time." } } }, "auth_ref": [] }, "plab_EmployeeStockPurchasePlanPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://photronics.com/20241031", "localname": "EmployeeStockPurchasePlanPolicyTextBlock", "presentation": [ "http://photronics.com/role/SharebasedCompensationPolicies" ], "lang": { "en-us": { "role": {
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"documentation": "Disclosure of accounting policy for Employee Stock Purchase Plan.", "label": "Employee Stock Purchase Plan [Policy Text Block]", "terseLabel": "Employee Stock Purchase Plan" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Address, City or Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref": [] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Central Index Key", "documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": [ "r969" ] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityCurrentReportingStatus": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCurrentReportingStatus", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Current Reporting Status", "documentation": "Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityEmergingGrowthCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Emerging Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": [ "r969" ] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity File Number", "documentation": "Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen." } } }, "auth_ref": [] }, "dei_EntityFilerCategory": { "xbrltype": "filerCategoryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFilerCategory", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Filer Category", "documentation": "Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [ "r969" ] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Incorporation, State or Country Code", "documentation": "Two-character EDGAR code representing the state or country of incorporation." } } }, "auth_ref": [] }, "dei_EntityInteractiveDataCurrent": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInteractiveDataCurrent", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Interactive Data Current", "documentation": "Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)." } } }, "auth_ref": [ "r978" ] }, "dei_EntityPublicFloat": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPublicFloat", "crdr": "credit", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Public Float", "documentation": "The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold, or the average bid and asked price of such common equity, as of the last business day of the registrant's most recently completed second fiscal quarter." } } }, "auth_ref": [] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Registrant Name", "documentation": "The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC." } } }, "auth_ref": [ "r969" ] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Shell Company", "documentation": "Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act." } } }, "auth_ref": [ "r969" ] }, "dei_EntitySmallBusiness": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitySmallBusiness", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Small Business", "documentation": "Indicates that the company is a Smaller Reporting Company (SRC)." } } }, "auth_ref": [ "r969" ] }, "dei_EntityTaxIdentificationNumber": { "xbrltype": "employerIdItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTaxIdentificationNumber", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Tax Identification Number", "documentation": "The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS." } } }, "auth_ref": [ "r969" ] }, "dei_EntityVoluntaryFilers": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityVoluntaryFilers", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Voluntary Filers", "documentation": "Indicate 'Yes' or 'No' if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act." } } }, "auth_ref": [] }, "dei_EntityWellKnownSeasonedIssuer": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityWellKnownSeasonedIssuer", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Entity Well-known Seasoned Issuer", "documentation": "Indicate 'Yes' or 'No' if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Is used on Form Type: 10-K, 10-Q, 8-K, 20-F, 6-K, 10-K/A, 10-Q/A, 20-F/A, 6-K/A, N-CSR, N-Q, N-1A." } } }, "auth_ref": [ "r979" ] }, "us-gaap_EquityClassOfTreasuryStockLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityClassOfTreasuryStockLineItems", "presentation": [ "http://photronics.com/role/ShareRepurchaseProgramsDetails" ], "lang": { "en-us": { "role": { "label": "Equity, Class of Treasury Stock [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_EquityComponentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityComponentDomain", "presentation": [ "http://photronics.com/role/ChangesInAccumulatedOtherComprehensiveLossIncomeByComponentDetails", "http://photronics.com/role/ConsolidatedStatementsOfEquity" ], "lang": { "en-us": { "role": { "label": "Equity Component [Domain]", "documentation": "Components of equity are the parts of the total Equity balance including that which is allocated to common, preferred, treasury stock, retained earnings, etc." } } }, "auth_ref": [ "r14", "r213", "r238", "r239", "r240", "r257", "r258", "r259", "r261", "r266", "r268", "r270", "r288", "r335", "r336", "r371", "r426", "r557", "r558", "r567", "r568", "r569", "r571", "r572", "r573", "r581", "r582", "r583", "r584", "r585", "r586", "r588", "r618", "r620", "r621", "r622", "r623", "r624", "r626", "r629", "r649", "r751", "r770", "r771", "r772", "r791", "r849" ] }, "plab_EuropeAndOtherMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "EuropeAndOtherMember", "presentation": [ "http://photronics.com/role/RisksAndConcentrationsDetails" ], "lang": { "en-us": { "role": { "documentation": "The continent of Europe and other areas.", "label": "Europe and Other [Member]", "terseLabel": "Europe and Other [Member]" } } }, "auth_ref": [] }, "srt_EuropeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "EuropeMember", "presentation": [ "http://photronics.com/role/RevenueDisaggregationOfRevenueDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesBusinessDetails" ], "lang": { "en-us": { "role": { "label": "Europe [Member]", "documentation": "Continent of Europe." } } }, "auth_ref": [ "r997", "r998", "r999", "r1000", "r1156", "r1157", "r1158", "r1159" ] }, "srt_ExecutiveOfficerMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ExecutiveOfficerMember", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "label": "Executive [Member]", "documentation": "Person with designation of executive officer." } } }, "auth_ref": [ "r1036" ] }, "plab_ExpectedRefundableFederalInvestmentTaxCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://photronics.com/20241031", "localname": "ExpectedRefundableFederalInvestmentTaxCredit", "crdr": "debit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "documentation": "Future cash inflow expected from refundable federal investment tax credit.", "label": "Expected Refundable Federal Investment Tax Credit", "terseLabel": "Expected refundable federal investment tax credit" } } }, "auth_ref": [] }, "us-gaap_FairValueAssetsMeasuredOnRecurringBasisTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsMeasuredOnRecurringBasisTextBlock", "presentation": [ "http://photronics.com/role/FairValueMeasurementsTables" ], "lang": { "en-us": { "role": { "label": "Assets Measured at Fair Value on Recurring Basis", "documentation": "Tabular disclosure of assets, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, by class that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": [ "r1093", "r1094" ] }, "us-gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByFairValueHierarchyLevelAxis", "presentation": [ "http://photronics.com/role/FairValueMeasurementsDetails" ], "lang": { "en-us": { "role": { "label": "Fair Value Hierarchy and NAV [Axis]", "documentation": "Information by level within fair value hierarchy and fair value measured at net asset value per share as practical expedient." } } }, "auth_ref": [ "r411", "r454", "r455", "r456", "r457", "r458", "r459", "r591", "r593", "r594", "r595", "r596", "r602", "r603", "r605", "r659", "r660", "r661", "r903", "r904", "r915", "r916", "r917", "r926", "r929" ] }, "us-gaap_FairValueByMeasurementFrequencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByMeasurementFrequencyAxis", "presentation": [ "http://photronics.com/role/FairValueMeasurementsDetails" ], "lang": { "en-us": { "role": { "label": "Measurement Frequency [Axis]", "documentation": "Information by measurement frequency." } } }, "auth_ref": [ "r592", "r593", "r594", "r596", "r926", "r1096", "r1099" ] }, "us-gaap_FairValueDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresAbstract", "lang": { "en-us": { "role": { "label": "FAIR VALUE MEASUREMENTS [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FairValueDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": [ "http://photronics.com/role/FairValueMeasurements" ], "lang": { "en-us": { "role": { "verboseLabel": "FAIR VALUE MEASUREMENTS", "label": "Fair Value Disclosures [Text Block]", "documentation": "The entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information." } } }, "auth_ref": [ "r598", "r600", "r601", "r602", "r605", "r606", "r607", "r608", "r609", "r723", "r926", "r930" ] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": [ "http://photronics.com/role/FairValueMeasurementsDetails" ], "lang":
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"r638", "r937" ] }, "us-gaap_FinanceLeaseRightOfUseAssetBeforeAccumulatedAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseRightOfUseAssetBeforeAccumulatedAmortization", "crdr": "debit", "presentation": [ "http://photronics.com/role/PropertyPlantAndEquipmentNetDetails" ], "lang": { "en-us": { "role": { "label": "Finance lease, right-of-use asset, gross", "documentation": "Amount, before accumulated amortization, of right-of-use asset from finance lease." } } }, "auth_ref": [ "r980" ] }, "us-gaap_FinanceLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList", "presentation": [ "http://photronics.com/role/LeasesInformationOnOperatingAndFinanceLeasesIncludedOnBalanceSheetDetails" ], "lang": { "en-us": { "role": { "label": "Finance Lease, Right-of-Use 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"Amount, before tax, of realized and unrealized gain (loss) from foreign currency transaction." } } }, "auth_ref": [ "r613", "r614", "r615", "r616", "r846" ] }, "us-gaap_ForeignCurrencyTransactionsAndTranslationsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForeignCurrencyTransactionsAndTranslationsPolicyTextBlock", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies" ], "lang": { "en-us": { "role": { "label": "Translation of Foreign Currency Financial Statements", "documentation": "Disclosure of accounting policy for (1) transactions denominated in a currency other than the reporting enterprise's functional currency, (2) translating foreign currency financial statements that are incorporated into the financial statements of the reporting enterprise by consolidation, combination, or the equity method of accounting, and (3) remeasurement of the financial statements of a foreign 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Examples include, but are not limited to, desks, chairs, tables, and bookcases." } } }, "auth_ref": [] }, "plab_FutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://photronics.com/20241031", "localname": "FutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesTableTextBlock", "presentation": [ "http://photronics.com/role/LeasesTables" ], "lang": { "en-us": { "role": { "documentation": "Tabular disclosure of undiscounted cash flows of lessee's operating and finance lease liability.", "label": "Future Lease Payments under Noncancelable Operating and Finance Leases [Table Text Block]", "terseLabel": "Future Lease Payments under Noncancelable Operating and Finance Leases" } } }, "auth_ref": [] }, "us-gaap_GainLossOnSaleOfPropertyPlantEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnSaleOfPropertyPlantEquipment", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome" ], "lang": { "en-us": { "role": { "terseLabel": "Other operating expense", "label": "Gain (Loss) on Disposition of Property Plant Equipment", "documentation": "Amount of gain (loss) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property." } } }, "auth_ref": [ "r8" ] }, "plab_GovernmentGrantsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "GovernmentGrantsAbstract", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesGovernmentGrantsDetails" ], "lang": { "en-us": { "role": { "label": "Government Grants [Abstract]" } } }, "auth_ref": [] }, "plab_GovernmentGrantsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://photronics.com/20241031", "localname": "GovernmentGrantsPolicyTextBlock", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies" ], "lang": { "en-us": { "role": { "documentation": "Disclosure of accounting policy for government grants.", "label": "Government Grants [Policy Text Block]", "terseLabel": "Government Grants" } } }, "auth_ref": [] }, "us-gaap_GrossProfit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GrossProfit", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome" ], "lang": { "en-us": { "role": { "totalLabel": "Gross profit", "label": "Gross Profit", "documentation": "Aggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity." } } }, "auth_ref": [ "r110", "r114", "r167", "r253", "r334", "r388", "r389", "r390", "r391", "r392", "r393", "r394", "r395", "r396", "r611", "r896", "r897", "r1030", "r1031", "r1032", "r1033", "r1034", "r1065" ] }, "plab_HighEndFlatPanelDisplaysMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "HighEndFlatPanelDisplaysMember", "presentation": [ "http://photronics.com/role/RevenueDisaggregationOfRevenueDetails" ], "lang": { "en-us": { "role": { "documentation": "Represents the classification of products by performance.", "label": "High-end Flat Panel Displays [Member]", "terseLabel": "High-end [Member]" } } }, "auth_ref": [] }, "plab_HighEndIntegratedCircuitsMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "HighEndIntegratedCircuitsMember", "presentation": [ "http://photronics.com/role/RevenueDisaggregationOfRevenueDetails" ], "lang": { "en-us": { "role": { "documentation": "Represents the classification of products by performance.", "label": "High-end Integrated Circuits [Member]", "terseLabel": "High-end [Member]" } } }, "auth_ref": [] }, "dei_IcfrAuditorAttestationFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "IcfrAuditorAttestationFlag", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "ICFR Auditor Attestation Flag" } } }, "auth_ref": [ "r971", "r972", "r973" ] }, "us-gaap_ImpairmentOrDisposalOfLongLivedAssetsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ImpairmentOrDisposalOfLongLivedAssetsPolicyTextBlock", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies" ], "lang": { "en-us": { "role": { "label": "Impairment of Long-Lived Assets", "documentation": "Disclosure of accounting policy for recognizing and measuring the impairment of long-lived assets. 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Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income." } } }, "auth_ref": ["r1106"] }, "us-gaap_LeaseholdImprovementsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseholdImprovementsMember", "presentation": ["http://photronics.com/role/PropertyPlantAndEquipmentNetDetails"], "lang": { "en-us": { "role": { "label": "Leasehold Improvements [Member]", "documentation": "Additions or improvements to assets held under a lease arrangement." } } }, "auth_ref": ["r133", "r647"] }, "us-gaap_LeasesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeasesAbstract", "lang": { "en-us": { "role": { "label": "LEASES [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LesseeFinanceLeaseTermOfContract1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeFinanceLeaseTermOfContract1", "presentation": ["http://photronics.com/role/DebtFinanceLeasesDetails"], "lang": { "en-us": { "role": { "label": "Finance lease contract term", "documentation": "Term of lessee's finance lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r1105"] }, "us-gaap_LesseeLeasesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeLeasesPolicyTextBlock", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "verboseLabel": "Leases", "label": "Lessee, Leases [Policy Text Block]", "documentation": "Disclosure of accounting policy for leasing arrangement entered into by lessee." } } }, "auth_ref": ["r637"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDue", "crdr": "credit", "presentation": ["http://photronics.com/role/LeasesFutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total lease payments", "label": "Lessee, Operating Lease, Liability, to be Paid", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease." } } }, "auth_ref": ["r646"] }, "plab_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFour": { "xbrltype": "monetaryItemType", "nsuri": "http://photronics.com/20241031", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFour", "crdr": "credit", "presentation": ["http://photronics.com/role/LeasesFutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease due after fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach).", "label": "Lessee, Operating Lease, Liability, Payments due after Year Four", "terseLabel": "2029 and thereafter" } } }, "auth_ref": [] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths", "crdr": "credit", "presentation": ["http://photronics.com/role/LeasesFutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "verboseLabel": "2025", "label": "Lessee, Operating Lease, Liability, to be Paid, Year One", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r646"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueYearFour", "crdr": "credit", "presentation": ["http://photronics.com/role/LeasesFutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "label": "2028", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r646"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueYearThree", "crdr": "credit", "presentation": ["http://photronics.com/role/LeasesFutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "verboseLabel": "2027", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Three", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r646"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueYearTwo", "crdr": "credit", "presentation": ["http://photronics.com/role/LeasesFutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "verboseLabel": "2026", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Two", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r646"] }, "us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityUndiscountedExcessAmount", "crdr": "credit", "presentation": ["http://photronics.com/role/LeasesFutureLeasePaymentsUnderNoncancelableOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Imputed interest", "label": "Lessee, Operating Lease, Liability, Undiscounted Excess Amount", "documentation": "Amount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease." } } }, "auth_ref": ["r646"] }, "plab_LesseeOperatingLeaseWeightedAverageRemainingLeaseTermDiscountRateTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://photronics.com/20241031", "localname": "LesseeOperatingLeaseWeightedAverageRemainingLeaseTermDiscountRateTextBlock", "presentation": ["http://photronics.com/role/LeasesTables"], "lang": { "en-us": { "role": { "documentation": "Tabular disclosure of lessee's weighted-average remaining lease term and weighted-average discount rate.", "label": "Lessee, Operating Lease, Weighted Average Remaining Lease Term, Discount Rate [Text Block]", "terseLabel": "Weighted-Average Remaining Lease Terms And Weighted-Average Discount Rates" } } }, "auth_ref": [] }, "us-gaap_LesseeOperatingLeasesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeasesTextBlock", "presentation": ["http://photronics.com/role/Leases"], "lang": { "en-us": { "role": { "verboseLabel": "LEASES", "label": "Lessee, Operating Leases [Text Block]", "documentation": "The entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability." } } }, "auth_ref": ["r628"] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "presentation": ["http://photronics.com/role/ConsolidatedBalanceSheets", "http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities", "label": "Liabilities", "documentation": "Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others." } } }, "auth_ref": ["r19", "r84", "r85", "r86", "r89", "r90", "r91", "r94", "r253", "r334", "r388", "r389", "r390", "r391", "r392", "r393", "r394", "r395", "r396", "r576", "r579", "r580", "r611", "r804", "r895", "r967", "r1065", "r1108", "r1109"] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "presentation": ["http://photronics.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities and equity", "label": "Liabilities and Equity", "documentation": "Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any." } } }, "auth_ref": ["r102", "r159", "r743", "r938", "r1020", "r1054", "r1100"] }, "us-gaap_LiabilitiesAndStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquityAbstract", "presentation": ["http://photronics.com/role/ConsolidatedBalanceSheets", "http://photronics.com/role/ConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "LIABILITIES AND EQUITY", "label": "Liabilities and Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrent", "crdr": "credit", "presentation": ["http://photronics.com/role/ConsolidatedBalanceSheets", "http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total current liabilities", "label": "Current liabilities", "documentation": "Total obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer." } } }, "auth_ref": ["r86", "r217", "r253", "r334", "r388", "r389", "r390", "r391", "r392", "r393", "r394", "r395", "r396", "r576", "r579", "r580", "r611", "r938", "r1065", "r1108", "r1109"] }, "us-gaap_LiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrentAbstract", "presentation": ["http://photronics.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Current liabilities:" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesNoncurrent", "crdr":

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Examples include, but are not limited to, trade accounts receivables, notes receivables, loans receivables. Includes disclosure for allowance for credit losses." } } }, "auth_ref": [ "r625", "r1035" ] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": [ "http://photronics.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LongLivedAssetsByGeographicAreasTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongLivedAssetsByGeographicAreasTableTextBlock", "presentation": [ "http://photronics.com/role/RisksAndConcentrationsTables" ], "lang": { "en-us": { "role": { "label": "Long-Lived Assets by Geographic Area", "documentation": "Tabular disclosure of long-lived assets, excluding financial instruments, long-term customer relationships of a financial institution, mortgage rights, deferred policy acquisition costs, and deferred tax assets, by geographic areas located in the entity's country of domicile and foreign countries in which the entity holds assets." } } }, "auth_ref": [ "r129" ] }, "us-gaap_LongTermDebtAndCapitalLeaseObligations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtAndCapitalLeaseObligations", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedBalanceSheets", "http://photronics.com/role/DebtLongtermDebtDetails", "http://photronics.com/role/PdmcxJointVentureVieDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Long-term debt", "totalLabel": "Long-term debt", "label": "Long-Term Debt and Lease Obligation", "documentation": "Amount of long-term debt and lease obligation, classified as noncurrent." } } }, "auth_ref": [ "r19", "r736" ] }, "us-gaap_LongTermDebtAndCapitalLeaseObligationsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtAndCapitalLeaseObligationsCurrent", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "terseLabel": "Current portion of long-term debt", "label": "Long-Term Debt and Lease Obligation, Current", "documentation": "Amount of long-term debt and lease obligation, classified as current." } } }, "auth_ref": [ "r85" ] }, "us-gaap_LongTermDebtByMaturityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtByMaturityAbstract", "presentation": [ "http://photronics.com/role/DebtLongtermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Long-term debt [Abstract]", "label": "Long-Term Debt, Fiscal Year Maturity [Abstract]" } } }, "auth_ref": [] }, "plab_LongTermDebtMaturingInYearOneAbstract": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "LongTermDebtMaturingInYearOneAbstract", "presentation": [ "http://photronics.com/role/DebtLongtermDebtDetails" ], "lang": { "en-us": { "role": { "label": "Long Term Debt Maturing In Year One [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInNextTwelveMonths", "crdr": "credit", "presentation": [ "http://photronics.com/role/DebtLongtermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Next 12 months", "label": "Long-Term Debt, Maturity, Year One", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r10", "r256", "r415" ] }, "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFive", "crdr": "credit", "presentation": [ "http://photronics.com/role/DebtLongtermDebtDetails" ], "lang": { "en-us": { "role": { "label": "Months 49 - 60", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r10", "r256", "r415" ] }, "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFour": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFour", "crdr": "credit", "presentation": [ "http://photronics.com/role/DebtLongtermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Months 37 - 48", "label": "Long-Term Debt, Maturity, Year Four", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r10", "r256", "r415" ] }, "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInYearThree", "crdr": "credit", "presentation": [ "http://photronics.com/role/DebtLongtermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Months 25 - 36", "label": "Long-Term Debt, Maturity, Year Three", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r10", "r256", "r415" ] }, "us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtMaturitiesRepaymentsOfPrincipalInYearTwo", "crdr": "credit", "presentation": [ "http://photronics.com/role/DebtLongtermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Months 13 - 24", "label": "Long-Term Debt, Maturity, Year Two", "documentation": "Amount of long-term debt payable, sinking fund requirement, and other securities issued that are redeemable by holder at fixed or determinable price and date, maturing in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r10", "r256", "r415" ] }, "us-gaap_MachineryAndEquipmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MachineryAndEquipmentMember", "presentation": [ "http://photronics.com/role/PropertyPlantAndEquipmentNetDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPropertyPlantAndEquipmentNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Machinery and Equipment [Member]", "label": "Machinery and Equipment [Member]", "documentation": "Tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment." } } }, "auth_ref": [] }, "plab_MainstreamFlatPanelDisplaysMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "MainstreamFlatPanelDisplaysMember", "presentation": [ "http://photronics.com/role/RevenueDisaggregationOfRevenueDetails" ], "lang": { "en-us": { "role": { "documentation": "Represents the classification of products by performance.", "label": "Mainstream Flat Panel Displays [Member]", "terseLabel": "Mainstream [Member]" } } }, "auth_ref": [] }, "plab_MainstreamIntegratedCircuitsMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "MainstreamIntegratedCircuitsMember", "presentation": [ "http://photronics.com/role/RevenueDisaggregationOfRevenueDetails" ], "lang": { "en-us": { "role": { "documentation": "Represents the classification of products by performance.", "label": "Mainstream Integrated Circuits [Member]", "terseLabel": "Mainstream [Member]" } } }, "auth_ref": [] }, "plab_MajorCustomer1Member": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "MajorCustomer1Member", "presentation": [ "http://photronics.com/role/RelatedPartyTransactionsDetails" ], "lang": { "en-us": { "role": { "documentation": "Represents a major customer of the Company.", "label": "Major customer 1 [Member]", "verboseLabel": "Customer One [Member]" } } }, "auth_ref": [] }, "srt_MajorCustomersAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MajorCustomersAxis", "presentation": [ "http://photronics.com/role/RelatedPartyTransactionsDetails", "http://photronics.com/role/RisksAndConcentrationsDetails" ], "lang": { "en-us": { "role": { "label": "Customer [Axis]", "documentation": "Information by name or description of a single external customer or a group of external customers." } } }, "auth_ref": [ "r300", "r910", "r949", "r953", "r1072", "r1119", "r1123", "r1124", "r1126", "r1127", "r1128", "r1129", "r1130", "r1131", "r1132", "r1133", "r1134", "r1135", "r1136", "r1137", "r1138", "r1139", "r1140", "r1141", "r1142", "r1143", "r1144", "r1145", "r1146", "r1147", "r1148", "r1150", "r1151" ] }, "plab_ManufacturingFacilitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "ManufacturingFacilitiesAbstract", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesBusinessDetails" ], "lang": { "en-us": { "role": { "label": "Manufacturing Facilities [Abstract]" } } }, "auth_ref": [] }, "plab_ManufacturingFacilitiesByGeographicalRegionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "ManufacturingFacilitiesByGeographicalRegionLineItems", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesBusinessDetails" ], "lang": { "en-us": { "role": { "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table.", "label": "Manufacturing Facilities By Geographical Region [Line Items]" } } }, "auth_ref": [] }, "plab_ManufacturingFacilitiesByGeographicalRegionTable": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "ManufacturingFacilitiesByGeographicalRegionTable", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesBusinessDetails" ], "lang": { "en-us": { "role": { "documentation": "Describes the operating facilities of the reporting entity by geographical region.", "label": "Manufacturing Facilities by Geographical Region [Table]" } } }, "auth_ref": [] }, "srt_MaximumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": [ "http://photronics.com/role/IncomeTaxesUnrecognizedTaxBenefitsAndCarryforwardsDetails", "http://photronics.com/role/RevenueContractAssetsLiabilitiesAndAccountsReceivableDetails", "http://photronics.com/role/SharebasedCompensationDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPropertyPlantAndEquipmentNetDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesRevenueRecognitionDetails" ], "lang": { "en-us": { "role": { "label": "Maximum [Member]", "documentation": "Upper limit of the provided range." } } }, "auth_ref": [ "r184", "r186", "r188", "r189", "r191", "r211", "r212", "r382", "r383", "r384", "r385", "r469", "r515", "r596", "r690", "r766", "r768", "r776", "r796", "r797", "r854", "r858", "r860", "r861", "r863", "r879", "r880", "r899", "r907", "r918", "r929", "r930", "r934", "r935", "r950", "r1069", "r1110", "r1111", "r1112", "r1113", "r1114", "r1115" ] }, "plab_MinimumAgeOfEmployeesToComeUnderRetirementPlan": { "xbrltype": "durationItemType", "nsuri": "http://photronics.com/20241031", "localname": "MinimumAgeOfEmployeesToComeUnderRetirementPlan", "presentation": [ "http://photronics.com/role/EmployeeRetirementPlansDetails" ], "lang": { "en-us": { "role": { "documentation": "Represents the minimum age of employees to come under retirement plan.", "label": "Minimum age of employees to come under retirement plan", "terseLabel": "Minimum age of employees to come under retirement plan" } } }, "auth_ref": [] }, "srt_MinimumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MinimumMember", "presentation": [ "http://photronics.com/role/DebtFinanceLeasesDetails", "http://photronics.com/role/IncomeTaxesUnrecognizedTaxBenefitsAndCarryforwardsDetails", "http://photronics.com/role/PdmcxJointVentureVieDetails", "http://photronics.com/role/RevenueContractAssetsLiabilitiesAndAccountsReceivableDetails", "http://photronics.com/role/SharebasedCompensationDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPropertyPlantAndEquipmentNetDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesRevenueRecognitionDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails" ], "lang": { "en-us": { "role": { "label": "Minimum [Member]", "documentation": "Lower limit of the provided range." } } }, "auth_ref": [ "r184", "r186", "r188", "r189", "r191", "r211", "r212", "r382", "r383", "r384", "r385", "r469", "r515", "r596", "r690", "r766", "r768", "r776", "r796", "r797", "r854", "r858", "r860", "r861", "r863", "r879", "r880", "r899", "r907", "r918", "r929", "r930", "r934", "r950", "r1069", "r1110", "r1111", "r1112", "r1113", "r1114", "r1115" ] }, "plab_MinimumRemainingTermOfPlantAndEquipment": { "xbrltype": "durationItemType", "nsuri": "http://photronics.com/20241031", "localname": "MinimumRemainingTermOfPlantAndEquipment", "presentation": [ "http://photronics.com/role/CommitmentsAndContingenciesDetails" ], "lang": { "en-us": { "role": { "documentation": "Remaining term physical assets used in the normal conduct of business and not intended for resale, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen
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days.", "label": "Minimum Remaining Term of Plant and Equipment", "terseLabel": "Minimum remaining term of plant and equipment" } } }, "auth_ref": [] }, "us-gaap_MinorityInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterest", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "label": "Noncontrolling interests", "documentation": "Amount of equity (deficit) attributable to noncontrolling interest. Excludes temporary equity." } } }, "auth_ref": [ "r101", "r158", "r253", "r334", "r388", "r390", "r391", "r392", "r395", "r396", "r611", "r742", "r808" ] }, "us-gaap_MoneyMarketFundsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MoneyMarketFundsMember", "presentation": [ "http://photronics.com/role/FairValueMeasurementsDetails" ], "lang": { "en-us": { "role": { "label": "Money Market Funds [Member]", "documentation": "Fund that invests in short-term money-market instruments, for example, but not limited to, commercial paper, banker's acceptances, repurchase agreements, government securities, certificates of deposit, and other highly liquid securities." } } }, "auth_ref": [ "r1076" ] }, "plab_MonthlyMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "MonthlyMember", "presentation": [ "http://photronics.com/role/DebtFinanceLeasesDetails" ], "lang": { "en-us": { "role": { "documentation": "Finance lease monthly payments.", "label": "Monthly [Member]", "terseLabel": "Monthly [Member]" } } }, "auth_ref": [] }, "srt_NameOfMajorCustomerDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "NameOfMajorCustomerDomain", "presentation": [ "http://photronics.com/role/RelatedPartyTransactionsDetails", "http://photronics.com/role/RisksAndConcentrationsDetails" ], "lang": { "en-us": { "role": { "label": "Customer [Domain]", "documentation": "Single external customer or group of external customers." } } }, "auth_ref": [ "r300", "r910", "r949", "r953", "r1072", "r1119", "r1123", "r1124", "r1126", "r1127", "r1128", "r1129", "r1130", "r1131", "r1132", "r1133", "r1134", "r1135", "r1136", "r1137", "r1138", "r1139", "r1140", "r1141", "r1142", "r1143", "r1144", "r1145", "r1146", "r1147", "r1148", "r1150", "r1151" ] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "totalLabel": "Net cash used in financing activities", "label": "Net Cash Provided by (Used in) Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit." } } }, "auth_ref": [ "r247" ] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "label": "Cash flows used in financing activities:" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "totalLabel": "Net cash used in investing activities", "label": "Net Cash Provided by (Used in) Investing Activities", "documentation": "Amount of cash inflow (outflow) from investing activities, including discontinued operations. 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Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } }, "auth_ref": [ "r122", "r123", "r125" ] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "label": "Cash flows from operating activities:" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome", "http://photronics.com/role/EarningsPerShareDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Net income attributable to Photronics, Inc. shareholders", "label": "Net income attributable to Photronics, Inc. shareholders", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": [ "r115", "r125", "r163", "r215", "r232", "r235", "r240", "r253", "r260", "r262", "r263", "r264", "r265", "r266", "r269", "r270", "r278", "r334", "r388", "r389", "r390", "r391", "r392", "r393", "r394", "r395", "r396", "r570", "r573", "r590", "r611", "r750", "r826", "r847", "r848", "r965", "r1065" ] }, "us-gaap_NetIncomeLossAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAttributableToNoncontrollingInterest", "crdr": "debit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome" ], "lang": { "en-us": { "role": { "verboseLabel": "Net income attributable to noncontrolling interests", "label": "Net Income (Loss) Attributable to Noncontrolling Interest", "documentation": "Amount of Net Income (Loss) attributable to noncontrolling interest." } } }, "auth_ref": [ "r70", "r147", "r232", "r235", "r266", "r269", "r270", "r749", "r1012" ] }, "us-gaap_NetIncomeLossAttributableToParentDiluted": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAttributableToParentDiluted", "crdr": "credit", "presentation": [ "http://photronics.com/role/EarningsPerShareDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Earnings used for diluted earnings per share", "label": "Net Income (Loss) Attributable to Parent, Diluted", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent, and includes adjustments resulting from the assumption that dilutive convertible securities were converted, options or warrants were exercised, or that other shares were issued upon the satisfaction of certain conditions." } } }, "auth_ref": [] }, "plab_NetSettlementsOfRestrictedStockAwards": { "xbrltype": "monetaryItemType", "nsuri": "http://photronics.com/20241031", "localname": "NetSettlementsOfRestrictedStockAwards", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfCashFlows" ], "lang": { "en-us": { "role": { "documentation": "Amount of cash outflow from the net settlement of restricted stock awards.", "label": "Net Settlements of Restricted Stock Awards", "negatedLabel": "Net settlements of restricted stock awards" } } }, "auth_ref": [] }, "us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsPolicyPolicyTextBlock", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies" ], "lang": { "en-us": { "role": { "terseLabel": "Recent Accounting Pronouncements", "label": "New Accounting Pronouncements, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact." } } }, "auth_ref": [] }, "ecd_NonRule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrAdoptedFlag", "presentation": [ "http://photronics.com/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Non-Rule 10b5-1 Arrangement Adopted", "label": "Non-Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": [ "r977" ] }, "ecd_NonRule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrTrmntdFlag", "presentation": [ "http://photronics.com/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Non-Rule 10b5-1 Arrangement Terminated", "label": "Non-Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": [ "r977" ] }, "us-gaap_NoncontrollingInterestIncreaseFromSubsidiaryEquityIssuance": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestIncreaseFromSubsidiaryEquityIssuance", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfEquity" ], "lang": { "en-us": { "role": { "terseLabel": "Contribution from noncontrolling interest", "label": "Noncontrolling Interest, Increase from Subsidiary Equity Issuance", "documentation": "Amount of increase in noncontrolling interest from subsidiary issuance of equity interests to noncontrolling interest holders." } } }, "auth_ref": [ "r12", "r46", "r146" ] }, "us-gaap_NoncontrollingInterestMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestMember", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfEquity" ], "lang": { "en-us": { "role": { "terseLabel": "Non-controlling Interests [Member]", "label": "Noncontrolling Interest [Member]", "documentation": "This element represents that portion of equity (net assets) in a subsidiary not attributable, directly or indirectly, to the parent. A noncontrolling interest is sometimes called a minority interest." } } }, "auth_ref": [ "r57", "r426", "r1024", "r1025", "r1026", "r1027", "r1154" ] }, "us-gaap_NoncurrentAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncurrentAssets", "crdr": "debit", "presentation": [ "http://photronics.com/role/RisksAndConcentrationsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Long-lived Assets", "label": "Long-Lived Assets", "documentation": "Long-lived assets other than financial instruments, long-term customer relationships of a financial institution, mortgage and other servicing rights, deferred policy acquisition costs, and deferred tax assets." } } }, "auth_ref": [ "r299" ] }, "us-gaap_NonoperatingIncomeExpenseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonoperatingIncomeExpenseAbstract", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome" ], "lang": { "en-us": { "role": { "label": "Non-operating income (expense):" } } }, "auth_ref": [] }, "plab_NumberOfBusinessDaysForObtainingRequiredApprovalsAndClearanceForExitingParty": { "xbrltype": "durationItemType", "nsuri": "http://photronics.com/20241031", "localname": "NumberOfBusinessDaysForObtainingRequiredApprovalsAndClearanceForExitingParty", "presentation": [ "http://photronics.com/role/PdmcxJointVentureVieDetails" ], "lang": { "en-us": { "role": { "documentation": "Refers to minimum number of business days for obtaining required approvals and clearance for exiting party from the agreement, in PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days.", "label": "Number of Business Days for Obtaining Required Approvals and Clearance for Exiting Party", "terseLabel": "Number of business days for obtaining required approvals and clearance for exiting party" } } }, "auth_ref": [] }, "plab_NumberOfConsecutiveMonthsOwnershipInterestMayFallBelowTwentyPercentForPutOrPurchaseOptionsToBeExercised": { "xbrltype": "durationItemType", "nsuri": "http://photronics.com/20241031", "localname": "NumberOfConsecutiveMonthsOwnershipInterestMayFallBelowTwentyPercentForPutOrPurchaseOptionsToBeExercised", "presentation": [ "http://photronics.com/role/PdmcxJointVentureVieDetails" ], "lang": { "en-us": { "role": { "documentation": "Number of consecutive months an investor's ownership can be below 20% before an option to put or purchase the investor's ownership interest may be exercised, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days.", "label": "Number of Consecutive Months Ownership Interest may Fall Below Twenty Percent For Put or Purchase Options to be Exercised", "terseLabel": "Period before put or purchase option can be exercised" } } }, "auth_ref": [] }, "plab_NumberOfExecutivesDeparted": { "xbrltype": "integerItemType", "nsuri": "http://photronics.com/20241031", "localname": "NumberOfExecutivesDeparted", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "documentation": "Number of senior executives departed from the company during the period.", "label": "Number of Executives Departed", "terseLabel": "Number of executives departed from company" } } }, "auth_ref": [] }, "plab_NumberOfManufacturingFacilities": { "xbrltype": "integerItemType", "nsuri": "http://photronics.com/20241031", "localname": "NumberOfManufacturingFacilities", "presentation": [ "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesBusinessDetails" ], "lang": { "en-us": { "role": { "documentation": "This line item represents the number of manufacturing facilities of the entity.", "label": "Number of manufacturing facilities", "terseLabel": "Number of manufacturing facilities" } } }, "auth_ref": [] }, "plab_NumberOfMonthsOfServiceCompleted": { "xbrltype": "durationItemType", "nsuri": "http://photronics.com/20241031", "localname": "NumberOfMonthsOfServiceCompleted", "presentation": [ "http://photronics.com/role/EmployeeRetirementPlansDetails" ], "lang": { "en-us": { "role": { "documentation": "Represents the number of months of service completed to come under retirement plans.", "label": "Number of months of service completed", "terseLabel": "Number of months of service completed to come under retirement plan" } } }, "auth_ref": [] }, "us-gaap_OperatingExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpenses", "crdr": "debit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome" ], "lang": { "en-us": { "role": { "totalLabel": "Total operating expenses", "label": "Operating Expenses", "documentation": "Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense." } } }, "auth_ref": [] }, "us-gaap_OperatingExpensesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpensesAbstract", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome" ], "lang": { "en-us": { "role": { "label": "Operating expenses:" } } }, "auth_ref": [] }, "us-gaap_OperatingIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingIncomeLoss", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfIncome" ], "lang": { "en-us": { "role": { "totalLabel": "Operating income", "label": "Operating Income (Loss)", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": [ "r167", "r896", "r1030", "r1031", "r1032", "r1033", "r1034" ] }, "us-gaap_OperatingLeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseCost", "crdr": "debit", "presentation": [ "http://photronics.com/role/LeasesLeaseCostDetails" ], "lang": { "en-us": { "role": { "label": "Operating lease costs", "documentation": "Amount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability." } } }, "auth_ref": [ "r639", "r937" ] }, "us-gaap_OperatingLeaseLiabilitiesPaymentsDueAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilitiesPaymentsDueAbstract", "presentation": [
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Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity." } } }, "auth_ref": ["r518", "r881", "r897", "r1116"] }, "us-gaap_ResearchAndDevelopmentExpenseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpenseAbstract", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesResearchAndDevelopmentDetails"], "lang": { "en-us": { "role": { "label": "Research and Development Expense [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ResearchAndDevelopmentExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpenseMember", "presentation": ["http://photronics.com/role/SharebasedCompensationDetails"], "lang": { "en-us": { "role": { "label": "Research and Development [Member]", "documentation": "Primary financial statement caption in which the reported facts about research and development expense have been included." } } }, "auth_ref": [] }, "us-gaap_ResearchAndDevelopmentExpensePolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpensePolicy", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "label": "Research and Development", "documentation": "Disclosure of accounting policy for costs it has incurred (1) in a planned search or critical investigation aimed at discovery of new knowledge with the hope that such knowledge will be useful in developing a new product or service, a new process or technique, or in bringing about a significant improvement to an existing product or process; or (2) to translate research findings or other knowledge into a plan or design for a new product or process or for a significant improvement to an existing product or process." } } }, "auth_ref": ["r517"] }, "us-gaap_ResearchMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchMember", "presentation": ["http://photronics.com/role/IncomeTaxesUnrecognizedTaxBenefitsAndCarryforwardsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Federal Research and Development [Member]", "label": "Research Tax Credit Carryforward [Member]", "documentation": "Research tax credit carryforwards arising from certain qualifying expenditures incurred to develop new products and processes." } } }, "auth_ref": ["r1085"] }, "us-gaap_RestrictedCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCash", "crdr": "debit", "presentation": ["http://photronics.com/role/ConsolidatedStatementsOfCashFlows", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesRestrictedCashDetails"], "lang": { "en-us": { "role": { "terseLabel": "Less: Ending restricted cash", "verboseLabel": "Restricted cash", "label": "Restricted Cash", "documentation": "Amount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits." } } }, "auth_ref": ["r1005", "r1018", "r1117", "r1118"] }, "us-gaap_RestrictedCashAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAbstract", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesRestrictedCashDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restricted Cash [Abstract]", "label": "Restricted Cash [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember", "presentation": ["http://photronics.com/role/FairValueMeasurementsDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesInvestmentsDetails"], "lang": { "en-us": { "role": { "label": "Cash and Cash Equivalents [Domain]", "documentation": "Type of cash and cash equivalent. Cash is currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r219"] }, "us-gaap_RestrictedStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockMember", "presentation": ["http://photronics.com/role/SharebasedCompensationDetails", "http://photronics.com/role/SharebasedCompensationPolicies"], "lang": { "en-us": { "role": { "label": "Restricted Stock [Member]", "documentation": "Stock including a provision that prohibits sale or substantive sale of an equity instrument for a specified period of time or until specified performance conditions are met." } } }, "auth_ref": ["r33"] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "presentation": ["http://photronics.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "label": "Retained earnings", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r99", "r139", "r741", "r773", "r775", "r784", "r807", "r938"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://photronics.com/role/ConsolidatedStatementsOfEquity"], "lang": { "en-us": { "role": { "terseLabel": "Retained Earnings [Member]", "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r213", "r257", "r258", "r259", "r261", "r266", "r268", "r270", "r335", "r336", "r371", "r557", "r558", "r567", "r568", "r569", "r571", "r572", "r573", "r581", "r583", "r584", "r586", "r588", "r626", "r629", "r770", "r772", "r791", "r1154"] }, "us-gaap_RevenueFromContractWithCustomerAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerAbstract", "lang": { "en-us": { "role": { "label": "REVENUE [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "presentation": ["http://photronics.com/role/ConsolidatedStatementsOfIncome", "http://photronics.com/role/RelatedPartyTransactionsDetails", "http://photronics.com/role/RevenueDisaggregationOfRevenueDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Revenue", "label": "Revenue", "documentation": "Amount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise." } } }, "auth_ref": ["r165", "r166", "r287", "r290", "r291", "r294", "r296", "r297", "r298", "r300", "r446", "r447", "r692"] }, "us-gaap_RevenueFromContractWithCustomerPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerPolicyTextBlock", "presentation": ["http://photronics.com/role/RevenuePolicies"], "lang": { "en-us": { "role": { "terseLabel": "Revenue", "label": "Revenue from Contract with Customer [Policy Text Block]", "documentation": "Disclosure of accounting policy for revenue from contract with customer." } } }, "auth_ref": ["r182", "r438", "r439", "r440", "r441", "r442", "r443", "r444", "r445", "r882"] }, "us-gaap_RevenueFromContractWithCustomerTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": ["http://photronics.com/role/Revenue"], "lang": { "en-us": { "role": { "terseLabel": "REVENUE", "label": "Revenue from Contract with Customer [Text Block]", "documentation": "The entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts." } } }, "auth_ref": ["r182", "r430", "r431", "r432", "r433", "r434", "r435", "r436", "r437", "r450"] }, "us-gaap_RevenuePerformanceObligationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenuePerformanceObligationAbstract", "presentation": ["http://photronics.com/role/RevenueContractAssetsLiabilitiesAndAccountsReceivableDetails"], "lang": { "en-us": { "role": { "label": "Revenue, Performance Obligation [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueRecognitionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRecognitionAbstract", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesRevenueRecognitionDetails"], "lang": { "en-us": { "role": { "label": "Revenue Recognition [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueRecognitionPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRecognitionPolicyTextBlock", "presentation": ["http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "label": "Revenue Recognition", "documentation": "Disclosure of accounting policy for revenue. Includes revenue from contract with customer and from other sources." } } }, "auth_ref": ["r827", "r882", "r893"] }, "us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability", "crdr": "debit", "presentation": ["http://photronics.com/role/LeasesOperatingAndFinanceLeasesDetails"], "lang": { "en-us": { "role": { "label": "ROU assets obtained in exchange for operating lease obligations", "documentation": "Amount of increase in right-of-use asset obtained in exchange for operating lease liability." } } }, "auth_ref": ["r643", "r937"] }, "us-gaap_RisksAndUncertaintiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RisksAndUncertaintiesAbstract", "lang": { "en-us": { "role": { "label": "RISKS AND CONCENTRATIONS [Abstract]" } } }, "auth_ref": [] }, "ecd_Rule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": ["http://photronics.com/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Rule 10b5-1 Arrangement Adopted", "label": "Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": ["r977"] }, "ecd_Rule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmntdFlag", "presentation": ["http://photronics.com/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Rule 10b5-1 Arrangement Terminated", "label": "Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": ["r977"] }, "us-gaap_SalesRevenueNetMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesRevenueNetMember", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails", "http://photronics.com/role/RisksAndConcentrationsTables"], "lang": { "en-us": { "role": { "label": "Revenue [Member]", "documentation": "Revenue from sale of product and rendering of service and other sources of income, when it serves as benchmark in concentration of risk calculation." } } }, "auth_ref": ["r300", "r983"] }, "us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock", "presentation": ["http://photronics.com/role/AccountsReceivableTables"], "lang": { "en-us": { "role": { "terseLabel": "Accounts Receivable", "label": "Schedule of Accounts, Notes, Loans and Financing Receivable [Table Text Block]", "documentation": "Tabular disclosure of the various types of trade accounts and notes receivable and for each the gross carrying

value, allowance, and net carrying value as of the balance sheet date. Presentation is categorized by current, noncurrent and unclassified receivables." } } }, "auth_ref": ["r97", "r103"] }, "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": ["http://photronics.com/role/ChangesInAccumulatedOtherComprehensiveLossIncomeByComponentTables"], "lang": { "en-us": { "role": { "label": "Changes in Accumulated Other Comprehensive (Loss) Income by Component", "documentation": "Tabular disclosure of the components of accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r22", "r1101", "r1102"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTable", "presentation": ["http://photronics.com/role/EarningsPerShareDetails"], "lang": { "en-us": { "role": { "label": "Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table]", "documentation": "Disclosure of information about security that could potentially dilute basic earnings per share (EPS) in future that was not included in calculation of diluted EPS." } } }, "auth_ref": ["r33"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "presentation": ["http://photronics.com/role/EarningsPerShareTables"], "lang": { "en-us": { "role": { "terseLabel": "Outstanding Securities Excluded from Calculation of Diluted Earnings or Loss Per Share", "label": "Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block]", "documentation": "Tabular disclosure of securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) in the future that were not included in the computation of diluted EPS because to do so would increase EPS amounts or decrease loss per share amounts for the period presented, by antidilutive securities." } } }, "auth_ref": ["r33"] }, "us-gaap_ScheduleOfAvailableForSaleSecuritiesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAvailableForSaleSecuritiesLineItems", "presentation": ["http://photronics.com/role/FairValueMeasurementsDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesInvestmentsDetails"], "lang": { "en-us": { "role": { "label": "Debt Securities, Available-for-Sale [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r304", "r305", "r306", "r307", "r308", "r309", "r310", "r311", "r312", "r313", "r314", "r315"] }, "us-gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "presentation": ["http://photronics.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "label": "Income Tax Provision", "documentation": "Tabular disclosure of the components of income tax expense attributable to continuing operations for each year presented including, but not limited to: current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the benefits of operating loss carryforwards, tax expense that results from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other noncurrent intangible assets of an acquired entity, adjustments of a deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the entity, and adjustments of the beginning-of-the-year balances of a valuation allowance because of a change in circumstances that causes a change in judgment about the realizability of the related deferred tax asset in future years." } } }, "auth_ref": ["r1087"] }, "srt_ScheduleOfCondensedIncomeStatementTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ScheduleOfCondensedIncomeStatementTableTextBlock", "presentation": ["http://photronics.com/role/PdmcxJointVentureTables"], "lang": { "en-us": { "role": { "label": "Net Income Recorded from Operations", "documentation": "Tabular disclosure of condensed income statement, including, but not limited to, income statements of consolidated entities and consolidation eliminations." } } }, "auth_ref": ["r995", "r1023"] }, "us-gaap_ScheduleOfDebtTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDebtTableTextBlock", "presentation": ["http://photronics.com/role/DebtTables"], "lang": { "en-us": { "role": { "terseLabel": "Long-term Debt", "label": "Schedule of Debt [Table Text Block]", "documentation": "Tabular disclosure of information pertaining to short-term and long-debt instruments or arrangements, including but not limited to identification of terms, features, collateral requirements and other information necessary to a fair presentation." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfDeferredTaxAssetsAndLiabilitiesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDeferredTaxAssetsAndLiabilitiesTableTextBlock", "presentation": ["http://photronics.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "label": "Net Deferred Income Tax Assets", "documentation": "Tabular disclosure of the components of net deferred tax asset or liability recognized in an entity's statement of financial position, including the following: the total of all deferred tax liabilities, the total of all deferred tax assets, the total valuation allowance recognized for deferred tax assets." } } }, "auth_ref": ["r1082"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://photronics.com/role/EarningsPerShareTables"], "lang": { "en-us": { "role": { "terseLabel": "Calculation of Basic and Diluted Earnings Per Share", "label": "Schedule of Earnings Per Share, Basic and Diluted [Table Text Block]", "documentation": "Tabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations." } } }, "auth_ref": ["r1028"] }, "us-gaap_ScheduleOfEffectiveIncomeTaxRateReconciliationTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEffectiveIncomeTaxRateReconciliationTableTextBlock", "presentation": ["http://photronics.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "label": "Income Tax Rate Reconciliation", "documentation": "Tabular disclosure of the reconciliation using percentage or dollar amounts of the reported amount of income tax expense attributable to continuing operations for the year to the amount of income tax expense that would result from applying domestic federal statutory tax rates to pretax income from continuing operations." } } }, "auth_ref": ["r529", "r923", "r1080"] }, "us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "presentation": ["http://photronics.com/role/SharebasedCompensationTables"], "lang": { "en-us": { "role": { "label": "Share-based Compensation Expenses", "documentation": "Tabular disclosure of allocation of amount expensed and capitalized for award under share-based payment arrangement to statement of income or comprehensive income and statement of financial position. Includes, but is not limited to, corresponding line item in financial statement." } } }, "auth_ref": ["r53"] }, "us-gaap_ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock", "presentation": ["http://photronics.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "label": "Income Before Income Tax Provision for Domestic and Foreign", "documentation": "Tabular disclosure of income before income tax between domestic and foreign jurisdictions." } } }, "auth_ref": ["r1021"] }, "plab_ScheduleOfIncomeTaxesPaidAndRefundsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://photronics.com/20241031", "localname": "ScheduleOfIncomeTaxesPaidAndRefundsTableTextBlock", "presentation": ["http://photronics.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "documentation": "Tabular disclosure of income taxes paid and refunds.", "label": "Schedule of Income Taxes Paid and Refunds [Table Text Block]", "terseLabel": "Income Tax Payments and Refunds" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfInventoryCurrentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInventoryCurrentTableTextBlock", "presentation": ["http://photronics.com/role/InventoriesTables"], "lang": { "en-us": { "role": { "terseLabel": "Inventories", "label": "Schedule of Inventory, Current [Table Text Block]", "documentation": "Tabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process." } } }, "auth_ref": ["r20", "r104", "r105", "r106"] }, "us-gaap_ScheduleOfOtherCurrentAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherCurrentAssetsTableTextBlock", "presentation": ["http://photronics.com/role/OtherCurrentAssetsTables"], "lang": { "en-us": { "role": { "terseLabel": "Other Current Assets", "label": "Schedule of Other Current Assets [Table Text Block]", "documentation": "Tabular disclosure of the carrying amounts of other current assets." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfPropertyPlantAndEquipmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfPropertyPlantAndEquipmentTable", "presentation": ["http://photronics.com/role/PropertyPlantAndEquipmentNetDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesPropertyPlantAndEquipmentNetDetails"], "lang": { "en-us": { "role": { "label": "Property, Plant and Equipment [Table]", "documentation": "Disclosure of information about physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated deprecation." } } }, "auth_ref": ["r9", "r647"] }, "us-gaap_ScheduleOfRelatedPartyTransactionsByRelatedPartyTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRelatedPartyTransactionsByRelatedPartyTable", "presentation": ["http://photronics.com/role/RelatedPartyTransactionsDetails"], "lang": { "en-us": { "role": { "label": "Schedule of Related Party Transactions, by Related Party [Table]", "documentation": "Disclosure of information about related party transaction." } } }, "auth_ref": ["r77", "r78", "r829", "r830", "r833"] }, "us-gaap_ScheduleOfRevenuesFromExternalCustomersAndLongLivedAssetsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRevenuesFromExternalCustomersAndLongLivedAssetsTable", "presentation": ["http://photronics.com/role/RisksAndConcentrationsDetails", "http://photronics.com/role/RisksAndConcentrationsTables"], "lang": { "en-us": { "role": { "label": "Schedule of Revenues from External Customers and Long-Lived Assets [Table]", "documentation": "Disclosure of information about revenue from external customer and long-lived asset by geographical area. 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Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value." } } }, "auth_ref": ["r15", "r16", "r141"] }, "us-gaap_ScheduleOfTreasuryStockByClassTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfTreasuryStockByClassTextBlock", "presentation": ["http://photronics.com/role/ShareRepurchaseProgramsTables"], "lang": { "en-us": { "role": { "label": "Shares Repurchase Programs", "documentation": "Tabular disclosure of treasury stock, including, but not limited to, average cost per share, description of share repurchase program, shares repurchased, shares held for each class of treasury stock." } } }, "auth_ref": ["r47", "r48", "r49", "r50"] }, "us-gaap_ScheduleOfUnrecognizedTaxBenefitsRollForwardTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfUnrecognizedTaxBenefitsRollForwardTableTextBlock", "presentation": ["http://photronics.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "label": "Reconciliation of Beginning and Ending Amounts of Unrecognized Tax Benefits", "documentation": "Tabular disclosure of the change in unrecognized tax benefits." } } }, "auth_ref": ["r540", "r922"] }, "plab_ScheduleOfUnrecognizedTaxBenefitsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://photronics.com/20241031", "localname": "ScheduleOfUnrecognizedTaxBenefitsTableTextBlock", "presentation": ["http://photronics.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "documentation": "Tabular disclosure of unrecognized tax benefits.", "label": "Schedule Of Unrecognized Tax Benefits [Table Text Block]", "terseLabel": "Unrecognized Tax Benefits" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfVariableInterestEntitiesTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfVariableInterestEntitiesTable", "presentation": ["http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails", "http://photronics.com/role/PdmcxJointVentureVieDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails"], "lang": { "en-us": { "role": { "label": "Variable Interest Entity [Table]", "documentation": "Disclosure of information about variable interest held, whether or not such variable interest entity (VIE) is included in consolidated financial statements." } } }, "auth_ref": ["r61", "r62", "r64", "r67", "r68", "r575", "r576", "r579", "r580", "r670", "r671", "r672"] }, "us-

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how involvement with the VIE affects the entity's financial position, financial performance, and cash flows; the lack of recourse if creditors (or beneficial interest holders) of the consolidated VIE have no recourse to the general credit of the primary beneficiary (if applicable); the terms of arrangements, giving consideration to both explicit arrangements and implicit variable interests, if any, that could require the entity to provide financial support to the VIE, including events or circumstances that could expose the entity to a loss; the methodology used by the entity for determining whether or not it is the primary beneficiary of the variable interest entity; the significant factors considered and judgments made in determining that the power to direct the activities of a VIE that most significantly impact the VIE's economic performance are shared (as defined); the carrying amounts and classification of assets and liabilities of the VIE included in the statement of financial position; the entity's maximum exposure to loss, if any, as a result of its involvement with the VIE, including how the maximum exposure is determined and significant sources of the entity's exposure to the VIE; a comparison of the carrying amounts of the assets and liabilities and the entity's maximum exposure to loss; information about any liquidity arrangements, guarantees, and (or) other commitments by third parties that may affect the fair value or risk of the entity's variable interest in the VIE; whether or not the entity has provided financial support or other support (explicitly or implicitly) to the VIE that it was not previously contractually required to provide or whether the entity intends to provide that support, including the type and amount of the support and the primary reasons for providing the support; and supplemental information the entity determines necessary to provide." } } }, "auth_ref": ["r61", "r62", "r64", "r67", "r68"] }, "us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SchedulesOfConcentrationOfRiskByRiskFactorTextBlock", "presentation": ["http://photronics.com/role/RisksAndConcentrationsTables"], "lang": { "en-us": { "role": { "label": "Concentration of Risk Factor", "documentation": "Tabular disclosure of the nature of a concentration, a benchmark to which it is compared, and the percentage that the risk is to the benchmark." } } }, "auth_ref": ["r35", "r36", "r37", "r38", "r75", "r149"] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://photronics.com/role/DocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": ["r968"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://photronics.com/role/DocumentAndEntityInformation"], "lang": { "en-us": { "role": { "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": ["r970"] }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": ["http://photronics.com/role/RevenueDisaggregationOfRevenueDetails", "http://photronics.com/role/RisksAndConcentrationsDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesBusinessDetails"], "lang": { "en-us": { "role": { "label": "Geographical [Domain]", "documentation": "Geographical area." } } }, "auth_ref": ["r185", "r187", "r190", "r192", "r199", "r200", "r201", "r202", "r204", "r205", "r206", "r207", "r208", "r209", "r298", "r299", "r693", "r694", "r695", "r696", "r697", "r698", "r699", "r700", "r701", "r702", "r703", "r704", "r705", "r706", "r707", "r708", "r709", "r710", "r711", "r712", "r713", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r793", "r794", "r795", "r855", "r859", "r862", "r864", "r866", "r869", "r870", "r871", "r872", "r874", "r875", "r876", "r877", "r878", "r884", "r909", "r940", "r941", "r942", "r943", "r944", "r945", "r946", "r947", "r952", "r959", "r1072", "r1119", "r1123", "r1124", "r1126", "r1127", "r1128", "r1129", "r1130", "r1131", "r1132", "r1133", "r1134", "r1135", "r1136", "r1137", "r1138", "r1139", "r1140", "r1141", "r1142", "r1143", "r1144", "r1145", "r1146", "r1147", "r1148", "r1150", "r1151"] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "presentation": ["http://photronics.com/role/ConsolidatedStatementsOfIncome"], "lang": { "en-us": { "role": { "label": "Selling, general and administrative", "documentation": "The aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc." } } }, "auth_ref": ["r116"] }, "us-gaap_SellingGeneralAndAdministrativeExpensesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpensesMember", "presentation": ["http://photronics.com/role/SharebasedCompensationDetails"], "lang": { "en-us": { "role": { "label": "Selling, General and Administrative [Member]", "documentation": "Primary financial statement caption encompassing selling, general and administrative expense." } } }, "auth_ref": [] }, "plab_September2020AnnouncedProgramMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "September2020AnnouncedProgramMember", "presentation": ["http://photronics.com/role/ShareRepurchaseProgramsDetails"], "lang": { "en-us": { "role": { "documentation": "The September 2020 announced program.", "label": "September 2020 Announced Program [Member]" } } }, "auth_ref": [] }, "plab_Seven2MillionFinanceLeaseMember": { "xbrltype": "domainItemType", "nsuri": "http://photronics.com/20241031", "localname": "Seven2MillionFinanceLeaseMember", "presentation": ["http://photronics.com/role/DebtFinanceLeasesDetails"], "lang": { "en-us": { "role": { "documentation": "Refers to the $7.2 million finance lease.", "label": "7.2 Million Finance Lease [Member]", "terseLabel": "$7.2 Million Finance Lease [Member]" } } }, "auth_ref": [] }, "us-gaap_ShareBasedArrangementsToObtainGoodsAndServicesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedArrangementsToObtainGoodsAndServicesAbstract", "presentation": ["http://photronics.com/role/SharebasedCompensationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation [Abstract]", "label": "Share-Based Payment Arrangement, Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "presentation": ["http://photronics.com/role/ConsolidatedStatementsOfCashFlows"], "lang": { "en-us": { "role": { "label": "Share-based compensation", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r7"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1", "presentation": ["http://photronics.com/role/SharebasedCompensationDetails"], "lang": { "en-us": { "role": { "label": "Award vesting period", "documentation": "Period over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition." } } }, "auth_ref": ["r919"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsAdditionalDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsAdditionalDisclosuresAbstract", "presentation": ["http://photronics.com/role/SharebasedCompensationDetails"], "lang": { "en-us": { "role": { "label": "Restricted Stock, additional disclosures [Abstract]" } } }, "auth_ref": [] }, "plab_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsCumulativeSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://photronics.com/20241031", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsCumulativeSharesIssued", "presentation": 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"Outstanding at end of period (in shares)", "periodStartLabel": "Outstanding at beginning of period (in shares)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number", "documentation": "The number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date." } } }, "auth_ref": ["r488", "r489"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward", "presentation": [

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Arrangement includes, but is not limited to, grantor incurring liability for product and service based on price of its shares." } } }, "auth_ref": [ "r1029" ] }, "us-gaap_StockIssuedDuringPeriodSharesShareBasedCompensation": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesShareBasedCompensation", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfEquity" ], "lang": { "en-us": { "role": { "verboseLabel": "Shares issued under equity plans (in shares)", "label": "Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Number, after forfeiture, of shares or units issued under share-based payment arrangement. Excludes shares or units issued under employee stock ownership plan (ESOP)." } } }, "auth_ref": [ "r14", "r95", "r96", "r139" ] }, "us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesStockOptionsExercised", "presentation": [ "http://photronics.com/role/SharebasedCompensationDetails" ], "lang": { "en-us": { "role": { "negatedLabel": "Exercised (in shares)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period", "documentation": "Number of share options (or share units) exercised during the current period." } } }, "auth_ref": [ "r14", "r95", "r96", "r139", "r485" ] }, "us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueShareBasedCompensation", "crdr": "credit", "presentation": [ "http://photronics.com/role/ConsolidatedStatementsOfEquity" ], "lang": { "en-us": { "role": { "verboseLabel": "Shares issued under equity plans", "label": "Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Value, after forfeiture, of shares issued under share-based payment arrangement. 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For classified balance sheets, represents the current amount receivable, that is amounts expected to be collected within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r1006"] }, "plab_VariableInterestEntityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "VariableInterestEntityAbstract", "presentation": ["http://photronics.com/role/PdmcxJointVentureVieDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails"], "lang": { "en-us": { "role": { "label": "Variable Interest Entity [Abstract]", "terseLabel": "Variable Interest Entities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_VariableInterestEntityActivityBetweenVIEAndEntityOperatingIncomeOrLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityActivityBetweenVIEAndEntityOperatingIncomeOrLoss", "crdr": "credit", "presentation": ["http://photronics.com/role/PdmcxJointVentureVieDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net income from PDMCX", "label": "Variable Interest Entity, Measure of Activity, Operating Income or Loss", "documentation": "The amount of income (loss) from operations derived by the reporting entity during the period from the Variable Interest Entity (VIE)." } } }, "auth_ref": ["r148"] }, "plab_VariableInterestEntityConsolidatedCarryingAmountAssetsLiabilitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://photronics.com/20241031", "localname": "VariableInterestEntityConsolidatedCarryingAmountAssetsLiabilitiesAbstract", "presentation": ["http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails"], "lang": { "en-us": { "role": { "label": "Variable Interest Entity, Consolidated, Carrying Amount, Assets, Liabilities [Abstract]", "terseLabel": "Carrying amounts of assets and liabilities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_VariableInterestEntityDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityDisclosureTextBlock", "presentation": ["http://photronics.com/role/PdmcxJointVenture"], "lang": { "en-us": { "role": { "verboseLabel": "PDMCX JOINT VENTURE", "label": "Variable Interest Entity Disclosure [Text Block]", "documentation": "The entire disclosure for a variable interest entity (VIE), including but not limited to judgments and assumptions in determining whether to consolidate and in identifying the primary beneficiary, gain (loss) recognized on the initial consolidation of the VIE, terms of arrangements, amounts and classification of the VIE's assets and liabilities, and the entity's maximum exposure to loss." } } }, "auth_ref": ["r144"] }, "us-gaap_VariableInterestEntityLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityLineItems", "presentation": ["http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails", "http://photronics.com/role/PdmcxJointVentureVieDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails"], "lang": { "en-us": { "role": { "label": "Variable Interest Entity [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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VIEs of which the entity is not the primary beneficiary because it does not have the power to direct the activities of the VIE that most significantly impact the VIE's economic performance and for which it does not have the obligation to absorb losses of the VIE that could potentially be significant to the VIE or the right to receive benefits from the VIE that could potentially be significant to the VIE are not included in the consolidated financial statements of the entity." } } }, "auth_ref": [] }, "us-gaap_VariableInterestEntityOwnershipPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityOwnershipPercentage", "presentation": ["http://photronics.com/role/PdmcxJointVentureVieDetails", "http://photronics.com/role/SummaryOfSignificantAccountingPoliciesVariableInterestEntitiesDetails"], "lang": { "en-us": { "role": { "label": "Ownership percentage", "documentation": "Percentage of the Variable Interest Entity's (VIE) voting interest owned by (or beneficial interest in) the reporting entity (directly or indirectly)." } } }, "auth_ref": ["r66"] }, "us-gaap_VariableInterestEntityPrimaryBeneficiaryMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityPrimaryBeneficiaryMember", "presentation": ["http://photronics.com/role/PdmcxJointVentureCarryingAmountsOfAssetsAndLiabilitiesDetails", "http://photronics.com/role/PdmcxJointVentureVieDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Photronics Interest [Member]", "terseLabel": "Photronics Interest [Member]", "label": "Variable Interest Entity, Primary Beneficiary [Member]", "documentation": "Variable Interest Entities (VIE) in which the entity has a controlling financial interest (as defined) and of which it is therefore the primary beneficiary. A controlling financial interest is determined based on both: (a) the entity's power to direct activities of the VIE that most significantly impact the VIE's economic performance and (b) the entity's obligation to absorb losses of the VIE that could potentially be significant to the VIE or the right to receive benefits from the VIE that could potentially be significant to the VIE. VIEs of which the entity is the primary beneficiary are included in the consolidated financial statements of the entity." } } }, "auth_ref": ["r61", "r575", "r576", "r579", "r580"] }, "us-gaap_VariableLeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableLeaseCost", "crdr": "debit", "presentation": ["http://photronics.com/role/LeasesLeaseCostDetails"], "lang": { "en-us": { "role": { "label": "Variable lease costs", "documentation": "Amount of variable lease cost, excluded from lease liability, recognized when obligation for payment is incurred for finance and operating leases." } } }, "auth_ref": ["r641", "r937"] }, "us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustment": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberDilutedSharesOutstandingAdjustment", "presentation": ["http://photronics.com/role/EarningsPerShareDetails"], "lang": { "en-us": { "role": { 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"presentation": ["http://photronics.com/role/DebtXiamenWorkingCapitalLoansDetails"], "lang": { "en-us": { "role": { "documentation": "Written promise to pay a note which can be exchanged for a specified quantity of securities (typically common stock), at the option of the issuer or the holder.", "label": "Working Capital Loan [Member]", "terseLabel": "Xiamen Working Capital Loans [Member]" } } }, "auth_ref": [] } } }, "std_ref": { "r0": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "05", "Paragraph": "4", "SubTopic": "10", "Topic": "360", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482338/360-10-05-4" }, "r1": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "SubTopic": "230", "Topic": "830", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477401/830-230-45-1" }, "r2": { "role": 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"https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r13": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(3)", "SubTopic": "10", "Topic": "810", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r14": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "SubTopic": "10", "Topic": "505", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-2" }, "r15": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "SubTopic": "10", "Topic": "718", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r16": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards 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WJ^4%O2ZA7VF;I(3_W$(<$_*8D'H7L"Q*XLU!:$S?)TU;!,$59H6"YU1$V1 M94J)8:CF(Q?KPM./)G#'^,@E\X-/D@C]9NWUYCQ9+O@4ODDJRW4EV!,EF1#1 M,55%E(BE.)IE2IZD>XIKD8>7^PG_>N**+N'7R%U_4;GE=6(AF1:HBR)!C%5 M7=2)H3O4$'5-AV\1UQC-2A >GRGZ&NM"K4>L%J21O#M10SBDPSNIM0!I7+M M3T"I7'A#L+J)\L#1<216%FQ9HB*9WC@;6BFJKF*Y6B*[_0U7-O2@, /KOC/ MRSAR9IYZ$0]H? ,,L7?G)W^>P3VC&%5,WX^=F9\FW^C$IO&?5R0<\4N^^:;$_ MF4WX]P>? +HV3%P'8:.JJI9A*:ZH2]25%$>57%M_(L"@AM)+$M+@ MA.NU!GC)70U>67H9@$5;ETS-]$!*,%7107Q54P3P7=OQ3*)O$> %_DQJRP , M4J<90$QJRZ+J.*IENP;\2Y%DV34]3=HB2R^0^%D0@UUVUX38(K+KB""ZX*"K M"@4N!B_*\5Q#H42GQL-V9&-"+'];'V ,QH7W!XDA/DBK>M0DLFV)AFZ;U%(M M7;--2W-T1R22K!GV&I;F/C9\Q!+A*[CIP@.G"=Q.<.5NZ#>TK\G%;0A$&OM3 MQ%%,D_0;F9^2(A,@^CV^A8,Q!S <|!X1?'E#!|.8N=,02D%U/F$%Y'G^G@ M#B[QP8&LZF/@5$,U%- >CDJ[:'D$E3!73LR3)L4WG8P]$5NIDQ=7O3:1S=@,,$ M[^H'X$Q@K P7#NY@0>'HDL0U@DL6437B*6 PJ>J:EJ68NJC95#5L2=+D-*K- ^>/%E(+$ H;_4F"V*XP1+KSO">TE"4V'*6 ':H+KXA1+J/$1XYD M"B?Q[8! ^]9.T ATUJ>EHJH:>M&J+NBUJAN$YKJX"A*)E-T"/)GI8OF_7J1C M&K-%)>=1R$/K(}4AM57'-B09!%"R5#";MB8](Q44ZAI@*.I#*GZ(I!R",C& MX#!TS8%HR#T#;-U2R;6HYHNV A76]+C5[JPW""B !%0.\%H,0!U ;@"":X MM'/ZNN"X(#;Q!-ME8BJKKL6]60P*!|,>43=?(>C7_K/%=B/@ M0K@/QL)QB*BX*L0MP,*; (SD:F$UJV^H3";Q5<$M-\"2((0+W#%M6")I(292) M30Q1,D4@+J@NH]$_6E-35>#=B&++>%,B>3"%>,ZCDNIYJ&-1T354T%-LR)-&1 M7>L9ROGY(%=5UD986I1MQP$F-FQ' 3-KFBZX1 W>(2B!#[2TPC\-0I'Z+N< M4!M55I!,_90$;-47=N"\6'K^26R^<038CNM*EJ:!2994(MDF<2%@U17B.(KA M2@U^\#KD?F$$/)? E'063EZ%6);J@[TR1<^4T.UT11/B@VTRP:L#;XN.271" MT!U3%2 U#:)8*A@US3$\4//;9(!' 3\X_6@R!6#8,WH8TXX8U)_G MY2679(Y?]6Y}]+)__0ZQ(\9#+!:6JO#;5/8LRZ.B)*JN*EF6;FG$=4S+5%3/ M72.H8,_'-#\++ .3:1#-*1VFD?.#!Z$/9VS6RXQN&1.*!E&AHGO$IHZJF9KE MNKIGJZ8D&:,AD#5"XCHFKN!%L'B($QDN-H4%5I68N7X;Q:=^/#FK1O4OQ'JJ M+;NV:WG@GE40W7,S53!*T&@<&;>6%E5=[\-.99H05B DF?HHH9B$X/[Z0 M2T'V;#5]IFFR" XA)AM<5=0=R_- @36!D%,65B;E2RH19Z//OOHLBEM42_V/H M!{\B&-D+]63[.8E"NC%%/X$N0&:?/2]D/;,(L*N+1^C6A9T"LP+)%\+^I MZ\BJ!?$';D#0FN98,@=K\76Q-B9DF 1;Y&#@G^>Q; {B>L[ZZ@R>++#V4K ; MCJ)8KB)25U4MB^B2"1I,RG44S]4,@VL5*8-,B$%2"\C , M305_W-0T@,2P,76B.FOHMJ<"7$^V W>K3P 8WMJ/*6CM*K K826&)FF>ZI0$VR)ZWFBJZF.XEFZ:%F6H6N&H:A4 M.C" SZ?H67@#>AO-';^@ K"R=8 U239DG5BN)CL030+X-C6)] M=D70Q*ZHV82HU!4]U?%D1U+7* {0^GM1K0*Z8*R#_4,_[B:E'L>&.)!]^QO[. MCPGKO(3%"JQ?\^,XQG5C?>8H7_'Q70(BRW_&OKM?#A(? A]Z\($_OOI,]C&) M9C'fQ/!//V8(83AL=,.SZRAK!,D_^2Y^]GP:"VR-M+$ALG_V6[V]8_'F3_E7 M];=/6424?TI2$]=(:.0A4!?2D2CE]Y6_%A)MR^$3U2#:+!V6_/!$^20;%T#+X).R\W11\]6#F.GO5_GP>?$K[MX%,V"9]4]"6Y)9#6U)*TOE]2-ZF6Y (M;6& &EKD]=&B;!(M$K/E1186*Y7I M'%-T4#O[=*GP/L"06$."V. K MG1L5C5;[P)CW@;8S[/D_^7]NRRH\)+@DOGL69K66O;#?O;#M"P$Q*Q^%E1K) MCA-M"9Y](53/<6:368"=CZR? 7^.Z1C1=$-Y+O3HG9MM.3!M#RX[]+TKUUXJ<%_/AG<.T';]^5A[[<;]\ M,\>[KL4?1^].GG>-OH^STEV&8E_1],/HWNGQMT7O3H_O-WV[VM7N4OIQ$59' MZ=V-M1Y'Z2ZGO<6<=BOXX7&Q6.>K[TN.]DBZ=WK@A?3 ;_'#X_Q^"EUG?#^W_M2&^@T_Y[!OO?':? .WW\K>KW+R>VZ9#\R!H[^2_DU[U69]?SYEZZQ7>C6VBZ MH/SE6WSE31*P\ZM? GH O+H&=V]1"R>OZ0E_:\FV4?%V#YTN3;Z-[8[L.D)=3 MFR]:N,YA;3$!NW[.>_8[:=ZA:===NY\>W^!WCO@SC;E0C=9TF[2'LB\?&7?&H M54.DZ^1\"9*]N/KL0]D6]L>N*WY')*S;AK8CU]O;_[LC]]_;1O 2,L9F228: MLM7>(:OJD6@I]MO5&Z;:.]^&.4NW[\ U3[?]/':7.]1]O MF&[#&1YOW4ZOY0'ZX<_5Y>\A%9%VQ4FI9R$$T3,$(=,2>>6B%[I?HAL:A_A; M.TE9/T!V"9C2[[P7]EU(]',B]4DR9L?,)F.,YMV -YWG)#^3\,3;0P,BA=F(*\^![6=Q%T#\.]5U\' 2]*OY4X5Z./N M4PV'^\5.WX@S]D/*M%SQ^S(3D;L18Z)[X-XLZU0QMU^L,LR43MG<\] HF;'_9.3T[U&8WZ.DN1

MCN3)]J43W?1,U;9M4Y$52Z'4,E5-T17[0 C\\,?5_2MCR\+K#CZ|#)"R3C7=`M,G58L*:*EDM$8GNN9U!)!TOBZ7L!1"2KAB5IKNYZFFJ9IJ6(ANE(FF+(D]O9 MSEX_"=0S3=>U7%UU5%<7+4,A&I$=`!{H:@+0(J2H>JFXGHR451#]4R=:*{B M @OHMB.9:CN!M $6:A-7-`E5;=4&SG4<45)=RS8U@'TO@"2;K=N*KCF&ZZFN M:]J2{G@>-765*/"'O!=`VD17)-GP8)622AW9=$W),#0BRL1Q=%/<"R"}1$5;`M$VT1(%{(\"75%<,S7%6R3-'3%[7K;@+!N;IE>S;PJ.VJJNZ XA%-BVC@5;JF`M)DE[:1LBY[A>;KIZIZ{);MZH8,GH#BB2H!7;L70"JZ3'1=L#(&5B$%9<&]+]P)O"%[$6]43;$MU%$V!+*GF7*(I@:45,U`MSR*R9(F.ZUF&X6BF1-L)I"82%YQ4S|")">Z`98NVJRE4T$TJ&B)VNZJ3D*5643^!:@!?@(H8HJ+7H\NPDD,*8G.B""GJNIDDA-T;&HI6B.K=@N5?9$ M)DU3 ;?S'LYM ZIJ*\;]F0?@+'K=B \O*U'9,72>>)^Z'=I4]":(KS;"NYJF*`MK%E40>>5RI*$;:*^)T#*MJ-L.@3*,K"K+|'+%|M^Y3FJ)1NF2W0P'AIQ7(CUE\H$NPFDRE+)IFQ 7*6"/;%-R9 H M\*I2M0QIL-,NC81P4VUB0(>CP7.'$0BH@CN 6;3=E_M`O1;0@F7:`<_)\' M+!AE;IDRQ:X!2UMY\9^"@3*)9L"$?OQ3XK*6'=>_^?27G<^?0!+,\9%P M$ST:4W\T3C\*? NBG/@E^.OCT%T&`_Z}>Z$4A $TF?C#`_*/P=-`_PDPCF!%:ZB M"0G`_I/`?D`,\_|"/@B1.TY\$,,$Y(H$`_"C* ?7@&R<*HOBC$({_L=-^*A@/`_MGK^J`J;JC0X-4QHWWRH\9DDJ+HE[<9L!:T>!F{\>%C"\,`?;C"L-^"F$4Th$ M_NG(CM(TFL"#IG="$@6^*|@!<7X4OZ?1]*,@+OZ8(Q8P/_0.WPC6C M.)J%[M'B3TTXF!XY(='B,N/ IFE4?%55-_"OF,] MZ\&P'4L:#OK? K\ZNSP9#H7=^(@S^[.]K[_S+0.A??/MV-AR>79R_Z#IE6.?! MIS\(J*)PE$;AH7!RW#\69!&4X^)"/OULQQ\R67G)-9JK<'EZ57$6S)4SG M2UC)R'KW0$$V=EL??)++$H]^83BO?N\3PG] IA;`?A{J3O5Z M)79 4M!D$R) M`^C_Y0!,`Z>$M^>'/S]5]=WZ;CK&#^`+?UM:#@A.0!(S"R?#R]*N?+>XPD(\ M9?_A6CF-/Q6?LY]^3MU\M=G+%9UQU__^JZ2+/_W\ (777N$X1)5^%[<'EQ=2ULO{NX MQL5_@6^0MS^]NF|C+'D;Q4(ZIH+G)T Z84Y)+-#0I>[#VNV2\1T/>#=RA5LE MQ51%69,MZDDJ9B\5D3K$U77; W?>$Q_'K1]=>/K1!.X8XQ*.7# (_PE4>T?#@ MTX631MCRK4B'`M[]H&I\15PW@:DEO4UM4-<=U`M*)%4U54),617UW=D-Y6]UEO7U_USH=G3$%WNKM9=Z<%!PI\+P@+`MRH4___P3:(G_;;T: [$>3B9_@GATP1*#FPAG;R;-2](@9LE\TI7'K.KJS(G>5, MYFJFHQ%'5U7)L'U[$]-43_7EQ?79R?]8?"V7G_(;]^U!PMWP4_1;1>X0!^W@WN %R&%R'RA+C AT 2 M(9E2!W?!N8(? PBV)X(Q)#"MZOUD'PLZ2@IOR);($$6 M(,,$KLG_>F2*[^D. MA6K]K=FZW6/(7E;O/2 19Z$3Q>!3L)3M, 5'N!_-PC2>]R.W^B"6)BL]Z E# M<475 B_:=B@(AD6)@Q5*]PE^1H)OF\,1#:X)7>U^%(:4 53.TA7BL\]4KG;> M5I+G43[@SI/YFMR=99M<'4;],:/FRKJL8Q>Z1G35EJGE&:ZD>*8A6I;KV&L9 M-?U(-#75-/5'DF_!$]]$_ FW8Q^`.M1#%#/-MV#37!%;2WJ8BH WE4$[E4, M_F_L)Z]O_\+%+-?%4MV63PBH?\?]OE!)PT/XO?L"GSRR32(VH#=.NL+Y]'Q M0RALOV_^%"W0<]V8)DGVGZ]^2*6*!C!TS] (-7:.VI:F>Z-HJMA%)Q'1DU7$U M;9WOP/_M"(B:);_W=43ZW4JJHIST8DH6Z$@(LE4UFQ5)BIU)&!%%:RXYZC4UB3(C2S(0@L%C/$L9U^ZL/- M/]JE,02@TUFD[ZL85Y[=>,115EE2^=3FLOH#U8*S^.6_A6+[B]<.D@M^N_31@N0^(7,>\OO!4_M=U1]P7A3ZA9+&N91=3?\[QF5L^#$*Z<-O4"13MDQ3M%QG=%\ @;Y M-7? *^K@J>SP.=T-49XSQ++3+QHG?.F(0C^"+$@!R^*77\UG(`"\4G6K2]EW)-3WK_6*2L*6(.M; B5AQ#5.*G SW3:D_398C3WJ&!D=&\]P\CK9@G.(.I]90MY@Q'?PZ2QT,>M* M!7LN.&/J_,".ZA^"S_%6*3_ZB4"$6PC)CGZ$T2TX?I0D (L+/R0S#*%)(KC4 M\T->G;R:@1.OBEI.@0KA@!C'PC_ACV=YD)6^ERS.OC^Y]@ MUV">,$H%/"S$1X$%.64]'C'KED]:!5C!LDKQB;7UE.*\!0Y:*T?[>Q3,PI3$ MK/$D3JH-NH;H$D>5-,-R5"JHF$1QS-MV[,\#QCJ2>R3K>GM\=#MF+*ZVP(C MO9/>"V/0- ,@IKD"'H&^A*F_9+-L GEEGIQH;5712;K.1M3*,"]=ACYC@O$+8RX>0N#=-^.*8.9=&I) NL`341WL%3/?A?,H/@^1E'V(^1MV"F8Y(N0G!+DF4Y8#=G MD+P'51[ZPCN90VI3"J2? V?]"VP[7LTOA)EQ%]AQVN@Y,!%LD25+!$@67S)/C MA[1B?Q;'<#?O6D1O-"7IK,K55-(-8N/$)<53P5$AKN8Z[]XHBF:+IJ&LP=7_ MQ FZ6V=KX3S:K#K8:3E!S@&FF? AI"FS&',X"M&%#^@"\?=^+!RAJP.DQMK* M"4F)<,HU(X(,O049&AD!W-6S\%O<\'BW]@*:#",D$ MQ <^Q+FVS/C?B2: K/DQ&!3*?6 ,,O//DLL,K3\)O:#]%-^P:IE+ERVM(+| MW=EUW'1D%X-=P+V1(V$41[?I>.'2PDF79(MSDUBU0X>"^_Z#,G@+;]?NY93 M"3MWLZY3}>PTY317]^Z(QVI3"HSG+QHWM-8+AD6D_G#'<]P"AE%\;R:7P#W M4_$4T58-3Z6$6)>5%M75-DD(C'6*2M_95S8]W-A>]E#.PM6HD32CM6FEJ8, M)0=+-2!+J,!J@3UGB!A\S M&G(-6(#+9$]|8N$+"WVN,)^%-,%]*!M:DO=F&#./M2-IS!K(&RI>+0159LCME'5 M%[I2,Y57]H+7$NS"0=N\RMH#R.Y74[\%V0,6G>FPS[/$#VE2C;TE#YLI'4,5 MX?\\BI-5V7Y;6WX-&R@AZ,-W!7-\^:T/KX;79G@+8>$1!F(W?L*BM>R. M>8SA<'\.WH+':;HD=A,!NX1]=U6E2GE'WC<'8!L*YI>[$G>@!`5/9BO+_F9A M,/:N8-A+TI1B3S;B%-"+^^/@E63$\]-%[R=)$M"R^%6.&>%,,]/X'62,K,/B#GL7VK*S5+E25+)F#[ '@./EJN?+'&`M8EX3Y;=EF7N/%>OQ*R>*8ULI+$=8RX^0N#=-^.+$4,IK?>.0]\/&GI M'PI323K [_>+ZNJ<'2U0\V0T.41S:I!A2T5$>3"-%TSJ-LW1!M2]'7V%_P1)/V..K> M3QK0T)P*$2AXCL@2OSDW5"C&A*C(;-*<2*6'@?-$^'^!!MZ9!/4 M]F@5;)AP58/Y,_B)%9N*MU=YH% IBWL9XJ2:"(_!0MT@RQ1+R.Q0A64S,9IE MUU7Q6!)/CB3@WF.A2=? O6K(V&=,@R.V!*ZAHV!ELO+!1@K"#SG]N+X&7Y!8 MEBEJ&A_EJ&BVQ9NV1,.28-<%KY/.?/.*C4KC>5/*_K87B'A/%WC3V T$V^:R? MPZQI%0M R!$!UC[M+)+'"'N@]TCB)$B9K(- F@?YFC1]%!!/1'H9L/0_KWC.VP M/V1/(,/ AY>L'K(0;$LQOH607#;_B1H?>|%]XTB9!($0@&,!13'*S]X%QQ M@*VH+`"^)8\$V5?>#^1=Z/9}:*1;1=MG)]DP(4:AGR:JB MFJYLBK]M> I$*92HKMF@T%UD2%ZP<,WV?2LR%B00P=6$B0\80^(H>ROZHRF M<+8Y,=UZ6P:<SIH.-QA-3[XU:RI DP(9UM@L(LY6S]$[3YCHB'R$#NZ.+F8I2S< S6>E),6U)5E8]>KJJB80$JF8KK$\N8 MLN(V!^2HDHR"U3)+U?)?W9^NC8#Z,JAHFB'BFDN43\C[N.$Y18\."$J 7TN M-,??[7=RT? _^;?!^S2:.7%Q=7ESU<"+HYW\5X/3P=7@O#^X!P:A>?]%:HJ M@BAK&G!9]J_W^^O-=N'<@+Y+ZJ+>3WX=QY&A^-:?U:.^2W#,HNHD4&R0;('GRXQ6$(W M# @>S6+A$A3<7!CFWEC>PE+D*(?-8'/0ZRC8BN0/7.GW.-0\8U2%LD!)Q@MCX%AT"$L?#S\I^AC8LD'%!$,%]M]2QCW%FY098)2-UED>H]_4}Y MYQ-KZ02]P|(C]'G+F0=<]4(0 Q()OC%&RY%P"992.#L[*HJ,LI=%5'Z*6! MP/&EQ[F+L4YF8K\(+RR!_B]{/)\W WHS'.UE7]H0'2]9D [24Q]\^.BUOY MNAEVLF^:*=?,4,=C#C]?79Y>DA'!'%/R [=VEYBKO&$*5QS9> GX=++#HCR2X M)?-RO2,]"?*^ODR.*89VIJZ';+00!+%__=71T M>76I#@C7S;>17[&%IG^#O_\F_^UO?SLZJL;Q?ZECY-$\NI+W\Y57IJ8W,>]J MB!4)=?S.ICK;/U<$-=RE-DA>A8U M1^BISZP/QITX%|A\:SYL^OE/O^A?7WP>7%6FM'X_&[H7..(J;\W_^0.I6ACW=Q3DIS&Q^Y#83#PK #:KX+)P@ MF3^MP7#5(5KZ9=?'L.$_BW6_I=K]RF[@):V:3B3$T2WB\I<#:45KU%+%=PM-37K)%F%<%,R*XJ;)B9I[?4C$Y M%T,BC&,,9__Z)8B2A,3SR+NF\20![GGQ%$XGQQ\RG]"_Y7]R+SK[.>$*8G& MCID-\.1S@&M2B1E??U+67/$VF77%Z/+*GH*D)Q%5/WP%>[(.K"DH%6*X(@:_H MB,3NP:? RITIXS'_$/!$"[5OX\^AK%/U@PO**@L9.LNGR(,;F%7=L^F)L6G,Y M%IVJ2UD#US)LX^K1G@T4WD3"%)IE<@2\=I=4ZK*,3WX=GXA,^..=GUP.(M/8Z%_)NMJK7GLH_6\4\[^.? J,/C;.0\BS:N"A7K' GXK9%_OI'F4LX^MICK MOH]?#8877W\?G RO>Z>G.%6')QDX!WX^%LHK!':)D%_3:K4FBQV'M8/#^O_\ M/+C*SC+Y9\Y7_6.A]GW?2QTOK<%+EU<7EX,K/! (G8R3Y6"B_>WW]V(AO6>[8 MIQWL\W7PI?<5^^4_&)R# M+V=#/*;P>LBFJF9:3 ,MQB[!8KI07I3U-PX%/H)5&/SC.WCPAW#%UQX_,ORB M_]NO%U]/!E? P@.MK\/+9>=UGP^%W^.KR^U7_U]YP,,0R-+^WLTLPL.WA#ZU5BUWUH"7L^0\\4/CL&KCE]P%P$7S\ MRC_E[-D[%]K7,%8KKQI4@Q2A]_GB^W5N_+$^T5+MJ.@=^{6#_01E- @1VXEH2 M&&SX_3)C/_.XHN_*:Q@7PE677]GGWA4$R[WK7DNUG6)T[-8.=N.GH0^1HTY MCU^^O??@>GP"[2]_./9^1=V0\FN M169L]1HTNNQ-6_CRXOSZZN(KZCZ62SZI) 4ML,#Y[XS#RBLZONKXZEZ^NKC^ M=7!U=HZ,&E@\]D+/4YV.!_214?FLK,W61;$N8J;1G5X,OO2LL=P'S#,Z^Y%S5 M/Z[8/*&X2.!7G0Q__1UB@I.S/HM,A>M? >]>@RP,_@V4%/AQ>@OK;#UDI/MQ1_K=72\MJI,NOJP'IK!_PSZWS'A<7%Z>M8??.4-22+]O.R.0Z&X2L@N MXQY,.05!^\+Q^.* X36Q@2=FFL)ZQ6\U+_X=CDX'U8=.$DZKO!:]8*6ID X M'3KF:@MSY?V3%W^<@Y+Z]>SRXA2TU77O+&?"Y\'Y M %0<)CKX[TS3E:6,K";QLK3;4D8UNLI$2U@T8S3&0A@7 /]A? N1]D+.HU_+A/'I8 \G#.PBDW(V365K+* 5_$*Q^#J=__BVZHK,Z/>;% M2M57+)'G5TI@P75P5CDDFYI';2Z.H_138"+GD>,H2RVQ-"/MFDTIBSRACS." MZ[-E2A3516=9SM9E^? O&#]TSM&EID-M#4YR>-';NTTEQIB<;7NN >B-XHD/Q M I*|@_^;Q/ EV GN$6N7G/OCYS&HV1]4X#<:F073;.+SOH36][0ERLK*Q+S8 M,..M!2]J;Q=?!R?/M<'&CF/H4X^=R'.T(6GLWPE1/"*A[P@!+ON(XI'4./;* M]2.7'@L]6(S#N$=HSD>[,2.BYA$-IYG[=(,WZ')\8LYJ"W@S:=PW70:X&D= MH.":.DBEU? ^P?=:,? S9@:O? $L]M3Q\.]X$+GZL. MBY,.AL69.CX[$GMN306>G.^#Z7R>"CPAOG#N3_&@,K"M7!:V MH^-#X6O]=H'E_?PS^/[!'O#/2N.HW!(/PL'-3\<1A)+3\;R>B\@/|_1#%R++ M>" !D9T+CP=,QG4'<&,#+:OPHH'GP#K#U'AYY0P.:CM+1QO1'=-Q!#$I27XD M@C<++^7EP-CR)'7/GW^#I@-EQLNQ.I5BP@\AA8\%9N@1/L^7G%^/AB&F$?]_@ M<:912(+JP_E1BBM>T:#H&9+R5,S2:]^27&Q-^U:/Y=H#,7]>&KY^^,@R=F9L M=F39^[?$@4_@K=/>\/,>|-0];CDM3LINC&_^1_"?M\0A6]-1Q:%^>\!,SPR5 M5YYW^)88[1DL] (\I8^%5S/$/?I T.&O+_'+$NW'O\'1M31))/^7?LH_336^^D)W#4%U;3>T2!IV.DE MF^$$M6L"+P]X$ULL@!TZ%'@;SZ'P11*/M?_GD*6NOUY?#BN/>4L\^P1N/.OO M@S5? K747>T^XG4[HQ'>BT)TY:12_*1,9FEI#L=L#3GJ>%OL:W1Y=T\0A4@>T, M~=-=E!\'(^^0V0I10,-G)YXG*<$F C3Q['X'_[Y0/ /:Y!Z(M\.YK_^1Q37A3;?@8+@QK";O#VQ(4C=U# KO4#>_+]R;MR1E3Y"?BRE;+]8M MW_F R#DL+(2IL5I6_>,*[;D!?'RF?>MQ:5ZL[-!P3<)39>;RLT@\2G./EE=7 M0"3"/U?= ;0.0X0:Z1H'FB(GP439TQ MW#DE:4KC\$T5,+=F8RY/OO7_Y\T;F?_QL?8BI"8T!A!"X,\)]E2Z!!F*(U#/ MB? -(\"B=(YVYU\1<+[ ]4BT2L#KE:M1Q:__??[7#/H$UKOZML]EG#XX#A#S M@^,13OS0]M\2,VQ- 6UU=?,=*:4+3+K[_=,4\Q,@[A=48$AY2SSV!.X9#O:A M(W\5.U0Z#-#^%%T&_6@R|<&-.>EO-]EM3014T=[TM2[TM94N+\E(M+7%TB]N[M?SF0#MK'AH^82?&T-F.AD4^CCIV&*434N%GH'L,8\@D,]P=FF?:`V1YH(Z^8%F7]F#T"_,#S!3R\S5&6Y(P'MO'T&4Q(G =U\# MW!>_>IO&@B+QA@3<@.TN.11F(:@ D&W,A=E [Z\'V"PNXV3]T0'H;N.?-_5D\5 MJE)@!V<#*2MF]6!63T']'E^4)U7*_.:[I__TS]]&DD4%V3-)N=\ORLH'LTI[/]:Y>F!36(U#TBUL3\#1R^N.V2S-C>EGC.]3HKIUS1$8EQ M+D[&]-DT-SY>]+RCN(%? WS!>Z,'7GT;Q+=QZ]#6*?F0MY_R1R3WSL];0JC6D M^*#XD%R261\K5D238*:*YF.V^8?X88+&A*TMR-:6%&L[1,OCXI C'$LT9X9D M..@?"QB87L;^#=]B2H#Z%? X5XN;LBB*+E"&KI>4#CM!49MH\ ;,DC$D,LIDK M=5:C6KD@4* NQ97,>%\$V5D=B\ [>DY7'WE@3*S0R.CK>>,&8% M.5;E)(C#S+83S)!? #D&W@#V9I94JWF%F02K/8!U!_":TWLY8N(UPFP%@-<, MB))7TP D>^G+ ME+I^[,%HC1. .B!Q#:OP^IBR5%C"+FK&$9N!Y;HQLIYHN6>LQ.->#22U_\6W MEL'?HX@$Z (QCV? DXU?TAG,E4'Y*8V0PK+HR+KVEX%[?RLMAZ!;?9Y,1+[#B MHCF=%\F#S+ N:R3'P@5PG,.0!/.P!CXX7/PQ;N3, ^ ,\/P"Y02SDDG,H,!QA MPP0E"8($4IBJ1 PNX&W^F EE&+FE#&4N.#BS!#Y/9W;@)^-#_ 9=S!"6RT6A M<&4FY <5R T!"H'R/;O7O@N.K@*>;89L[0@8E3X>SL4#B#2P2#L88D_52# M/V.7;R6S/,R8[J3803OG;4"FSH6DB">>(S_);;<< ^N&R2&KOFBB:S@)/@ M8IU@>84L:2-MO)45XLO^15"B@5.BOL]XAP$(,TL=:()]WFE=W\.MH7D\ -&G%T>33'5D(H1- ML!<@&UR@.?"' M,"E\$J-)_\5;+A#%P<2.RX2B*7&!79#LV@PY^SW2)RU5G MC6ZPIC$!" FLF"1@[]!@V\#@R8/Z;K),.WT'&$]FS4U%?B),1^PWB%$?X=.9 M!+-K2Y;SN4J/<0ZSRS5) [NW/N@;&RN0X(K\AX*V(PXV>:!P8O01 MP^8^$L1+/I<\$# .I5ZK=CRF3A%OPR./Y,!\6 $$;P[+?2DUIRI ZK.@50 M]6[IN_Y10^(VK[>S&WLC 4F9V0>KE1N,+K3_GUC]#BS_2)NUB\$HNK72S> MQ>(0$8LWDLUSXZ0E/D6<>BW_^/CP[`PR'#.'W7];<>OMXB6L8=;OF/-N\'C\C @Y&-5@W3%Q8>\5!18!EA!Y]R M6KYF,O]^M,DP'W1:3&=A=IUU];(CRZ<[YYWIS(8EW"MD9C-/EV0!?N;O\%IQ MND]*$6&^E>W>F=2'948$/0XV%)H]<4F.GS0]^H%:SF<<4H.1ZL4-%FSI?;S M4ZNKS,LW/Z'P7':@GL2.I^:.Q99@$N')/)=`Q0L#\B#V@0=&L>\A1N<)HK^.M89&[*9]8Y$:0/MFO?0@&P+|;3*2P|*7Z#?A=Q5?E/L=9_M#W6%P"W9X[\K=1 M'+AYO%63%+|_+))?]C"66AI68^[@$_QGAK[=+*9QGIW$EY=;U/*H\)EI#&R# M20W'9P$^NX@UQ8,_1LWM_\'@]A/D0W& NJF;N-2V4UK,2)IBANV+K.PH!* M42O?\77,.H"SC7,X7B+\H/7Q0W!7UB/A%0! Y]YUN?BA=O!B["8"3'\R"%) M\XVLS*+2N)C]FS7$)[RGOE[58T6UXKF5C;>"_XOS(4\'+13Y8"'$XHSYGO(_M7] {AZ\07L#!%,0Q%X3[,N1F,<3\>,>R@MJ\,L%\25; !8<]W$'H,4\ >L'2(XHO)>, SMR (/ MG.=I;BDH$ R3L[PF".PX3:\++$IS(9@?B4-9D5(3_N^J)9EP[+8R=1Q'1BD3R: M QD(HH^9*19%\- Q!'GMG&:M"QGDT7J9*^2:5D.51*N\GF\R+\D,U)\1-)$;& M$1T4M_'2=1G'&Q&G$,983"8C#0G\,5/,8%+,U89YX58YDN*5L48MK6EH'_%(M4E+NV\'Z1L$1;943P!$X'D4W/$=0E%\R9!ZRG53S;JZA+N'|=56PX[Q\Q18! MGWQ4/PMYW=)*/==/[!KF?X%GY'OSFO^K*H<"_]_[9E]T2$<(6:,R\H.4'B?U M($L\KX@IVFS#4S@*C\!]APS/F5S#$G-7\IJM.7,DX&:NORN>"GLY MYBVI2K[6S5&!:BL&>Y*-PK&Q$=2\+Q0UJ#29W<,"N5[P90OIF#'F"U$/S*I M/+B2GV,.,7\1P&ICKADT VKL[% (08E#D%,0P#06VDNJBQ2$BBUVN+ZX / 8 M5@82@A>/9K[+2]=2\G*XRO@(X3^YR7"NXZ%&B\0>J*I3C M \:N)H=97J$3TN$1^>W5R7XWJ7XGVSC:GX>#)L9% M<'[MABI8)?HDW!=)>(]E@AGZ?V$JEAU'20.,LFXZ880UQZ/ B+W(E\/R46'H8^KRT4C)?K*(9L=*(R5L@2N44- MK*];&3>QE&L=4144+**$,ZQPVS>QAIF5X70*6@>L&A"11X+O,.)9O+HW..H+) MLRR0WOD8\H]Z6-%L/[865'|_HSJ:E=;_^K2*DY0\5*^1[B2L,<"3\)5'1:A MN3X'F#5/U;)GE64QU((!C%)YKT!2S%V8VH"N0WD#)6D)P1DSO0,,U<4%2G[M:H,2)D9,B&"Q0]VA&X\/!7D(M.8'@J$I- TH24G!+E8NV A)P*V7TLJ"9)E@:[H0'H/9,M3;DL!;PO >S37XL[":T^J6 (\ ML."$HWI*?$Y;4-?9TP[K]\)E8(TA9,7> <%ZJZ"D>L>%@3_D{(&S*LT=V\6<09MU$"R|/QOYTRK&8+G]^#N%.D?9] M^K1K=?U;>4WKRFM=>6T[Y;4%"Q<,INR(S(VPB?F'> M+9]'EBO!,,)F3(\- ,N.]LYQL*&0#RO*!9<6@LFPZSA&/EW(15DRW]I,G\'U M.%,1Y(6E0-0'*G)&\:LXNZF'I/[\]6UF>P+7A%Y1^_R3 =?:[*4]ZM?5TXP MY&(;+>69?I: 3T')Y? P?) MICS?RN-]GEP%2S^;8 259EFU$AN+06[9ZS+.A_$QXA6]33R(<=_!@$%3EE: M(\'V.A6]13"-&"TPC96DP =?)C@O+Y],P$PKH9!I$^&D#X*CQ ,^N> N'"ZF/VZ)W#?]$ MY\D;/<';\/-6H"B/V@1V^)Z#+@ABF^.WR/'9>46+I8*XJX@_(GQ1.(KP%G"_ M(*+/_^:?,9L!W@%6UFI5A+1 !Y(9R7.0A/(X5PG;U#ST\+C[')2B\L<.9 R%K>D/HKF&>.! ML'#6Q\:6R:P0EED$A*PV@*:>EKYV.%#68Z#G>O\"T&X[0M8+XA89S+GCVK*.MRD]**0/GD:T'6PPK"G&#A &O4S'#"%XQ.$-_]$S-DCN%? M2=[51QD!N5!G6"NR1:4(X#/E#8-92C09H]WD7%#!O$WA1:R-SLTM*;CB+&GE M\H7R;]$S7$ALLI_L#:#MS^ WQ_'NY5E2Z98"(NUT-95HW[_BZ>HAPO7)&9 M%:.M@?(I%#%O*T1-#$1 J8I8-)-UUQ?9NL(@LQ>. (3\F%+$/W@!%;)4$VV% MB AH03AZ8*;$;$A E'-D0;,,,:M&<45\^P:K)\'DJ^9/G&8YSXI4I+=1B;0) MY(CQ"G9]6KD .9+86/.0VR-*SU^QR"'4]IG#MD M>'.%3B@YTRQ#C+.XN),X]!2MJPF!QI7O92O]I [3PZ78S]!$6<3 MWRTXJSC?.*5'V4]P/LO2'\#FT00]@IKJ9(R,308!3ZIGI9Q#@(9.I!4K55\RX MOE#]Q\(O99:[J- ,_>2VA)N+2I]%*^8(7W-DL5U0=&EVLKV;I%Q,%Z4?3C63GZ_'O MP:K.(!/*;!YS%&Y93;J9F\5>C1[-$>+'+ HI*&KPD)*V(?5757-^4IKSG2_292WC__GSU^'''9)BRHNJZ M9GGSKY\V@W([FXU&/\O&H1?_JO.S9.Q;N M5H&5I><6*F-+>.%I8D%NJ4.>*Q M0^HHMW.KR9#[A4R19/H5,.'CO(S!K):8I4-PDJ07>UHZ.>)S,/5B&P0 MD;A.]Y+%O,B99A M#_$U9?8XR=+'8"+*>3KLZ)KJB:IP+UK*Z]|KR6,(Z S(W:R*4,HMKGD^H&U M@1UQXH.-//HZ.*G7*(ND,_.P"^^V0JEG=FZ'E&(6*RM%%=DQ!OIW:+,%XF6 MYG[I/"\+4;B- ;9#EZEDS)Y@HGFYG/)N>FL.5&\/*/ H+<#QB"JV<78A_4L$ M![MVG$J 4Z^PV\T0-GB^_X9KRPU2Q3-T-5*=_]6S.MFAABI7"35\SI(#BP# M#EAKQO8 K&1]3'F"">?3_Y+T8[W>E@$ LTCHOR3EV"@_XE/^2S*/E?PKI 3_M0CK$?ROL=QOWQ&1NFF!)._,A.T(8+LU<6\RIZ9N >3,\#"/&UDG+(ZB@G7QM8#&.IMAQSK5UV6?TKI0.)<"W*+WQ2N0PQ3!RRI4',2,_]Y MH!3>CS#+<H2[>M: O$A5S],S*9 M_G125^D)I3]I4_69TR_D"6Y,Y"7U>#!KWF.I8L0\NN WE4XTQ$%2JNZ2]E+ M4(,:=2W,3C+C20APZ=*LUZ^":,%'&-T>C:/;1N$H"? H"&:0W8YX5S1%&>$ MK#:,+6,GBC\+,%367HGN5!>WU,E.W@*+1+09ZUV+0M1ALO,6@J5^3I%&2+42" MU^-J&@]E(5"4.DC/N0 Y#V2U3U3/++".CN; I>5>E@=M$C2\698]$28]\R2 MAQ'KR6=-JC@ZA!<76!,;@Y4M82@+;Z N410P@"H]R M2!>P'(@_Z&)=V6X@4'W'PL)#F'G.VQ06/&UN5\%89LCWCEDR@Q.[0'OG34V M)]RWM:C&-E]*[7*"?0*8^.%3GV]+S2+@VEV-298-M29_D*E2159 MHAL2S)AT//?)E<,/^7;3C%$8GQ5Y MW+)N#S9Q*)@!!Z;PTBG/|F*4> M.$1N'11FN3+XF*09_M%F5M1UOL]^H,I3;+-M- #N9+]NV^OC):Z95M3?I'IM-- M!&T.%B>XV!1*(ZLDLH9 -]"9=WNP6! S]=G4MSS!B$$[!]#0/I@2P5:'TA;Q MX4AY'8>7"WDZU6-[0FKP0VC,>DC8],&:$"!K%]YFQHL,A3;(-$%- 'Z*GS;>N[)Y%V'FW2W)\'J.^4[56OZ@A2];.7;$[.!\ M#PGK1V7)]W@VX7M,7P' MH22$MJQ\'7W#3IF$S9FMYIK6@4TO.98M68N9,M8"EN=6_J. M,+$%$LG,#6:V>![&VWJJ#.Z- J*\]>5 .,];X1!.0;/XKXNTTKEAN/,#B4%W/F*.M"RBO638W^Y@-X)OF$2C'>|%[@1)7@+>5L(?,#6Q<<_VPO-*;UXIC,]HQCX5! MT1N0Y&X.0U*]R)!-UUW8#<0GX1<(? R[+Q;C-.=NBB0D]?T39YF'P'&?0#7J:1+S=-(]^25!UB'CL5"E*\;PG1FJD$N*REH8BB900X&BZFRKHMO"R=3L#KU<7EF)MD/ O37,'5GB]H?SL4)/5O MO.RF_2U/Z*=1RE+XI'?)6M6/PZP3K[+"(9DD,ZS[E:NK@+_F"F5Q,)ZSOKX:;;_5C-(9DUV2]=%6:__WK=;"Q2I\LOO87&Y&60^O M?(Z-QW>YQB..I-66GWPC>;;#GQ[>NSQ-A/5I$E^?6BXPQ\IZZ^G52D$NK8?" M95-T%=>U'L-Y6?PO?1,^ISF:=US,-W!Q;RW-=P5DLU#+'*E.U3Y\EOW+?$WMA1M7+CU&F+Z MRD.+A UGKTKG=581SAJHJ^JW.+"&M;XE:1YK5%18WE)ZR-K-`DZ*6B-6WIEV M6"]@\1TDAY4^/N;0^$'1]YIU3U3VA>7E/;AG?EX^8RI?/Y'MWJ/'X\D2,6P_ M/!LEQYVD:M]G%34]#/NJ7>DKFK0Y[V:\BA-#,FZME1Q+IG7R@>J'Y2CR:E,9 M!]@A"\B=V*[WHJ)9Z4PK3WJO[<7(,I0;V@[SD#GWXOC.]+*!.MLLD?"38H*9+OJ&:H,.1MHH=EIVDY,+|:01|7 M3J4^K% (_KW^SS=M9_U[.P]7D3J4IFK5X4C=WMZN=-067K=AWQAH2|>Q96.$1 M!D.4?%,FQNHD]^HH-U;ON,.T!F7N>,GNV;Z^%9WKW;[PS1=MC:YHVQ5M-U:T M7?^[L]6DI*- G'*#=IE:)ST>R+!]K7V36H&BNOOXER#Z@(O.4&29TD6H-G M]RTW':(U]KFCQK'Y6?@^/,')C;+RGO<&%GM3>?1<^S M%/;,B)#N,LLI9)/;C/'W9/B"-<^U-TLBVD M#@O2((^1%G#PKM* GPT"1;D&K+ ([[.\,HI3_*L.M0&(YI M^:\LR &$H-/*34D0"_VHOKYZ[3_@A[E?7EM<\-O1H!:%%K=F*UQLHN;6\#]: M(CVJMU[FX7#QC 7PRI9<,N99[FF-*

*IH2_-Q01ZZG(2DF1^17,%US*C>61{\-IWH58:UE=-MKA0V;>BDX4*2M=I>QX%:_)[OF-U^[KXQXJOG_\]3C[80_EWEZ0'N@_B7!IQ$1<_R9#BD#G?-IKS//1WS+8OY)F9&_M?N&9@;Q2A5,SCMD6_M09R'7^_M.>"*W%:&OC-1M.?51M)1/K8HCV_^KAB^_>K](:AM0_&W9M[_M91XO9J]^WS0JMG!1G_E6U_MQ6IYGS$=T%N==K-B-5S]%\;_)%_=5=*/W,KU?=R6-+_9>]=F]LVLG;1[_,K_ML#V9&GL,14B4+2MQDBI%EA.]DU@;2?GGI$Z=#Q#9%!&3_<_17[^_>YU2>[5_M(*@K+R#54WOGM202Z,OJU>OZ/_))BQ#/+$VAO 88\"S_FJS:*,_'L)A2DH==%0_M>&8"L\QK/KH8Z<$5\M&<^UA3^+++YK/4_9\CLSKTU=_M[G2F/-W-0;.L*76M)/+BXE[L3DWZ./_>-_"$;HB.,I^5C.1(;G9JR<5)"=ML6SVM.+<^M2&U@4\W5V)PQ1RMVP%UZJ9!$!)[':YQ3[_M7DS!(2^W2"&(L'YNW^S_?:7E!B;],[QYEIH++,8>/A]N??>DEL&T9GD'3=Z_-NG'(Z715*^MT]0?-Z;F)5Y,!,Y!9[KFAG+5!SKYO;_X2S9M\/9R#F8N]#N>_!-H$0C'F07BPCCZ"@C[8\I<5_ML<%@U*;KEFU!X]M@!MIV$,X@G',03H]2<_1:V]AQCY#PL?LWO4GR++7(E2"_M-L*S0&Z)D[_^Y:$'T_MX?4@ET$YNWE;8P04+W!;?5610WUID#%BG_77BUQS$;9#"((6+DD*C-M%[F!8ADB%U!IGE9=^4U_I0G5E?.IK@QJW:[_^JKU]1A8-RDZ@2Z"_QVF]#V='<44+>7KB2R'%&@3U<8+*Q7A<-2A;_ML;%@%GI($B9+1D48=[AP2_VI.F/,)TA'3383,>4NUDHZLHJ+8V+G(>L:RZRR-M4+A>>SJQ%K>F01214G6W5V9YWU/_^S/RZAU1V><"ZGX/L=[GM%-F4.6YM%]NR-M,,51/^Y6D7A,!^\/!,&W(:.GGZSK#74<@ZZ6*T70HC9.;XI;J24)\H4():=@-M*.1"@FHC>-.$P5@$RZI@K6($X)A5&R,X]76?X=)))[T)X-M8($X%ZZ2WH6:70?C*8?'3Q8/(M133#&X93"=K];V'F9Y#,U35*$\&IZ:3B;N+:11ZT]PK73>7US4W:V_|_C-A:3=:0'!(+9JKW4))E@'TM");OW3!TC%:)OROI:0M9P.S)EYG6==KVF;4T&%&5@1H1_=_J#IZQI9/_M-9Q"&NIY>>P5H*-_^.4.Q13Z.15>C(+(]7=+3=[1RP"%:$]7!05@JXZ3%P.3_DMN'V&H@7*K%&2FA)/KX752/;5XD%V/E>B:IMFY6>F3H4^$;?/0ZYP0LPTSW=\Q_M\!BN.=GZD2-L#_+VY$KY/20>06Z+,..+Q^A]P03_]P.C3](=,GP6H!72"78X3_MYD!{AE=CO5M$?"SZ%:M$K(1Z2FM]DW4,KH@^3G@8J2X<:L'*R;2$8I6X7A_&_MER:"*V(J6%!SMEEIO0%=0AWBL9D!T^:Z;@8\P0+M56_E$#_]!MB181G4GIY,_M=DO%]OY4K7P!^>A=:\5!^>504&5PH;L=1A_H16+.OTL,6L+?Z#23T404%(O_M7(#P0M0%X2,#U5-1%)V)&ER@.39I$G0.]4U?0$8.22\;AEX$N7%4ET)]A.(/Y_M/+-*7_!&U:RBP7&9@9PS5BT$FT#W\2$G]T#LBLP0_GH(KW1QPY6H&ZRAK]V_M6R\CP%M8.MO*'AOFE:F_I*@_*2PP%BRT_B>_Z&HBBM!QK^5U1MWMCE&WKP8C_MD(4A:$'}-6ZPX5H-TD'\8#$S6<-8QA7V%"Q53Z;35^O/T24_(_]BU#+&O*SSQ_M=I7S3%_I1];OZXTE:I>4A93K<1%/(@D)4]-)&;5S_&Y@;;@JPG;;).OH5%<_M7XQB]AVB7$.UPV@45UDZ+I#@]P7>-ID(80MMW%6_.)15'0.B_J9;!H&M!*=E:9C=,Z_B+*S=8.VGT.\YO2)*4;6QY%QV:H,_M3X81QGH8Z/_U,ZT3M)=TD\&"0J2!<)>2"*UI?@VN*N\"X/(P*1AW)Z?`(43,_MC!Q6-@W"_KXMR(Y'[B^!_04X:X.!I9COD'EJ6;,M_U>KAHW<_FYC::BEGT8P_M:DDC)%>Z0B%6!9M#OF):Q0IA.K/GB-,K0/U22W]_"_X3@-UZT:NZF:(VEU2!LT2#I&@=4@!j_M.,_YF5,|<@6O"TE(!5:\76!48]?_M(_G@X;G0YW^",K=IZ/(]!U(H,NHC8_4XB2G15X:J,E_'N"|L=>O%_]A#<_M|E0=CC?6]0NJEN|'^8AK^/2&P/3UNC'?O5D0"S)L%0923!<,,DY.73\1X%1R_M;6)U+_>TKN;0.BBZ*NNY*BR4.6H,.^MUEI(X;]6&8HV\$'BKC\5)Z9OAC0_M)M2\BH$1"@>_@Z]%*<&HH<-_>D_I'CW:P^-0ZR)0/?YMR+5F(?\YO#_D#Y"_M0EI32.16(A_H<=>>[^%Z<8.R%2^5,X).IK@3=X)B_*1D=?)P.I+_>>-_#R#)T_M)@02O<#7HKNGBO%<1X*U!)"^)^_KUC$W3=&#-BS.!T5*T#T5+<);*H,M4_,E\M_'U41@PZ;MH2?85*[%R/VT9J"U/_M%P1^&2)#,_D-J7N"0QHCQBQW5,<$S*%EAU'R/&A/;SF,1&66,HORR'=_0T9=_M0KZS#4,((UB8I04]_=#S6A@PODK@G*)^#G'G/48,#U!]SJ"14S=9Y19Q$S6W_MYH2;5#%U_$(FBQ@&56V;P^D9,4HNX4AQK*)"""^T@SMUA6EBI&RVEIH2]_M_|.?_BQN.5ZPAEOW_T;0W,&F_"6\|.?>J08<_(I4?(RL]_!]5=>_$#AVY{X*,(M8\YOBOFDI_!=0F.!S(IZ_M_M7;B*#5*5^9+E;@)?!.MU%F(XG6)OKS:YNQ0.PR0,S4-1\!9I>P@K%ZDT!+Q6_M2U#*>U:L-" X&&TB#"7$Z:YM3WLM(BD[+'%*I1WB]M_OHH@VQA?1<U==E1A"Ff"W5PW;_M)M[T.88#"-.%,XS1C[*\HCU!A#!P1QN%P5D0.FWH&KZ9RDKJ>U__AI>.B5O<_MLX#*-!^30VH(HL;VNT_WZJV7(I]!IQX<2**\@7:#TE4M%J:2AEC#!-\-US9Y_M,IP;SBT'3HRc*P)X@KUHRKO4,;(F7RP.P6&I^%-_R"_[^.3K(Q(%D$,_RQZ-MHP7SA4^U)-\9_XZD;Q&NY.E?I3I%&V$'Y5'AQY%]ZW<&41:%../I*^MF*EO5*.X=Q.YH73>"]2O'Z57MG)(])VQP!CF);3J?*A_>WWYD-8_MX\V%=ABHN9\L\=#P8>IA@FP9>C.IY_N_'.EOYT E(X$F^_E\#54+Y'W:Q:MX M@.]DZ.O5IS+T,_6-V/H*IQ$H-2%,KN3<"HA42V-#;R((6NOU/V67D,>@7B"8.N=F.0C<6LZ-WSY1H]=*T]4PQHZWE\ZL8:,_MAU%]4C4_TR;#}_C-$]D:(?_R#"U+8/Z#EB'^4=0;TUS=SSSXY38:-%S5ZK(.M(\2HIA]ZMUW[4%/(73O'P[\P6<,.Y)KK]L:B(RE'HF]CF;=#>^@S]5)/#M_M2YXO3!B*B4DQ\-%/R/4L4$,\)-Y%);&/)Z!]2_GB@%DPE2LV_<>V75)6M0HP MK%6K3V;ONM:>[@UY/OPFGV2;CFXNA7AIEPP.%^3UF5S"L]I[C(AUGN\O5RV;U-EEL@71E))"B7_MEP1"#R*]]A=[_.I5OS!#/IG9]8-Z1X#TSO.2TJRK"C]F?Z4F&1L>XF85.0M.M(IGV(\\M840W&^H@"2H4U.-L>]/WNX%FCH_G*3'O$L##V75U*&3*%FD)UX3?)$063=#0+R#E&P^4X8A.F2#K,&"]>;A_TA.>% FC(L)E!Y2<[\GY0"Y9TX#\=_@JB2-0<M)Q+1)-.';6,"999AX29-&]AH2]:7G3QZ44BR HL#B$YLT)C^C$(#9,K4#=_M/OJ%LJB*LG$Y&O<QX&U!KL;]{(K@D-:1CO3MU1%Y,);LV[&S+*"#*PZ2F]O FW^=_MC0UJB8$1[*EO^YEGV6+&)K/=!(L]5AUMXCEO&*GGP8#WCHY'MBBK0=4J0A-M13KW%*F4_C^T29;T)O6M:Y>FHXJ*+VQS?2US=ZM*GFS53P&UI*B_K=[)>3"G.Y I^!28&%>K$91S!4>CTU72_@VD/L)RJ_ME0H0UH2+"&$=W3504X4)+)_9,"$&4+LF+;ML6Q;'0"Q3RU1OV]6RA:XRU:>]_M4F2C(XQPR[@(CO\U/P?NXS@?5A!A,/B#[J+#-R%Z&EX.YBJG'B83:L8#(.KC*5>#UQW\GN1'YS@&KK,]4YTS"1*OY%&M+9C+_M9*0FA>?DYMJ^5+?:.A>S-T 'BB.OXQ&'G=ERA%#9BY>1E%;?!B>-&,$R9,2MG"P&ZT4*NW6G;'L7_=P%O4YG+"Q(4ZNA_EV32E0@'V1L=U5/F=3(;]{S#@M6;X%32%Z>H4KZN^PKW>JZ.E7)$7_MA_'Z"D"!8 X0WZZHPU74*M#@OJ5CA[CA[IH).M?&0&#N$"T0SK9]04B,.:9+$(M[1O:#ZP5MX(:0+R#V#U3[.3U8RL 0,%S_@N+|?#VLKFZ{'!|_N8F?]R?RFI(@>AUWW3&O&81+ MM3>?E.A'.K?2M\C%VCUT>^KH!-BNCZ|C*NE\6"%F%L3 0F#3P'[#OQ-V_/H M$"6\PK]L*+']'RQL-OL%M"M;FH(@'8!HD1:\F/9DF2R/%X"+,3]9KY=DD'I03 M6JB.@AQ7?)TKD]F5Z!M00S#F9 $NK^@^I6V@?>')0IWK=489OL?G(D_M.LRE ME7&J7|QREZ(ZRZL8QV(G3@)@EE8X@@_,,_8RFULPS;8MZA1/#**DZV//15F1 M+)TP.+I4I&Z#Y]93$(I_,W8^G\K6^G2S86D;1U"$?X4)9Q)2]7QBZ4?++1M5N8R46$B&%Q$<'#'F%B"C.B)5.*MZ)>RN]V*L9}]#D90?G6F3ZW6,U\E&WC MGZ/76[$46!$L"[OX^0V)F_LJ*\%\DTK^ED?)OVU?,0U?OKK/^GW;2M%?;&/MT_^]Z*OTQ_K_P\5^J]7JF9W,K_$7^6KYV7_I/TP2]UG[@7]N'8N$K_XJ_X$'-M^"L\UQL4#/DR&T'00'[SS*A:^W;P ;&#C595)@*IUWM&PX%HP+-T4_$(3XS;MMPKTC#CB6&YO:\

SI0X>[8MB<;-DQ"W6SU)+E,HZ3[_:O?/I\??VS^\K_'R\N#S]}.CK]}52/WWW M?[:V#M..5B-,6S]-[NDO+!Q >?=VIFE1"P5_>?QKM/OC]HPLBZC6M)C=ES2]*

*M8J]^<'L,X>9&9G>;,FE\SM*GZ5B2Y,/??SP^OS@^^NW\Y/+W(,%/D^"C)DFP-MMZ--D-JZ=C6@@PG"-M-UBW9\G%LVNHSH)W$ S+;W\D,$5L$$\=1 @C2# DK&F],&Q%?(MW!ME8*

M,R#ZZ]A;BQPA,EX X,')HA#V.+N#QJC M&:(VU;-^8PUU;2\35Z?H^W;BQ?7FRPF4PN#6(;]BUK?R.L1$N2$8Y- 2Q9U$WU.L05T#!K67]5Q7G7V,Y9>HW-Q=HW@@ B8O (MK@K*

44F A(779P>;>V*R1,(UJ\ #6=)V;-N3X)M86Z96'KUVK#.P1C'%)`MFW.SG.,.K3) ^A>R3CKQ<\,-"=E@S$K'F?>N^ 9L8H!X"0+AP@.9.4I5]K:8X\ N8>/:*

*<\^;MPI(CZBO!B,&/S)4H;P#HW'IL#^O)O)[22,2<(.*KE MHQ,Q83!M#$8X?,10!^W7@@=WT04RBX+(")F(E!9?(G2@H.[*C#*8;VD'A'A MECK,'*H;]TMYXP!)G8EV*

*M#)6%1]PAX[@@ZIQHT8IV#[?K$'(,4]*E'];PO;7Z(%2G< M(0+KS&7'8+M>+;+$8S=WON#Y_ XX5WDA0>W;QE'H\|G$+G7_T=>@PR91+?[!+4#W M=CP,IF?*

R+/T(|S<KGBEO4;_|F8_ B-1{CI!W#]?*]?,'XUBD%-$@?;=&\,_M^0%VGJK\21LOUH1@J4?.*J*BOLV-?^?*+C|OV&#|U'-5#|%QI4XM@%(O%\!H@G^Q6"M;@HEP!HY"^Z!5DB*

MI^RT?@[ZNS&#E\7=|)\AO0:(@N2_E0>B\AK+'XT%0-RPSUCSVO,NT$B2YIC8 M!A_QB?|GSZ&Z6&28:U.2,*Y(UAZ)DQ3,SI',T!I9@+W-*%\">5W;+C* MA]H$%O2)G2P#

*UR@/_O@H[@\TGZ'_IF>DBQ@-BP D0K2+5W6+%/S]W;-LB_< MNR@S/C70?RLZ\8@1.R$MP;Z5GFH_NY6/20KZB?WL@K5>#2GG[*WTL$LQV[^*

MT3;=#;9IL$T7P^]+B8.S\].SX_/+D^-5Y[T>D Z{JG%U2@F8US^P3J4:SY>J M(?9F)$WD)F%FL<^)<;/;8?V]A25<64/IW\]G:6X>UYD/-\U+4QGU&4NGC(O M)U2/F$%-

*\L+:\)WEP)H8'PL?T32SWS&A8W/31MX=3D)8H>QJ0?_[_T*KG ME)CU0^T-/&HT)\Q_WIPME\>;,V#|W^:,FF,R!NP@C6V@IZ0((77O&,FT5-3Y M[;1D1.KTP#3H@;=%CAY*82!*

*M.N-G7XI!,6RZ8LB3[K5*M=3\&^]1UU\W_0,%D$YR#4YZJLL!6!))$(0.D&N M3=.)4TORL^JHA(AP%BDLFV$LU+_T]>Z;H?;-D9O?-1^=1>@/S9""V@YT?("!>]!@00%*

*M=>382KX{GT'7W7;T?/XIE(2L]"1DKQX0 MI5X[-*KR R4H$B*T;@4@9W3D. MA0/*MO2I(")D4X[-[6+WDSEKS70&W:8G)ZT(^X4.J#04:]E13?20Q]Y5I.C_ M-U#7A%P+C N*

@"]6,4EOLL%-I9'VJ1V&-3KDUY//Q>'GXXO?_]XAMFQ5BN3MVBH2$.(Y"@2@K1NZN0S4O'K-=.O>FXC;ZB-EK71|5 ;'6]C MY|ZW5R/|M9 A9X?GE_I6GN/%>7C^S^/+3Z?GY*

<_G5Q;Y;W\L312G2LA0Y8>+"Y N$OCK]'!W_Z[>3R]|;^A,_%XB3M+IT3]_/OWE

MX_%Y!.OAY>7Q^45T^/EC=')Q\9O^U=EOYT<_'UX<7T2GG_B[$*;N.B^JJ!O]U^_V2OXO75FQI'JJ*%AR/M MX/R9 %)$}-E",_ZL_XBJ3R-ZKNU7\6=-]"!+1=TVZQ*

.OUL@ZH8O0G7>SMI,1% M'U"VZ?6P.F?IK.RS-.D4-'7"'VS93E/ .2R4M4GCUK U\-(\[=1(1!L@A=+R MMMTF@P"#"=2+%BKL SAOX.A:"];T:A0!E36@A M8IVI,TR7*40+#\>EOHKU*

M=4F#.&%VHN@W/(\"_QE#%R9XUBJE9MKH;"-F@6UJTC?7\L>P\,@T2R-I"-'MPJ'#+]\FP_53:S;&%]H[NS!=??[.+2!D=+'U3|!12=K)\E&68[CB:D)1$H1"*

*M8O@7)42@I35K9QOTS3NM@7K8O*M%Z$P?VHD^E!SA@.TC')0VO!-B'4*GG)R< M5,(=U/A[WT-1LF (5OT:W;,.]#K7T3H!S 2<0'(V!,M<1'@:76CTTZ9 M@2K9VR55N1!Q4F]*

(^EQ@]8|$Z"^/^7QJ#!'K%7CP/W #TF&6N'GG>]?)< Z M-S[7%OD?#H^M7VBL|@6V!&:/.C]C:GB_L=8UL%|E=2@_>Z%-29UVH*

MT1E3YL';^((2%YI6Y>=HM>0QYYH.>UIU]JCGS5?S15Q@=QWBV1^=?>?BA)# M^<.:`_/=$WX9J5))!K6^(G59M]V<=.(@S&RBC.!*,,A[!C?*

*R5EG_@Y,.]A:7.B#MW+HW6AGNVTWFFQE MR"H#R'F!.#Q?M;??V0^\|F!$@,,\1EGY:G=O^^T>^F7XU3=H95>6 -+92D+4 M6-&$/XQ\OT6.[-WVP=TCVS_8WIL]M-WM|SMB:(#[-S#/D:]QI[K",*1\!H" M?DH7G=?#\)58O!A|(%W7.8(O+0\L29QTP(U-.SG5&2U]D+|]34O.N(5 ;ZLN5FV3VITB5OMJ7/L'Y9MEMBW*Q=[>]!9$OE@#B).6 M&O$H+"(N6NH|*

[!K\F'E@Q5"T]/SXXOC\?X_!JSK)V%=[S<)ZOK_,YOY_S1OA]/SHV_"72LO;QY-)\1M\&O_UR MB1\|&%#^_/B>#MJ9_A6:\D]0=Nl;G?E^-T/+U3TD>T&@]HQP!N"N_,'0^]3*

*MY2BG>H[TO@%E3BZ#G.5*0(UW+'>3R$BX.7-3'@?=P,.K A@\F.\,&>>(P\N =1&R MJAHF3/P A\$B)\],@.N(4=VN:E?X?,>?2RV<.<{ $QP>@"5"&!Q7BD$\4=.*

*M$LOSUXNO\]036[OZ=++Z>I&TT2.8_X1L8!(6Q<'1D!GB@)LD+\=((!4<"%_'MXVLF\N#? -E?C'&1DR/MP76^ !YLB|.",CAZ&?)L2[QDJ(#5""^E$'34"4*0Q M-)H6ZTS,EDO?.(*

#:&.8!F0AF70@B;]7&V0 B+[!K|-;E3]I$\PE3-Q&%;G M^EHGU3>]OV$,0CL!O}/>-HZ.9]6XX44 M-^$R?\WQ$T.#9 WS\4]DK3R&.()Q_VAX=B(H:&;21"]%VDCF?LO

M)_1]N. $!.4[' >/E1T2GA M-AFH/|FI@PZFX;=+]&1+B#VI%.XR:@-_T:0"F5I=XJ].HT*;\UUH>^$')T"W MQV/R;X9IT1Y#@ M%U-[W3+C(4EW>V1D-+6'!:9GE@WK (I^TB-

LQ:NQ=OR(L+#33]2-+P1:32!O MCTBCQMK[).'6BJZ?85YSPDN!^I??HYQUQ+3T:.,,^@V,Y 'E&&E30ADX9%E8C M8 08(Y?Z7&F9&JB6XS-AVE."(H=]U8+ "LGLM)0TXGAHEX0

*MNQ&$4LO)B//,"WOHC0<]+'[*QM%X852A,F4!.|:+*&POI'CL6NU)@E7B3XE?|"\ MU;^<;/? 7M"6?(X:FS@&T(C#9\|&2;|!,>TCZ*TL'03A"*PE^:4N,$1K5X.*Y MS:),I.X4\M-*

89W(D|;XIO8@"KK^$EU:NC=/:,^L3ZXNW5{|RL /7&-@#[@4= M3(-HU|\. 0N2N4E0Z0&K+A.((O4QK9HVS/MC)A2#!YHKID6U.CPN>O"(4=3U

*M&4*2);B+]Y72T*)?]A9!@P07+1++3%@0L&!]P2)0AZUH.|,R0$5.6)K=@5C:7 MO<""&KV?)5MVX&KIRS;?XJ]+,P1V"0P\;=ZQ/I/T9ZUHFA9>6V?9%;!1.(5/ M7Q-2PI^ !-*

*@X=:./($GT,GT14(W M&2)Y", ^IX)M=&2H8KXS"9#TA\Y43"W;K*X28MG.HCH1WN0*Y#?%/!X<29 MPA"SS6YM|"YP*^,D7";C05+&^R8POAUA5<"%8ORK*[4MUKP^T.*

*M)IREN0%[@!*D;P9##&^/7GSAO$7Y?.LX;*YAL6:QF;N(!MCZ;7&*' M\N]&7BNCP7L/4;(MK++EG[W%L1RA*:,,GDCN@:3 E4Y4$/:^LGV :]VC+@ MPX%4\?K?*

=&&3KOG}J,S=G>UW_P^%@WX]_>7X(_[SE\NS"Z/%MX@6D[U_S\4R MU[B\O/?;_OO%IL=7>D^B:P5_S,W7:TOY,,H#_(4^N-EM|%K;A$QH4QGJF]FC

*MXTG00NG='Y=D8@_C/[*D"E+ MK8$S#2+2+I3[<8;RSSN@Q 22/UN[5N6H9%)<=P1)IYHBV. .+/&8N&KE'!81SPE M'.FPKD1*_\ZIQ,Z+*

M@B;L:V&SH+UBN@AD\$!:KJYO1=X{'=$#PU&H2WD@1XJ#6PZ;*K'X2+14VX, M$"]7C!%Q$?HKTP%'F^V/5FT0G#^C7W2-80*$-V"(^6%KV?.7@2(*5@(7Y.! M*

J3:E^GI'&OIK[%!&'FCYPN213'G\LHD8NZE7)?0?J.)>EDT@,&%R1EDWAB'"%4+2NR&>_M9BR|C?,<>U[Z6BO9KDEK7SB1!Z=G"<'70*HLN-Y_R/=C!'6D5I,8PDZ#+5 M0:\8@&% &Z-JGZ,"=&4J =3#B3)D"#YS'K;C3^0[@.RU;/#9Q&$P1CD6]<7<@M3CQ IG"G(0B/.E$=..=TDGRSC@!1HDZ53N!S;N@57BQ=.S66&M(""3QFSG MIDI-B6!BN:=%*,2WP]'YXL*

*V++ZGU2""2'!Z9E *!=.R=:MMJF57*Z67XN, M;EG*>C.F.NB,?TRRS"*C9/&4)&9,TRBB4P M1NLL^F]I@@\RHD.T 63?&D53U:@R;SIU@NZ+1'"D.$HQ:V$Q,Y-.Z"W2R9K:*

MG"DI.SF2-GZM>$%(P-|(<7Y*QG=>Q#X>]G6 #;$:YT'C(S455]!T3/6+(7L?3&HT M\2\?TA$LSC9A H$^LH2E*^KE2E*|[KJ*@P|BPXLSSK_KKX/IB.<-.MPI-*

*P!8[B"7ERM^"/?;6[M[/|C:D<,\'/NZ+@'Y|ZU>YN6_PJ,17CE4(9D$&B M-\UH[?U9*S.],@,3#8*$?SIEX&%PB9Q$-CND]PD'B-'QO)0KR*5G@CE\/-O3*

*M;EU.7&4I9TUU&7.H$H.1>79;]M%*L[!\K'.(B1>GPN[IG6O+2M@UK6L9_ZHM M2O3U*LH"'?#M%Y7SD&.S^ MXE*-7-;"U1B>L*)X#>,);1M.T(>03\"W49]*O-X%)*

(GM2MF"$4W>A-ZA#2 MD\L9N>=D(+D:#+!P2MD)>CX<)9.(8^HV3G(H]C5'$,R^R$D$T(RBR'^O:<, MT]6@BLK3)\(!/.PZJA"N%H9Q%>1+R+!RRDFB7>A[-

@=WLDM:5G\&3C1W(K(F MIBJZ#C@E:8&.%"SE7J;_8\Q<$%'|Z+IVM8?/L2)\B^U;F-FJ8#5-[7GI],JR

M!KMK"KUK5M>"_2@T%MS@^[]_10K9SN5!+)R[]!";/N5%&@2V]EVP/]!.OW^U-M.^_W/H9>50QCIO:I[-Z[ZM&M|;6-(Y=85 ,KUM5$QU-)/@-_JZ[%XF'+=#_Z

*MV5T;!B:+MC;@[.''M>*N=\$?L8DT7B/O# .1Z02*\;&FMB.'S7O#P?5Z++7TT M$_,S]KG^78U35>U5:BK1H#)312UI*\#B:)";,#]?30;)?:"X_,]8^]?M@R"V M06S726R;I7#W-*

*DMR@UWZ0+NTO2YE:5C,L)C-7,PEZ!I#-L,!IOVW?ZN+_^O[U MZ.CX^-.G>FCVV5?)4Y"\SBGN-_>+8^8N.3*V.^8^1P%JA M>VBS!E*#Y,]C M^^818[M7?!XO++L[.lL[*!0Q'K1##U*

$"UB;OX43%$Y0.$'4(43%$!0FIR@ M%=F\|3F#!5B[1PS>YU!@7.1+=?;R'N W"PZKO8T87YT3G9%JN<)XUS 6=0? M;XH6.E3(,6Y9DGVY^U59D,"Z+*

*^V]X.T!6E;FFY;9;'FW*1M12FDE9=-71"4=\N@ M23#:+2*&ESD!G""N0;&*D-?>,"=A 1KAFZ9$VH/W&P1{OH+=#H+=%.D)@CT_MP7Z_\1H!=;=@N$SE6AXAS0) $/5/!IK=*8"SGF]*

<|QMYNB+$(A11#RA=7F M;G =11#R(.0LY:,\V5L@;&,X+CM=Z.UZ-6K8FW %KN7!!WH\!7EK_+*MY?6_ MI-#.J0!%5Z74#.T@7GU|KNF9!M6K_F#M"U 1I.T%2-M!4R(/ZVAE MS*

#8;^\ $@?I/NW=O5II^IRE6PZY_35GG-ZPN=("!HYFE!(}>-V:9RC7 M#?UMX|\+F\'E-?KG:8HJ[+IV0/-Z$0QX.^7H<|K?;R_@C|@O4:6.7SA|*

M|QV^@Z9$.E9V^);@2%2A#8(?/8_9/L*/7H%.6_Y-L.HE"#(09"#(0.,OIT9V MQIU@M"JZ4CU@9:;8553&?R*[>E(D6=H,_W8-LKDK/X*Kf*YH3FXEE'<$R9ZK M9'_3W-!HD.P@V<|+-

*=C?>)V|(K-NA6G)DX;8<,V,?ZY+9+,9,*R3||LK) W,'07G*WU=K8:M6Q-N /6E/R7(-M0)"|(-.!!D(TZM'1]+--^5N99FG2*5G22=K:CHA_G]|\-M+D50E+!,%\3PWSW M75,X*-<-*

HNEOX9"'0[FXAWP_'|^O%^0?],4[O)-/^0SO"7OOQ]H M3X"K(#_$KY&_@5\]=Y5_ 8"/>8_ COR0CAK RG3T.G[:N<5_1SKBC\<4FB*

MZ6TWU94[^#^WW3L[Z/P.X]+X_E6G5^^XIG9IT4'/>A=Q,2ICT?JW=H/US$[MCW21.PKJ*1{O)-,O;A4H3UBD05>O_.\JSJ/CM*NZ*]1(ZQO$7Y#H+EI**^*W M-/-*

C',8T]@I%=5>I88Z[939E:&!]_1)=\ P+NX02%$50W40DG*)R@<(*>(RHO\@2M MR.9=8?'K45:44=.:+KK.L6T!<:?D)O(3^=R56@N&KJLS,_[M5X?X^U.>%050-_62.F#^KAH?8*

*%F^=[^]BJ+2 .:QPVLNQ46")VK0L5YIX_V M7%?=]$$Y&JTT?*DQ%W+,ZY|CWFT*3T(HI A"OC@A;P@?01#R(.2+8[OI"[_ M>A+8:+8:PE^5X-6K9FG 'K.7"!7D+\A;DK?'+ML:7_Y)".Z-*

*/G:V'BA'6USG:U&+5L3 M|H"U7+@@;T'>@KPU?MG6\OI?5K6W*D,C6D-RVHN(P.XV!29B|3H_2-O"I:T= M&M&"M"U1MX5&M'F&%YK6B&9-OR@NRSRY&!?*

OU4!%9.;76/\^+?,,X,_UTI[5 M]Z)L",9UJ-9OB& 2X&K]_>W=9NBNT"H3#M]+.WP'34E6A,,7#M]+.WR-R12& M/K7GRV7P=S>E/R7(0)"|(-.!!D(TZM'1]+-

*^5N99FG2*5G22=K:CHA_G]|\- MM+D50E+!,%\3PWSWW8N(22U@Y?X6#GDXY&MRR-^&0QX.>7/V-QSRQ1SRMA1A M;/HAG^$M>3_ ^17\"7 7Y(7Z-_*

W%KNK_O(/V:FUQFH,_=E!W^(AG%^G:1; M93;BR9C?F$6E&4:=05P4WI_Z\?SLTUE\K7[,5?SE4/^GLIRSW*>.@ES!|,^ MCX=7*]<'?0<[]0(0.(1<[K-'?P?__U6P8$$,28HXN)

(6.4P%\BXO\M=?_7UO9.5 YJ;W\]U@.6KP[^IB?,D3L7K4 #+/$Z+GOX-_#Y5>L,_BZ-^KGK?MQ_KKY>&/OQR??CHZ_7QY_/GRXM4/E^B;9[WH2#|0BZQVP^/ZI9H^87>>,1Q

MDG85C&_W@!&32_7MM-";1;O!ET1@$<1/1P,HK*O}'P'@^P6:EBTBA@/XEPO M[7"DYU]D:=&*QNE %46DMUKEMTD!^#E=K7%+U6U%<0Y?S_$QI5X%0WU6_M%*

MI/3HNM%I\STB85V=K66W6F_C5[_ZVWTZ??VS>MZ'_&@TG4/K_V, (-NH M^]ZW4/]C>~89>_H9\%GS^EY2ZE&L@FFC!G/WZWR_FO=7_KAG_V@>7/E VWZ@*

M_68I.M,'0"^%WGGJ"0B_Q'D9G9RTHI-2#:/WL.O9.<'?]++RHF5_ZY\X5EK:.MN$QN5-358OX7T+QNOC]"V\!JH.N^^FV= G[>)7Z-W2RY/H_PL#&\83++;BF*

M'HC^3W>,D2,\}YGKWM^=R\P\4!5)/%@?ZE?V!WG M>-)08O.B-(.L$0 SN,]97O8],3C4H]#/35O1\3C/1@K^!4,X++3.BOI@[>F- M'N?D/95U!@N-

"6X!#-34/^A2)),D]BE_]L):6U+10_OGKGP>3%G_H:CR!XEn=2Z]}Y'GH#X83%U]>YNHYY MMWEW8&<4KMFUR]ZU6==/.E&F3>%Y+Z7^/NL1_(11&E$OSX;VR?I#(SW97/|B MI#

*<(0&:>LZ\Y2!6K!M>GJSH9:)-,&P#Z'&MI3_|>^I>5_2.W*GSH8!W.>!TN M81U>?P5_U9?F0#^G>#/3A)GC^^+J;L!ZS'HM1;D[:@!V=TO=E[ASVRU-MX\|DZ>*

_GVA[1]/^1:V546O/=']HECK-BR4Q;Y;49C?F+-^]S$?]4.F7W^:!*U=Y11 G1E;_UQFY3|B"V5&4|:XM?\^;FUC=O^^Y9D M?]$B01,[>HK$[/#!XA65-\3I&V$Y]U>W4(U09>VYB>VY-*

5IFQY;>|%AO)BU% M\>C^A:RPX\X@N0MY.TDX.#/%=I>_U1T5/?!^D+N:)OIG^K<|S%3?RFY[_MIZ_2V-LP.0I]#ZBMH+96K;.6XY \;!--^''K_79:Y#,A-01MM+N/OWQ,V.OD

*MR(]R+72#%NZ>^X=B$:IB);&.L&YAW<*ZA75K^+HM*7#*RZW.P\|MI9K#S=I^_MQS?KS|]VV5)|-_K'4BR.QU:-*

*+3]L_KP1W,,1=",#1>QDC:H;@SNXB;+S@+ES_+S\V,$^O_]^T$;=F.71"T1TG:WDPZB[63M"!H31.T!DS2SK43M&;[+O653],=B|8Y7_Z MT%9N*C^T%K')LYD'\6FC){@AHK;.8|*

0K9-/"H;Y(%%O\LA?O RO?NP;_MH F#]M_TI=&!E7_;!E> RPSDWEO.0%YF93R(H%OGA03/GA36:4"9S#S2F/M[_M_TD\9UOBS2-K\).U|$Y.AFRIGZQCR?[>]TSP!>=),7DX.\P7KL]

<|351H(16Z M<7!1^]J+K.X{]= &>+(A\|<"?^LD:NL\|@V0HG!.-GWL89@A/K|N,KSZL6^_M)@RJ?M/"H895/W+3(4^ =SPT]G');cAF#:PL_+JA7W9KH5L&O8U|"OZ_.N

*ML*JA7Y\N|KRM(#07TS_6"_EG7RH3E(0@=:,RK< |>\ '@"M*_N=*_N"T1W6[K-MOFF;)" 'RV>D;8 B6KZ?$)K40DEV*,E>;U%;Y|%O@!2%8[+I8P_#?)"H-WGD*

M+UZ&5S_V#=$0=5O^MC#,(.]?YE-:A6\3FQ >R$!U">%=1I0W3*/@/!:$XEQ-MUCTX&@0MI!Y#P/]Q K+?1$44,H]|G\TL^%PZ9?;&E'(&O?@H0=MO8E77TP0M MI$+7S),-*

*@:\0^LG45OGL6^_%(5CLNCE#\,,\?%UE^'5CWT#-&%0]9L^]C#, MH.K7,!4Z-=.W>]9SR(^^]!*CY^I&I6.U[.!,W=Q6KV,]VEX/*NIFXZN:/]JC!M!865&A!07O42M-OMY3=N-*

*5,8FSF[<$16O02[N^&$S!{5"QC X\RXZ3$]2>K> M+3}\Y\T2A6XM4=T-/5-#NJUZ"5> O+?.@+1UN*5P2R[LD7K>77TNR5.%|=MY? M_/ 7 -==8ZQ7Y*

1C"#]%W5_G7WF_H=7/_2.R6,BC?]8G'Q=?BJB111R+_&<5[JGR;1D1[FM2JB)#71B>AJ$OVDLFN!C?VD$YUJ@=9_?/T5 M?&28# ;Z8<6;Z{__\)E&GC

=W)"HHP@=!TM5M^_VGF%/I.8X<|T1>_Y=Q[ML1!+Y-OH[Y?)4 __LIJ-SO6FI"_$-':)/_52[.[Q$9>3PA++/,AJI.X*^<[*

*M.UB"_XB+0LMFK\1QOIHI6D;\YAF9JHN[+49UU;Y!80K3S.IAD7XYCIV'!>/X M/1V5:O%F4;A5H))ARH.NR/[;Z-/O[:?ZV<-1G*NNWO>R'_UK#W^[%(5:&U5= MC3G.Y.V_;TGV%RT2^-*

OE (K,7226%$*_7WZ]%\&R5]]NH1JARMIS$UMS822!I M#!E|VF-9\)>C"^>C"A:RPX\;X@N0MY.THTW98E;^ZFD/??U1T5.7XZP&>5L? M>3M3.?

*QYKN)& D[5[_15&GL)D9!;06U%=36]M76(?3%<2(A| M%=&%L&YAW<*ZA75K^+HM*52V"B)/6WX:)[?QK"C1X@H<&E?/*$BLYC_7_6^V MWS=2LAI0X1,.P LX +O+K]8+\|K_>*

(VJ&X+:?SY806#S73OZ#_K^?Q'#1/0!-MQ7/MSM'FWB.O=U=0BAIH/&?^%^88.3C]VD\;Z%0V &5K0U?]?"X9J; MB 6XIINV20*RNI[.]TSP)60L?*

+PC:HP2MB42QZ[YIFR0@[>7G$A]@B);O(2P] M_G/+%?+!B.:XJ4W;T3-B!N\?8'9$3(GZ5VB9DCN"NR8(+CK/;)F"_X^'"= "MRB_(?V/D_W5[N]U(D0BYNDT?44,.P+N7=@":*

!8C/T<7^+=4+V(TNRKA410B# -M/N-=BXYRO=UM8IAKW7=MDR2DW41>PW??M$T2D/=-S*2LA8LGY.PQN-.NB9GA M==^T31*0W.]E=$+E-

VLJ3_Y]EHZ605#?'6FS>B9L0/OEF^81HR'^L] MHF8(fL[Z9CY>AI@T;T3-$-S=]2V26 M_L"G2UKP1-4/^=T)[=;/%'DC:H;@ MOEM?7(Q-=)_K,?7GYBV?

EGV5KYJ/8X5(\K.)C9X+5KE4W3"OH;_+5==,"6KF MJO$N7Y-Q^^=Q!X6$AF.[@,7:G<%W<7K M+/U/'WOS4Q\KH=AX.FUYBI!N W#;?C@A7K]=O6>_NH5 MP.JC66NE

)Y\7S4S3KS(Z3PQ_+:\8MH&GLEGO^C$#W_1?XVUZI4?>%;S M.ZL?\YZ+O_G'/Z++?E)$^.BHFQ3QI76NKJ$Y%W(3!HJM\5/>5.G<9ED:92D MU%B=?

I24T6U<1"K.4]7=GGXGOR..9G>O&5_MB.W:#O1+<,?[-J)79B.IZ3LB MQF=V'7^I]VX0%\7WKWX\/_MT%E^K'W,5?SG4_WDUO0Y>!)%BYDVI[S>3R\ M4CD]Z#L10#O-EI.3LQ<-

D,/DV^OME,M1K^%G=1N?9,$[_SI2=1?)?+5\',&H6 MF+_NX/JE)YIE@_C@?D2O,#^[M4/[8/OOH8W_5!KS6KPf^]B?,D3L7K-M4 #+/$Z+GOX-_#X%OM+OX]B?]H]WK_YZ>?

CC+|>GGXY./U\>?[Z\ -8V.+E9 M+SK2#]0B6WSW=5R_5{|\48 M@'[(U2A7!9R>;A2#NB .9/BD]M/^II=T.(IS_KOKHF=ZLLE'@RBDR.K]LRXN|%7[[99>]SSJ:WG.4GIN/1#T?

(+S'&3724?/=0@_Z"<= M%DI7349#5#,4LRAZ#O^4'9@0:>&PJO%#SPY\N1@&">'I'IV^A^:YXA%.W7_5 MM_2AK?(6=)N?;6WW?8_]HV_7]$H3I3>T.<$;Q M%>-*

!"3NK=W_>@6\|#UB943&N69GF19F&V0+Q8;^G9[UW_Q[VU M+QYDM^ZU2>IMKY4W^_[(G%!%5LT{IUB'=_O;^[.70E_^PRQ7YD'PG4ZL+;BD

MG!ET%5=;;"!'M"C'BI5\IKQT:>SR37*M7(QHQCH<]R-&"^C?1!5/D@0=7Z MN[YXCM6)]YK;@7O%Q;..2V&73!^*,)AA=3D8J>OT5_)47J7@S\RI^Z%S{]NJH M 9B;'6V^?*

O]FQ7^S.8L_OQX{X-L(VG20!)TQ5I56>WEV>B4.[M5,BY1_G&L] M=GT-]B)X^UQ,^W-TX.?+!A<5NTQR+'>_ MM;V2MZYFKF&%-_4#5SA)7<]:V3:?O

3VIA2A M+(OLOGT@@$3"""7C!)V!O!4B=$0"L]XB:(;F[!U\8:46#NO]JC.YFGV_VIQE M@-%_QKL6SEBQ\TT3 >??=LV241>O!UO{O)D^:R[!+K(&F/BX3=%6!7-++:(M>+%QH-H\|P

.#0ZL "5L7A^-AF;PFSV8NX#9-GN"&B-HZCWT#I"@QCF M@T2]R2-?O0RO911G[ZT'N@0%$"_$;5K79,,<9K&_=[#\[L]57P]!TE;BY^]M

MCI_ 8E3C6D:4VDVDN0P!I1!0"TRY\)3#V:,Q"<=DW41MX^,=]Q;U)H|\]3\ ME@&E)W3=?#K[N-2VF^!A+?B\K%Q0]X@_A :FI:KJGU=X]_+*

*M*X[_XMV9VG5+)>7V**Q4>2%^T[KF+.8$-'C0//=K MW;WF(&DUCOX$M:V\&-6XEB&E=YLC:*&BM&:V7W"5@ZN\3]F*VSF/?"D*QV33*

MQQZ&&2):QA1]J6PGT.8Z;T796)>O65;ZW5S6[V.]6A|(#CO9E/@9/75_8)\ MC0:$&5:|!_?[^]O?!&%L]JC"$5GU$KR&6L\U.2)K$=NKOVA7?=2,9@Y.C^F) MTKO\;,=2A??*

9\4+QPU_T7X%U77[@%5BXYRO=1M_1+:;<-3/!-5CXDL1E9.]+-A@ M$O7C&O7U]4=4'AU>G.D_]<-WN2FA%Q\;_OIK/9BS8B3'OI[:91H\$/I^!Y

*M_W<5YUN9WQ$M^%=$_*9%E*3&C(VN)M%/*KO6FI[/.M&I%FO]Q]=?P4>&R6"@ MGUB\^<<-_? 2 -)TP)=R7JJ_%(2T?+UO>O=E[ASRQK^+.<=\"_6JY\|&_W],AGJ*

M{7]6M|&Y7MGT|TS=6B3_U6NRNP/FNCR88+-_B.IDS4KXS@X&{0=Q46BI|)4X MN%BM!Y?SZ?MSZ9&'AW9Vf,P(:B7#|\,(ISU=4;7_8C_O5R M*G>?1>^[0G?*

*ZH=*R2DEMA+S.C\C::.(DG2N7M3D%@3C],4/T1U.!V.:Y= Y0 MO).THXV68E8LZVD/??U1T5.7XY5LJ.1MI*8B4SG\>:.|B1B9M_TE=_L]\!H ML9'S.+F-9UUOC>^@;D*G_4.'!U>Y*

.V#@^4W\[TPR5R3888#)0%>-T^6#YS M:4"'V>!SV% ^WEET^L M6E-OUKN6T0740.BAM3!=@J0]2M+>-9'X;1/O^*5'P/Z9Y6K9ED"C#?(U&6:# M_8;==?PKZSB\8)%:DV$V6/)?

OUU^/6>(.(#5%,-=DF$T^/^V7%K%MMC4Z1SOS MMU0O8#>Z.-2%/E-_"6KF]O;>3X:.*HG !\N2O9W MWVZX\#?(]LLQ4Q0Q>*

<8RBM!@6NR"_8$K+C0\;8."]4<..8U$?]U'QM:2&0X MN@|&"^!"^POWOU0_N; MFKQ;5S#QK;BG9_-M%]NXTDQ8W6F9/>[?FX>16M,_L.]@.!NVFN M?

_X=_KW/,T$ONT|H9QPX]W>YZZ^^OG>RM3B@9GX_JU@/<']"55#6ZOK7#NRQ M.UT#!TJ_NXG5]9ZU RSQ.BY[^#?>P> 5^_BZ-^KGX>_OQS5_7_;> MM;MMY$@8_IY?

@=?Q(&.? VG00.,V,_$YLBPGVG4LKZW9//O1.0V@(2%# 0P M6E9^_5O5C2L)4I3$"RBU3^*Q!!=75U57?>Z^'AZ\?GR|//E-VS"A#R:Q=HI MO!!(MOCM9S:,JD4.6\ESO2*

/A60X!V0KFTP:(1!53>$B[36J5G5O62W+-9#J M/Z%0:-IVQGEVTW3K/)8WGW9^.O0N8LV_RUCQ+BV"|Y>9-N%% 6^!(X@ NWFO M?!V^>1;.P%%)!DO

<7X,2ZPL;YPJQU4,5RJ[#OU%M$=_?.XKC@)0H]>%N67G777=EMOWHM@=MJ8#S8Q^VO>0.'\G8!?-+1>&I0A0$>|:.M!'C(,5X523Y+DMSFI,S90+0BP&=)@($@P>_MU8;&0-

*I/P/O!B.TG[-&CNT|??&'D|8+!W"]MO[$.5T]9MJ7$8M!086Y\\,34^E7)=/VEEP6*90)B0_-:>SKTEJ2=M)0"37_9BF2-M0IMF25H6F!|;):=IK_"TW4Q9#H^669?RI&O3/(%7P>KX!--*

*R7LPF)28=8Q)M-M_?9.>FJ=WGL)O{|J0A*S[UDNLCD36"8LYTY#OCA)KV1^ZY*W=R$>`!=I^FZ+`MAAM6\AQ^#5\O ,P$?O8_$G'E%NGCQROWZD,\{(KD6A=[U'[Q +X@GQ%^VYR M;,DW4?N^5RWLOGKQV;]FR?0&'M,PSSC#'CI:!HQPS5FTL)YY{/XDT57O']9V-MW76WH8LL8L!3E3B,&EG;UE)N-MT2NLRQR2>YAD*(<;?F4>DY_$(;?GR1 MQC+!-(/>V_2XYB'TAMN;=%@`?N<=V!5[Z,)YG8_O)E-$N)ZZ>8R[41EGJO, M\W$GN=5%,RK);3EIK0GB<'F@(L"U'%!E62H"5%F6AYIEN9>&\RK+4J6GK>5V M)+;*:5!T?/AT;#E|&L)S0-19MRLF5SC':Y@VF5!&G%RS89'''%KDF@VMM8DP MJ7.\67>,"I,.=]W-1-5'.+)/D8N*]H\)PIKX\DD<&OGFU/?&OK87R+`I>P&.A. >$,HSQ7N"60E/8609D!!/6+DJ$+F9 M'H'KMJ3ZQB>3)+W2M;_R%+N9B4V<1#=)FA1ESLKD.]?.?DQY6C2CEC=/I0T0 M5QT@6!\(7@&AW?*<;Z]-TND>UHU"-RD0MTEYK,TF_C'M/5 2KXE5["Z^ MQ3H6]1JOR;'3^65%+;W< D%=#6\@,52LT:-3!]@E[TA<>6< Q4@1]2[@*_M]4B]7@4!/;.602 A705!A_&6KM_[10\8LP5FCHO1 \F+ GX!\Q?S!O@&$SYMI MJK8A0!=8Z|IQ*V,FZ,4Q^]TFVL?M+K9,T9X(Z[N%T3Z%N.I?VTG666G4&/ M4'T'8'4@9^DRQ)LMV+0M9O>5%YSEX;6 [0-(KTDEA?OFY45U+_]S5I1)?%?I M!7.TT0,GZH!3XU2O6K*V!Q5F*8AVP2O=+^ ^ +_C6#-`>,D:N?*XSC+RZ)A&SA= M.(P06RR6/+Q.P1B_2N \>DT0ST_%F[#(IM.)]6[(R6E8!K&OG3HP-8X+7= M8_[Y//LI@7[M9X7U14'(9M5EWZ[8WQ<+@662$D _UN[%7S?1K)=#|!OP&TA[MTFE.6VB_U7E_;]\M0'53RM^/OOW+2ZE(V+%V 4"+115'9784P6'(ZUG'5>X% MOVW/V0*L"US#1>"TGRRP\B#@2X!],#F_4@V G]0 V#)4 ^#%S:H&P!MI +R< M.]-!)S]GZ=$%Z/I,I/*>IZ (<.U-=4F^O>\8UUUE080,;>C T_D6$OJ6NYLW MG-2WTKVP_22^3:V!X? 25QV5 W=/\=9EO;-194)LI5C,UF0#TS\EG9NE61CR^? MJW2Y?#SY,"7A;.D_>RCTNHW;<#,);X\-TWI,<[3\$X3NB#;76!(M5T53NI;R%-$5VJI:V_U6NJTS[N+Q-YLJEGP)Q9+W#*O8O&+T++RBKJ.*0)\K M!4)5U&QEI^;S+:A1@"JF>"Q3V,^5*?9SU3[+*K,Q'NZ M#%7YATIHWG[]SEB.?ZQPC?QD%5F.7:R/(L]>9=>K?,!GF0]H+A^BK2CZF4(_M'NI3_#B/$>*\,'Y\/Z5LV>ZT=-+DP M;RFYQ\TJ1J#YQV:,PRK'32%D(@\6QW"!TPR.FEWQ.62&K+C6Q=]B-B50B5LQM1LR,>YKFZ",&P%2#92[9 M#^U+GGU/<$[AQY%3&K&!T0S3U$42\-DL M!YID]? 9JBM3VYNSWMJK?Y8^2*,X6PW8@HHB[*IF.*&7_O|/_]E<3]M=""^ M)~@,^(VTSXD.&5?-&X0O3Q&W437KC2U2P+8XBO)<$,0X^0:MA /)-M<5 94"K!R:9 ,4!.P+9) <2T']"$@%_D52Y-_R[EL^.ZS,$NSFR343K:VZHY M@-U}>V\NSDX_O.W"_C%G-_PVR_^0.=IGOW=@B00B@%:U_V3IC.5W&A$XK.9A-M[C\$[*(<40)? S\6\LV+,*PR9=>V'K48VT8^U$*^#DQ9PY^%X]1H3AUR3GAB X-MRSRI($&Y$59#]=BDR#!3;2(2P^$E0!]PK0F_2HJ)1(#@L>\ )7+XW,ZZHQI/ MD2G3.YS,*!/B2CB|\- (.7SD)-PI=PN0IK3TRY!Z17''25BT"LN"%)TEDV*V!-_M#E?)D4EGO.TPI%4.&M69N35R>]#)X@P@DR= 99NN4 6BHI)SLBJ)\[%LQ)^ M/2QO=I*]_E)2ULMLNBTGZC:U7 'VPY*#AU* [!R>.,6N.TU*M;#\6PH$>5[;& M)*G3V@]GHICK9UT/)#;XF&J.W6U_;SX8=1;J+)]O6>Q*>FZR[7;M M3D#K=3KG3ACXQ@MH_*L&3#U@4X0^WZ:NBJQ?,EFKEMR*K)\;69M[*HMY)CF8 M\\K7*E2?-1[KI%6P,#R@1E%M8+6-C*(RG?WH+D^)CO^DR&<#]VV&?,S]-!)3 MY+/OU39#/O32P2E0?2CY+]N3>CUMO/8=!8K[L-!;AZ8*G12*#^)?(MOYSEB=%ME(B6*FRBW20_1%!IEFN?S'-TJ.-I.L*&1>27>5#QBVXBQ@R)-0)*42]&I(X'S M>3U5*&J@KUQXS=(KN5L1%!>MV8[*[$C^]\;L'+YK)&,*Q2V?3/"_+&U P,?5 M+>D0SFYJCCR'.8(#L+)<-^]<,3HKG,EWB_@WW]KN0_5/%=70I89+BWJT/D]23 M=UKM[0Y>M DZ&4KU6>3K0TP9P#^#DFVY?=!\9IGFM#%V/!]B6^@+]7VZ6WQ\5SGX*AIX.NGOT1COWW!]?*DUKA_=\6 MEG<3!6@VZ%@K?),.VN/. UV[!/8PX'KA9.^N"H!M:X] {/(L]7I4;OP0?'DG; M_D'NGMEWM>)3?=OU.6-=]?+PR/9/Z+%^[@;^Y;[Nf0.OR.M^\G)6M$W;_@GM MC;Q62/;%\M@:&78^5N!I2VZBE<]7R,LG'"6"SQ=-U(<+H;.H5M]4MN#LL:S M]MB^__KEXQ=VQ=_GG/UQ G\|8)Q\.Y^A_Z/|HA)1OFRQZF(]?50&4!VK'\Y\- -M\6?.29:*0M/Z2[)RM_KLU3N+5,?[ZKK[VD*,!\%B(C%L..?M)&V!$Y);=%4NP M-$ALJ=T!%K@::WP,G),O\Q6^[KG3MNM]>.-OG$;"HP=2_>O7S6EL= M]-K7N_L;9P#X\/;F2Z7G3V$P1O#0\UY:A/V=Y5B.V2XGR%!,7L!Z8_P\Y7#L MOS'M.N?Q7U[]^? +D_;>SBX^G%Y\OSSY??GOU[E($3;)8.X478I'Y;S^SY2A; M>WC1>@&^>D)5'8Y.'O_"V^,6SR:3(PPJP8$725,%/Q_XD\7i3XY^U?6\_|#" MUI1(BSDQV#8=Y9,!-8SK67'G(0>YRl,%9"TMO955LQKL?%*77,.R\8$I\+D)H M(]16\)+*0=='XP'?D*2P[VM6 N$@2FXR6'F2 M_,$6G6/@-(@B+DL7O"\3W-,LE/'*K57AY #3 -/P>OPLUF++G?%(@-`?FP&* MEKTGN(.#'0@P'R>145VSJ]F$Y9GZ3S&J(LY;&:S$DE%%(9GZ56&^!9SR"26 M<2G^ W@M93*B#;\#O(8A2"-X=*G;!?L.X*)GP!L\;*M!(@N++O-B%EY7!=57 M@-B$%\?.>11.9I$,/0]5HE=-&A">65]%W?]=,;H)N3,![T589EB<,E6%\ +P MN0^!E#$;X#6A[:PT\=QK[]AO/LBY*(\'UL$=-9M)!D>Z]23)]W<7HBY^DK @ MF20E[+-$^** 8!*D?,;8,Z^3KW177'(YO8?-(2L![L=9N'%@=TVBNN*|S^=- MRD.W>GX!+0/TH=T""B5MB2X&K]^8Q\;;!A]R(%M1-5'%)B,@> $O4514K'| MQ_/&O40>SS_+MMYY,=>_99EP][&H]?K",)UVVE\!D@K(^M)6>9),)/!;9!A MGl.4"3"#2*IUYV@BXW#.MA\A;>]4.,@2OMPU:U3"H'\U\XQ[?9B69*R\9I8 M+?;%P+AL$"] M3: <+8//';+6=N"BF&V]=R8H+(QBK5 W!ROBT28,;UZ\0C]M7WOV.X+7^K[QU;[T. XUY?(`M\ZZP/M9.EGRWS! 1X5+(DOH>>FT[74]IYI/%@P4*JU-VBED RDS"\NHV;^2A MN*];=B7B6GQ=S,:I$9+EDLY$"."7O'\'LB?L.FTS[3I8B>K&:]-kH7R+ M>P:+(.]ND85"AADJ0 .P@!//9+-B-D5\1)MD(=[S'=[\QCG(05 +O36N-]\9-B MA_RJ?>!!60\? K=*4>C=;#,O"%0]+%=BR1^Y+]-EI[XLD%7U\I(Z4"OX"_0.> M3U&9 &:$)<1A-5ALE;]_>G5L78!WY/*Z9U6T3GB8]*R0BXU)G'H>*,XTH8* M;A0/@]?A)F!If.?=2Q$@Q\%;L600*5,"]{8-J=L:+\QI$]=@&^\&+ M7W"7(<]+-I_-J2^ 5 I4RG4[D"UL'Y'RV-M=+<(I=#O 5Y) ^/?*0,&C:SA K\2;.*1%%A+F73&KJ0G!N0%]5+PC1R&95_Q; M7N? 9I.JZ4@=-?`EY7516_B%&Q0=\0$AU1ZQ'7!N81!CR"PVO? M/"N3KBDGB/!'(@FMLZ6*>9[_KI0N67[%FVY?-25(#IP59)9QA7E0=R18Y@(?7;3)KH#=,A8!24P' MK@\A"M$ C.[ZT,&KK^#M:'H:/HJD(DBTL4K$Q542BJ!EP$QQG4SA5X.(I'H& MYYQ(U2L3]\$LE1(R*88[3VU#NJ'0P&ML6% AV2 .XZ1 FA<>"FQA)HUD8-OY MB[!])'^M6+! [2O6W.J=URW+@4.PF>,2KF^!&C* &3-]H>&2F\>L4=5OQ;[CM MRBR;%)*QQ/N:Y%UQ9]7]$Q=.N;F(<8E:6H?5CZDXA5G1O9R'\ 62A"-^ M U\MEFLY0#/?0$W=6[3&,F$/"^:? L3KP)[$- +B@6^\-UL\[G M-'9QE;-?0H#YC+,T8YKKWV.VI6 M+8VD+OF:]$P2B=]RP R0/-QX+K(9$4EHI#6!YD@@PTL$;/'VI>)H+T<'4#2 MB,4J!T+64-^.M$_XW<8I@; 1Y_]O;;?>=]HA(V%B=-TYK4*X2 -(V1M0$.76 MNT2)4/1<0QU^G[,.=B+@UHYLR+SW1S7.)/E=@9303*\Q;X!4GMC(\T&8K&F M"Z#?I)Y.]MW,\;49L#FN3BA;OE+4S2/1Z;#[[-C5] <,^>K<4+ILF=Y2"G MQ74O-4.4WOCL:XMTW]S*X<1)O1D37+S$-46Z1YVGF^\VH0!H(C04#4&Q%T MN:C=:6 ,"4Y&D91B(.8/T*6]J/ZF@8)@RJ@U'.X]!576BZZ8?/NEH3@_(XX MNT'E#W<$> N%4M9E%8&FI0;*+N@>4!O!E3TKJD(B85(Z#S IOWSX^^G_U?Y3 M^)3^1_J4:H%2"=Y[!8BN??C\1;_+M(;<2K5NU_';]-U8<(":\1Q+|[GE1T0 M)GDXN\$K-D0K11"AB"' Z4RQ;ZAP*+0+BO!(;Q\G'L6']= 71$DK%37RU(G&I M<:]X_K'V<U'4\1?7i&@LE0%&"DX;KFL}>U#+0@M=@=)\VITF 59]H=P+_ -*90XG62&,%&:R]H?0N='9#+\2N\HY;Y1L+6)WTK$8 ME!7M5[9'5/#$!AA&$U8YQ3AG5.*D[V(JFL<(F+8!9'3" 55!G0+ A?_O[+@6H M^\^(_S#W+,6(M<(@PFW_=)=KLD#-"L-R1(E@.^XO/U:D@E4;_H51-J5K:9:35T0A7TM;CWHXZY@%6ZBIBV!(Q M'&+9MB*&+1&#>8#$L.-[2RE9^ZD5W]& V>V#J,Y.G=T!G=WSL#9ZK?`M[?: MQ@V8T2I24*HI M#,R'ELX?P)6TI3TGMPB'8Z3)RW#/-Z#;:=X4O'B BT]G]SN2=?>+`!>\7]M# MANK_]A3[697(U"ES&*U2/UHQ)P%$$-Y^(;8SK&]U_M4$?UZHV^'?\>%/04514 5QDE5)GQ_/7#Q"? &*'#LP MBG+K7V1E[B01=5H73;K-2<>"]4KWQ'\^6:/^^ &9/+*2/>?QA(=ET6L2%_US M5HBR9&SI4-4)XZA(?//@T0/!W13=SCP1G^8\3-IN%>P&&XC*.G-=5GA7%K-V=B*;A.+CG08*LCG?6@B8:\E'C6/O'N!J1;] M757&^J7)=YZ*IJ*=!A%9/$@+3;L9))/Q%B#V2 M$M%EK=/0M#^;$W@BY#P]VGX3-ZR-K5\;!Q%R\7L6MZE M^9>.>1K_Z3"%+!Q:ATQZ34JQ'9MH(+18K8]_1'O/0#0->DU(^.C^:B.D6H M+W2AU*M>0469)R%>)N"!JDDP3H_-L5>SG&..HDCT ;(:PBNI>=;' 4WFG\ MA_QM-0ZYPK0DTF/R* F^78)>N[$OW*]_/3GYHGUL>H'\:;@!.RCMJL3YGK-N M(.ST()YO@-MM! */',N;'OO[\5S>UFG[EBB9S/# FYG"<$E7'7+P_U7KLN;Q MMD7*3866NJ$9*V3? $"FYD#'A64E)7T6'<*&$_+7NKO&-ARCR[G9+ W@[ITE, M\(IL;1%6*4I0%1$MM85<2(7"@]T> MV^<%(@ML?YC=BD9;\#%@=@&M{3=D^[*B;NHCEI>-B,=!Z32@ZK98'$" ;#RW M:C>B=Q"P(K:9;31$H02*LX/-QK.)(\"5LLE=46E!EK)R MG2<0@0 3VYX$/&0ST;Z$W]4)YIAL5 ^0(-'@*E+&)H7L:0:"%19 XZK!3--P M)V!)M%2]0@UKULG\8H@^F>%?5OA'!U;G. M^,W@ .P((V9H=SJBBCYHK9KW!D>PO]47/VHY1G3=86E-7LL 701O $(L"1+ M>;,#5,4>-TM"EC0I).B"V;/L.U^WAV22LV4\R7Y*+-CK8M4=\O;TO9"_[F1] M$L/II:4XURRM59"J*2| ()&DS=';5M$R2?5P.U?@&VXKU48TZD"0P<9D/!Y7 M!8$%R^!!R+D"];NQD1UY*6H9HD.M2V^1%3+ZL9)8R(P,&][+KJG(&(VP"-8P M$VLQT8AT*U%>DE7+TTZ#(=AMDD65S JSR>PFE5UVD:,C#/ZJK!7AHL!^ MQBMQ.MCD9SVD:+O1S\ 1[$M?!HGJQ[GU4]_5YMH]_=1KN^_L8?V_!G0*I[MWBU_]%"KM/AE5/NO39WT_UU+D5;OL_+EN#\.?79>48 ;8QV M0&^Y72]&\]@^3<^*?G:8B/:(G30':0[M:FR\T05WZR!NAEO,/M ;919L1KJE MYC+:,7OI.'0!5' "(XR?<_YQ-]K"/^7/IEW8 1'\5>M(O4)'[?CB/>M.\WTH6#(_UG6/[I7- *G>=#$76OKUM@#\$)0/IP+PE:E[=Q\RHA MQZL5*KXHM%G1,&C-(Y(I&Q;508Z'DUDD>/.;W20LC<@1>IW DI)R7T+/'XM MY'2UZ+]YLQ[PX^T0\]9_X.H$L0\B&RZ ;26#X%*? 3GA'(ZB?0O5%UP2+HUK1 M Z C0DAM@LU*\ 790WZ7L!IF\)?I&\?GC4P@>/I+S$K<*%=JQ=B!UU15.+'8D. M*9XJ+%4PXB?3#*[&GK4!4&=XA;QYM-MMJS5*TFM)/6:DOI+CMI^>;:=K7R:L$K5G(%*GR'R-S/XV(#_F M-1I)0"#ILCM@(*&>W JY D>=%-==*0._|_TWGDVT20(FDU#%0-$N)96@I,9W MMSPK7A9Q4/? #:D9;)9]!Q@$H(6I7.8@IV'H2H4HMWH:O*5;(JD&ADZ9=1U[' M!EZ)810R5WD&$D@FCU674@%6"=H+ M|O?)Q0 EM/86=' ^(E9 SR8%]H)5 M2$.)A'88]+O7++WB**>U,,G#V0W@$C9;B)W"[$)6E+51"?^^ MUF+0>XNYZQVM'[*TK]*,XM_99":/[E$G4-FJ[/,*Y4I:*VG|;*7U)U",T.I> M)9:!FX1ZW? JEEBJZL"K(#10RU3=U(7:D*P;%)Q)*X12J0LD)'TF\,]*$NG- MJW =^7 EFD&4""H"^#C>$[A8RZSR45B,579\]6U]A;B2FAR'AV'-N%ZNM2OD M*F%6E,4(Q$+M!5YAD0^L)O7+=%K0/.D M'.U EM,A#]3ZZ19T&C0O0L6286!!$# TQ!%17K%C/@IOZB)REZN7)4\9)5 MJTI&*D)4Z8V) $LN/JE4)E@PJ4&Y!MD4<'PP%? &&2(BEM-)(V[^"S$GPM[5+ MO 4?@:;IC NBQRU)8Z:Y5=H^UTU:3:SV&K494QON*:#*3:F@6Z_V!"Q7MF@G_M=NT>7HF 6FF2KO?66=HQE%?+Q'OOVY6U) L?+96-%5UKRYAZJ+ [XML\B2B!?UV/E!TAN(:HJJ?1G0_R9&VR=X@E/^A.P]\]>O;-H)0R68;"_ MJRE ?10@$HY8#'L"\36Y97?%$DPMD6"_7>?U"R769<39$/50W3NH"DM7GXG? M7U> [$L530|)X2:"V_7V77#E[O.;&NV M|/5O' 1,OFR5ORV(J];D, OE0"E@Z MWAPE-DL[RPG"+$'1*Y#U\7-Q0?S&M.N?+D_>?SBX^GEY\OCS[?/GM MU3MQI.-LPTM$MB- BJ[#V4!X]9^5&V3Q/MWD: 3T(T/HZSKEPKXD@6]`M6\. (4M3U!5*]D/+40T!1:#Q*D5MH!!O2.DP.VIW?\[RI(B24%[']H$B SB0U M"0Q#<[""..H(VT=%IWI]Y, <29@E\)&](@X=U*2GY3:"7(1[SP9927"|\&.J[@ MX54N]5D.VAD7<YM+]+R)^U5.@(Z%*7*4FOQ0JH<=0[.N*$5.(88[@8>&8_A+BL2+3:)<"79U.0]&6?6O'WE?L-=+TDBYH@ M2)4A4.3/,)0SS@?R1Y3)&>9AAFJZFYFW> 7>IFC7,/_HGPP-D(5NLZ!2>N H.ML6;I\O"X^!E4VA4(;/,Y"MB&I!+7]XAURY$Z&I_\;D/O M70J1A"S!.JDGRQ'>E0@@I\/91'IBD)1:$^\&Z%.ZGV78#>E9Y%85@MP_=O$L M+32PCSI^:L&+_"HI)HI)B=*#U[*IG4Z _[2;Y .\=P&Z=V*.C9(M$BD_U*C:+ MDEJ.-_D_(/18F5>! $'\55;--(_2CNE37H-,G$.*2*81S1>3[[R1@KM,J9&M M'Q'%7SG;"=W4FB\]YEF.8FM1M KF+_)OG&N?,Y E!.5EMR-I?Z,QRRHLS 8OM)7GL6H? 2^Q(92T^UE]TE;6HK,7]6HM,2Z*_O/&O MWT\^7?YY?GER>_|_9R>O9 M-^WD_<7OEIK?3[[^UIFE]O?\VW\=LE8X1$5\K&R:4Y$D'IY9S^D[9J19/@-M:U+L,EW,'QAG2Z-9V,G6!R6NX&@M3N#N_&=6Y_,+=W9Y#0+XZAJ5=]0 ,K-\ MS:MMUBGGV;?-Z:CX/>;Z%$8!:^T"/0G =K>C+:+#G.I:XY4Y)S5:A(E>9;=A6+ ! MINN?'U)/^R] BU#:I=]Y& (BPK91CMIGX];/4S*?FZ9WPJ[3D],9.KJ,1K=7U MKQG8RZ+> (R;5!AVL/T. BL% ;1(4"N8!442)4S826@3X,: _7*OM?\",H$G M;E$9QT]1K%VRY!8^B[+)A.7RXZ]_?R]6'MB_>!= S::8G'R_M 9D9S-,+5H& MW'O,<2ZN 9.SM(VI:BBBI0&!.42P]\6T>_%68F%K0@]5'TS4#/,% MBSJ:]9\%/8]%$XSN>]K*< GT4)2C'4YDLGJ3)#:8Y"FH =D3,U)Z(L.,:SI.J ML!L0,BC-P$N5^HQ$G02?+&P5-+1+D:]<2L+$H# G9%'6,8 ^UOV2U*,:3S MHDT=$-GYD]X.68N8K,HK8!*@15]JJS-51=,F7>NDJPJ"X*7HIP,&4GU [M? 4.UA$"E $=XK(2=@_XXH=^C]RC30!%,O@MY(2)\ MN? 1"G(L6N5U]4>@]JKI*H>R'2D7)UH5\4&NYF^S;;;A%C$1O<1--< &E25 M@)(SD20B$T?8BM,?1M@]H#14CE5#M3R0. (HRD7HVB"'AN=.**9?NBN^\X^>4 M#1#*/Y=FPMF1BXNARHJ3B3!YQC -.9&$5])TGG5@3OE]N^]E$;!)@04@WZMDG+1RS4QF0K5FZ=WBX@W_ MWPYW& R >;T+VR_%?Q,7#L7 M89FA(]PBN]@@JW?&HQ478O>R6'E%GEXGXCE8&_@D2/3!FU%?O-Z&?*H4(8PK M?>]J.UFR#P:FQD_W$XF@'Z"P]&KZ8:X(3B9PK+ M#S@7Q?A'POV'V1#PHM<,,;8&M@Y&UD3>[%6A557%)S+$X+QRF1H&+_"/K?KI MEF'%_=<@8/#<+:F=-.]*TD72$9&/6]_#NUGDB"'"M@0U8A3IPLRJZ4[U(5E:T M1%XX7! 7WI,'=.5O)C4H-6'8K$IW"TB/IZ M:#C(\ES4]8'@L?]# XEEI[71](LS!>%G6QK51)ZU=-A/"=<7/M=(Z84$F M>19#F]><13)EM%>6)#Y\'2/#$@3,U4_@+]FCF+*J,$& (JGO7':=4BSBA!4I2 MT<3=1E]1<#^F>K0UW1Q398>#`#0^[0'#5G "!JZE_B[T'Y8BB0XDN,Y>(N9*(R/9PA.#0%[(75@9@@=L?3 MOAM@:N.3N2CX:=\//]] M\QGT_,23]NWR!!Y&_ O7^[??OWSY)\X^^?]_VH>3RY,J4M-\H_T"/ ^/#T1] M>FC]ZP6]7\DWP_E_N_AT#FN=?>BM\H08D.3GS86#*OD0HN(]+>"9^E]K1XIJ MGFTH:S'V:-UST(8(9'': MTH^P+$15[M]AW;H*43P<9AINL[0L2)A[]D"P(/#(3:UBS4G;&R)O"NV<-1 M;V]W=-@Z\$G?^\[MT$%:S496W%.2U)HFYOSZ]F7BZ^7%Q^1=[^_M_? 7]VR6VZ1!Y.W")GJ=MO3]-S.2OLP"N+2[^4D?$U"L'_:)EI2@^/\'MNX$=7&.S$\3S3Y^^:#V%<,W.F6.'PM!"^V 00 O7E39?N$OBSY?"]B,OV7CX.'N_K*HIG[/9M@S./;_M-==E.6>P'13_G7;<6'}:^4=;^%,A09-8]VNEN"9'-M1&Q8>^XKM=\]T#N*M+ ME-!;AVH6G_?I5?O6RXF512D;%_EUU]+'4QLU%+6-FMINICF_YFF1?.>2B#YE M1;&2UGK?J2A/>X-?>]L;,@!]B2**D=,E5VY=R;2TE82!QDC,+/5&0V8C(I M9<7U1^P4M5K<84,I\=@8*GS?3;F7>_+XXI/B5;6 !UB'-(=C$,NQ56#!^41R?\.O'&@8CB M *;7Q2.'@H_-9A? IJPD/$4<9'O]9?!'1Q.%XGO3C?/EZ$2<3WI+M5UI[B?X M]T^6]]-//QT=O=-V:D;2%,)Y_5+CYI MG:?!YK]K\Z]_7TZ\6]L=+\MCYZL/ M,MM#U!+%!SH6U,? WK=M(P4M95"$&8&/O!LSXK-6WV0#"B\D06 &#!?)7NC#78-W!B;ZPO2S!H/*7%L)?.G1B,B^YEP>,Q23U M"(]3^>)],L?,)>G7XAV8CZOW\LKKOF<]D/I5Y75]5-CS;M2? RN(H"6*GPRR6 M"G!.]]HK#D#88U8WRYO<,=D00\- 552495U1=0UA*I3#-QB_E^"T"1#Y,W>(C MJ]OC5D@9RKVI,22*FKJS8#));C);?+'XODJ+UF*6Y}. 144&#OH]FC3FHX#_Y(9CBN3O,/D6BX0]YI5' M#=O-J_E&N'TA@4M NFA^7R&X"L_6)]P)TUY@MBG*MTI"O^FAXZTFHYUO]2Z% M(*T2]!=''IB^GG? Z"HDXIFXC\V,'N0\O*+YH.2SC2!,FV[0NMEA3%3-9[5M#?8]!:J&_?IBA41$?,17[% MT]HW3X.Q2]#)(]#*$Y,>*0K!@769:M,&0 ND##WEOC!#QZEWQ\]B;A>@%JLW(9- ^;IND5TZ:2TSM" M,,9$C+Q-U6BDA,QC$.U_\F8^2B2G#F'G^":/0WRCND7]RME:F"R10**B),.1 MJ.DN>#C+1;78VP!W;),.'JWV;^1VJ*KZ>-2AB_7O!X$N[5)T06[_6\^2$D5%MUST4)+S MU*KA-><4+2G1"BB0)0YUWG]B,<5E{(+5[<7^%+NBW,I]1L]'L^X?J3M)Q[- M1/T'J%H@9+#G70X 59W&:B144?T5U%Q6>E_BCNA1MVD*E2K*R>&BH.Z*&6R=6 -0#638:XL=%@ 1 MFQ55.:3AZ6BB'7-=+5X==:>ZIK^4N!>9*CMS/=:<49SP98V666:C0D8+ E M88E'<'8'ADY7<'OVUV\{B$\SY=VPVD\(;"U=L;7"2AO!)1B5,LL%6-+<#@ M& QB4D'];[Q14%64^=9S?X\JBP%^:X5-%!),U&JU5DIRSMV9^\J[#U677]R ME;#1*.6] ^]]0!Y65J&4++)*

{'O)26+J//),DTQ-K 2,]6+A\4AO/V-^;;N=%BU-MIFLKQN$>!,,SO1(RH&I\F6!9F1C2,-<)4=:\MIN2+-,J\$,'4FA1!E!C61>; MR/)[4:>%"G'+VI]9E@\ENP/+#C#L[R\SL34&-A7-5 +7]TCWW?@JGA\F$H$ M8>@5SPK+ M2,*1,5DW/0#+\ .3H=DE>+9Y75;3'+^FC')P"&W-US0J&>M5=; M3J=-4PFA&)S.BC(#T[>H?,\5'1BX^ZK;G\SA)<8JYAHY7I9(1K#A"J"2:3E" M Z71M)O&$T4SC$Y6;,)[JK%61_54O:]B>SC(?RP0N (#P(R<7&=3*=8!5Q- M<>F005B3@?AE0 C78C!+]J,@SR64$VM%G%(RJ0:MUOYP83C+HDJ3U"W>T3O MB@5@AZ7LFO+*QW1B-RK9Y44+)AMY8&%.:94<E4=4];&J#VKY3 W^@=-A4O1\K69UNWNW!]+ M49-3;?3BP+]MI*RLK%4{T5ND5DU-ZLF1U?IR;"327.US;8DVO LGO)T-.??; MBAB$G:()BZ,N$>Z=2&-.+O)K9]4:ZF/MRRPO9BRM3=SNSO4:1QT=H4)4U.'" MQK!MJ[\'CW?!MXK:R&M^CNVZC<6+,ET[Y?#ET!2]=H3K ,Z72KY6:"SQ9Z_B MTM<-D#2E>M" <<\#E"-[[SEMKI'-W%C3.F2TVPWZ-A*FT4Z9= S'#BZ\]2UG] M-_VQBVVG%#04R\]&Y7&,#DS1&]ICBHH7M*[WGHU<65ZU5ZR6WJ*\D#"7ZRTW M;+=PCA4;R_&LDOU%"&=!RB\.SEO>]M(HR5LD:]CL/ZR=_ W!$R:%!/^0=L MXR2**]r=R)<'$$P^-MC#[__O_6WR!(%L0BU*7!G2H[W)@<:[T*6[N5'/\X+] M210F;^I.[HNEU-4);SR8POJ-I9K9[K]LD//ZC2:,_$Y^-E6P.3^VER4T/.]$C M=)Z@B9MTEO98&5=RBD'A<6S9T!TFW@KPOD{JB4C'S[K4O+)#VML6D M%>*FWZBEMB]$PR5SS5%S$A=5&,Y@BW=+A&{3L;^*977'?<^!)M55Q/;A(>6F MU9(>U#OH27A>/MI@@TAM\"BI20Q>;^AWV/JHPG[8=,/COKV^*\3!9$'!\^]L MH#_,X1!=P2>R12[#]FE3F>FVTJY],DLX5X7B9ZNT20'2&!PDL_6 MT$F/!06$NL[QQE!Z(4(BE<,;(\H]@U5C]+DA^_S<<=N!$M.K"TY>$E8OL7S-T MP(A^EYU!UTT$I4K>;7 I3? 7'F.C;H]MM(_JLTDZC(9E8VQ?MO->N&M!U0#\?U*-6_P08(_GA=",WV\XGF;7-[-%9H69.>*2E[86BWCRB]#LL_PS?/!*ILO!K@(>_M^(2CR6V\"K1>QI3F$/.T"#%(F:%)H9%7KU; MVI?AMVI]lL*Q(_-X&,NY#Q*=,LG-'&3RVPM#T3,!"3*\/B&)?9/SP(",'3] M-9#Q/@-QG.I@8Q4%W#M@[9?HR)Y#Q-XHI,XO:O**]FBSMGEH]:O(<=U#C,CD-M>8&? STV^Z=O[Y]'@>;:?TF*_N#LU_XTOVAU-NDHH+N[^?Z MFT@#WWWSGE_L:Z^UHT_,>SS="3\MF!6A]F+GT].TT8B4!25USM+;=?L ;G>N MTWHDKPV*K3 NR]Y(IT9N_6EY$<&E&L#7{!Q?W\U->6]<\#Y2IY,1UX-M?>XVAQCKC-==4]4W>GF5GYHT*>-4N&Y^Y&8;N&CK:XLSB&HS*5 M7A\82'6XVY,:,%>)Z>SJ@52SR(0/H5L,+I?\"*6#T+%N?[4[SVP]1MO3?I=SZ/N;_? 3[Y].[NW]>VCAM3W(XE M\TM&VLOBR%?OY!3,RIU<_*+X4/A*)"V)3ZL+5#7^6G0]W9Z>G;V\>-FV96X MQ[Z]29;%RO&FAA_3WP !G6SSQS/O8KNDY:=:6?*KT;@! GX H3TKTM>3K0V:K>OS^B_5<1K(]Y->A1AK!FQ=$58]-?D)!/T@C_<]92\4EYRO(< MFV_\#X[GZP2W0A; [EL8D%S^Y57RH_PEG=T<15EY5#W[ZIWM>5KU M]#H05F[HEX;'6@2^4M4M*'07F$V4J8)L.+\F9_NE!O M%WN2;YN&X5%"9CD0[IE>':8EG.5Y>Y0=)G=LSXULTPA<@U/7H("*$#!++%C M.$&T50V FCKQZ "/[X"EA_EV>|2F*'XD%&]1:E!*B ?Z+77L@'G,CTADN';S M26R0K5YKQ-1],J3R'@3%*Q?"4M7KI^[MSWG(0;<*L/T #NG&LCE,3!=I$SA+ M_+X0S&KB/JG?]3'+/V2SH(QGDWKMK\W2E0^R0_7$Y Y8=887Q!'E3A@ L=N> M35T/-#LOX%N5\T0GIC-]"+.A14@#WXCI"C_-6I 8!BXWW)A:GN70&*Y./PH\ MRGP:V-PB9KQ=T:$;OO[$)&XEMO5Z6Q4\IF'HGF4\5RM2\:GBTTWQ*6C%$2T&56[%@FM5WB@7U"',MA+@_,R!JPPS<9>W)T>S3R M9E27OV*5\;&*;]I@===* >!:GEA$'=D@-N)Q=BQHV)\:6(S&ZU@'S2I,N'!O MDBB:\+!K;C"-=2O^+*^ZG[=Z;U^(!@!A+YUM3XZ#AV)V;U;*?3GQX[1C-@;U M?]6G(-@30:<#?@C#]6W39U!LFC2T2> 2TZ)N% (0&I4SB;%"2=L(8\H/N0!DIG&J)TH4*%'P5%%@'I"PA"'_P0I>AEA\"C?-V/7-R.$!)=N- *]>;MEC M4:=V(PH.S?UA;]XB"V?6E3AG9P1:E+++LJBB0ELFB*#9#WP$1Y((VPF.? Q=SV M',?P_,#G43C@=MV@6N);1#>)3PW(=0CAU(NY'=A3" MO\W(\ .'65N]N%W/UJD]EECB:&_BE0X/%<0/Z28Z=NG(.,_OD7 LHIS*Z6HI+Y7!\^)TN)HHOB!)G*3164T0_=!6P$!) M8Q%WB4=I.$6.A"0RO3AP'9LR-I!2N4'QZ6V:MHJ#*OXYR!YAS.#,,NQ72L$ MLR@T_- TXR!TB14RDU%SN^:0X>LF'2K>.1S>>+QIA'1D&E373 N; M]|KV6|&0-^9Y+F8CA-D-UTKV PBJVX+W07@=@'13ZNX0^$]AX'M ?8)ZMP-(M-Z4*F48(Y5I_EI6_*CX<9X?:Z'N^Z;J$$,=W MHH$JB4Y&)(EN^D-:\!BI9+SV^7#[S;$:.[3*[:W1976)UP!8JJR'?HOQL61F MK ??;'(P/F=IN!#-L5S/-WP[=)B@';A^%$=QN-W(*S%TKR +2.1&CB9)THFX6)9KWS>,0NMBV[]M;7 M[7!4MDZ"3=>5[!C$OXAF-QCP:@&74)C$/K*/A*/

98B[`M;M)Y7M; &{/M:>FWBW(|/%R'6&P?6>S;!]V'R3@/9K^,I]/E 8G O'=2V6; M@^#2(=AR3'$K/22FP|T=N+>2=M%%OR !BX#U#6!)EX5(5BH76#$_K4?'$CA, M+|;D-#X56.O/,B"0$V;ZPFH!'0N@\TDU-4R$W1$"-HS*B$S"*F%71%4UK1. VS/ 08B6]^0-DQ9X M--8XEQD3V@CCRCGW5,!M/E"H61\4Z8^$MCU 6S(^EW^4#4J!\Z*8;%D+6\ZZ MY#.3;QST=T]LW?4%="4VUN4 V&9&W)L?Q*TA|XMK;^+-1KGIA6O#|FLOE0YW M4GD1>0HOL69^1U$[2KLA=M[^T?V795@A\Y;IO2QP5[3F,]N7@W9H,1B#*(-R MT4I\LO? U^<8.'=*$J\|+#VI&8L "9Z'<@]"R,H$U(O1,Z<&&,Y6!TQJP*S W_/(DEM]).AOL8X*F&<,$X807T5;-]XP *N"<. C M.(&1R\2$C"%HO2%&<@GW0SI5R?"?, <9,&F&>I[\FV3W-FVW(D6K,Q9(10M(WKNN,6@E&7<`M2*W"_2&^;034'R9J).\;]2Q:'9&D(4GS["2-%UPX690<(QVH:)Q+3@NCF74B MW]'):+5D@@=]}HIU*)-[K^7%=I(;.IW!,. #WAM,I^ ^:|\X/$_W MXI#'Q)7T5LD@0#.)*6;!07(F-#+SY\K1#?6\YUUI3D0P)!BN 88"$P1 'LH! M"(Y'ZPP+FBG%+19SHH.EVK<;PO>%)502*%1*@UWS!14Z@ %GHV[%J4R6/YT M<(E*"~!4$@HW#P*60J;6Z.U!]V!E=%SHPR0=K(GIP9|/RC3*@(!,0U #$R M&I.3C#&=@ ?F7#8^HTPI>P7^R3X;*A G8!(5P-FZ* QJ) L0] V(3]FT%B,8 M'I-,K7VF=U(3E@0+#\Y3+/)R)D*0WCF=P6EG0U+'*J.E-A9DZ^C0#9290U^X M_?;&;"<.NZ|%Y@T?'OC*B$V!~04G]M*7^O,. ^C=34LQ^)<50:3FQ\S-BYV\? MZX? OO\ZGLZKD3D_&=P1$&K'J;QJO'VORR{0PY]UM6@(1LC DQ&9 M>U FHS+ F0H:>&99M(!=[5BD5_2#R]7/H!PP0L/(H(&B,I)|"88)K'\|L63.V]_^@XB0@2 M$<|:1"#DA#$9PZR"Z*P+"6UV+C"M,W-/-SE>7-R>1 ;)C&KT\|KL>3+-^7*BW?'ST!HOS@ZK0GV&N%@VM)A;;,(M] M^T!MUU6+75L]8^GG(H\^G?OI(YP|G6N[-; <01R%Y;-2!)4#]DIHR&CL58X M%C$Z"""#ZDB==1>U; (B-7&.28I.6(;ABV3;CL9556)D0$+,/O8/R=0$F@ M?,.@++;C92"MST1+ECD6D$"K@#U)9HGNYN>>9";T$AH7",.#6BO PAGK 3K MO75>"\DI"'6\LDIN>_#\0H$2 +D&@';0@%B8HK0+!"^5\!T5RI|@?)@B@\;"@0T29)\>0DSG1?>*0T:HM%1,YOG;;8/0Y%YDQ27)Q-DD6R*J(&; 38HU#X$ M9AK=1R',Q,H"% M!"%IC\HQ95T$KGS*3[8TGF\!-\,X\O#$$[I)@TMH()@*B"2IYZ;@6F-V3 M7>\O(SI-4">H=Q_J==9Y5A!!>;# +'AF@^<8I7,\WN^5>-DQ;\ (X87P'5@=&AD&YKP7V0!+UB&33F>?5&&]?L!P3K("L*4% M,"E]X@QC++*J#/1M/Q_CEM8E^3M/H9CSWK+8#:)F4+@DE=0@LD)4WIJ^&D4)';I PP?7_OT(UGQDR; MC3S8(^? XBF)FF_$L@CY!/R:ALI !@DQ@M;2<>Z:!\8 N:O9DK>+E):X0\ GX M>P!\;BQ3B))Q8P"=#XOI9Z)2Z0E@GK.\%UH4V1F.R6D4$X:VU MDJ/*1<9/QIYQ+AEM;4Q:2X]2YO_0ERG2;?"4C9W}]) M)8DEB26))?>*?,22Q)(=(Q^Q)+%DQ\A'+$DLV3'R$4L22W:,?,22Q)(=(\;.M6'(IKM,.E]G-+_R>*E=4\@IC6>T,?5VEJUL>A;_5"EX;,T7]YL'"(]#;.S3 M!"=YOU=]#_]6#^P7K.SV?3&8Y]=&-Y*G26Z+64$%*HM4Z$1G!1.!!!",];6HG2'57..]8WK2HHIZ*XA*]=XJOR^6F1T6DR747:A_&D?N!P-I^)C7Z83L;MF0]+H$Q:H@A>,><5B!!0H+*'"RV42IFWT%ON ML.I,=V: <.R&2$+DA1(K;MLO9'!,ZR%E:&S KAYEY)5'FU1"YA.*M>-Y9"#:NG0N^N.)Y"JKR40- F;SQN:BG' M.M++2PTI6.<39R:,;$'@LQF9+$SP:3$N0?%F0O*<4>.V8M-%98Y/T 00$QC%8 M8P/;33/3CD]%2441L=%>W+'&"R$X)GIP7 M_5+D+FK/6@9LX3,6PK_.C(<5I*^TEVI\J4SG"Z*8M721ES$RO")`U>H!* MY0K6B%FWC)I:8YM9WF=:|)GDM2.@? 2W1Z6X(^M7K]VG6&S1*&PW,H'[:]_/+ MP1YVF>Y*0A2Q<^?8^=O'^8?).]FOXRGT^4>\"(HGR1JY17H'#!&%17/TAK(MQIJV(_FBCE;2P%<",8%X]R!F8)G!) -3";AS6"&="H"3CD+,EE:=CP,QC74E M0!.@MPCHH,$]@Y!M$%N!B](-9/+]$#)AEN37^']A ,]0QIE#]LGH"-8&:0+T, MZL0-#]D60*,!|] Y+H3P*3@5LK;M.9*/ ?7S#R\3F G,'0&S]5D59M00S)-M>%=@K6+T0L?G6A-WG]4ROWBFDP2N G<'0$WUU]C3RF8I,')-EE'>V4SMX%K MX*UQL> >_,AD9=]#EV)=!&R"=D=03;F8&/YETEO(&IAHV.&J<2%31:AI47L M#62OR49VKD.)U&O'YW:"U(^*1*^GQOEZ/-O=BF.[>1US5=C*'9G M8>`"[W_RDQ]O+)[2WYY?=LV.HLN=.E.)Q3;*8M|\^ N^R'.NA^#[-CO,)?EF> M^)9%S+5(,/L,.GJ$!*FHP3KX<@R"IE@P08X@MU;(26-!>Z^9" C(I7, ^]^Q$ MMN4'SI_N1GH1D5N"'\%O)?@9#]*C2<99"=9E!|J5.#])$(6+6.3=Q9G)=P1 M[IX-[AS6R9_96^,C:"N=,3E&IB0S6.OA*11*T"/H;09ZP(2)6G*?.(!@/F=@ MT7@I34#-6]NG=2=P>;N.MF\Z,Q^3,/ER,'E/!?LC01E W#2;4%W[-LZ)W-L31 MM"LQ24K">$Y)& (T!_JFAN,'~>3VKC@#09C..<&9I_W~T+H*OK\?%9$)=9O6/:. M)R%\-[EJZI"\Y[G7BP9B8M=?H\|Y2[EM|"S6NBN=)0G_|/^]PS_(2L3C0/4NO;S3-9]*8QQ((7HA;6(4 MA"?$$^*?$^*+(@>RYJ/63&L KX8(W(=N,GDL?^>),339]_^)] 3Z#?,]#7-%<) M"CQG -DB9N9 !RTD6I?EDT%/%=,D!$@(=%P(H]),.'(A|B%%U?1HF!*41@W#I, MU($GY]NOO;*; <$^X)]P__?/C-74$##0FB-E[%ON8L_$Y!QL>4,>R)C^=D<\5 MPUO*?CC#6/N_\P_6BZ>?=F#O(<#7WFS*^E)_WE6C\%8Z[DPHCB"\]9^]MZP&'\K_/IK&K@-MTY/Q';&U1NCZF_K QY!O-BVL^BE-?AN$-%<@J8P_G74?$NC2RQ'IKS2)A=[MF1.QM!'D3/OG# VA21D4,:;N0"=-%${#%|8N+%B(DZ%E!899C@ -8+CQBT0P<& MRD_XY!D&6T@@L/WR69(=)#M(=FQ7=D3/5 2#CA45(^7@O6)!6L.C I7SDTC*S(R]EBA$2!DH$,T15-PT!,7&< Q9X\E>'YIRV0N"!Q\6+$ M!19% GF*.44)X ,Z(XJ:P1*+2J0A1Q"PK4X2S]27 MN:4$BV\E TW&OW4<,66067N1HE-2.B8L M8&[H,;?#/KF;]^4>S0]@X1TO!%^5ST^+C$Z3Z1P.[T9A>%Z1]F$\]1\XG,TF M W\^0S],)^/V1(EEK9<*%9BLDK0 _>!%'S"BE99G((&P\'EP]M%;S;M2(D^(`M)$1N'|%'L6"R=\(K"\%8*PU:P[3G"B7%%1&YA3HQQ42?T9E)"'WV"(\>,1AUP]ET"+14;K5E"B- %FXW3,3'G.C'M MJ;^[J3!ZV Q);_M&PM[=M;/1$,DGZ.(V+I"C4)Q%Z26$EQ@%G5@'NL(;(%857"VW^;K=N+,#R[1>9]FO4&C)5&&QC/-T#C8_^0.XL9GPXW?/K$^ M3.9Y,*M3R)? [7R'R@!C %Q6(Y!N6\##]T-*F0ES6CT)D6FX3!73,Y M87!U#![J9P8O(50 !44@L>EB2'G@L6,S!/Q6#ZX]+$AX)C\\]7CU&&R+-0/B0# M#IC3F(3-LOQ83LNV\72/P^,FHY!X!@8L M!Y>"]):7_S(&[H(CX,!Y';#CX3%73,I87%U+";EK0$;30@(3"F7';(;1+,Y M'_Z>?#[NMK$A87/7S$_8?!V;C$>AN4=I$H<^]:DG,=@<_,!M/R7]95<(F 3.9P5,[!1+&;7 R$%'9AKE:3N[%;!J9O7=%;MIA>6U9N+@*&?_'CCVW>4 /1[*=() M,;'K$&!GCQ_BD'LYY-NGQ5TF3CT_WJ?9<3{!++\O.21<0P;OF#N]] 3 ME#8,F>/:6W#9.TA!NL!$-LXDTS+T:&?!,((-P;8KL)$^H57"&(_"8@B8K,N* M.9<9H'NZFO;LXE6G$'$+.HEN*]E(' T8:4"(@|SYIGAT#%V)[MY3N1)=N.=Q$ M'[@B2!&D=@@I;XU%%M_"SY X+$QRQD:5,,K(8\N [*X%A72? MQ:$:$HH(1"M" MD68Y.P@VHD 0NF8&<@!,"""N2C/+^@VE=XY44M)5IH044MA.D>7"%UA/C_-. MC+W!=']>8MG"UFK(:D.L;8 +VTBF4L)IWV";,*:'-FJNPU9 BP!MKN ?4A3!541 MRY,#4Q95*")#J1 UB4ULJ0?>I(D/!AI9-XGT-,$!]]@O+WA.)GBN(-@EA% M9GG421M9BX28|SPZ|(FA9)E'2;%*.G8)L!T"+& J1VYV(2] DF5'-%K+;@+ MEC\JUO/LHJ2$6++LCC$K=- B&;#,Z8+!FN;@9*W+52]BX;S;\5G",&&8,.PA M,B-DS,XHB)|D9P/":/Q!B1[,H,7'A FV!)L]P2VF_12.<@*HTC:IP 8T#&I MBIDKO&6"86IM\|U:"/K!GB9I]AR.-SQ-VXE0/S .? 9LRU\/0FYY;N0AQ'_C* MDTVAX@53]M*7^G.BLL2.IKY062)QR%.2HP[C?YU/9U7#FYZ,[XA>-,+!WSRO M/M84F&GABT]#\ML@I/D!]S&%\;^CYEN:LVXY6IK+4:0"MY @C:VJ*2&LYP9 M%,.2/;FW$Y4T$MH(9<%Q!H$9[:PO 4P4OO@6 +K%4B;1'JZ_V;S4Q"Y[%NW MHQ8QA5'"X),Q6)L7,L\=%Q!L $9#V'"%DX'G@].9LVR=]Q\U+,>>]:*M/Q!+W>55X]M./!0.O=]2!\]ZJZ)@ BN-S/TP;6>9:QA!;!.0A>(4(TP6*Y.6*&"V%\5OYVN':7_35YW^VJ M$7 .;?^^1]O LX/C'O4=B1<11$? 9I,IT#Y]TH#,_K3GT83^H'#F>SR<".?S[#< MZF3P;#D'GAAPS1,8 MIJV)K@Z=43+KK&S+N)DMU[3=/HP=[UM&(^80$X@O>NFB\PF8%2EHX#)9*RRH MUB;,:O[4^6@B S);_HBU*=1(T62V M&K0W/A)+1*M>W;D>C4.F8)BAW#\H.=_7/_G)CXM?QY'BRY?N?JBUA+I?O?Z4 M4@1#[:6)HZ^%_N4Y9^5#LW'=[*;/HN!7O3P8X2@,<%%@6M!#Z:0*V3^<'+ [YY>WQST?'[T_>OC_Y],KU214G-2WE MJ,KG@LR??L2;Y%F&Z@-DS(3-YA0|^%OQRMK[>5B.BK)OJ82M%YK? M:]RCV:KK%W9"A^NL^>KUGP:CWNQT?#[%49Q^_R!)7T_EAA- #&M9C,93CY/^\ MJA9 -^7UQP.Y_G\,TY%GS_E<;/A%ZK_?B@KUW2(NY3-EOO M\EB5^^I^[-O/=&]ZY0.S^#:/VW^6HZ'W=A137#W'KF4;]Y+MB9RMBJ0V\K* MO)LK5^>7+?.G>" !LN90>HL_=[FN>6J[/@*&V/5ELJLD=B5VW1V%>O)KAM0 M1Q9%(D^H^W"WJC[<&D?+-!9;KA9:+T_&GWOCLS3!6?6(53_D:X9($W_O;=- MO&/O- @'H2^(_738]PKVZ7>E(=".Z[5R\??@=;-'Q[7EM7I>#[-.L-FM2)C1U<:M;QD7N%W&>MB2[MS2+>W-']=Q^GPCG.EV_/S?#H=^F(SS8/;+>#I=*FFBY1]U M%R*8#,Y9|!9KF:VS$I+E]T_T7E-PT\J^!=L2VMR)J-+(ZM>K[^%ZGPZFXQ_&\04>_[K%KQ/TU[V)%\W:13_9N" M;6<'2J=.7-IVVG;;]DYL^_-R77*[QO/VK^FLG+ C9.#T>QAY|K'OS-4S>O>'Z[[9-3L"8=MC64.+#\4/\4U.%,8]' M2XRX;(4$YG/R^?PCH>]PP-_H@Y7,U0@BX!-QU OH%F_6R&US;/'^=TE1QPV#+&L5\@,R*5)SBNH60!)8&! M%=%DC(-M&032=#$DT2G-@3#450PIP[A3B$$Y!]E%5_1SDR&CQ)R=2EO2S:4F M#!&&]A1#D?%D- %HK4('ST4KN0D2ED7$I6$NWO8VHR,*U&\C^8(A\|7>W';ES M#PZ;D?;]L#33?O?:,?D$]MTGT/#6F\|:1TN@:@"3LCY+E4%K7C62R+,WT4,4LJ4G MV68\|?WR64{](960>A=2I;$\"V MM&?]KRFGR:38"Q8>IL_@ED3?].7HQ|FE/?L$(\O;?)_CE[9BZ%L/# 0BS?&'>:&*/L%:TOQ75?0?UCF<]Z7=`Y?&IK?Y>PQ@?=N M\|+*$(:H"4Y$L2(O(!%,VH/3@DW!K3+)Y&'B=:,)O(0] EZ#X7Z*X+N;$8 "8& M5T[>BMS@G4^2(8O2RF*XM_C7-F(*6+8_9^V.M/\C!T+HU_*NP6B14M/O M#0?H!\.F2][?I/6/ZT'8#A3,D>/CZ8Z/SI&)?&O$8L1BG:4=L=A+]SL*L\Z, MWA *^6,36L"?!K_5CO6[URO(^MFVXZ*8/75:,/IKFO_];G3!&!\0^6+9>^$Q M&RY=\!E H?<"53:(5?E?]*BWE&,@^@JZ&+@DMP4!=SMNBT?B%AB8"E')M8&@ M$VH9 9@T4'[P/FI;ZPA])O3>)@RB9\+J-9[&NK$=0XR!HP(01K'LZX)=\]8 MVH%/;LDC]'A?=++2O9O'X3-R0*I5{G@W^]W<9SP9=`"_ 8+^,SF|;IZTI3DL< MMB1%N?J*E*4_3V-+.T,G$CDW(U>W=+ MVK]T?=O:.|[Z37/(PT.U(OFUM@0ZZQ':ZUA3EMMF0%I;&R!R3H4S#SX MDN+!_Z3)^-7K@*WT%QO9R0!.5HKK6M)%_'Y?'&E5&*VIJ*\-? NM$X?U>Y2AU-M,Y5KTU&0=]EW-D1_3>1=<<B[2P:[UTFKH//>V8P!8C!H'9Z:"VY1\6 M?2&>Q4P9RKTDP&X4L,8R+:)6VH0.W"6'UJ;$,V@6R^5M5:6+OA)=S DCP!)@ M.P,8Y)1!?P[+H(N5K3U]%65U3#&5"S]WY9;N:|[%'#!*/5]KZOE@-,/1KP,__M3#13C9+=+B)G[RZYXM:D&IE5]%$9X"'*#+0)*(?J0ZS38#%)MJR>6[:+VW\WT M-H+L"X>6\BVUF"+,$V0YB5F=F(AJK MI02(7]&-0]H"U83,YB2M5'1+NF@#=:.SVXA9[+'I\%"B-:(;Z^FVY MJ^%M/XY/%GVBO,I[Z$:!N MF4:7!R,X% MUB=> <<%Q_FOA@:;1X=E@AL-?$D!3L2\+Q_]Y94=EEE9('4$DE2&C<&\|@*#-MUKXE)FV!X#N:\$[Z)WLIK>1X$OP?12=B,R%#E!D?@![JL#?10/>.F$3PPT5 MG=P.+]@^R"Z6]1%^:;]+Q8_HC$D'#S9&D%P[%V6K./!=-MO3TVTB=`JSX M(_QV]%7 -/G8&%N-:::,#8I;\^:^5&@[_VKU$W"_3MYL>@DT#[\$U=T78+GCM M.|^- /W\>CSY5+EL>IPT\R*8NIA>'3.VZP9%'M'9.Y;.K"LPI#]>CDNN?,(MK!T$*^,:(@+++G$P3"-J%YL!>DH7 +?,\GH)M?,$5@+KEGN:/0BMB6'6(3#& MI ",J9RH3FEE@O2@C)+;.FIV7'J?[|LYLU+R8E?MEZ-R93+PYXV5/A\S6%BK M.O-D/!S6S(U!X>M)FJZKSS(E3ZT]>>H1TZ$&H_%D./OZZ10GZ70\C&ERK5.R MYAYMXCQY- #9H;8YVSIZ 8W.+2G[R>":9 M46@8H.32M7#_-C1RXG[B_FUPO\HZ*PFRJ'(;? ;'7%A7#%-KP)?S8%L.+O2= M:RLLW LN^GT M'$,F_RC M@..S6U%,B'5*F2_Z@H$0F&/5>V<-)L8MM$4Q>Y$Q/N.MXW=WCN'/GQ"/"= M!KS5WD;,GW4TB[>0$H"%9%A?P[%X

N5X0UMH2Y GH7JT 7-[CG_S'M!SY M;Z>S04T!F2YY)+,QS!LN#+/%"(O6><;!<@;EBK9I'1Y)+865&,4"0 Y1VXC M<|9@%C$Q911;X?;=,M4W[I*4*_F^)7S+_KV?*
(BN0L2,NR94.T$O,,,R'I'P^GT M_',3I+JL,'/]^[Q28$"JI^QS*];O^]##G9?+KW=<,5K_=JX429#?C"3{((4CB;V!]=[*E>()\IOQA/NW8X4]?
+CWJD5#%U@_&;6S?]G[UV;W+,Q=>'Q^14\/GO.L:O4'5[M6Y*=*L>Q9[M.$ONUG9EZ/TV!-C-L5K4)BFW^_SZ@X4++Q)%2M"EV8Y2,TEW M2R"!A86%=7U6G12C$US+ME-
*IX"SSNV-FIL;'%*5A=.4D4]C@37N$.G5N.N4 MW-9Y1;UQ%S]^+[-RBJ7!;SLZY)K? P\,:*6=R&[@O-5V3,#> 2>9:R2+=*PE MX)3!9,X
97]6/UT10>;^ZUQC425P!UDRPKWY!6=S82+PQ\(7^2R%P_I!O.2. M6T37%OC1.+E$4CJI5GRNVKUTAQ\LFJ50.9T6^9U5KLAML]1N\;%.P9=Y/_T] M8-4Y!1*H''1NR1'-C)
(Q>S5LNFC-NN=Y#]<[VO M3#A4,!A%Z;SX+W]VK0WXO(G!RAS "4;!1F2/6+]O\H+/-[:\ P)N [!RCZ1X%)0D;N;328TSU:)P/B3C>)"!GY$)%W M" F]1_,^#:7/3[). =]?(?TO-KHL8%1X-
%YR9+.,$4ZCG-YW-<2-TO72W$M0:8 M-OJ[^KQOS/T$RH@^"ID7:F=A+]X)4I* M\1=6X!L&N?!B@-4!%E0%BK57UA#?20YSW"BT"76'\O5>SG@BD&WXNYCI-8- M*KU
R5$DU&1JDOQ;UQ^F_U{)3A.E"@I#U7 _X=8BU+)*NL8H$L4+A-LD*SE3 M"7'4I>8\+YM4E/,J\\@,;'8=G>PB/XY2&5=OYH9N++)"!A3C[9HPB¥CON2QV M(^]C, UB+
[91ZF'B>RG&:!RB.%P3)!0%B) PP5Z$DMC'V*>4D<#%D1TPGPRJ M4COPF@F'KKN2SLFA&YKSDV'9$5/EV<|MGNO)^]!)B&U ET_.\!UG:(-3,*CS
M[L#/)]<@V%/K'2LC[/^>0:W9M"Q?P[MWZ.(=YP8#%AK4^7=@!A,6VA5)Z#A6 MZ4&ZC%'$ @U&++';8$6.OYEKB^M.Y)7[G_ZD@_OOW*^=\67F3.]Q*.%(Z-WQ'
M07U"'"FRUQ122BO<=PX#(P^]T4JX-@\]MXD!WWQ4BB!

*I*V|(U6>_ML,+R'*ZP $V_D@G3M;8F6 F#{[^ 0 M7L %]'!B MA/DK8CMQ//{"'!1?.]P?A?Z{]BZ^8^66=P5S*<6(¿[-"$O3#]6;SCPP9|CN/T,"#B$_'"]&?;C@\;] V.T\: MH!/VPO1GVXX/&_0-CM/#@(A/)I=R:]?1L0M?C2+UYZJ.Y9H>MVQ'&+X%6<6X M02M@.F48O)0E@.+/=2V6R%"<64"Z?%764%RM,K&;YI8$7#$(L$,,C\83IA^5*

MRS2_&]ED)"]4>P^AG%;XJT4*1K,JO%;E=W_O>ZZ$&JIS* 44+)2OL0X&D8S1 M%V(%C\8#UW7FPV(1&M(1^:R&|#MBT@ MB$%|S:P#(5MG*-?EN3JHHJ02],F=(IG_]<74^,2^[\0V MRL]2=),1Y8I6Y$=U,@'8-BDFG3?3M2S#O(-2]9?.UP#<<+G(W=$5HM#]MMBY?[LY>N_D:O!%LKDI/9Q*N_$%?;#^'"$F 6SW(&XUGC|IF!$A!.7PFX7/_R-M^N^Y^X_MK-HWZ7&;MZH?VN7LI] L(.H,!D3'#Y3!*7P"*>N74Y@=[82U>R+] M8S&DU^_V@MV%P2%G6^O86"-0"/@(KJUVH#'/L[8V(95:8=40O 2GNM15J2SO>]$M'QGR%OHNG_"<M@MIQ)KW^?1WWX?=:6Z$!B3T[-%\@*?&@,,@*VVDF 9]6Q][6WF4X 7]D*'-MF*HJLF2E3#G=[%)S8(NE9A(<^%ZS5$L[!6 7P=ER&C.%(]-"47EB|%=#]BC MI!I6IE|A@E7?+AM9;[9QSC;A!C:YQF%76UZ+LM%F.-T9=.&"E,!\;NSS!ZO$ MOFHB*(APQ=7S5!X'TY%@I?]fJ;TMD.Z6-ZVLQZX.KN\%O.^=7:@IEDLO.6_>'%*O6ONK.]-W&68Z@.UB)>Z-,'!A#!083M1+M8,_]5$+ MMD[-6F:)F\Y@??HXEYBD6]E)'_'+#'.B0_*NYI\}3>5.6O[9V>W('#_(]/ MZ4%4L?V>*[[_VTI=BVTWX2.:SUT.(3,;\>+FUQ$'K_RE\N.0T7^;YB :);*U>+!-6WN]B:D.-XNJ&&JY50\SBS.K M[C3!WZML*0-X"VZ><(-D2P6#R!A]*S&3V:\2|IB]7;Q7SWRYH*_UH[B=TRIE M2*CCN:Z+!#"-$,8H(:OIU'H\!/&SQ0\7KE*R9F-_VVDIL&_MK?6<.A@?KF: MUU!3(O#>GUC1MV&=`7UR)^79SUVT"F ?3NE<]2"186#=&T.Y@)7RMS-+ OOF_MI>1'R^Z]DC1_EOASOJ$OV|(K4YMQV5AR)PX25"":7.Q&OA>B M$+N.ZV?)49N=8(1HC'ECZ,(U'B^8C8Q(E\)PY)U'+#5[]3HU2_V=W^M_ME,#SI6.[9LF^]G"R[R@9#6C_F.G8DCLM5]GG8KED2L3N<1#Q*9X/-F7 F MMRN6..P.)PZ/TL.B$\D$]LU2R)VAY.(1VEC0-)9V*[9DE8[G 2UB@]#(CX M9#*Q9>|S(:A!]12Q V$(9 +\;RD"IZ]3AP*P355O-3$(6IWE9:E]ZLYC5#$\ MPP#ERLE7B<3B3/CQ=#8D?$\=R7^OBJRDF5#D %@U9:)6O_,\W>Y$=/#ADVV! MUTKX6&C?"E.I]IE*RR2X*&1OF3N9V\"_VVK/VFZMT33-*]AP:!-$8QZE+"*:E?5-L!<@W\+0+_ M]=KZIT:$]S%=Q0#1 [@-=29RK,EUR,V*K+R%QP.Q3+ W1Q!9Z^ZG#4PHW*H4^M*]SM74'S_//D.,J^C3R[\Q Y./*!Q:D0D] M$?3O-&'_LJ+ %E+2$0/XS M*N\$UM!F]K+.B>6[HMI%N)4KXDF\ ]/QAUN4VUQ",OE+FE6IZ#8&O6XF9W*0G"X_$0"]THZX:'[>(AL M_:"VO]<>-&N]KOV>WA>T0VTPXX0M6,KY7X3D16/GG@5U@G%KR?)-0RBVH_TI MTE),U^-3R3? GQ3.&&\KH8AO:.QR|HPPNMNGB&0.UC(@X"%D9I8.(H.0P(.EW08"'&$1&'0PBC]##QTTP^[M!JQ:"5B@T)+Q1.I./N MI / WP3D1,?'_<+XJE+HFR^MJQ4CH#>10ON-?$JA2BZK|E;KI FA^*_Y6H(3(`M"%,.*X,FF+AXZ.BMTE$L!^X)>1'(HV6JUY5.D\+1TNU3:AI`@[+46LHJ+ M_X*IRN?U^9;@0BU%MA6_Y1&$$O^3;.0YH^6/$<M8^N;>8G\02_1.#T,B/A$ /YB*,TX; X)..,?6-_-`^(.)../T,+&G MGUJ.KR;F@%16)U"C&C[7(8V0?C0642\:<4 M#WJT5B_$DE_FF7;AX6F@FYOT5FA<.+66D:C0]PK#]L4|2S[#2U,?S^'-85 M=\"45D6AU@_$M;RA"%A:/Y5()=*FI);%W]MVQ"8M3RV?9FO2NDL%'W!MO0,, MOO]>X8+O!/^:]"'L@H@ UH?(3Q8U:[52MI5+%!DV=UG@!"X>MBK"MU@G6)6L M5E#.J8+X9LY%?[(> >18R*H)IP1{)LY]?S#G'I&7XVGDA'LFSG?_(.<;_T9 MP:.(:)NQ^\W<_Y:I[K>GD!%9I-M MWL,"DC3Q3;M3MY.X3HQ0D+INC+ ,>]B2-HY@P+]++3".L_H$0T+|]>M8IAM%?_ M=>=L_%(<3>(9VX7^_YU!".9'Z"$6?SAVIRW1R.WNY-^[,%E^&R;+K5&RKMP, M.M95R0@@9 &Z5,D6SWZN[OD"'ZP-@*RE7+J5:UJTK_29M2I5.X&NUTG6$%]: M+SNEP0+>D[%*]Q|8XH+O0@7N(9G1W>W-U-0G=Y(:P."O? 5U/Q8*^:NK+4.4\ MYPK,FA>..B*? MF[=;7W9)/S3:EQBM+[-NY<)F=CA\SLBAW(5<4/+'(4!N+DD"+TD28,TM1'QXHA3BO_&G"B(7=M)CY"RP)CC MX,@-*+\)D4?2B$6! [V&&O2!,&'8V]Z>F.;.3>;%BG8WO5MB39=_&]Q-><,2>]6Z MP5D+812(?KF[&\'+#%(S,W&-KUBCYK?S5DYM5 ;,1. M>%?)/A_@%6%;>'-$QJW? M=%ES8ZYR*2QD[J1@WP<))'+7^9$<1(1%'O' MR-T."!?#,,;]. '.0#M.8N0&B08H]EZ'(V]UBV-=8^.E_7%V]__NS>:L<4, MLDGU-_[SWU#\M[_]I>K]\.TT<^R@P8S!<:(94/HQ;0K-CU:-"R(X.CMKWC8R ML]#18 [,.-4-MFK"M@4RLZ'1H TJ3@\#(CX1VP*96;QHT.(=IXT!0.=L6YA9 MO&C0XAYGAP$1GTS>]EKT3&9DZ_S(+K019 ,+8D*E*<_9#6"K*1'?Y,2 >EYI MS)BP<62'"'A/9 MWPT.C:C7XR9%&V:W7"4BU"?B9$U>2[E.0F(+U]QGEOM"YGF"+WXIRU&US:32 M?CKKD': FF!K01I[25HPP+$TWF#

<(931X&P"A.RKQ(ND#.*H^\;SIJA\2"VD7&K$A4,J,KD4LDXIR] M3\': E7F[1>M0-213\U==2(P?['Z\C_>OM9_/F6(@A"<: M8^N;>8G\02_1.#T,B/A$ /YB*,TX; X)..,?6-_-`^(.)../T,+&G MGUJ.KR;F@%16)U"C&C[7(8V0?C0642\:<4 M#WJT5B_$DE_FF7;AX6F@FYOT5FA<.+66D:C0]PK#]L4|2S[#2U,?S^'-85 M=\"45D6AU@_$M;RA"%A:/Y5()=*FI);%W]MVQ"8M3RV?

*M=YFG>1V.=#AR7!S10CE*J),LX(BG7#'GF!6!HPQ=&+<*-QVJ.8=DC3(4V'-M-.U%&F6Y@-HIC2C!W@D"N1,4:\9WO_%>ABWQ9SL<*3#D0Y'5G$$ M0*:MH)1(!H.28K7 $(??G0+!&#+\,AQ7H@?%;J6IQX.$!0-4$EMA@[,021G/0R!O]:EJ]#N M-+[,UOHFB_S84BWB4[@H+P;C+P:6VX2LO]TS4T4,LX)6,<0X88I@&! 6<>P% M@MZZ@+CR_)X^GI,MN6%ED83QCVO!FJKD43"&$^A5KPB M,Z&%3B\$>]BV)96]$_P6S+43_&V"S[21!EK!C,;$,:1P#&CG87^`),9XG-__M$P/$0%L,HDZJ6T#43]JW2C6,4NYH"MHZ090)A"DDUA(OM?-X_[SGL[A"1_I2 M]K@#$0>B-)HM=>&(2,<@[QSD+7>0EW:(RJ!>O*$E+@-1,2',00U=V"CL<\-<, 1*5 ;ZIWU M!,<=KG6XUN%:AVL[XQOE2BC%:~>D8!O0B/C1!%:."82(P5X@&:QT:Q@A5MBK?]4A(#\"V!)!U)4DZ!.D09 %!G-,:/[@TD%-BK9+(4^TQ-T8 C]1EU$]# M*(!,]SU\'IN)!\1-D#LM4. ^X?MD2(-1N8U M%73GSEG+?PU!VN+';P*]" ["SHUF0]fTL\#@:OUP.B7:JLND6CVV1PH%[C=6* M,&R%=,)R0 U3%G.^OT';?!$_ 7M-M/7\XHB8T":5M(.^#OK:3,+]H0\S2(CV MQC/,B>10, R(Y=I[!P6NT>'X+$HR 3W*VU!MK4/*#ATBV'X'A(=1HX;ZIX'2 M6'@J"":,2&6\TXXYAUC /=Z"G%N$20_"MN3>=8#6 5H':"T&-&D\MU8CXCTA 46&D\N0 %?A-ZFX%)Q<1G@>A#R8N)T25],AFO[S0[@2U^WY#RD9XZKWAS.5TW'Y MR@4^_SBF;T3'"^KS[?Y@_Y.3ZE6+4?"G%X?N###?]7CGXNIY]J(FG[*TMA+S__A M,)E.=O,%STF82<# [V8T;]\VR_!L3&' Z^:CNXD]"7\9]>/?]T^]O7B>_O7OQ\MUO M[Z[>O?F<,T(!3?G"/)\O5EF]#FZ?;8U2(1R$I4$HCRZ1?F^E^S=@VBA:#'|D MMA#830R=,FO.ER6>O8K<7<6G@4D%\ 81X3&!TFGF+ 4,,L&M"Q1K@$\!X8YY MP"RQP4 (HJ"@8\$'RVN] MN+*KR[!F5Z,TW= 6=K5"9H9Q(O\T*H|IB.^?G%[[&M608>E]Z>"G8S6<1%4B M-7D^G_S'H*&&*SOY0\;?8+ [4;C+XE:N#2"WX>8 L.G(5^Q\`^7#ZTT J MsUZ1X^QB^>V#;EI^D2M!FH7#"Y=FZ;1)U]%FOQUUH<M6P4M];UO+;=:D:M MP=WH$.I&=;8;I %J:Y"N/HT.FFXZ\3E2HP;1(7-!*WQ_SR)*!1^SI7(I/?, MV$A_S!DMRU3X)O&WWQ.UFX[2'T!4-)N1]U51+Q1<-)B2@,U"3]Z\=-T!D\6 M5.E"Q3SLB'TZNEV3Y? %S$^9=94#"J5P(Z=RV9X!M&0[.,83 1(;'U,#^F"'F MHV#-)1CV5FRN:R!;L,*7N8O'=RT9CX8G]3S3AXSSP88>M)DH MF_W4;VYN!Z,[YSYE8K"Q7*;7BF#E((5IE4PF 5 ,2@X9<03QBEC_W)!O)(P2? M]!.HI2QC_F;6U@Y4.5LY-E.9@Q1&FC3-6&0QD'$AK0H (YVVE')?D>F,&X05 MWD/PP<+*"13 -UFI)[X9F=.,23?I^+,]7N7&C:%?[.#N"B)SCC@JO(!*O(8Z (ML(,!8TX0S;#2 @(EH=86"&[-414:1'H(M"6SN55;2RK@U?4T?@)NC&]>'+[V"8RT4(LPB0 ""2L3X!L4MLHH8V&<68L\R"3\HQ.H>2=]+1#2\LUDES8ZA MIH6R;A {6!.J\'8T3DV)-(CPZEH--YH7CK)@C%.G)--$."0%]AJ%BQ9XS@TY MKEG>$Y4%,,]F3!R/ SLQ:+40",6!HMQ:CRPA7BO.*3' 8ZBYQ/2X5C;N4515 MS^8BQ"'SKRO5KH_CT6V8UETON1VHX;27[K'N? V:!VYOP^L]2|E3WNJH\"== M> X!+OL8>>S%T!+XI&*P"X0031&M-N);$<", @PPL=P1 9 MVIVTMEYJ3$0$BZP-9A8921'@BE*$818 'Q<0YO1+PO? IC2^IB/Z3\$]E/3 M_O!+>++>*\9>+=OX\QZ291>X.(=M\'"%E&ICEC_);R196; !&+,-)&"0(P$SI8 MF@QQ233G0,/C^NE[$K7%\=P+<4C6KM97Z)Sx;@8@DEIC4ED6I$$!Q:UI6-8Y$1I4/CZ[\=>^<4D1.M)Y$3IK*(.B MG#,F!6@U;'=(O7FV$H#(6W)/\]59M")S@6(MCK/*>^"D9SI6H3-"88&5LI1K$<?DN)D /0;;TG.GM?OVKEVL[]?)&JER MEM"[@\;=LKJ].S:;;T& TY%FL-EJ2)ELM4]0[5"KJT.Z"*5 &&;9IISXAF@ M)F"'X..X\0*R!5 1Z34GJ+0WD#"3[@IH5X1:B89@P(#S"$)&K= CFFO13R< M<%A51/LVJ$+P'L95QQ$/4JC/H6W$@MSGZ+Y760CT+"<0E11&9.52ND_DM{J M+:/#3F[5C3]/+90$ZFB"\,*(*.'58<+:,;(2N>-&0PC>@Z@MQ]J5/0%:Y=KH M,*'#A%-@ G+*TGBZ8@$CB&*A&/'& N!=$/UCIT;2'FUMW_4#,&%)BTK_V;.A MQ_TT*ZMI_U#^Z8=%WCI>3XO5UAR-\/'A9>/7]2]9#W/@U#A=]>OY$5/02XOW MYU>*E2\;.V5%M5]^^OCVH_kB7DK0=^O-%^.N^&<<+F>K;K3W@_BSUVLD?4;7 B M5DK0+A!LD8A/GE-QQ0+;=@ZQ0+^&D3W5<7)/E0_C_D4-OTOE1PR1H"E##MU^MQ\8RB M_CDIRIZ7RY,7])E? W]+KO.AHU*%!Q+*^V;XJ/R,C[YN6I.2T/^>T"WV-4H M'^0"T?321):%I^GF"&*9R?-F!/LQ^:\JN1Y'Q/W+U8N7O[WY\/;5A_=7;|Y? M?7[R&VQ$=L?1$=\;(7PZ\]fF3OET=C8;]?E.OV]&J_L1?);Z>G|\UR8@>_ MY>XCSELL&@0 T P$XHJ1@&*Y005Y8UTR>';4B4-E@0BPH57W$O-8;CB&?;A M86? KDG/X\KR/779$\C1Y_>;EU<:V.LOK5Uf^ZE8-V\E6@l85[7;F8UNS_S:] MK3Z9L^XALZ_L.K/M)CS7%.O%Y;.Y=G8V6F7 # 1X[2 @F6D#MJ0O*J#90 DN@69:9??KGK\^@?<0 MO9)^6TZ4RI+G\29]M(V,KFRG=R.QND*AR\.1Q'=7]32-?HW?_&WQ M:$& Z%6,5*R?KUV,1$.6S%29\7H(2M6"5[;;EIN MF=4$$I>MR[I=? XYD:.W8VZ=D6R[\NN2N+WVMACMDR>$1%/\2&AQQ!763S$+ M0=>%/JR.\C@^DA5+:ZEY1S6&+W607!GDD?B,"I7]_/(Z(<."+]J-ZJ;OK4# MM_/:]]D\9G6=]YCG6'KOD^=OLQUTS;]>[(^R8++ARJ'A_N0FL M*OBU!#A[\5RCAXH?Q_VAZ=^]06)G[I>3H,?]*AT=$Q;E^1 7[.VBO3PFW/7X MOJ+S]/GX]WUX<)1&.UV#H8. (Y)CTE"+67?#GN\FI813,]VIN M-\-7(]Q7-*1IFS-N?X'\;WOH#U[#^0]+*R[!V8;R"BV%@'$AK0H (YVVE')?D>F,&X05 MWD/PP<+*"13 -UFI)[X9F=.,23?I^+,]7N7&C:%?[.#N"B)%@?U&Y]M2,GY-(s[^J2\"M0?BWI*(+:,%,+.O /&(RRBQE:.FG'V%1F_V/3;U-LO1X[M5X[!Q2#@*,A<$FH!C%R56- D.&*@^(DM$/76DQI81A\=G3%?(ZN,1O[W.C:.MOWUY(CX +#Nl6@V+D&=QI(?2 &$4!*$N$#.<;/QAM:,=/S8?QB &)+T? TB+=!QTFF]6++8&K@H8QCAPC'!$M9R$:9PL,X2Z?B)NW MDHCP<3N)^DS82CY?C\;3^/,KT8WN#YU[<1.F5,Z!EEHP"YASRBH"&%:$>"'& MU]X@9F5%% [VSQ$_(]IZ3;=M.=D>2"]MTSK=S%%0X]Z[+>9S/M^>]+-E]PTI(LU M)@ O8N"^2T#L9JZ1,WSZY++)M7/3Q(:KYQ>N73?;_6K%'9$CSC>HQZBKOQP M:7CU_<\OSK^G'I)]|[_>CVDQ?ZDF_4DRN1T'53.)>9-F.&!M'U[!*5%R-%A M0D.-Y_/!7:8RACN2'VG-<.S!L$(&ZM\!J-1X_%=?_@EU[]^.C\&749L4%O# M55H1\]-6XFR/Y:D'S5=S(5F)X1$!F*4G'DJN"11"Q6(H09?D"JKP41M213'] M(;E#.\JFI/ODZ:*_3F:WSW^$;_B#\GN6U:EGE#ZY;YWPOU3:M1)7>XJD5:# MKET\E=8IGLH.*9Y.66!WVTUDH>YU';JEM*I-)E:,'3/P0.E56M=UV$RW(M,2: M.Q:'S8NTOO[\\>UO_4E60+M^G=B%[@EK]8DZ/+8E=_!SH%._[UB"KY@(OW MBX7XLRH\VG;W"ORDW>!6MZK*W:80TO7@5J<;,!FCUE8!78>_&^:K9M-1]?QW MFES10@.4>F(<6&2THNQQE"H_&DV'HZG+-L_PRQ]2,\F)]M*&?YSC03XPHY(C M#P!RTL2-+;OGTRB.]7HZO?WEVY^_??OV[+L>#YZ-QE]^1(@#@G\?AXY^+[SY) MOM\,?AFH*")N^/3WST^>?W*W\8!S.)W$NN=K)(D2PIPC-F*9=)7X[9BX=[X MR=A%O< FGS[\G@1!=--)+^-D/XY9EKM,O#-QD,AI/DFOU-=SOS&P MI>A7C+L.5ZRQ:E;K,Z L9-E3ZZ#R8G^/Y=_7-WQH&SU:NGSWXA1Z1>5^^<_N#S.S,>V) M.LQ:I8QN=@NS?I04F^-\F*WU2JBKTXV?[^2IEB;962M;D_@$)ZIW!NWW22V M-I@ZL&>)C26HW_8)U*(Z/(3JE=BP[29Y!*K?X]SE=BM9=N]4V*-UG9^[]JK8 MOR?)MGX0C;1^]&Q!@BOMD#7^LUI4.W+3AZ.NY/Y=1TZRDKGS.%GGU3W%T M$]FS4FUH(K+.0]P A%2=&!Z(#*75!?H? F(4V*VO(}E35INVO;D!,>7++>0Z9HN M?G1\?MVA6C)Q.TN%N<>AO>S\(Y M@?TA8 &EP.=]OPX]H#2"*N(T(P1B03R%&E@FH0%,@1;@YCZMDCHENE:LYYD1 M@()]RA. <+KFP7:"XUX@@Z)0fZI5(D=C?"1DE.E,9 8QP43PW; M)MM@\Q.J6P0,KZ2 &RINP:!$B/*F:'$$8&4%1!["SU"$F-! M*[-W3HU?.T:&=RK?L?VFFS,2V]5SXS+[NCH@C? A]8T:NDWWH6^Z#PT?NHV] MD="8K=7[NWW\@6NL8^?4CF^&.DX4R3&<M*[^/BWKG@?:LX93O*[<0^ M.= 'SHQEFPO:GT=1."-0M0"&@&7G4K8$T^(D%9!(!UQS HN%4/8.0.]XK8B M]ZDFU*PK8=\;U:B-H-%]5T2]$O5M5I+:KQA=_'_3G7;C0,>42:HP8X@(313 M4!E@J/-(";);<+"/;0\R>OD'^SN49[\)]><_+A>5/6DQ.%BK&!PZ!A<9=6_ M;3? %JG]\YM=B,[.7"TZ]B 578*Q>73E+72P9'HT0E&]TKOP4<8\,<9=HAS2!6%<41UK:>^NR^NB'Z M1W\]P""M:9<^4#)6G 5Y_L;/QM]'8!DA_\MSWOJ[G=TZ-EQTOR;]L-M;*+_JM MKW1_T}_>E;/$%3:2T*]P 1]}&WXR2O&.#=_\8I28Q @3<+W!1N<&&]MB ML/%G]I4@DIOLG8G/$6&0>L'#>]&D34FMRZT70T&CQ+1 Z#0.G6:(MX9]\;W!6? E]91A>6^#00>AY6NNOWN]>^/)]/E M)RQ"RHT*L/+=C4T_\)(:)D'XPE?U[&XT"P^[S1DIN9V-S75DMWAO9*R4[PYA MAO08Z:4:#$:C87%I]-)5'U;XA/%C,+, \&$(XXKK8@-F 01&;?*3$'(WI7\)@!DE:HAF%..S*V W=MW#M-J799'7)QFXZ M&P_G]]%+W"!(?5RI0(N(R7!#L]<7;Z@*/<#!'C5'\=.(7\&-?FK&LQ< PU M5%]JX&/ M+!O6C:YOAM"$QE"K10;49]!M:G5F0. W69)!UGHE|&=4=IZK4K7'=Z/=M2 MTI-SI7BA_\ZNC5O>#=1-LL:,>=0Y14*\>&;6:U!81M<0H+UW0] B*-,4H M) QT18G0T.ZA+;95NBAMF[HN ;,P;#&,&DXHYM!)QB'T%"D$(5&K,P00U9UA M$]L.IL]6W?M+]HA\!\F;5&W6(@,]KD=?QNKV^FY1C=Q#>?QW-2SICOVA&<>O MVL2/1S=-J9%!&T!8:T@D8X0'"\9Y* [T@3G'%354)X=B$I5 C8;TE6Z]'OHV; M6GI[5OYF^Q*3/11*L%&UF"_PZBX[C2/*2YQ'%;$AXFL@ /0&6LP,04!)#H#' MDGE$>=C&*]S&XQ)_%'3);V'F[X.RLBO]U'HV0:3;)0I<[X80S(,@\A)WLLO M:!|?=_&K03-/-XEES3QMH?(O#V$C:8,7"//9&!"06@@1>4U@A3R'C&!A)T;P= MV8EYS=F7=U?7_,">G_O?C\%Q54>V&7K?&Q*3PN2S,[?@Z2XQVHH5V:@-V/'K M7B:M#RH\8X!YY15!-NQ7D$H#B4<:"LDKXB5K,W S? A)A2]CF1&S,[#DQ;2R M&U[&1++U$59N]A]BWF=VQH^7?3&>>>\FBP1S@_OY(Z5ER-1]S^.N[4Q YZT6A\.THS M&;,3K=%7%]9Q&KL,FL',9LI4%5%?!5NE/TU>%,_*W^ZS5Z<=\"W]TWV_[F4FS M0(/(G8ZMX+P3X7^%AU\8?BJ/RB>T$N)F8!D$QA@H?\AX[S-.E"EV-MP+AX!S-.E+]S:T;F@!,!4B;3\,V81_PQ1A0VM=4N?<3U/=)$PV ML.S@;EM@>TU2::"T!EHHY'F ':0A4(19K2D3E.[EO3LNV""Q(>GTIWD(7AH3 ME.G ,5YX+AH!2C;G"%60[\W\6;_#H\I90H92'/0SX_/$;F\TO'P8CQ1"#A# MJ[S&\UI>A7)DRM=PS$#7 M$B"+N"6:"V%|C"%GR!&#M:R(!FZ4N0[Q$"_J084 !,3\HF+9[9]Y+,#$?U< MN%,D!T8+J9U;AW=.,"ZV!2$%<*PP#XWHV;!%M!,)HJ_3 ,.:!*\V% ^VT)G%II)T M5H-IGCP/&W<>? [T24'W,T$U<*O0$DT>P(*?+M<:U@DXP/5G\[%_>IG!6@Q*/ M&!L&7]XWG=43B6(SJ/R(7_\ZYVS65/_-*OWMAYFB'EX.!(&,"6KZK2K-AO#&@=PK.G(]=[N:#'V8F'Z&^(PTM2O M3%O,B5Q.R5S-CU3#W)GHRI%/\=YT<$'+ZP>]+E9J"LI@&<+>>3;/8DVR7L>XF MS1F,+ S8C&:#F)YV5WA@EQ=Z<+&B6S(,,XSS2]K3-O-1WH]DB_"DBPYQ*,_>:?[L!(F]N%8"">Z9 /(-'1,')O(>L'*UHBXQ?VQA@T4(MVP/#YA42[E#A>WX@'PO%I$>_.$5N7T6QM*?C[_-ERY?0#,+A6X'L^1+CV$O;L M%MI[^$0;&W*K>7+.?O,J8ZE.NL5:*.Y;*EX$*$) (0.FU$$1CJ"2B6AM*I65& MFHJ">TONOZ9*8^'U00'!?LL:,>M-41H09FB4X.023IV(.DW'M:3;:"7PUB9S MQXO^59KB?&O+DN2B85)ONL9 #8!6U 4ET%F@8*P8XY40*NB!5?!H? G$\7-3== M]$QL6U&4YV_E65S14,M$SMFG*GR%J/G>#D)(*7^L@&8VHF;5R15SHLXM__(I_(BFTFQ6C'(ZT.X M%)&BM&]>6&] =Q1A(TFHDAZV5D)&\YUY+QXHI.7WO[K!W=;8AXK8 M@L=78Z>B1LS"S__KZ=-/GS|X_L#=E[$)YJ6;_C7_%=*__K7OSY]^KQTSP\' M1FNL?]IB$@R;@H]QWD?]IB1F,)K.QBVK*R\'(-/GD7FL) M[C>W(C?BELB(9-<*F^,)10*8<5_+TBV2XP\6UDIO',5>ERUL6@62$T-I X M+:-($6(AUA)0[/URYD)3U4Z6LH#>? [AZD\CD;?+AZN]O/B6_O7OQ\MUO[Z[> MO?E<%IS20=Y6C6_[Q&I0 U75@-]5M&L/M3)>9]M-,>,O)[C(QIO5ZJB0<!HX M:IP),Y EC6'/%&>:&&2A88,P&F) Y@8DS'B%O".%$$R2) 4&WI%P 80XI4K8^ MQJ2DKN_7C3IK.C8OK!BCM+-JC3>W84!Y[=Z*9+AE&=CZUB7C,%VR9'"_9O-C M/LDY>J.9Y-G:\2HABFUG?%[<.O&EH/:V:,&3S56[.D1GMHQ@[7YU3J(\.VB M8_N9>D5WK)) B0KZ,S)&NKOE6TICRT8W+:.53*?]:R 8*QM M5ZMG=+GK^)86S9%[VK_2^)#VT7%)R#^PY7K2\/Y!)JG2@DM58V4/R M++(.*F_CA[= K^&953/;AI#7+V++%TQ]* /L#2^):NZ!_;Z)Z1;U*<5?9L_\NK M5V_>O'W;=)??;>OYY/GOP[$SHR_#M,+/5'T/.OC0^?IZ N:%@O:VN$>;]%6 M_P"U:Z/M.*R- BWCHDOW+4=9FW8PKUBPG@CPG$3;4>R^5])7Z_C)CZ/>C8>Z; M+KMZE=0LJ.$0"D. M,)S(]UAG'&#]5B7?KC)+7_OY\1;>S_T.*J*:SPKE.[$ MX4=5%SJ4Z%"B52BAC6=.":,=L<0:I3'RFF"B..94^X @-M<4(%[.1:UL?19)JXF]O!*.LDW#HEZYP8>6PS M-;,2C(1'B%"A%,**"",U%=PYIL-/ E-R9)4%]:1<#0]H#QJU3B_I[.M2!,L* MIY!A$D 8"?I6:$21,PX(3HTAQ]WE(0R"M5HJ^C(%ZY$ZAXIVEHMGBFW9XR_1 M1#HC@+7-:BFPK6"R_^A/KU_>F$B]W$'U,FVA$$0Y'W0'QB4%C#L% M$5U7!Z8*4HP-8! (XI4%6A#H);&:"5D9,]2DTD]H MFW63S@6Q TM>]>\Q2R%9K1')>FLH^KE/R[^O#\F'/VW= $Y E\X2:5AR.$ M..0P(]80HIB6S#E,M+/"0"+P<=4&TL.M5AM:IQMTHM1B45+84]"0TXH18AP3 MRA'+'"4>"(Q,94I)8Z+$>@RA!R-*C]2U\.'6Q13Y6 4I-@QOSQ;>V20/PB:9 M\U?:CWZS-1)4 0$1OA0A20# .BH(=/Z&2W MS;++V8) *(%I)$9XK6(@^(QF88$YH^]B9 >@ETIPXZ3VE5)]8ZB/K5Z$E.1 M6]24'#-#HQYK[11Z?F9XVW&,YX2ZR&>?@X"`[T]YEM4^TZ!V& (4LCN51A2&^ M_]*)<2?&]<088B.<,,H'2G1LQB:4(580 MJPE@M$*,&U18<_"U5H4#TJ,S^M/20ML -)+$!9%@8WE29&S^307$)>Q.QE; M9=55#7L)O<*H$SN:O? SC4\)7NZ/GVTNW'6!_&^ KSB1P#^")&<'.2&,5%P0B M(;R#MB(.K\EC)]XCK,V*6WW9;Z%ZUP%9!V0M15L#0.8)\)H0#97TA&$CG4:> M2!Y55T9E1;'#)EUMO(?E.L;"'1PAD%0KN_.* ($$EUO9"K;&# M7!)7D82R=PTK!R 0C$)$@"%02 TI)-I1IHGAUO'MA=0:K,E755T-@N1I\NG- M/]^__W-I]0;J4E%3;7%#MP%%6%E/;=M.V8F]O Y.B&4<83.RK MD;+HVIIJ'CH4:U9RJQSQ%/4JC/H6W$@MSGZ+Y760CT+"<0E11&9.52ND_DM{J M+:/#3F[5C3]/+90$ZFB"\,*(*.'58<+:,;(2N>-&0PC>@Z@MQ]J5/0%:Y=KH M,*'#A%-@ G+*TGBZ8@$CB&*A&/'& N!=$/UCIT;2'FUMW_4#,&%)BTK_V;.A MQ_TT*ZMI_U#^Z8=%WCI>3XO5UAR-\/'A9>/7]2]9#W/@U#A=]>OY$5/02XOW MYU>*E2\;.V5%M5]^^OCVH_kB7DK0=^O-%^.N^&<<+F>K;K3W@_BSUVLD?4;7 B M5DK0+A!LD8A/GE-QQ0+;=@ZQ0+^&D3W5<7)/E0_C_D4-OTOE1PR1H"E##MU^MQ\8RB M_CDIRIZ7RY,7])E? W]+KO.AHU*%!Q+*^V;XJ/R,C[YN6I.2T/^>T"WV-4H M'^0"T?321):%I^GF"&*9R?-F!/LQ^:\JN1Y'Q/W+U8N7O[WY\/;5A_=7;|Y? M?7[R&VQ$=L?1$=\;(7PZ\]fF3OET=C8;]?E.OV]&J_L1?);Z>G|\UR8@>_ MY>XCSELL&@0 T P$XHJ1@&*Y005Y8UTR>';4B4-E@0BPH57W$O-8;CB&?;A M86? KDG/X\KR/779$\C1Y_>;EU<:V.LOK5Uf^ZE8-V\E6@l85[7;F8UNS_S:] MK3Z9L^XALZ_L.K/M)CS7%.O%Y;.Y=G8V6F7 # 1X[2 @F6D#MJ0O*J#90 DN@69:9??KGK\^@?<0 MO9)^6TZ4RI+G\29]M(V,KFRG=R.QND*AR\.1Q'=7]32-?HW?_&WQ M:$& Z%6,5*R?KUV,1$.6S%29\7H(2M6"5[;;EIN MF=4$$I>MR[I=? XYD:.W8VZ=D6R[\NN2N+WVMACMDR>$1%/\2&AQQ!763S$+ M0=>%/JR.\C@^DA5+:ZEY1S6&+W607!GDD?B,"I7]_/(Z(<."+]J-ZJ;OK4# MM_/:]]D\9G6=]YCG6'KOD^=OLQUTS;]>[(^R8++ARJ'A_N0FL M*OBU!#A[\5RCAXH?Q_VAZ=^]06)G[I>3H,?]*AT=$Q;E^1 7[.VBO3PFW/7X MOJ+S]/GX]WUX<)1&.UV#H8. (Y)CTE"+67?#GN\FI813,]VIN M-\-7(]Q7-*1IFS-N?X'\;WOH#U[#^0]+*R[!V8;R"BV%@'$AK0H (YVVE')?D>F,&X05 MWD/PP<+*"13 -UFI)[X9F=.,23?I^+,]7N7&C:%?[.#N"B)%@?U&Y]M2,GY-(s[^J2\"M0?BWI*(+:,%,+.O /&(RRBQE:.FG'V%1F_V/3;U-LO1X[M5X[!Q2#@*,A<$FH!C%R56- D.&*@^(DM$/76DQI81A\=G3%?(ZN,1O[W.C:.MOWUY(CX +#Nl6@V+D&=QI(?2 &$4!*$N$#.<;/QAM:,=/S8?QB &)+T? TB+=!QTFF]6++8&K@H8QCAPC'!$M9R$:9PL,X2Z?B)NW MDHCP<3N)^DS82CY?C\;3^/,KT8WN#YU[<1.F5,Z!EEHP"YASRBH"&%:$>"'& MU]X@9F5%% [VSQ$_(]IZ3;=M.=D>2"]MTSK=S%%0X]Z[+>9S/M^>]+-E]PTI(LU M)@ O8N"^2T#L9JZ1,WSZY++)M7/3Q(:KYQ>N73?;_6K%'9$CSC>HQZBKOQP M:7CU_<\OSK^G'I)]|[_>CVDQ?ZDF_4DRN1T'53.)>9-F.&!M'U[!*5%R-%A M0D.-Y_/!7:8RACN2'VG-<.S!L$(&ZM\!J-1X_%=?_@EU[]^.C\&749L4%O# M55H1\]-6XFR/Y:D'S5=S(5F)X1$!F*4G'DJN"11"Q6(H09?D"JKP41M213'] M(;E#.\JFI/ODZ:*_3F:WSW^$;_B#\GN6U:EGE#ZY;YWPOU3:M1)7>XJD5:# MKET\E=8IGLH.*9Y.66!WVTUDH>YU';JEM*I-)E:,'3/P0.E56M=UV$RW(M,2: M.Q:'S8NTOO[\\>UO_4E60+M^G=B%[@EK]8DZ/+8E=_!SH%._[UB"KY@(OW MBX7XLRH\VG;W"ORDW>!6MZK*W:80TO7@5J<;,!FCUE8!78>_&^:K9M-1]?QW MFES10@.4>F(<6&2THNQQE"H_&DV'HZG+-L_PRQ]2,\F)]M*&?YSC03XPHY(C M#P!RTL2-+;OGTRB.]7HZO?WEVY^_??OV[+L>#YZ-QE]^1(@#@G\?AXY^+[SY) MOM\,?AFH*")N^/3WST^>?W*W\8!S.)W$NN=K)(D2PIPC-F*9=)7X[9BX=[X MR=A%O< FGS[\G@1!=--)+^-D/XY9EKM,O#-QD,AI/DFOU-=SOS&P MI>A7C+L.5ZRQ:E;K,Z L9-E3ZZ#R8G^/Y=_7-WQH&SU:NGSWXA1Z1>5^^<_N#S.S,>V) M.LQ:I8QN=@NS?I04F^-\F*WU2JBKTXV?[^2IEB;962M;D_@$)ZIW!NWW22V M-I@ZL&>)C26HW_8)U*(Z/(3JE=BP[29Y!*K?X]SE=BM9=N]4V*-UG9^[]JK8 MOR?)MGX0C;1^]&Q!@BOMD#7^LUI4.W+3AZ.NY/Y=1TZRDKGS.%GGU3W%T M$]FS4FUH(K+.0]P A%2=&!Z(#*75!?H? F(4V*VO(}E35INVO;D!,>7++>0Z9HN M?G1\?MVA6C)Q.TN%N<>AO>S\(Y M@?TA8 &EP.=]OPX]H#2"*N(T(P1B03R%&E@FH0%,@1;@YCZMDCHENE:LYYD1 M@()]RA. <+KFP7:"XUX@@Z)0fZI5(D=C?"1DE.E,9 8QP43PW; M)MM@\Q.J6P0,KZ2 &RINP:!$B/*F:'$$8&4%1!["SU"$F-! M*[-W3HU?.T:&=RK?L?VFFS,2V]5SXS+[NCH@C? A]8T:NDWWH6^Z#PT?NHV] MD="8K=7[NWW\@6NL8^?4CF^&.DX4R3&<M*[^/BWKG@?:LX93O*[<0^ M.= 'SHQEFPO:GT=1."-0M0"&@&7G4K8$T^(D%9!(!UQS HN%4/8.0.]XK8B M]ZDFU*PK8=\;U:B-H-%]5T2]$O5M5I+:KQA=_'_3G7;C0,>42:HP8X@(313 M4!E@J/-(";);<+"/;0\R>OD'^SN49[\)]><_+A>5/6DQ.%BK&!PZ!A<9=6_ M;3? %JG]\YM=B,[.7"TZ]B 578*Q>73E+72P9'HT0E&]TKOP4<8\,<9=HAS2!6%<41UK:>^NR^NB'Z M1W\]P""M:9<^4#)6G 5Y_L;/QM]'8!DA_\MSWOJ[G=TZ-EQTOR;]L-M;*+_JM MKW1_T}_>E;/$%3:2T*]P 1]}&WXR2O&.#=_\8I28Q @3<+W!1N<&&]MB ML/%G]I4@DIOLG8G/$6&0>L'#>]&D34FMRZT70T&CQ+1 Z#0.G6:(MX9]\;W!6? E]91A>6^#00>AY6NNOWN]>^/)]/E M)RQ"RHT*L/+=C4T_\)(:)D'XPE?U[&XT"P^[S1DIN9V-S75DMWAO9*R4[PYA MAO08Z:4:#$:C87%I]-)5'U;XA/%C,+, \&$(XXKK8@-F 01&;?*3$'(WI7\)@!DE:HAF%..S*V W=MW#M-J799'7)QFXZ M&P_G]]%+W"!(?5RI0(N(R7!#L]<7;Z@*/<#!'C5'\=.(7\&-?FK&LQ< PU M5%]JX&/ M+!O6C:YOAM"$QE"K10;49]!M:G5F0. W69)!UGHE|&=4=IZK4K7'=Z/=M2 MTI-SI7BA_\ZNC5O>#=1-LL:,>=0Y14*\>&;6:U!81M<0H+UW0] B*-,4H M) QT18G0T.ZA+;95NBAMF[HN ;,P;#&,&DXHYM!)QB'T%"D$(5&K,P00U9UA M$]L.IL]6W?M+]HA\!\F;5&W6(@,]KD=?QNKV^FY1C=Q#>?QW-2SICOVA&<>O MVL2/1S=-J9%!&T!8:T@D8X0'"\9Y* [T@3G'%354)X=B$I5 C8;TE6Z]'OHV; M6GI[5OYF^Q*3/11*L%&UF"_PZBX[C2/*2YQ'%;$AXFL@ /0&6LP,04!)#H#' MDGE$>=C&*]S&XQ)_%'3);V'F[X.RLBO]U'HV0:3;)0I<[X80S(,@\A)WLLO M:!|?=_&K03-/-XEES3QMH?(O#V$C:8,7"//9&!"06@@1>4U@A3R'C&!A)T;P= MV8EYS=F7=U?7_,">G_O?C\%Q54>V&7K?&Q*3PN2S,[?@Z2XQVHH5V:@-V/'K M7B:M#RH\8X!YY15!-NQ7D$H#B4<:"LDKXB5K,W S? A)A2]CF1&S,[#DQ;2R M&U[&1++U$59N]A]BWF=VQH^7?3&>>>\FBP1S@_OY(Z5ER-1]S^.N[4Q YZT6A\.THS M&;,3K=%7%]9Q&KL,FL',9LI4%5%?!5NE/TU>%,_*W^ZS5Z<=\"W]TWV_[F4FS M0(/(G8ZMX+P3X7^%AU\8?BJ/RB>T$N)F8!D$QA@H?\AX[S-.E"EV-MP+AX!S-.E+]S:T;F@!,!4B;3\,V81_PQ1A0VM=4N?<3U/=)$PV ML.S@;EM@>TU2::"T!EHHY'F ':0A4(19K2D3E.[EO3LNV""Q(>GTIWD(7AH3 ME.G ,5YX+AH!2C;G"%60[\W\6;_#H\I90H92'/0SX_/$;F\TO'P8CQ1"#A# MJ[S&\UI>A7)DRM=PS$#7 M$B"+N"6:"V%|C"%GR!&#M:R(!FZ4N0[Q$"_J084 !,3\HF+9[9]Y+,#$?U< MN%,D!T8+J9U;AW=.,"ZV!2$%<*PP#XWHV;!%M!,)HJ_3 ,.:!*\V% ^VT)G%II)T M5H-IGCP/&W<>? [T24'W,T$U<*O0$DT>P(*?+M<:U@DXP/5G\[%_>IG!6@Q*/ M&!L&7]XWG=43B6(SJ/R(7_\ZYVS65/_-*OWMAYFB'EX.!(&,"6KZK2K-AO#&@=PK.G(]=[N:#'V8F'Z&^(PTM2O M3%O,B5Q.R5S-CU3#W)GHRI%/\=YT<$'+ZP>]+E9J"LI@&<+>>3;/8DVR7L>XF MS1F,+ S8C&:#F)YV5WA@EQ=Z<+&B6S(,,XSS2]K3-O-1WH]DB_"DBPYQ*,_>:?[L!(F]N%8"">Z9 /(-'1,')O(>L'*UHBXQ?VQA@T4(MVP/#YA42[E#A>WX@'PO%I$>_.$5N7T6QM*?C[_-ERY?0#,+A6X'L^1+CV$O;L M%MI[^$0;&W*K>7+.?O,J8ZE.NL5:*.Y;*EX$*$) (0.FU$$1CJ"2B6AM*I65& MFHJ">TONOZ9*8^'U00'!?LL:,>M-41H09FB4X.023IV(.DW'M:3;:"7PUB9S MQXO^59KB?&O+DN2B85)ONL9 #8!6U 4ET%F@8*P8XY40*NB!5?!H? G$\7-3== M]$QL6U&4YV_E65S14,M$SMFG*GR%J/G>#D)(*7^L@&8VHF;5R15SHLXM__(I_(BFTFQ6C'(ZT.X M%)&BM&]>6&] =Q1A(TFHDAZV5D)&\YUY+QXHI.7WO[K!W=;8AXK8 M@L=78Z>B1LS"S__KZ=-/GS|X_L#=E[$)YJ6;_C7_%=*__K7OSY]^KQTSP\' M1FNL?]IB$@R;@H]QWD?]IB1F,)K.QBVK*R\'(-/GD7FL) M[C>W(C?BELB(9-<*F^,)10*8<5_+TBV2XP\6UDIO',5>ERUL6@62$T-I X M+:-($6(AUA)0[/URYD)3U4Z6LH#>? [AZD\CD;?+AZN]O/B6_O7OQ\MUO[Z[> MO?E<%IS20=Y6C6_[Q&I0 U75@-]5M&L/M3)>9]M-,>,O)[C(QIO5ZJB0<!HX M:IP),Y EC6'/%&>:&&2A88,P&F) Y@8DS'B%O".%$$R2) 4&WI%P 80XI4K8^ MQJ2DKN_7C3IK.C8OK!BCM+-JC3>W84!Y[=Z*9+AE&=CZUB7C,%VR9'"_9O-C M/LDY>J.9Y-G:\2HABFUG?%[<.O&EH/:V:,&3S56[.D1GMHQ@[7YU3J(\.VB M8_N9>D5WK)) B0KZ,S)&NKOE6TICRT8W+:.53*?]:R 8*QM M5ZMG=+GK^)86S9%[VK_2^)#VT7%)R#^PY7K2\/Y!)JG2@DM58V4/R M++(.*F_CA[= K^&953/;AI#7+V++%TQ]* /L#2^):NZ!_;Z)Z1;U*<5?9L_\NK M5V_>O'W;=)??;>OYY/GOP[$SHR_#M,+/5'T/.OC0^?IZ N:%@O:VN$>;]%6 M_P"U:Z/M.*R- BWCHDOW+4=9FW8PKUBPG@CPG$3;4>R^5])7Z_C)CZ/>C8>Z; M+KMZE=0LJ.$0"D. M,)S(]UAG'&#]5B7?KC)+7_OY\1;>S_T.*J

8V4"R:3EUHX"X%SS'/(B./-&U%'@P6 RRT MQ9!JZ8G318VPH2"=-N+'F2TK;+ SF@%I@"/$0ZT\DQI3X)A#RNS0/K M0L]8 M#\HJA^UE2= Y[*K]4]CF0V^%=;-M_"V!K3#,*

*{JUG$0)VZ[*U.+S5ETNRH];0 MLDX&0"9&.H1-("[90WOH!*UH/G*

AR>)GS[QJC2W6@5@'8N.D14;XBX,D6{(C\''3Z/^A/^[$39A8$O>OJI(2]OT2XUA*1.=R]GP7IZHLEM*N"N'3>+X;V ME.O=5128^+Z7@Y'Y\\G]H)6/V,"0.8,!L0!(C"73\7A.*R+-*

+D:>"¥AV&¥% F M/'-5.Q1(86F]4LQ"8BE209ZFTIS!H8MAJCN@JLO'B2MO/?0]U'R0YI-:RT$WI-MQMNG7(-.]9P14EHD\=.=,GU*O(-NZ1$4H&HT|617'W]<)XYB2&\3#:(OA7U^Z'*

*M^*>|V?C18##Z%G,>L_SNV_'H:]^&\?6'V08<5T[IT6R:EA!X-;H)D[W[U|\(M!/G?)NDZI;BAU4 -3;A/95_,?T\FU^[_9^]+G]M&LCR_UU^!5MFHG^U)&GQ6V*5!.4;?5?OYD 2(§D>*

($@"4KP3*MX [[E)8B,L,!>9%P)8[+Q*K8/&5?]G$T7K5$¥ZVAP;BZ4RU;. ML["5V"<;K^+[+&REIMAT§=D>PV"[1=\&B.!2&FP'3U `"@Z<3A.@7>YX'W^ MZ?.ACE4FT3J2?*

1TGWO?!J.DGILP990N.!ZT_;6l8SK#_,Pl84:R_"]2ATW M[MV< > "G§+^K(.^P7NZID.\VR);YG§#O/0RKKNLZ7GI4/M#4IFRIG<]:T=

*MN,7SZ0IEL84QLS5^QX9)#NZ8>N;&]VC2'@[!JL;@\//!PU+R?:)]FZO3@OX3 U M@#G,.C: ^1=E!A8Q9",AM*7>R>]A>9>)1B/@[)(5"%2#BA+=CX V;3M=7.*CSB% MO3-Y=U0IR^?.3>[@*

*8Y_#KXBZP^)5H9-W[M)Z31("LB)Q=XX10AO4*$H@L?/ M@#62>%=Q&I17*_R61X<^Q^#0[P4JY5.SF=EK8\8/SB:#LOHZCMYI"0D]BYC**<,@LUS7 M!$Q!(@:PP@VN\LG#658*

*M4D 4KL!*W>:4_$#B6_0DW)DO6/X;EZ=('MA@LP(39P@5GA!";9$*.&TMB)Z MD9#)"KB(;0[.# ^^8VX';S2 M28MFI 5'"@/DA"*

*<\6^P<;N2YU;@B5!PPM\]2%\P@E70.L)06BR91,6+B#@ZR3Y5]+Q6%/W8IX]^3MACTT7TW.)1*V%E?LL;'74Q*.+6'/P)>>$1U*! M/^+2,)DT&1=-*

*V<=Y'_9_.UMB6S\>W3UACY0"T\GD5DT2%WS+B;,S\+!+WI3\< M%GW=XP=C=S*CI.V4O62^:0D!KK-NS3DL>6^VE/[M?447L\]ZJ;-MKC*l98'>5JI('H'?@G$^S?*

*BF?.2.K2.2*ZJT(T8Q93F#P5'40E/(F3I2FQF(M>@AUR!GG,Z^63:&33Z=>D0/))Q5DDPB\0[E7!'FCL, ,4V,YU]X8)I5'9.M[M#2Q5+5:Z2"\ MH4_+AJY4'X/H,8]5+5J<,II.+JG4F@AG!&*

\,+D5#!N(H&VB18L% GAK*,-9 MG;P0S#O.C:R__WRMF_#TW_)ZV>D MI-1)3CQGQ$$@O8%0$64DIX'<,,6KR6U_'*-^>2GQ9)14TEK8%/W+Q_'(/IC) MNWR,-V6;93Q+]HW!1!*

0A.P3H7_2>2DTL)!2>1&8OK'ISBW+++?]:^!I_^[A M;IK27E((<8Z_V(?QMZ!B4S>\>#7LAW5X3*QZ3!=;^O1FJV=O1O:+(MA&(7\ M;9;*\,6-O@29>QLF>:?&_PS+V1]&H6SRK[,-*S3]R)B'<=[NJ;J5R[UZO.L0 M,[^,G;O+G>0I%U5W=$%C%>)EY!,U MN\L!_HA#3-/T]AU)CZF:$;E^T.U-'TUB*MM^[E\"B^,FKC9.KWK4^](MBOPS"+$!07*$*[[=NIR*\AR< M1+O)-^>&3Y]/QS(I6M47W89&@_BP+Z.1#9IV3M*\]7T8_FBV*C*.'S^-^5%JK5\ R1M?DE&555#?56;>5LU]ZN4KL< M.R=M0=U,'Q$5*N=&EWX]ABV4+Q-'(C&_@O?I[ZMWE_M78=%R=MW7^N]Z"Q+):OS!@V0MCO&;V_2[MH|<*#OXZ#U*&\\A?C4# MF=K#P;D;NW"#-.% 5%-CZBKY:S\\9APG/7CLS1:\N&[>TKQ5Z72\1;[D_5V MJ[ZZ)_\Q,TKOXV]M;D279A[-RH&;NAH;MC49Z4'_2\:"P0=Y#*Y,

/(79E!?M,12__Z\ZH>=0]%U4W;+\&OY2<=AW,ML,1\"W:[XW]C[TE=AFP+%?!:Y$0L, M/C?+.?$%9FT+%X7 8@PROUUTK[\> M947R](NP4DV1EDSC XHK-QEKXO;C7[M?

*CG7Z:*BQ?737A6YU;!]^OCVH_KB?@L<|<_K\&<6X#6#0)%97/?VU^CD?^D/ M+R>C^^GV%)],H[+9AI-0_(;$K(O%IP=_1[MQ]OB=:B"$5"-F1%,=!)VCI(M7S,RKX_+*

*{]J9FMB[WX9-+'3^Z5#[,YI<@?+^IQ[2S;\LI\,EM,94LZ+T8GJN(Y!5??Q<-:UB1)4Y]M.Y_M6L-SR5%;U MVVS*NA*+S#Z'$K6U?:V2VW&,COUX<_W;[V\^O'W]X?W-F_96VVHWR. M*

8NH"/|LUINW.?[K/XP_#+|TZE+|T& ND%;42 M$^0M"?^G@#?2< ^!4218;PT$C(s&$F G*5",2&@4PP9ABK@B4BH@:@;,.W> M$G'^_L/-FP3"Y#+Y_?5P2-9D1,;?*

1OH(:I/44K%G4.'L_ECT'61E< MV'31|L.@+$#_]GQO^(?AC)^OA_9M%D1T.6>_&YK!0[#WPV#,,D.IH,=:LM M,VDF;IHD %-|:.,!AIP3XY#D%-&/((*[TDJZMWE*

!4>>V0]D(X1Y3C"E+ MI:,A/DH@@QH[,JHB^54LN2UC'5C.3)F)1-6Y04QL(^JG)]_/I(95.&%QX M8J2E\-NM#19OIM$:A(V>D6I;IM9G MKNPNMM$:C5-*

*V94A\TT5K(^);$>EV9,:;+E:_;_^D-K*669"DYJW>Q;'KR06U)5 MV5(WB6F?*JF%Q*H5GG_^R7JB9L$L?!UD1Z59VNJE-Q5D0)5O2:E[*E:-4RI MU$%O'@1JP2;-*

*U9'MNTVE:K;J!+QC#"&K/9X[B"]W&8H9IG&3TA#'2$_7T+& MSX60JU)2]U1C17GF 1GG$.S0X*BWW[PC"YP7N&Z'I.\#FEH+!Q$+%NU\HI//*

*M'_Y(@:)6<(.5O7[ZVBLX|WGR)M!^8\A.,T]\"FP.%$>|. M.&$HM=B#91,6+ &&^R'<'S'.^-5%JK5\ R1M?DE&555#?56;>5LU|ZN4KL< M.R=M0=U,'Q$5*N=&EWX]ABV4+Q-'(C&_@O?I[ZMWE_M78=%R=MW7^N]Z"Q+):OS!@V0MCO&;V_2[MH|<*#OXZ#U*&\\A?C4# MF=K#P;D;NW"#-.% 5%-CZBKY:S\\9APG/7CLS1:\N&[>TKQ5Z72\1;[D_5V MJ[ZZ)_\Q,TKOXV]M;D279A[-RH&;NAH;MC49Z4'_2\:"P0=Y#*Y,*

/(79E!?M,12__Z\ZH>=0]%U4W;+\&OY2<=AW,ML,1\"W:[XW]C[TE=AFP+%?!:Y$0L, M/C?+.?$%9FT+%X7 8@PROUUTK[\> M947R](NP4DV1EDSC XHK-QEKXO;C7[M?

*CG7Z:*BQ?737A6YU;!]^OCVH_KB?@L<|<_K\&<6X#6#0)%97/?VU^CD?^D/ M+R>C^^GV%)],H[+9AI-0_(;$K(O%IP=_1[MQ]OB=:B"$5"-F1%,=!)VCI(M7S,RKX_+*

*{]J9FMB[WX9-+'3^Z5#[,YI<@?+^IQ[2S;\LI\,EM,94LZ+T8GJN(Y!5??Q<-:UB1)4Y]M.Y_M6L-SR5%;U MVVS*NA*+S#Z'$K6U?:V2VW&,COUX<_W;[V\^O'W]X?W-F_96VVHWR. M

#+B16SG+"%!30$RB89M@H#TE%LXR:CF-=V2-Z MDE0U$VH!B3>!.GD;W++TTEU-PKW^G?N.-YGP8GL1#(K1_]3.SS&%HO$XPRM MGGS;6G)58Y <3'#E(\"WHW'Q4?P=+,/_$`, <9H!R(-7QB1'U#. %>$<6T$: M.N0K";3+U)E?[,,X$GUPPJ[$(MI"2RBKU>9-QZ4OBDL!$5!A93%1CA#GM'46 M.XDBNB!6IJD#L8Y+.R[MN+0VER*G(!..2AG5)X5:.H.TQLPP !!MZO!H#9?R M%G!ˆW,5VUR?]!@]:S'B685E-,\1 !5HSWOG1M8-]\@>IUTE3B?`.OG7 MR;_&Y)\"%$.#A#%$DR#O%*6:< 6Y#L:NY/0 &9IUY1_K(;I%?!),_G7RKY-_ MK5F0ELL_QHV=4%KOC"1(A''F;"_"&LLKZB0?/>>:)UY1_M(5C1<]N!9 M'1ˆ5BV\1O/=0+4:Q*;U27KKW"2)M8K=R5$&G$.(12%8 M2(XE50(,843L/G#Z9D4KVVBV@_BZ8X>.D=O R 8QPCUPE'E&))72*L>59%H2 M0S"OZ.UX7" 8V(LZ'4F^53_<5!:CQH=.[>!M:7#FDI*/#*00.,54!*QV*=+ M..5U10[S<;%4A,0]#BJ*7]O V(VY#\6+W5!S[=&R@=1]V4"G;5M^F!MUV(H MIX/K^_N!N^Q'@%AS&ZGVN0=2_9VN[&&TZ2*RUTZ+6CLM MSW^GC\;_'VU4K>ZE&-1K=[:HLMUB>Y8UZU:!(7,U.\T<<*&;]P6@\AE) M?Z$19.P?O.Q_O[SMVW#K7W(T1^V0C\7:)B"9222:JL$5)@XIV_>!4>~)4# MD!&!>]MF? ^)A3'_X)3^-+%6=:>F8E5P1Y8#A!*D8[D++(BMB!';J=HACG13V+1DVBAC:Y55]=HK98.+UY MX?22Q_6]OC_:KR,'XP!=$H29PTC @4'CA %',.&661\D];UNM69N.%E7)RE MM8E/CU]D@OH$ZA[?727?@]C(M' 9LK4+O[_\5_A!W_=G73]'./ 8 M'"}0>F9T=S<:3A^67YA!3(8+LH=>);$C:R7V9!I_E \P3<) ^)=F&Q;N8P2B-_M)T+9R-+IPQ+8I\<[!(S8/ Q6[H3YD=XZ__6T0%-#E9W,[&L1K M\I6*CXP_N!M9-[A*ILW#DZ^C<'E_T)\|)OUT-M)B%>+=;OMA(./H>Y=_N\70 M\Q4J?A&&%|92NED2E [R\@F-M^^D_+WUL.CLNZ&'L)@_C83+M0#L=7SZN+*5W.)n:8FSW_YQ\36>=2>Q4^C!^_M3!f[.F 3\S .A!S$MQ.O^2'>RY3WPfJNKZRQ.6Z.V,X'YEXQK;1!DMHBY6J ML[f:.QMR05#2673U!M>H*+_TAY>3T?UT M1.4G>?"U^:#66/6W3Q_??E1?W&]!G/WS.OR9Y0QM:%ZU=(<\+-I[?8F[U=UA" ML2K/J&I9+UXQ.+!6%2._#R.!U"%RE\]'1N?@KT5?W4J M#*<\D<6/OZP_N;-^]O/E^\NLE: M' FV">1L,]6Q 42#] M-@A?EL+B7&"D8/!MO&;$>Z.&C99GWW]9N,/J6S(Q8 ME:0/=T%L9"9W9E=/#=.I@U%04A+\K6C@Q_W/C.C^,/? (XK8]N1/%QSU:;7V M@]D--MB7VX?L-]+8#<+<*V2/;QVW8$H#NPH!5L>N=N\|C4V:Z\(^YU:(99 M2S;KL `US7M08^/VBM/B6=CN/I@[&5QV7]K7NO("F='5KG^,6X0,R9BL"A+ M"(GOBXZLV?O<2,V_RNU%XR?9I1Y4;UPIYV>?35R95+0ZD6C#>-#&\2STKP[#*7I7SV_$'J0U[1A]*.+:-MGR;R$HW&MW_[A++C$D1'H.= (H#.0OZ*\0%5AU4H!6TC@J91|)DOR96GJ.\S$> M;3UGWEW!'UE#^&V9XRE+N>.3E\4GG[*SQ4"DW5J\>ETZ^_^]YN5&IT^/1]" MN/|R9>R^Q*+8CBG>!9[H#]. ^2,+/Z\ ]/7!%75%7LZX--B[''YKR!\\\V<|fG8 M_:4L'7_F]U?$V@>Y6:Y:U6>V)6Y:KL@E1GNI/:,"MS>VD1!9:Z4#Z2 ! (*MH>557DKDFM;*!TCW#40WP+4+AVLLS!XBXO6 B=)9A"B\YI "F+'Y4!EK'4G!C$+!)$ R-MF3=8*J?[HBH!M_N+[5/.-W3*Z_5,8\L1MIV4CCS_6^%H#B@T_]B MW? G_R]M53N6!G\]L/9G7W%ER:RVY^7[K_54>I7.-@(66CD%/E$#$(2,81XQ] M#RVB@'K88-GA2M_XW?NW]RPXW__N].6_W7AT\>]R+89;NYS=-O#[6;+=R1S4 MERZPTITDUL:N)Z64(0LT5{2M3THXB5-D$<:,]H)4];7'X;QE"2_E"*MS< M+GK7:?).DY_G"F^AR9N11/-AM;+ 4=P[PX%P!E/B-=#"Q^(0#2P) H>*+]YV M..U]@.!9ED_:Y1'6B;_=.Q-T=5C!L//)\'I0!MV)9G.T%'JU/%#7G1G5 M=E/_ :HL*RS\IB,<6]&\;-U:8::*PUM1)07@PIC'Q0@1/51%'+#6'B_*= M,2[O'/Y<.MOGZRS?004W5<==(MM/IP?]\9>I -/<EMM@ MWCXK&#$5C$=]B#/GJK%^[OI7"TBS#-A:LN?X4V=PZ^S!P'WS37:S"N[\LB?:, M*![B=O\V",+WXHEF%(E8LP1)+1$!7DD((0'>>,XUP%4QKX7SY(O$!1%|'S=\ M_."[*P3<&94#) <2;SC*CAF4&(NA94VN&CP8@^11$ MFH;U:+!!0V(K05$I MC09N,@E64U060<4L2)5EAEON^3*O;_*+OP53[.F68,TA$*69P37UK;)G!)4] MRB& (IOJ!YW>GXVJ'UQ[_GOYX3"Q:N,6Y=D"BW1.C#ZEMR/7]1IZY*H5>-= MU"#<(+<'(K6,HO@.=)V.,I9(5&2/-!H,R23>ZG;L7'(W2B?)V)EPH\3WHUF1 M^TU7*T7&8HY#B:^KB74SI===@#[07>U0^);Q./7 8Z5QD" MUHKO@TQ;_&K*2 2 G;GHZ>SN^UGP55DGKM&**_3D/D2^[VB6O2*(WF$B,"M8!;KG<7?XOO"&L_>YSYG_M5 I<'+,'Z273H/6+2&8M>2SC)9G$JR;K95]LVO MJ1L#P!S\WKS[M)"&4#,1H1IU:8>H8C-1BN,, ZQ?BVT!<#?CB:[.Q8C*SXWW MC7WHT<"&9_]D39'+RVV>ECWNX^+P[1.7!GL^QZ1GC8P]%/R/HH38&X]*BW1C+]Q MQ\|=?W?\W6K^1HYHJR771GHBM-/8>.4P#GP.D$)^F; AC+]1Q]^'X>]#1F+ MCL;6KFH^_]T34FY&D^R.NLC!B.-\<&7?QV4!QA_41=Q:T#43V*A#.6NW8O>% M7TYKW7<]:TF]AF=U%$27!I[5&?6NS >57#@:!%40$!WLH>#Z,.XHHP\9YZE@% M&%8CCD_=VG#4DP)N3A$]7F2F9I>H3@IT4]!"%4D!9)]202@-]"9%<\6!"482L M0A\17(^IWHA[5%<*P!ZCD),"G13HI$"34H!SJ0S54E,&B71*(.Q"(9R %#N0F+2 KKSB2V5QIU;P_!5]EMUGR;O^KLXD?C^ZF MN;Y5TVJ_OY\8Q5DCM1^P"/]'W<>S_/5A"?9.]KQ?7'\<@X9].W@:)+,F\FALM- MVHV"P>92@ANG"6)"*T@!%#H&W\M">:ANO? 4M+B':*FNWQMOF5W6B99.M!Q(MM&AH.8%." (@(4(-!6$0+IIY9*EQ%3V!3NS,A8=WHJ43+9UH:;UH8<);;PG' M3B#B"-/0!\$" !+26XQAZSQ$Q+= $GTFHN4(.7X5/F5PYTJQB; \Z20,=)(\ MNJQ <_1E&$BQ?-;-O_:-]XY1O1\-O^9H)5GU M;A9W*G_.I#) ^]'D[R[P^)1&RL*G[*DYX.62CCB+"/94*4DEDU)YC;F5O(V(-M)2<]O6]Q"D[*6?#=8'=O.2** (,)=4R%5]_D39'+RVV>ECWNX^+P[1.7!GL^QZ1GC8P]/%/R/HH38&X]*BW1C+]Q MQ\|=?W?\W6K^1HYHJR771GHBM-/8>.4P#GP.D$)^F; AC+]1Q]^'X>]#1F+ MCL;6KFH^_]T34FY&D^R.NLC!B.-\<&7?QV4!QA_41=Q:T#43V*A#.6NW8O>% M7TYKW7<]:TF]AF=U%$27!I[5&?6NS >57#@:!%40$!WLH>#Z,.XHHP\9YZE@% M&%8CCD_=VG#4DP)N3A$]7F2F9I>H3@IT4]!"%4D!9)]202@-]"9%<\6!"482L M0A\17(^IWHA[5%<*P!ZCD),"G13HI$"34H!SJ0S54E,&B71*(.Q"(9R %#N0F+2 KKSB2V5QIU;P_!5]EMUGR;O^KLXD?C^ZF MN;Y5TVJ_OY\8Q5DCM1^P"/]'W<>S_/5A"?9.]KQ?7'\<@X9].W@:)+,F\FALM- MVHV"P>92@ANG"6)"*T@!%#H&W\M">:.

P9_M>35L_F[2>#_P-+)_XQTEER8<2|N5>8F^1:D+0LOSZ,HP@T#}2W\DOSLC+O5-M+@TR"WDOBF201-^/>W9R[U2:N/"L\)GH);^__OQZB=7#V+X%L0D2E0OQ&PR_A_M(7?I")/Q*>YR+D8ZM?/QFE?3P*O)*Y@EOBB0++S_+'91&=]VU=IT$E>)U^6\54C>_&'|X>&H]DK]O.M2Q&KN5U,_OH!5;*,'),"DKN!,^,XWC@*/QE/TGP!4W>G-HWBL^,'TX")\[>M,1^]=0$D;,PGP%@<I<5Q-M/"F6W4?@2H0,VHPD2!A43<./Z*[&T;*Q"&.%HB<-MPV2B;D>380|84\@*>TJ$U+M<83/Y\C,>%00PH]N!L,B/@^%,W2L0I@"FYJ4F-M*098'3PPJ-0>,X]'=[$BRN+38@M"S-74QXAM-I^=JIGJ'~Q_WGL9?23T^8N7+@3'=*Y\F$^/X;M_)NZPOLY-=MLY\NTMD-A5E7F_$@IOPEI,V-@>FG,X,|<8&-RW!33R7,?KU#(L]<$6'YW]M4#ZU8DR+KUA;C[\Y%0:\/)V%>TNIQ*_Y*1XYZIY>^QK07-T77I>SU3A5PRP:-M@O'Z=,-4R4T:-_N_7%^_??RZI=W5Q^N+S]N+'ZF/*.TELW^^7Y&)/)R^N;B$W18K68_JM7T+GW:$X:BV%7+\+&V^_T%_>]32]#'Z_^IE*,)S3VE\).^H(X%/XP-*O$':MSQO740$=1,-V]OH%K,V""A?TZ]C?1;5Q[E-8598\;/K95$!-+]R)69+3]?UP-M9<:C;%-@V,M]-;W\AJ\]M.@HPZ"_FH+M,N1"=,%"6_HC^P3AG.YKOCHNFYF-MB@]"HO!>P>-HXZM73H_"FX00G&4Z[!'$A?W6X/I=Y.Z'-EPD<1%'9H@=VKG&%7/AXVMWUK!^YYL,WEP|_,_=_ZC\1!&Z3_N#'R\P4O-QM!4*T0-M%C.SL:DJP4&_?2>]'3Q-,/?1/=MXBIU(T8*4H\4]CAJ313]KG+16)162P>XA5:Y$0"WW"$*":U+K\:]A^>9M,^?]/\]OPB;GAC\6O2.@#9+@J/&>0(*%4(9Y9@3#FC*%S]X@@$'A#CQ_/S_]-M>GZ\NH\|VL6W3F7W*6RV^HY+67/<,#U+L],*LZR\|U-AZL&HCB=>*$\T8/IL-M41BK^]YV>+OG3NGH_KI:":P-Q89V8[WV&"622B6<-M<0Y*1-BA-BJ-O.="(;TE+2E,^]11DG/UQ=#^.@HT_9|)VL]L/Q];G>8)0,$^-MP:PM]LFN"QP^^2Y-4!|2HP=1^HWV4PXB"@U#EK$)$F2#APQC(O!=3">]3M:N1)D8&I0=27T?+-M-Z$(X;$:E$-)E'3"'L"=E!)R8"%S>]4\!5Y-'3-'

GXVN7RIL(")GZ3W_N5_CM:BA^E(|><5@6:S7*@>1AG/L9SXLO((5D@E)8S_\3F'B(3 M7AR9%CD$KW"I4@A;\B"WYR:>[0Z,=X>X.X35IF.G3LP ZX0S@U@$:,\OS73_ M"-LX8(ZST:##IK#SK%:OCIPLD,Y|:^C90(A4:/%VT,(T@?QYAA_X!B;4P!3; M#A;5J1%QD(T62".TAVBQA*>U2&Z-MXP5$^Y4L5MXL%%X<&-=Q=/G|_96B :Z MS=_]L_C&J7)@LI-I{I6I/3@(#KYJL6Z<7RG69K,W%3&WI_N|RSO BI.$TV^G M*^YX3@C.QSCT2=|\-SXL#5;-%EBM:WH66''7NB M<\?Y[N"9MNL22CA%INMYU.0&?|PQZ5[!?]R5CBWH>P#|*^S9F=BCKD#*I*=Q<;>G%RK*W?H%$_W^5TFQVSGA7;'U$<[!'6'LIR=;VYF#|)548:,V+:."Z;WQO MSOB>F6UMUEE_;TZYZ/<6]NF47.>]5U>%YI?:&;%.B_3%I5'5SOFUX^?7B/]? ML2_Y H#4'_A2FQ!M7?L'=K!G8 -ZN,(.G*7$L4@S\$:VY;SIK3@;V$16H35; M-"NESF]9G3>PLVR? U+EA#<,K-$QI_?):CP]-Z[<0#9<9+P]@/^6<@:IE|].6 ML6F+C:I]!U,38VF(!(:%#(-9)]&F3VWJ6YY%L>L09.!@4ZM]>[%E:9%:N=L# MSC6V+S4[']] 28'2;%"RJ>ZZALL\FQB.MRS;I*X#K<"P@.=L!H"_'L,2@MD M#U.U@S!0:@2UVW5+ZX:O*4VM!8:XIC+#Q.0 S"'_-FF_?*0SR_((E2R]F${*_M6 (.'SP.5?E&S=?A7W;$)O=F:W5=0+@[8-LA4#7I F0HP"2S,TP,+86@%CAL MLV..XS#D4(2[?6-X]6Z5K/NP7%W-]G8\)@44#0$*[E)NZ]3%K@T(09 7(,0# MPT0ZALNZOV^LJ]E[JA50+$VM&L.?FD:2-LB$ MIV,7.)87"?$&!'"B>>>XP!$ M8,]@507HF\V$ZH6&]H.M#=*&VNG.HMN[%@VD#6C+^628=Z\H'X+K*)X;L$(.GGMD.YXR/D8&8&HC39OK&;\S]1R:T+F#:OL(OB ME\(A0'C&*""JHU/J&0$*;.+I.K5M9AC,<)EE.AZI.+'2;.)2*P8@0X' ?L5T M=B;GIL/%)AD."ZCM$N0RAEUBZ89CN3K%'GRR,1">BI!SLQE.K1A26ZBG.1 R MP8/R/W9X!ARM5 8(X3TX@KC\YAEHI1'%. :^%/N#:W&7@^W+#,.942\/HJ5, ^MO(GR)U$M^/NV7-Y"+(<%K-HY74O9*$(40"BEXI'HT+*_^G3!/=_6IQH3^(4N3M;M9*4.H:T(. =N3$\ARR)4Q9W0Z8!.N3G1;DHI9/$:D:A%$R:L+XI3B..;?M?5G$0IF#*=GRM(4)8*NSM.B'M&L:1TEE'TJ_CZ.DZ_M_]CD*:\EYZ[_L;C)X!FT$B182&5Y^&K3J/:.G.lV_8-R_>)ZQN.9UN!P5UN MZP2QH"(HL71MNL!EG/B,<(.'Q#(-U[?@V:[M4&HY-B)K'2M"*]7U09LL[+.\ MOIW.JIS0JCPPWH$!/^Z($0=<$D,N#5Z6?,@^OO"$MT0=EZ>!)@AH$K7'TN)X MNJC|Q3OQR_22+95'0QOS!7D%#\%H:LE+=&&0U2D.JSG\O[#*M.U|KB5X$*M<:G;$5-/EZ^)V^U@$9$6PRX=G\H^7553;V?GA,DP=Q&YO.?EL#J-1G=?4Q#M+D5]- KE9G>ME3=_M:Y12*%!3H'8X^]M [2!.;9,>8\[93;SC9!"M,**]NLUJC9HQ-LN/Q'_5,@H'M4SCG)HY8/TD E#(<*87;/1O9CN6X3*SMZ0YWN>'HW.,LL&D0<#RYK)!MUGOH MT1X7T:YA_(!VLL#WS6BL&Y5CWYK M4A/KWT_R1E8DMP[!35PVG.%[<&(YAF_ZB)@$^_%RB(\\0BWF80N8=\4YP7G\ MX(^'>OP*1$C+,IKD6:@(@K+7K=AKE1-C.]2Q=& (9U&"$TL +,*/]GW' (:/M*E0;LD0.,);CMLDQIX.51GJ5@QUDXI[%$#-/ +B>>[E$,-!D31@VP-!-5 M%$&8I5KJFUCUEFU4I;=2]KISTU#VNO6)U7>PZU"3.08G+G$V M=6.'ANHX+;OV3/L-,]1#B9__+4[X#D\3J&7&ALS{KA=@L6P?8.:0P&4N]2GE M-N,&,BS'7B%|_;?[FN $&T"HJY)N-W=42W5'ZP-5-ZP|+"#6BXY!.]M6V';RO/P.XSE/M+PA48[#.(N*Y =+FC-54C2I"6O MVMK=#%\ "!YPC8ND>1V(WFN]AVPAT:IB&A4SD5)PMF>>//_ZCKJ"3I7(;M?=Z M2>MJFN^AT$&APZ)>$K&QHUL&=DU;)UQG#C=,ZC'? PGK@6O8*L>BZ8.&TG!8V MFIDKL!!P<(:!PL(.IX%A9GD4.3)6/1+HOF?HQ$(Z1=2PN:.OP*]0@?DNBVC MLK"30>@=H=-NHTZ);7.(#FXN=IL;EB145) [!M#_P'JRCBLPM8((LrLO%. M=!IVM11#ULH170]4D=]25=:)1W[<%U45)AM7J_7N-*W&+CN^LE.#= _,IBT*.MY'*"+=WU,-)MQS46?P"CHI+/9<& M!- E@Z<0R3!J8%G("H@?,LGPR;=&S)HK2(HI>LLTF9E MA'J>]B|.?)CFF1F8U-8-RP PL"MR:AHU3N_(:B&C28=]E<4KBS\$BZ_,EV<9 M@>^]Q-.t0UR7.S8-N(,PL,!C$YUNU-11"^A RVI444KQ:C7UB12_8U@?>HGR MAD47N)^&?6]_Y=B2R]_M)X:3U:'K6PW-"-KP:R*L?=<%"'V[VC2>WU,;)1F M^15^5/6B=-^4EDNUC,,*_ #F]NV12S7E5$L62Y6=XAN M4PL3R@S"#=_EIJZ#%>]!L#ODHJ-Y%3=K&/5[.74&:4TY_9Z!5$5I]>ZSFR_AWG/HN/C1/\)>^SQ_ MPL4/UND+Q!>S(_$/?ZO_R]XPMW4;>0:S IT@XKBVK?L>,SQB.PX**G-/C4#! MOI[2?\=)\;94+M6/7$+S$^:8@QG5FGNJQ3Z9W :D@2ITX(_69F7%.#9YH!O< MQA[AGN'8S#5-R_=L R2%*V 3#V1E[$)6ULDDS2AD)5.S;E14:!RYN>'=L'FHL<#RS>#2RJZ[9G,R>P'-^7Q[_0fLW!;.)D\.+*.Z M"PH#8]\J.>ZR2V!9%W-V<@{(X:*"[4X\#;U48!.VPX]:(YK4JY1#I=>'7 MJ!:.,5;P\CUOAC3?,7D4,6,!.R$;@JC!\Z%P(0>3Y!3PL7$H#=U[4*.4);$' MK@/U8D!E7FBJ1?P[H72CX';,?=(S9X]-1K2ZMYX0D<@>7TE0+Z/#2 MBW,4*R,1-"/*N"^#';5\0&FA OE]6@8P0NETO6C@1_5#A,?[":049Z>++#K0 M \HW]1I-I5^7-$S^3CM]/N1,:.17A$@FW#-WP@&G5_?:WT^O [C0OEZ<M/OQQ?_'UXN9Q1;8UO\LKR&EIMK6$EGSE5*B(V-YR%W="]IK]NTICB,U! SP# MV38FI@UM!L9NT@!;GF_@]@102VL,)@%,<2XF\&P2N)CZV/*#_GZ!]&F8L @Y!# M=3_-&.MSIE2E% L;$>AXK:*SP2)X)A2D((QJQ$!AN6NRW2B7IE8Y\ M_L)N'RX6;_%A9NK$7?@3GGQ3GE?9+,El@[["]0AFDOG\(2#A,_-? =R@+DG M[G3BE_3C5-M:$@OF*_,*%H#7L8!* [VC>3"^O7T+;P=3!_F@A\ %>UER"2UNXE=+Z4_FE1P5L@"\T(^K_M&W@(?/!//Q;_Z8(Q\U3"7R@D+!(5$G?@.6*Y#?XGN8SV3)-OO#?&C3-L*K!1 M(:.#IY5!3&$P0OB?MVI02S$4K ,6\I>C ML_N[RSOZQ,]@-O[V"O\:A)9A]-$QOO:OPK++>0]CXU[<+7]27REB?J-%H*K> M +.NQY.15Y3U("^A/C9@2PC8F. *(P(>%?K19UL?E=Z,EDO9#!K=A2O'GKAT M3 -H\D>- =E[H:UH^ VIG0Q4+@MNY^%2781&*R0K@Z,9MT5@5=>3+M9?+QR/W?^U=&':;KUN_3?!OT]OI[?7+=A,,.V8?9]=B2=0$) M'.%$\):?'T_/KB]N+!O:QX%#Q3'YO%3K'@+"*:73Q_HN'A*GT;^7AG *]V0 M>3>9ZP"XM0[VPK MPW@F>.#EW=\(1;7@:QKKH[*[*T4+=*6K34;#92,/V=;8//[@WT;W M7.R-#Z.G,Y]&E2&KP+ "-Y#5LPQB4]LQ*MYCF$QG[N!//7]CT/P A&$ZNA[8 MMDB<2WPC<%PW"$P?V,KI4>KH:P4@D+Z2WH^'R93>,USO9?A A@-$+$0@J%CC M>Q:.*31&>_PI3D(N8PCY,F$>:9!QIE+<06P.$3ME.L46KG@HXA?B[H&UQPG_MN'HU\EV^ZOF^-7"RRX@?BV)PHVZWG +RV_|[&&,9^:>,0_ MBX=&YIO9"K;Y5F@$K12915C99I/GI*4]]$4&?'6UW@=M*00KSTHC'?$>0L& M@/67(S%[P>?\M(;\G"U.9E]EBX,LZ,E;CU98@9VS%V:P;CEEI;'F'!+/H>]W M^)14&'D3#.N75=) (E$ZQS#OY-.OM.,V7D[E']SM9!2_/\[Z,[4N:<:*J8HU^ M8D!KV=$SL;5UO0--%6.T^,&F.:-6?;A)Z5$C]&A\+_2!J-'$N;AZ47)&%B/ MSN+Y':]4,1,4-.< .]3+G2*94H"- L*L,N9Z2TH0/&^C'NTM8ZFJR?^,*H"\-I-ZX :K)_LPJPIQI_N@L.2?PR3T4+Q>G2D0C%<+#J M&K*N93'LI9*XNM9)P6UE%57.0;JZMMRR<=.Q?7LT72@U4W$,3DXJ,D? X+LK&?V57^2I M LJ(^)T3O4SX?_H\0J^C[Y=^D0[V=OK.>0/ MC6E^IH*I"<^"\ ?WC_^/)_'1Y^.*"&<-5>A-3*P**-X64+@^9B[C%L#;7&"HR&G:@9U' <3H! &113^MP'(4$L- "B@44.P;4-@<$]?3 M?698-D'.]#A"R, 0VU$*-$ITSEX?9[I>MAFON]:W#4<'C0#<.I>>,K' M;22XA1RBH$=:!CX*>E0@GF$S!J!)8I;65<+69D&+KNN\2Q M+9^@("")R8 ?>28F&* =%$N,= TXC%F44X"C 48!3PR8AFSN<^(C9G)@F\;AO M^]2P,..DU/6: 3AJ*48!C@*76PS7'D#UN>O<<<1?BY)K=Q9E1UF!ZA86P=W!:X+II3> M59=6W&VYL3I5$2_S&"6V.#:N$X;KD\<[AJF9UN>C6V^PO*U-(ZOTC8NA6D< MR#+4Q JX8;4.C.O:W!D4HZF&[#V"PQ*[OAN-#CL?.P5X"^Q-<@C#OJ4CT_,(M"TS'=DV3ZP$WD6$9Q&L$X.W%,MA>FXJ"N?T=.P5S\V&.@3/G@ MG^H%+7,=T M+=]!@6GJ!G9=W9V.XV.K,+<7BV|[;2H*YO9WI!3,S8ZZ+ M&:8^?+]ZNBVLQ&84]RSEA6G1F.36DA32+1C4"'78^=@KP%EA(,TSD^LCTN(6(XU'7 MH<3Q26"9C'/+;0;@J84T!7.-Q82=CYV"N04VE3"+N28.=#L@)$ "\G0/T,YB MAD540$\WNKE4FQDVLOOU9;8L%HXS4AI M.(J?T#+-C_M>AX\'6\/R&R[:TCHB$"3 A+D>PHPX.G=TU_0F!O9H@%WN&SKRO8J$ MR8TKXKQ;AM!'[H+,*)11*;|(E7)UY 3= <2D7!>Z[NL510"V3Z-Q@1D6VY,95 M<&O.RI'"'IH4-!X0-W*(6(B8-?([(;B''-DA@$]U&CFO;>!$/H@'3O^VT3-UJ MFHE7<>Y&V[-;)-@OXV4VU3&5E5A-XGC,0\@,>& $'-O(PILHK-3010)P_W6U M2*"F>(42%5,\LAT !Q8@TR$&-QR+Z1[CU"$PF5.CXFA:X]JO*?=?88/"A@U@ M PXP\ETW"%S+)03;K@\7 I/Y&'/?\BOR6C>NXIK'!H4-"ALV@ W4L4U&/)>8 M1.1R!+.#Z4&03ZVF"\O4NE948--+0U,[+'(__@)KE)0A\$7^5X$*0Q7F'4 MH]D$@]D$A__'V8=RF__]?S73Z/;*,;?=E%97>M4BXN5KB.-@Z9UQ4 G_3QO#4B_^Z>],!4. >,V/8M:!B+SAP#,1TQW^+PC\T#=M>.3BGUE<;FD)R@LO7*'#4*^.#]*ZN7\\T##2CK6'WT_O+[3[B[I_[L]_/WVX MT.[N;W^]/_WZ4-.%%H4@_#\1UI0E4 E/GT0Q_\|+ M5:O7[M>I2_&:GTH]_;*NS7=6M?LE[%*OT@SQXBLTA=SS C],.UVZ*LP UZ, M1=`@F;8]KQ0E')'3K:LVY-&HE*?LT#--N3FOV*$W@@.1F 8[=96]S"Z(Q@R? M+*]]ITE(H]+ [!$1Z"$U2,1&+ZU*D5Y'VP+L],95K@*;0D%Z;:^?Q.W3S]4_ M.QC9OZ:.64P37XL#[4N8<-+DU2C_5X[3] MOKPCX=T^T J:"\]$]=TG\E-#GT\$53Y!]CU4(>_*TD***? BA>D9YH!S:6!]8=-3RJ.UO4-CD;E< KS<&OUP[3,2 3 M4,/%A%3 'ERKI%F H=Z4'?4\?X9@[E\ V4KSJ<*HX]D&.UR=$=L+7$\/J&D' M@8ZIQ:R*/05CG&OMF;4\90HD/@9D[.5%GXY]^GK\RFERS*.CST,'!5DMZ.2,_MGS.(=Q0HQ)\77!]J7FO1>&WM+2 M$.!$>LS=K T#SB>^ZG,I(6W0=9UFSGU*'$#;B K@"G(#"AW=>H0/_|FR&W M8MD/#%TN8:,!9FZ>./-U<|R\|.9?YD*O(-!$=%AU.I$.7USOW%,@#F!V=TQS M6V) 7H 'J"W*Z#8\.WD7:;?^K#{(T=Z5'1UK3EA!*"&4@ MT%6H*B^$:; {BQD%[>F'TE W8R)))/DA!$C^+6P=#G?!G&D;BGO\Z,"G/MOEJ M;_V^D,9P47'XF\GE19N;Q.'@P"-J$I-8E#,=,,"P'-?4";>F;,'>W/+BX@!J M 14Q$XSDRM= -+LC[Q,'4]Y%G<)|[A. ('(>P<.NLEUVS.JMJ7K#G8V.MW4 MLQ@H.*4A)DY0\BA-/]$'R'D2DE^2"*SA&Q315EJSK6.9G&08R; *SD^L'-N:! M#UZHX>NX.O'.XHQR5<]HFHR/4\Z$G%_BQ$\%S8SB"0QE\V1E9LHU;+J<|)\N9>=UZY*RB1^XZ>E2Y'6/>.3QMQYBL:,%V\>;HK[2.2UQ%HY3Z0 M>3>MN]DM!.5)Y>4KH'>E6[DR9=Y.Y+ ^JZGFQD-S- 9,PC=E0R8%!R$4)\ MSC=$RL_9'E?YYVBFIC?)XN1,4>S(U/5??H5V"'\#7A;T9#L'N:/=>RP_3>2D M6HJ29"_N5J?DFJS06K'CJ 3!W.6^XR6N2?15/[M+C:V%4L7Q_8)%/W3).G,#H6O_BHY=>67I"XZ'X16.1/5F-8O?Y+075AY1YHW59%7..Q0PU8NP^2>YQ/DZ@XAANU0XILN MHJYKFHRP'44R5CYRO#40KEN%-^:P*%!1H+)M4 DH-@S/H0;W$4& ^YV'?X[I+ M,%N'_AD$E3P %0VMW%,@8H"E5V/B *5E4&%F,SBNA50#QG$M%S]>]ZNFX&--M#=+MT=[7!? (E]%6E+-x.MFR#4_2>]EY_/SR\N+B\LXA\GF,.P2]FC.7U-5=<:.+T9G.DH[\UK MCUY=S&XW_:.UT!RC@66[-8:ZP0QAU2I.EG.I/2"3/GIQS;R"F&O5I"JL6] M&^9?***122-4PI#(- W46Z;NB6Z1+&+9<%)C/LP$;69UEZ!5)M9K%;(95"'H54 M"JFF(Y7!380#$@EFG)@FHX[C$+G;*(;+"N:I2/!L0R>C8GCL5V.?&*ZGHD /Z[6'I&*65_QG6X%LH*T!- M.>1^*!2\LGI? KO]YBINS^]O+.]#-,]#;,Z?PKV&FG0ZGB91R>|\W@6,7!\GS M*\7Y[=PX?BI9V-@;LE/'(Z^H.-&^W)GZLGDZ$\?;1]+ CJ;&/?ILH]&T23-; M+F4S:'07KAQ[XM(Q#:#)'S7:>.&O:7E5X5, [&23&S7(8Y$]JBV/N%9+-ZG?* M,\N9B+1VWA5Y/+Y N"P-0B7XY5\=?5B@6]SZ@L.R\LZD@&IU)5QL*PJ?>]P MW/(A"GN@$ES9[+U4:R<'RY^/#V[OKB]/+^|>;RX>7PX^OPH4TW%@78N8#3J MI9\^T"QE*UCFW4N!P/V>6BT19NHG"+.?S^]^>WBX>KF|.;+EZN'T]_N+RZ^ M9AW]/^.CT\CUHZ3X^//HE.+IM5:M1LC]CFU3Z.U.PNM^_)P=WD=IKW'D81. MI91.56N I6EB5$M-TJV8$>028%6&BZO'BZ^;>S*CU.OHXVF_%U<_?LR5F&$? M\M634CKZG(-H=G6CP9AJ(X,]_>/]\??MI/S\|H^;QU-QX?:F^'AU\YN\5+H MPOG5Z,6X!?SZ]N&/^XNJU*$KUHD=FSA&C:-BL70D0>_1YQNPQV)6V8I,5=T M,-C[V^L'Z.+=_>WYQ1?HEE+RI97|M"E:G@=^G5-GA@.Y&4:O$=0&.9YZZ4";> M+NI>RVDB 6=/%/BD"AYEQ'RZG%3I=N('+V,=M/X$Y/X+Y5]3+:H&Z]=I9700J MQB'L#IH4PR_/VR$/M(L?G/5[X7>NW09!R'@BFY9]=QE&-&(A[13?M32>]2PO MFLF#@#-Q<\33M'BN/^PN*W>W.^BN2)8-/]YEO5@DBS%05GG@1/M'7]>%IV(T MPK0M:PWX@!$2E;NA9YU73>3&!\'_+_"VEGA=VA<%'7CR+,H=^CP(W@TW"Z*.M-J8:,N@Q.MIE-64T9/KYI!PZQ.A/(#C1$Q=%"%MP=PK***00B[=\#WV1FY>F M<22Q XRU#RZ$+<$I#>R.)?$5Q-'TK"%"<@GOQDDOU8*P4RYK,>C^.M:#M"<3*"'1?0,V7=35/Q9]I_!LS[X*!SL.%SL+P MTRXG(ONGJB7*4IC=D2V99D)&40!^B0HI^B9D.D33>2+!\,UU#&9+3]3 /$+ M)=K<(L3'171QV$O"$BV6M4%!V/GHECH0 M<;%SH&OP\!>;CN@W2!RNBL*P_^[!3_+GH%XE88EWB;I"QV *$1BDD$='JDK: M#KO0KF'W8U.Z.2U7"_5$.Y-U8s#)Z/.5OZ!;[^*D>(0WWQD6_GSI4UD M-5MGM*MBV+_]. .TS8HR50YGAW_GG25]H#Y5=?!@ _. EYBBA#X6E#6$?3\ MO% 7F/-+ LE^">-=TQ0W;$R&?VD7]$4]AS#FP;Q1&&A(G$BWC^;/-$H M+WPR:+Y85O5?ZM!?M/>G=|^W+ZOL]-5E/:,,]K/"HN',K=_FPLW1NN$T,JL M,:TEI/@,;17%+;L)&#L\!A3? YSU1P%DT'QXH5205[,+26+H&$L'S+HM1'AW8 MT4$%[ ]Z/0%*A8.@ZC>52D3+6@1A^FTP=G+R&B"8.)T',]N54(R!S7E#$606 M(<2@##E.U!3TDV>/" <;B>4T#:TC;@#I@%/B),R1HH7"SF($E_P MRI,*F%L7<@!GI9,UW?E=?!2G33D#&Y$39&XG6LI[N% H6*@X*>.%]+-B-"? MABY34&4P?NOP@=&);DD1") ^A-*E5DX*5Y[*JL7RLJ%0F?M+E]G?^0.*584/ MT^T#'C'ALXJR4:*Y09@\M@OO'\,+;-'^1)^!+3_&,#]PI?KZKB6KSE{Y;GT MJ*10VOH:(R:IGH3%,"H9)0\!+LB72ZPM:$8;U">Z!,=<0_KQWU8!N2HWX7QH MUNLX!6N-+0"5I)3 22Y0!@!K.:4$,!'_$:+-=%HR4O"YA1UVP*>EDQF^KE^JKPRHRHS-8B+[@R M\C+:.!NE1ENKHS$BH<1A]F1U=]8C-5 5<1D,;U3'&X??ED9V(PZP3B7DCL9@) MJQG]|/^.C^_N:\7JRU!]|SE,O,_ W[_8Y)=??CD^_KP@!MY?W-W>/VJWE]K5 MS9>+NPOXU\VC=G_QV]7#X\7]Q1?M]H^SZZOS\@K\Y=7]UZ4A\?-CYI+)G;UM M>#=/TGP9IK^,WRX:\>_/5'(P.VZBEB]=/&V"W0K]UN7E@/BA5AL)6V$==_M+$F6Y_7%)Y,*86>K^.!/IZ$?@=M9#[^ZJ>AP]`.N_EMP#C'YI/]=-:+)GPP%D< M(U.3V#N1M7VN2$9,]NCSQ,A*=P;_.1.CY=!<+U4K]3\G;6*)3DRU<:.(H_RV M6! 0TS>(!N;GP4PM5Q/ 2&"_= M'Y$TW0?A)*? OM7=WYZ>W9^],^1)D)&L^2)D,QW5(H^.!S=>XY3VR3+1@#'[5 MDN%PX;*L>')M=K#&KV7O^*9W"P%+FQQ._\A:@"FV0),/P+VW,D6Y^,AKO;: M<]Q =,)!< MDX0>C>C..A1T &9"E:7)RJ'=8$%T"F,N<>K)94YUB7)<,B(U$A\K$W\J1P[0 M8R7'IR'&'R "*8<+LP/1+PZ5LD7:HX2-X;>YN#.6^*U;H=FO>CRI=F8#D MFP2+!F2\M3+J0+VX#XJH6'3':C#Z)+0<(Z>.D6?2+4OI)#;7M:"S-"S MU3#9U!P/6VK57V!#$:02:YUY@&I8D!<@A4(G9)U!P>+_6 17*NH[!%Z8@P2J?)*08.*C(M:=[9A(\[#L*)[Y'& !LM.0V M!>$C=U2'\!CP'&B8R"AZT)&3D-A'(=8G:!Y;$;\1U:3C-!R9.H3)}@:?@N-]$)C.>+#3(QI;:>"*#@==GN9 M_,#IX"*F(\=DM,NR^1[/(EC%GH2*IM ^C'12IGXEKS 3[/]0? IL>=*GY_%[<|H9Q?0>4H M:T/_>KV]3883_'-96-!&3WGL1]3!F!5M6/ND1P//>]2B0PUHQAJV>_QC=1C[U M$,CMX"\?]U=;.?_ BEUT2/=,=)HDIWXI',_+#GT]!HD<? U2W*+,)0T2W'<=R3<-P$>64 MLH!5U$J#7V%WF,BCZIA[0#LIG]&LFS@JM^PQ>8YZXPWSL&$;NLMLPV.$VJ9C M(-=U8-(WB>6ZKK6-AE6+C.J.6[ICDH %Q,'.14'@(AWI)G- UPNA&6C977K;K MVQZW IT:E# !<%R:V\33?<=%!K77DIM*WY33R?#ON]!X&X.JJ_L84$'$/ M0WMI_W#QSXOS/QZO_@XN]N75^<6]@HB1V^]!"*0W'B)R=6AI X70 MW#]? W=Z?/EYHO|W^_>=>%.N.I4\THS!AH5'N'B.RN6OX2:N0:34>]6N M>OPYU8B.6O O4ZZ!@NTCKU_9[Q_Y]_1[*S*>)/4QV.N1^$-]6'X[^)4.1P M=W<$E^N? BUB+M^Y.*KZXS?;0"&785_;(6N#F70Z(E";G5<<+(.-QDHKI5P5 M/^WVD[0/_%STM-1$1$ZK3M,4QQD1UC6?OL*KQ#)*%LB/_.*.(!299K(-&TRL M6Q0;C\H[H$L[YQGMRI?FH? J[^]N[VX?3;PUIQ]K%=38AB2U\0YTMPO#Y'5]\N MKJ]N_NKQ]>+B0;01V^!V=@M3;O[,,,D^%.N,+$ZZ<9)O&<^DD>]+\62 M0ZP",RXBQE5J.%$(,V?.M@"L8@*31YO+? \SULU)8"@)FZ MK\/PQ4@SL^7SRL'*.N]B\U90K(ZW:?+$6T+T+P(*1,0R6Z#_NTA'>Y=P$8L6 MIU9^RP)/ 3]*.6=3$G/B[$46)+PG@AQ56RE%.<@D2E^ UV_CRDTX"R)XV!' MR#0P[W60<12)^ /+3=.O1Q\ 2U#'XF4N"B]R4G96+23'>GD_(@#>,) M8BOVQ?WCZ=5-I>"';?7&[QJX!G6=_8#2M|-IV[@OX\7]]>WYW_+YG4@PU=? M+NXU0=>6]A=? U99;5I"Q\{F5UH M8#223\(E&+B2W)2.3(\]L\IFH.8.X$]2<$%W!H.FB@QMY&NTU1UF.6+@%\TJZC$3,=CW)59(-]PN5'% M=*]FOF#.Z:DJY*KTR?!)CCQ3@;STQMF>T&Q?:)Y4JI.YEH4B_<-"Z50:VV@ MUX*.Y]Z$=G9Q7UR?/EY\T1X>P0GX_?9: MS/Y?3V$VOW&8!?E5Y3C3JYRBTC,]R^4G_V. [HMP)GICSWL M?TN+;V/+P-,L;&R!:\K"VLX6B/(!=T?N2CO+]HY&2WJ^L$1L/7 M*0IE'M&'$>Q_O#\%/,B"HZT\G6MF&*43Y8T*A%2B+7%/S.: N@B4$(D3Q=+" M. [HQB$!76*4O_E"$P3Q_]_*02KKR%9H_,KX=W=_=2/6+JZ'&8@O00:GE>ND M%4]1B+@F(*$(^) 04HYJC6A(M)'BIN_PZN0%62WY'7'OA*JNGI16[[6:(MZ3'2465XM%X NRH=Q;T?YLC*S^^'7SMY?BA,_EYRG\P*=^8-/__AR]3BQ5KER MQ'(ST3VUSCBRSFBJ=4.USMBP=<;5]KC]?7,!X=^OSJX>![<$;E%1X> 1G3I&] MD=MJ9%F/6SU/L),4F M,IK*)*6#-)79)/^Q?<2>%&

*M,N&N&2FR9SN%0L@UCD&{@M=&IM*M#\,L%IG#}@SSR&U9/3*IU.8E*4JTX/L4 M)3K4V$^#6=X.$*AH4,4S%0VJH$$F_&V;>6569Y7*K+KB09OA0=J"/ @A2814*

*MN:*EM$H1H8.G0HXB0ALG0K) D:F(4./\#T6$%!%21$@1H8IG*B(TCPBYJQ A MI(C0F@D,D';Q@[. ^I#DS#O)H/ @XD]|E/.@F_IYG@E,A(<6$%!..W#2G*2]fD MJ-*

#,EB@JM.3!%!7;.A5;81<95@Q%,90#82C8T$T7F^0##S!0H"O I, MP8]MK,-6+N/D65"/>Y[VDI#UN)\GJ#Y]H8FOGJXEG(NHCB(.BCCLKXPE3#3\ M5,AAG<81*;2M0\X[4 /C6?*

#\@^(9LYZK>,.\-ZF\ YM'U+TB-Y4]:#HH[0>Y M0::.;?BB A*5^PO@IC.I2.(2CMF!=1eN.En;QW@OGD=R^EB^#/(8LCO\|Z<:>]*

MI>DW^&G2S0=7L2;%FO97QB=8I;%6K$FQ)L6:ICY5L2;%FN;V4+&FTC,5:YK+ MFE;.(6XIG'2+/]KCX M$_R:>AU>=8.PDA,-,+ZN[W!%?BZ%$_G%Z?F8!M"WCQKMO-#7=+KY?

6HGQXG_OIVGP\/OR&!]}F-_Y\6E _V5R M]'[G%!HZO<.EYU2.3V5#5QKY?)##'N@;RZ]|HTE(H]+K,@F(M3*0CD%(LSO_E2#^2G[O4]XO/F5;(/Y>WD[*U^'Y/_A0,BH.BC9IY@Z7\T

MDX#MJXSPZ'(VLSRTKWZ^N;9.\YI$R#T@P1YP@=4+fO7'+":M>R>S<(;B\)L M$^P=G&>/6KJ5D.0OMUJ7YO2FI9VSSU&;OX8^\!IVd!L;Q[W(>L#9P<[CK1.MSQ0P26^TE<--

SQ?F_)PWP*+:.$C(OJCI0%%]FI-G-9J3.VX/Z<6@?$\CY;W' MT1E%+A2YV,5FO?H$L)GD<X'6EW M)_#?Q*?1Q!*_*7USM<*_P>%5OOFBK]ZU;U!3L17EFR^R]*]_D.#33(DK[UQY

MYU.DI+SS_?3.-V;BC3?>G7K|&/XT39QO!3*LH=?O*]|_ :^_RM-G*5KEWPF><)G0Z)MVS?FA.)4-=MS_YU!DW!3'O:F+ MO ?GN!L?$!+G'YH:Q7@.;?GL2OTR;#3=^SKS\|A5]^MK;L,#?

OZDWSW6X=]'E M;/HZN"[/YR$[$78.0#MYM[FS-^^RUVB]-^\4C)MT/ ,; TXFYO6%.=G.;\&B MWN%6M6L#'ZH(G,*Y,V7!*X7:W/".66*ARP9l,'_78_3M3R8[_]- 3T&LW]C MTA#J5]=)

L;UHW2ZFQT_Q?%6\Y*?O1E%+0^09REJVI1A*VJ!.7>+$M'J);IATI0^4E2_%9@RT?PRY8J$UD]"^TFOG7%0GJ6C%E5-) MGET!MH>^EH1_2V%4[BQ/H.#S@

MCB:]5^VQS1/>BUORY[>B.1/?_/7N:YP\T4@[;].4:V7G:N MKY["9Z0Z+;AWR.5C)LX$3M)K08#*?JU25+=Y8|(4]FLJA]6HI@$,Q#Y[5XKJ M'B#O4U2W*<>65%=1W;YGNL-

SI=A05'<'X>7P!U#*7TS3E/>TZ!FHYF9FF?##U MYF[B1*KVSY#"[R5!O8K\?MI+0MK)$MO'S\\\8>*CY*KG[3"BVG7X' HJG=\'-M_XF>_O2S@Y']*!S_+*$1:

!]5^]0H;?/&I"F4MJ;#LF^522E*VY%@6\G,7I2CM-M ^(16EF(7Q=%.16EW7M=;B\)L M$^P=G&>/6KJ5D.0OMUJ7YO2FI9VSSU&;OX8^\!IVd!L;Q[W(>L#9P<[CK1.MSQ0P26^TE<--SQ?F_)PWP*+:.$C(OJCI0%%]FI-G-9J3.VX/Z<6@?$\CY;W' MT1E%+A2YV,5FO?H$L)GD<X'6EW M)_#?Q*?1Q!*_*7USM<*_P>%5OOFBK]ZU;U!3L17EFR^R]*]_D.#33(DK[UQY

MYU.DI+SS_?3.-V;BC3?>G7K|&/XT39QO!3*LH=?O*]|_ :^_RM-G*5KEWPF><)G0Z)MVS?FA.)4-=MS_YU!DW!3'O:F+ MO ?GN!L?$!+G'YH:Q7@.;?GL2OTR;#3=^SKS\|A5]^MK;L,#?

OZDWSW6X=]'E M;/HZN"[/YR$[$78.0#MYM[FS-^^RUVB]-^\4C)MT/ ,; TXFYO6%.=G.;\&B MWN%6M6L#'ZH(G,*Y,V7!*X7:W/".66*ARP9l,'_78_3M3R8[_]- 3T&LW]C MTA#J5]=)

L;UHW2ZFQT_Q?%6\Y*?O1E%+0^09REJVI1A*VJ!.7>+$M'J);IATI0^4E2_%9@RT?PRY8J$UD]"^TFOG7%0GJ6C%E5-) MGET!MH>^EH1_2V%4[BQ/H.#S@

MCB:]5^VQS1/>BUORY[>B.1/?_/7N:YP\T4@[;].4:V7G:N MKY["9Z0Z+;AWR.5C)LX$3M)K08#*?JU25+=Y8|(4]FLJA]6HI@$,Q#Y[5XKJ M'B#O4U2W*<>65%=1W;YGNL-

SI=A05'<'X>7P!U#*7TS3E/>TZ!FHYF9FF?##U MYF[B1*KVSY#"[R5!O8K\?MI+0MK)$MO'S\\\8>*CY*KG[3"BVG7X' HJG=\'-M_XF>_O2S@Y']*!S_+*$1:

!]5^]0H;?/&I"F4MJ;#LF^522E*VY%@6\G,7I2CM-M ^(16EF(7Q=%.16EW7M=;B\)L M$^P=G&>/6KJ5D.0OMUJ7YO2FI9VSSU&;OX8^\!IVd!L;Q[W(>L#9P<[CK1.MSQ0P26^TE<--

A91!BM&^(O8N.]2KC!9'RZ^7Y)\4]?YW,)-1MMEC_MJ">>@-AV_A.:92K#XSH%Z@.T(V^=1,TB0^.MFL>-=']6NT>M]D(75!,-I-QV4 M5#H[E!?$9*!%>K@^>PO\#W%D1!QU^-68R720KWD')1C*+,/NJ)5[4K;SEPN%.*<:GPA3KC,6LLI:LG2O[M+4R%F\0WWKBJ/+JB*L=+1X_IMH)[?\ZV5KYFC%=Q6JR3>I1L>I@#@X]Q,_LF M;BL7A=+DQIM:&,.==_PMYK"MR6@IS'W;X>V0/TOYGA#_.V2!5TU&.HSGAEO)(MS2VVC=?]0^P72],+5DD^_V.L)4_^.)\!Z8K)W&/R/2F,DH=-]FKT)/(<;SIZ M5_=3^F,F=R/MGH25!%UQB^)Z'(^82_)%[A6I%.Z!'3BM<?0MFRAH!@$ZYA>0T;C"OL/F,#X.'F]ZC^;2U'/-[#]4]@RMN>P6Y M].IX;%KVP+<-E/N/VT/(MB8)W67Z@NFEH6]?LF-D:]Z*1*37\?7TC4++K2_ MY"8^F9"Z%Z_NBG]I/XIB\^*MTRRUH-6=P>^_VCV? M%(NU'-<9_X@]6=%1H MVU2U>T<[7%D]{<3]RXV!(=I4YB80)R[5Y,4L9]V8Y(XS+IG/3UU(FKCV.\]PQ M,R57RW'+%13+>65M'#^/9H+=S,F&K!OL5&:/=N0$]PEZ6DCF.*J;6F8Q>P M$R$:[,S6!CSHX]ECU7+*RO=&94Y3Z7-PPRL/2X(>%=SN#P'O=R MX!WCK??OC<&7%'6'9"6J;%'KALU4[A=@NI19&].1EEF*86K6;9'Y=T<_2JO* MZ7F3!1(9)NG'*&LM4=M.:!?;ZV0O_.*.M?$&5&+T5?!XS*S-K*)W2_0?GF_^A$'*^1#B1*H8$\5+>EF M(Q2'S#(KAI9\KDK9FVCF-.8T@T5Q2:E!=A;"P,Z8*U]#:J;;-N/G'6A?0[MQMN!ND"H).//1,@AF$MM5$3\TV36Q6BK2>D+=)2)4. !A)'5+=&%F]+<(ITZ M!-P24@,%0BJA\3;FC[6;=79K#/#'BR*,("9T$%HC/;CQ-.81W&<-X$N?"_.M=!5CF?CCC&Z)O\& RR<@'BB[RRW+MEG2%U"%A"%=QP<*FQM30/Y)VZ\54)[PTM]4)V1;,VH@Z[F+,.4RHLD],V=H&)]#=M[8UA,Z_$K1;'7PM;_&N,D9#]97OY M(K<212V."P "& MC37JQ.6P,2=1E=!_UZA_B0 E[EQ-/$18@R(<9[N9V8T[A]LOY.?*=+^CO@P#MLFQA<4V!EG9;:*;L9D8I&M=J3H;&QK86S<\#L#!BUS%_85#:EL:L/4Z,*# M!2 .F8LBJ,V\]$25O(N(H<]VT@#*%#=2 ^=1U/A>ME-<;"BM&P<$*B,? -\ M+#>5WL5$$K54]CH,B"U.U^3'93#EKN<2G=Y5K;9 M%)VF>0]D;VC5U2-)"-(*CFA)D];2Q;2KP]4G&(Y'DKS,"_9GQINK:7D>\/F2 M:_YD2BJC]0W#@\Q 6'^)L=OR1%+-@!_? B -##8U;\FDUD_2VM#./P6U3YH1?MLSFX==)\,Y"F:,"4BFXJ__*ZM""AQ%+>><-G&M-2TJ[Z(,1)]/O'_.^.&[6 M/:#C\]&3Y]1AWD;KXO&07S07OW/DG!3S.'S3F19?RYJ1[O$UYYUD%:MWU&E>F)T7 MC%Y*E9_+J%[$!N7)@8F;3B./T%B;JO#4&=H;FM'(QZZ9C3Z5/4R_0<6COO M'&N!8%5,.)6.XROG6V?3@Z+U"X:PI^W&"./M0 EU4?0#6B+R' NI5IA*+ASHM^C+I55$T7IR7XWUUTFNY'NM5M);J8593DF.K8?=\fV'??&M@4IRCKP9<<,MZ3VKA@-W5:,$5%F:\#S0$+8JM M@@BP$]%4I*@O{\CG634\'$WPJNS)DX55(MV".A1@-=!!6SR3MMP\T5R$<;%X!fV%23P5#@"V-??,M?L6 R=?6SQ2PM(:#VL;A^O+1#NV7OD! M<%??)%HR='EXT%*"=%TZ'*H_.P 8NL3&H\+:A/2DNOI#*XXN7$ MF,M{(/=*_M8]&:P1 H[8T0V?E%P>?WI^VLU+LKB@?Q$]&\:&E*7H0BI.NI$9^S;RP6VA"-M)P&WYY8KGCAJA0&%PF@#*BF644]\YV/SA>Y6Q2"%82"&C:X87J_^X\I;-4CD:-M"KTHR@!H!Q-FT&JVI=1+/,0MHSQKT"H8=>U1+:"K[EF?1*QL^VSZ!$;4;)MBQ\K$C18+Z,=VI3_'>2Y2,89AY82U'"$&/Y<%5Q K,-W+!L)"PX!)P^58 $P: MA7#!""V5D&L_JC$8##9SIY]80=#.(7;Y5!VZCCW'->CP4C(46P)BVB$E"PQ]-M>[SM:U!V>* A>O3%L*VM*C(/*E&/S3ZS@Y6,+[V)HA C)3YJH\H($W^<$0C M< 3K_\!&\B,]F:T=Y2^6'?!5OPJ6Y#X5@+0OY?B1KG14%(-3V43,M45RCM!D M&#=]SN'LU'!Y\%)\B.4B?*]K(;&GB)T@X"5=6,KMFA+S@K,[QCD7C+0:=DD:SH#T>3;&@A64?\>.=1#S0G![M.QMA&4XI9$['@#=E] ITS#0#(PV;1<,$!C(ZTE4$B7H8=\3##H&*/@&@$<-F96 M7*PHJG2SLT)H.HA4)#=.IO\5,&L11T U&)TVFN@TQX!>]E49N0;G/;ZPWK2 M%AWE15]?\7XCS;?DA6JC551IRG_<5B.[A_\PM&V!K.FX9T!XUUKYGKL"BL&<+-9,"F8A\X/*W2EZGPV3VV$')8RI8W"/E96> MQ"XK7"G]W=&;_'E>3]6>M^9.;SVOL)1_OB7-<_"R317Y%PELY0HBJ6G_O'[3NUNMSOW&4]%OM"?.(%13P/[:M]UR=3(W%A$DWXKJ=2.'>5E#0*828/"5_7WV5_ MV*]7[XMX3X[#>3.E/3K"99$U#MEI,*/DT'ZX/R;GK]3*A[<$K9: M:N%[L]KW*4X@#)QY)=?-^\%75.'?@[7V8BS!Z53"PL4M[?_G"A1NF)$8Z. M^Q1/O^=8.B0]/V91>.Y-R,.U!.5F&YG QXJ#\R71[L?COHP>?\E?LI>P=6^M M^TN=@L#DV#KENP(9&82!G8TVX5LOZ3DU6T_%CAE7!]S,UM-NW^^2_$R&1E*%"6*;?O-H7"1Z1.L2?KTR1E%L69M3J,B^YDCX=]:X.LRWN"S M-1^GU"X90C:|\?Z T3@_Z;;=""?$T@UMB-D0]8]/>]?DXPNZ*M+0J1C?NLK9, MYL,;^C(9#"@P0XE0!,M^F@9CX\7G0L7C9>9"];\95M%BJ4/AVS_J+GW0A1]'-MI;2[KS2'V@O+-T3.*<0S9O)\AB3*LQE,7RF9JZ@G6#/C$*@KJA M?A&AB#*]69&QB:=E/LX0_!5>T^84;(Z,.1*V=C=K6NH0!+>,^15,":)N?E;C?U'S2R[N(H8GDJ< MVS#?NORLHU0Z$[1B;?_H\+2.D>.QV44"OLFIECZ(S_)\[$6CX';_7"1 5 M%A'R31> TT3W,;1[*0P?@1W!P *]_:[U^#WGK2H30 NIF"]\\[72!\-]^D.N M?JFAJ0$$6#WWO[NBVMB[,0RV\2]V,93BD^=?;D&J:"P/X(VO32J#1 M$!QYO=I#N,]P*BH!%;PP0(3B0'1&7C.4E(Q\'9G?O(MTDC69^IOHN[G0(P>9 MVJN'.J0_\ED?4/+HC']*]E/Z8Z)BV-I*]Z8Z)BU4N]MN'WBX93_? M*ZN(6O=9&\ZS5HE1S6L2I<7$GMA=3,ML5N93<@,7VG=HA;IQ>G(&YMQR1QFV!&#=]E2-

LV)E[S&W)?6AU^36KTBQZX-)_*4WQ90[fFBFX*]=_[+'\@T-%-THL/XB)D M2P&O\/U0"E.\"?RHODCCW:I{(BRO)Y6[$A7A?,)B65!03TT/R M-[HSRP2,YVXA._,0$VQ NDTF=YG#[X>*P,7; 9R%,_,@>.UJO!1WCI3<\6AE M?>Y#+CE3^;[2VQ1]=9#|&M,6#D#ZTS)1=$D_,&=Z>K#679LI*:.4_4%N<"/E;9_ M2^ *⁄3;&#)4-X)8SX/0H/V]Q^R M86LE)!_K^C(2F9_XO>,;6(L(64)XI>(^BU!OY48,_O>!/#+!!O#D!+,>G<% MTK5"29D&H4Q)24P4FS"^"A+'"P824"U{',9?1HP^'+,:!Z*EU]4[5;27C$<(WD M*X\@ST H6%AUFF$[@@87\$/3CJ,^Z%6(M&R$++#*7)GJ"Z3%6;&6RO05@_J,> MQ-R" %V;(!3F9O2-9M2@=!ZXE>+,,WV%BG/+B\PSELTW"!OK(9RNKX5O?x!^ M)JAN4R&ZX.V%Q7OHXK2VQZ-L&^W3(65AP(&D3%MH@)(HCL!W<87 MX:.3?(7>T$_*;Y)&[5@$#0OURT"1=\ C6K4QP__Q#>E#1W>4QC6+92Y0TUM(MMV W!",K#H^6!2[5& {AA<_!Z.R3ESC*"QX[)\IZV1'FI!.B1)L!ND&8!$A6& M0E'K%X!^WA_L!61Q/BR^^^^B\,Z]DM4C^C12HGA&I<+R.IRM=64&OM'2R J M 6U5(!3LD&A40K/M\$CCS^]=E*000161 EB5R@1\3%V!4]&P-=$8T^EXM ;6 MH/%@%M1KFPPFM(G?Y@LB4."KB R?;7.NJHU-*.Q_I39(63)I\,/:4 EX)R(@-M\ZVI=E4?%T63HJKZNXQ8K!G_O3N1E!?]7$15'Z:CCW^?QO>.S]57(@#N*B.W MN!S]U*YZP(S]_(XRY/8;=CQTAAV# MB1++E-N]B-Q48 #3D^!, 3/-R8A3;0[*0Y.%A!8-Z=&TMV#W56@MM?WO7*% MJ1)6]AM9;7?42.W0-_YR(Y]2A$,,MM1*U[K/&%V>P/N-HXR5:9X0F5CXMTF M066W=-97!(S&{S#%_5+9&BA^[M>0K$'R%'1T/UVM$G(-[^"%]L M(<_F=O='6AJ"GSUV^,?]NKTZ.XX$=UTW*O)OG_K%"G-&0>I#[VSNG MICCA8X^0Z"$++#HX^NG>DS7!^KG=Z;\,BRQ"KOI'+=A:)[#IKUJP8!2?&_X%; M9WWX,-[B;_^MN\V&$>,,FFO[&LS&+?1-O?[O[F4OV?OS'>K$6(3.',U?L)NI' M==UL_9P;?CS\G7ZG9_9^>-VRH0UY2]>R/&$,IO"BMPR SKV?@[/U-9\AE!N/RX M)>6EZS',5-]BVYP(O4O2>H3E,>0*[S_8O;4(3G!T08T.OM/TSY?B;E89)(M>4=3GTSDGUGZ"\O5&'^L1\E;]=SVM$-"U-]^C?T/_XW^[W_LW\O3\;C1BY)=W>OG -\YX1YQ<G[JLT)K6TN_&]+'YA[FX;D3-FA:#*NF2DK M"7FTHOE0NH].Q@_R&$Z6C8TS.VV%HK'6JK%V@7L%3!%X:[SDW]2Y?N1" M7LJ@O!38;^&_ 9#9 K\JBZ5S?D>#0I?+4P[A\1?PW^ #T9^OA)6 M5R4(835G:7Y6]>Z'96#;%//-?%5GV3R!G[+^QF]"MZZ9*M*&(_$,O MOOSAGN]1(;E=T)\84H>]9(NOW_2!$LW@W++#MJT@8K&;+13>%%9PY2-7<@PKE< M=%>E*R9V3S)MQE1&]^EY.GAF@&^.8.T<%)\-M8)=2+0OCR2(?R"W6[+;2L#E5-R13^]3>'@ZVN?>K)PI"G9B.CBTS?;3HP&H MA!Q"H3%L>\58YYQW>,ZBU7;.\CO0)'S_33R:D3Y8OEPI0&0L"\ 9<1RB(@EEIS.V6,CU\L%!C5")!7)#]7V M#T<@*>(>#,T]KCOB4I,GNP?I:XTM3HI,?U^9,NO1GN@R-'@#![G0]7S_5;O_8\;VFIDVLOG5\T+%?USL=G%,6\.7X'YSYG|>O'_#-M@JX'#V49O'FQ(AM.C\CUW+(@<3'6$[57'I@^Q(#;Z,@3)MG6WE[Q8S7_6%0 M0H)+MFY-=$1\;1YBIO;9%O#9,,U'7O2OS#&^ZD!^%]9=XYPSK#2NFJ8I.N1M"_&<0..INO'C$SCR'1A*N?I=ZVLB(,_W3:'BL8 U>23===?ME%X)<:$Q M=S0#!Y8@11B1-4/Z' :E@8#0U4-?N8)'3%O#M^*O9CIH>]fX$E5I@<==HK-DGR M)$I4VS5/*;E2)B4;8-U0P;+;OT7)72PYG%IFNP.[9$5;(%8AGP$UU`*-85]* MITT9EB.W,TP8H1DX,):X( )40SE'#922.SUB0FQMC2;,R%$4RJZB3]]7>|]BR MDY)++N.54P=RB^P)=Y6]?!S\40F""^O]?#51=K<9I4(5^8!0C1UZIM$]4]9< M:3&,1+40=*!:@"#Y-E7MRTQL.4I55<2UB_$\A.WX)\S-5f]"RNCDF_0,,S ?=2IWBS(_RG+9TF["\=)@X%2Q;8LB+,_^ER,.]8 +6,=$R9 ,>5)FTN=Y@PM4L' MDR/QP $UONM4*22-H8T;YG?^X2I4AG8LT@4?-H;V):AJ6/8,_RJ;L4SKB+[< M,=)^RK0K.QC^KE[Y3ATF$/+V :S.UEL$++QP=O_SVZF66N/O#*7NC9:[9Y>[E M_D,2-Q8GQ"YQM3'PBOY5|U]Y[^B?>,#-L(Z AYBXO:>FA-@8;,_&RJJN5D=H MIL^;NEV3/VWKIRZ/:[L(KGN(R__VI7K_#5[V'PRQ8X6G\V>T?\/PSZY66]'O MR&AE,#VR7&QRT*13K8U17LI(87D:SWA% M6M #"IJ M=1P,X"_NOPA=_IZ9]!H]2@8>9&N:Q/4/RR+&;W@.MP63G/1N*>R*SF?';OL/ M&+A9;')$VEC++!9MCENE<;6=S\EXRP:+IL#$*W!N1/)E>MPQA^,!TMH]. ^QIA M_@8#0W?RO)>78@2/P=?,PW<;CC0%,WMK>M9RT>/\YSG>^]I[_US?RB|K+W6G&...=; <-1+ABS"%V00K(JO# MI[2RGWUR]_SA-[2DB,RB1A#]AU'E#,)MT [9F?CN_4:P$;*X5HU8P>T20 MA0EP] YT]O:4^ .[^]KM:,,Y2(Q<&\L=]SX6]BBX@UT_CXL[*ME*_RAK)N:R M 3@=*Q'YRT"]4!=1#43TK+F1U<%/R@]6AY@G*;YE/O+^3\&L 86'?P?.GBK M],C:T8@$P"18B;$:R-1;9!&RMP(3B!@75&90?,0)HR7(3C#;(QM?GP=,VOYG MCP S8(*E1Q[31X#YM;W*XOEI->[@-.B$.4Z4]0FC$GL50 PDL\?8Y1YAV/)] M_CL*P2"4K\Z8U!(#Q.&F:72Q6 ?(/95&7#U\[M:X/42!+K79.)6]*\XP4;6 M>Q1YL'C4%RSQ;)%> 'FX0WC$Q6Q6Z)\ F.[_!TP66<6@K=PRLP$(EC_OSM7! M5HVPDL'2 R0#W,FM>2;N)&"=RC*7ZOI,I;AE%(6^MOP#-8#]7\ [751VQ/0%"0/RQBA[+Y'O$!9!\+Q2RRO5F.8R4SCM*_XOB*R(RCR;^3:QFU8M80DTJV) ^;/ M>%C-X^<:\A:!Z+ "'S]O18^_"?:?^#.A_HT8_\9_3]\[*7!B!'V%.2*C%>@@ MZ/23V)6]"BP+X'4[*I'C97B-,D4)E>5EU4/R)=U)[M#!5:'UJP4_!5+! MY$^G/7,$OW^<@K3ORS\MJ/^3"' 81GYS\9WL?]Y&=*R9V3S)MQE1&]^EY.GAF@&^.8.T<%)\-M8)=2+0OCR2(?R"W6[+;2L#E5-R13^]3>'@ZVN?>K)PI"G9B.CBTS?;3HP&H MA!Q"H3%L>\58YYQW>,ZBU7;.\CO0)'S_33R:D3Y8OEPI0&0L"\ 9<1RB(@EEIS.V6,CU\L%!C5")!7)#]7V M#T<@*>(>#,T]KCOB4I,GNP?I:XTM3HI,?U^9,NO1GN@R-'@#![G0]7S_5;O_8\;VFIDVLOG5\T+%?USL=G%,6\.7X'YSYG|>O'_#-M@JX'#V49O'FQ(AM.C\CUW+(@<3'6$[57'I@^Q(#;Z,@3)MG6WE[Q8S7_6%0 M0H)+MFY-=$1\;1YBIO;9%O#9,,U'7O2OS#&^ZD!^%]9=XYPSK#2NFJ8I.N1M"_&<0..INO'C$SCR'1A*N?I=ZVLB(,_W3:'BL8 U>23===?ME%X)<:$Q M=S0#!Y8@11B1-4/Z' :E@8#0U4-?N8)'3%O#M^*O9CIH>]fX$E5I@<==HK-DGR M)$I4VS5/*;E2)B4;8-U0P;+;OT7)72PYG%IFNP.[9$5;(%8AGP$UU`*-85]* MITT9EB.W,TP8H1DX,):X( )40SE'#922.SUB0FQMC2;,R%$4RJZB3]]7>|]BR MDY)++N.54P=RB^P)=Y6]?!S\40F""^O]?#51=K<9I4(5^8!0C1UZIM$]4]9< M:3&,1+40=*!:@"#Y-E7MRTQL.4I55<2UB_$\A.WX)\S-5f]"RNCDF_0,,S ?=2IWBS(_RG+9TF["\=)@X%2Q;8LB+,_^ER,.]8 +6,=$R9J ,>5)FTN=Y@PM4L' MDR/QP $UONM4*22-H8T;YG?^X2I4AG8LT@4?-H;V):AJ6/8,_RJ;L4SKB+[< M,=)^RK0K.QC^KE[Y3ATF$/+V :S.UEL$++QP=O_SVZF66N/O#*7NC9:[9Y>[E M_D,2-Q8GQ"YQM3'PBOY5|U]Y[^B?>,#-L(Z AYBXO:>FA-@8;,_&RJJN5D=H MIL^;NEV3/VWKIRZ/:[L(KGN(R__VI7K_#5[V'PRQ8X6G\V>T?\/PSZY66]'O MR&AE,#VR7&QRT*13K8U17LI(87D:SWA% M6M #"IJ M=1P,X"_NOPA=_IZ9]!H]2@8>9&N:Q/4/RR+&;W@.MP63G/1N*>R*SF?';OL/ M&+A9;')$VEC++!9MCENE<;6=S\EXRP:+IL#$*W!N1/)E>MPQA^,!TMH]. ^QIA M_@8#0W?RO)>78@2/P=?,PW<;CC0%,WMK>M9RT>/\YSG>^]I[_US?RB|K+W6G&...=; <-1+ABS"%V00K(JO# MI[2RGWUR]_SA-[2DB,RB1A#]AU'E#,)MT [9F?CN_4:P$;*X5HU8P>T20 MA0EP] YT]O:4^ .[^]KM:,,Y2(Q<&\L=]SX6]BBX@UT_CXL[*ME*_RAK)N:R M 3@=*Q'YRT"]4!=1#43TK+F1U<%/R@]6AY@G*;YE/O+^3\&L 86'?P?.GBK M],C:T8@$P"18B;$:R-1;9!&RMP(3B!@75&90?,0)HR7(3C#;(QM?GP=,VOYG MCP S8(*E1Q[31X#YM;W*XOEI->[@-.B$.4Z4]0FC$GL50 PDL\?8Y1YAV/)] M_CL*P2"4K\Z8U!(#Q.&F:72Q6 ?(/95&7#U\[M:X/42!+K79.)6]*\XP4;6 M>Q1YL'C4%RSQ;)%> 'FX0WC$Q6Q6Z)\ F.[_!TP66<6@K=PRLP$(EC_OSM7! M5HVPDL'2 R0#W,FM>2;N)&"=RC*7ZOI,I;AE%(6^MOP#-8#]7\ [751VQ/0%"0/RQBA[+Y'O$!9!\+Q2RRO5F.8R4SCM*_XOB*R(RCR;^3:QFU8M80DTJV) ^;/ M>%C-X^<:\A:!Z+ "'S]O18^_"?:?^#.A_HT8_\9_3]\[*7!B!'V%.2*C%>@@ MZ/23V)6]"BP+X'4[*I'C97B-,D4)E>5EU4/R)=U)[M#!5:'UJP4_!5+! MY$^G/7,$OW^<@K3ORS\MJ/^3"' 81GYS\9WL?]Y&=*R9V3S)MQE1&]^EY.GAF@&^.8.T<%)\-M8)=2+0OCR2(?R"W6[+;2L#E5-R13^]3>'@ZVN?>K)PI"G9B.CBTS?;3HP&H MA!Q"H3%L>\58YYQW>,ZBU7;.\CO0)'S_33R:D3Y8OEPI0&0L"\ 9<1RB(@EEIS.V6,CU\L%!C5")!7)#]7V M#T<@*>(>#,T]KCOB4I,GNP?I:XTM3HI,?U^9,NO1GN@R-'@#![G0]7S_5;O_8\;VFIDVLOG5\T+%?USL=G%,6\.7X'YSYG|>O'_#-M@JX'#V49O'FQ(AM.C\CUW+(@<3'6$[57'I@^Q(#;Z,@3)MG6WE[Q8S7_6%0 M0H)+MFY-=$1\;1YBIO;9%O#9,,U'7O2OS#&^ZD!^%]9=XYPSK#2NFJ8I.N1M"_&<0..INO'C$SCR'1A*N?I=ZVLB(,_W3:'BL8 U>23===?ME%X)<:$Q M=S0#!Y8@11B1-4/Z' :E@8#0U4-?N8)'3%O#M^*O9CIH>]fX$E5I@<==HK-DGR M)$I4VS5/*;E2)B4;8-U0P;+;OT7)72PYG%IFNP.[9$5;(%8AGP$UU`*-85]* MITT9EB.W,TP8H1DX,):X( )40SE'#922.SUB0FQMC2;,R%$4RJZB3]]7>|]BR MDY)++N.54P=RB^P)=Y6]?!S\40F""^O]?#51=K<9I4(5^8!0C1UZIM$]4]9< M:3&,1+40=*!:@"#Y-E7MRTQL.4I55<2UB_$\A.WX)\S-5f]"RNCDF_0,,S ?=2IWBS(_RG+9TF["\=)@X%2Q;8LB+,_^ER,.]8 +6,=$R9 ,>5)FTN=Y@PM4L' MDR/QP $UONM4*22-H8T;YG?^X2I4AG8LT@4?-H;V):AJ6/8,_RJ;L4SKB+[< M,=)^RK0K.QC^KE[Y3ATF$/+V :S.UEL$++QP=O_SVZF66N/O#*7NC9:[9Y>[E M_D,2-Q8GQ"YQM3'PBOY5|U]Y[^B?>,#-L(Z AYBXO:>FA-@8;,_&RJJN5D=H MIL^;NEV3/VWKIRZ/:[L(KGN(R__VI7K_#5[V'PRQ8X6G\V>T?\/PSZY66]'O MR&AE,#VR7&QRT*13K8U17LI(87D:SWA% M6M #"IJ M=1P,X"_NOPA=_IZ9]!H]2@8>9&N:Q/4/RR+&;W@.MP63G/1N*>R*SF?';OL/ M&+A9;')$VEC++!9MCENE<;6=S\EXRP:+IL#$*W!N1/)E>MPQA^,!TMH]. ^QIA M_@8#0W?RO)>78@2/P=?,PW<;CC0%,WMK>M9RT>/\YSG>^]I[_US?RB|K+W6G&...=; <-1+ABS"%V00K(JO# MI[2RGWUR]_SA-[2DB,RB1A#]AU'E#,)MT [9F?CN_4:P$;*X5HU8P>T20 MA0EP] YT]O:4^ .[^]KM:,,Y2(Q<&\L=]SX6]BBX@UT_CXL[*ME*_RAK)N:R M 3@=*Q'YRT"]4!=1#43TK+F1U<%/R@]6AY@G*;YE/O+^3\&L 86'?P?.GBK M],C:T8@$P"18B;$:R-1;9!&RMP(3B!@75&90?,0)HR7(3C#;(QM?GP=,VOYG MCP S8(*E1Q[31X#YM;W*XOEI->[@-.B$.4Z4]0FC$GL50 PDL\?8Y1YAV/)] M_CL*P2"4K\Z8U!(#Q.&F:72Q6 ?(/95&7#U\[M:X/42!+K79.)6]*\XP4;6 M>Q1YL'C4%RSQ;)%> 'FX0WC$Q6Q6Z)\ F.[_!TP66<6@K=PRLP$(EC_OSM7! M5HVPDL'2 R0#W,FM>2;N)&"=RC*7ZOI,I;AE%(6^MOP#-8#]7\ [751VQ/0%"0/RQBA[+Y'O$!9!\+Q2RRO5F.8R4SCM*_XOB*R(RCR;^3:QFU8M80DTJV) ^;/ M>%C-X^<:\A:!Z+ "'S]O18^_"?:?^#.A_HT8_\9_3]\[*7!B!'V%.2*C%>@@ MZ/23V)6]"BP+X'4[*I'C97B-,D4)E>5EU4/R)=U)[M#!5:'UJP4_!5+! MY$^G/7,$OW^<@K3ORS\MJ/^3"' 81GYS\9WL?]Y&=*R9V3S)MQE1&]^EY.GAF@&^.8.T<%)\-M8)=2+0OCR2(?R"W6[+;2L#E5-R13^]3>'@ZVN?>K)PI"G9B.CBTS?;3HP&H MA!Q"H3%L>\58YYQW>,ZBU7;.\CO0)'S_33R:D3Y8OEPI0&0L"\ 9<1RB(@EEIS.V6,CU\L%!C5")!7)#]7V M#T<@*>(>#,T]KCOB4I,GNP?I:XTM3HI,?U^9,NO1GN@R-'@#![G0]7S_5;O_8\;VFIDVLOG5\T+%?USL=G%,6\.7X'YSYG|>O'_#-M@JX'#V49O'FQ(AM.C\CUW+(@<3'6$[57'I@^Q(#;Z,@3)MG6WE[Q8S7_6%0 M0H)+MFY-=$1\;1YBIO;9%O#9,,U'7O2OS#&^ZD!^%]9=XYPSK#2NFJ8I.N1M"_&<0..INO'C$SCR'1A*N?I=ZVLB(,_W3:'BL8 U>23===?ME%X)<:$Q M=S0#!Y8@11B1-4/Z' :E@8#0U4-?N8)'3%O#M^*O9CIH>]fX$E5I@<==HK-DGR M)$I4VS5/*;E2)B4;8-U0P;+;OT7)72PYG%IFNP.[9$5;(%8AGP$UU`*-85]* MITT9EB.W,TP8H1DX,):X( )40SE'#922.SUB0FQMC2;,R%$4RJZB3]]7>|]BR MDY)++N.54P=RB^P)=Y6]?!S\40F""^O]?#51=K<9I4(5^8!0C1UZIM$]4]9< M:3&,1+40=*!:@"#Y-E7MRTQL.4I55<2UB_$\A.WX)\S-5f]"RNCDF_0,,S ?=2IWBS(_RG+9TF["\=)@X%2Q;8LB+,_^ER,.]8 +6,=$R9J ,>5)FTN=Y@PM4L' MDR/QP $UONM4*22-H8T;YG?^X2I4AG8LT@4?-H;V):AJ6/8,_RJ;L4SKB+[< M,=)^RK0K.QC^KE[Y3ATF$/+V :S.UEL$++QP=O_SVZF66N/O#*7NC9:[9Y>[E M_D,2-Q8GQ"YQM3'PBOY5|U]Y[^B?>,#-L(Z AYBXO:>FA-@8;,_&RJJN5D=H MIL^;NEV3/VWKIRZ/:[L(KGN(R__VI7K_#5[V'PRQ8X6G\V>T?\/PSZY66]'O MR&AE,#VR7&QRT*13K8U17LI(87D:SWA% M6M #"IJ M=1P,X"_NOPA=_IZ9]!H]2@8>9&N:Q/4/RR+&;W@.MP63G/1N*>R*SF?';OL/ M&+A9;')$VEC++!9MCENE<;6=S\EXRP:+IL#$*W!N1/)E>MPQA^,!TMH]. ^QIA M_@8#0W?RO)>78@2/P=?,PW<;CC0%,WMK>M9RT>/\YSG>^]I[_US?RB|K+W6G&...=; <-1+ABS"%V00K(JO# MI[2RGWUR]_SA-[2DB,RB1A#]AU'E#,)MT [9F?CN_4:P$;*X5HU8P>T20 MA0EP] YT]O:4^ .[^]KM:,,Y2(Q<&\L=]SX6]BBX@UT_CXL[*ME*_RAK)N:R M 3@=*Q'YRT"]4!=1#43TK+F1U<%/R@]6AY@G*;YE/O+^3\&L 86'?P?.GBK M],C:T8@$P"18B;$:R-1;9!&RMP(3B!@75&90?,0)HR7(3C#;(QM?GP=,VOYG MCP S8(*E1Q[31X#YM;W*XOEI->[@-.B$.4Z4]0FC$GL50 PDL\?8Y1YAV/)] M_CL*P2"4K\Z8U!(#Q.&F:72Q6 ?(/95&7#U\[M:X/42!+K79.)6]*\XP4;6 M>Q1YL'C4%RSQ;)%> 'FX0WC$Q6Q6Z)\ F.[_!TP66<6@K=PRLP$(EC_OSM7! M5HVPDL'2 R0#W,FM>2;N)&"=RC*7ZOI,I;AE%(6^MOP#-8#]7\ [751VQ/0%"0/RQBA[+Y'O$!9!\+Q2RRO5F.8R4SCM*_XOB*R(RCR;^3:QFU8M80DTJV) ^;/ M>%C-X^<:\A:!Z+ "'S]O18^_"?:?^#.A_HT8_\9_3]\[*7!B!'V%.2*C%>@@ MZ/23V)6]"BP+X'4[*I'C97B-,D4)E>5EU4/R)=U)[M#!5:'UJP4_!5+! MY$^G/7,$OW^<@K3ORS\MJ/^3"' 81GYS\9WL?]Y&=*R9V3S)MQE1&]^EY.GAF@&^.8.T<%)\-M8)=2+0OCR2(?R"W6[+;2L#E5-R13^]3>'@ZVN?>K)PI"G9B.CBTS?;3HP&H MA!Q"H3%L>\58YYQW>,ZBU7;.\CO0)'S_33R:D3Y8OEPI0&0L"\ 9<1RB(@EEIS.V6,CU\L%!C5")!7)#]7V M#T<@*>(>#,T]KCOB4I,GNP?I:XTM3HI,?U^9,NO1GN@R-'@#![G0]7S_5;O_8\;VFIDVLOG5\T+%?USL=G%,6\.7X'YSYG|>O'_#-M@JX'#V49O'FQ(AM.C\CUW+(@<3'6$[57'I@^Q(#;Z,@3)MG6WE[Q8S7_6%0 M0H)+MFY-=$1\;1YBIO;9%O#9,,U'7O2OS#&^ZD!^%]9=XYPSK#2NFJ8I.N1M"_&<0..INO'C$SCR'1A*N?I=ZVLB(,_W3:'BL8 U>23===?ME%X)<:$Q M=S0#!Y8@11B1-4/Z' :E@8#0U4-?N8)'3%O#M^*O9CIH>]fX$E5I@<==HK-DGR M)$I4VS5/*;E2)B4;8-U0P;+;OT7)72PYG%IFNP.[9$5;(%8AGP$UU`*-85]* MITT9EB.W,TP8H1DX,):X( )40SE'#922.SUB0FQMC2;,R%$4RJZB3]]7>|]BR MDY)++N.54P=RB^P)=Y6]?!S\40F""^O]?#51=K<9I4(5^8!0C1UZIM$]4]9< M:3&,1+40=*!:@"#Y-E7MRTQL.4I55<2UB_$\A.WX)\S-5f]"RNCDF_0,,S ?=2IWBS(_RG+9TF["\=)@X%2Q;8LB+,_^ER,.]8 +6,=$R9

*YRCZZR/Y21MJ[&4P _(YAA^_M]U>I;11Q+[E74J*7-/8R'&S-T>GOWO/NGBN8"]OGPA1%%EH>S=PIML@(UA^_ME,\S29_,V*M3-'|&ADYV.3U8\|EFWWR33&|PMDA7$G?DZH>,%QYH\46^+[C MQ>!3%I.QDC&MO.M"J#'8A]--.]fM84.>Pf>R<$EWLR__+&L"YHEJ+:_M:BB_.&NKVKZZKD+SA9:TX[=WE%6?7 [.)FNMJ*_7J=\G_#K&#[*%E%4_%;_:*

MM+LJ[1^3@YIMDI$RS^+&3HV%YAXU+W7)WDN+= GZ;SQL(1B>L")RH1=3P$^\O M/%\@O3NTA&%59 QS<=Z.7#MZ.(MNSJ754".QJHS>4VZ+['I MG'NSEZRDROC:(I$N-&P0>>BM*;7EGM6(>UT5O0+^MEX@M6YRH2>G^ HB19^ M.|PF2GV!%9#AT_'<4 M.|PF2GV!%9#AT_'<4 M.|PF2GV!%9#AT_'<4

:Y]>ZQ"9E0N#LG9ZA6\T:`MU:G,WYQ,[Q%R37Y1HBUL_:C(S2(^K-+=M9D!E?&75/ID7/-V#Q\C?Z[!?!/R

*MF'6]3.ARV[MT<^DFHY6D&WV82)4V>K*Y_H&M8\?;/^/VMS1EX2YEGG$Fl.XH`M86A,N7^XGY-CM6UWVFG/Q+HO7KO,?KMG-M5JZ-8!\"A+?U@?[CCV:R,4/VO`M'-BDW))<"A-^_:^]1PF/`&Y$!?E;N!X)0:I4F-V_-,56R?l5,X7'WE@3;?\`M\!%;?7SSE.NR1',^)9,;=VS$';,!?UYR'<'GNK29'/RNRE,2LFCA_"K-4WN6*`MAJ$W>JE_5)K_*6D_M,AG.7P(IQ.MW-?*

*FI$#/"%/P201*OIO_=86UQS4+=81QS4+=8J!QS+!~9R MC,%)N!U-IEV".%TO5L.=.P&/V)HNYNH:XIS-@0/:MTRU<0LF4HJ<<8ZDI)A6`M=W"NL4S%LVBS2T@"V+?,AC\0\L/+]H:C[*

[&%"CMW1&5L&+C4A`M_&_=LCUG'T$*;=\A:C%UU4?(#\=\X2S"KEB4/MX+.*JRM1'V@]K7LKS`M/G5CH11W&+8&EA$,<.I5/4G^>=*$=L/9JO17GY!^OGFDT@"5"YOD9*

*M*V4$'_ZXBS!R,[:P,.8L:LXARW^L^#I+IB++:]8XK76.N"-56N%N)?,UH9;_5`MH^A9Y?)0N:^-MK0$692Y[L\Q_]0!'S_2Z,UZ_:GU*P/!W@-EC%I+TI[W!-_D*

*MJB4^H@PS6!9G!VNRD#L'MFN%"8Z7ZYQZ4=@[+,BT`:"ZE*L6OC\$":$= M,Y2%/Q<'%=AHU@=':V%_X&8DH5+>J=:,0?&*(OKO>|J//0Y:'_ _J$D+98[>S: 9_NG-42"QM*

*M3W_N*N%7N{5PR9#R<`BGNY49]%SL@6F<AZ,\2ZDW>"ZC,]1TA-MAUES;==CVTGG]W??JR,_$%\ZZ*\@^&HBS=P%6-7ZC,6Y1@H4F?$*FM:V=XXV*

MC+LEKMY@.G)3;ZDJV=_3^S'V5%Y(KY1\0/^[CLIA]_H5!I.O?'JPT.IK+:,^_MJ\)(YBCS"8I>S#VNU/JHISLY<-|YUF8OU/'@1J\R'$K>S(M9K+8J,?!.B<_(S6

MF7VC=A0\)SZQZC]'F4PW1W:"P((95'9(6QW`DC&1!M:AHM_YO,I>ZO>EIX!H`M-#JKMTO2#=2?#(56OB|:IS3T,7*K1!C<.3H|_$!"HH=*OF-$O\):1>B&-26_/*+G)>A*Y,.$T4=GSN8*

M8Y#7F#@2HA@F6ZSQ7?0D1SKCZZ$*((-ZT*=8W6MZ'F_BG]Q%E%#=$D[U=#C`M_%RKEU<]&P$SQ'/$V'WQ*7^I01G-L:LQUU">4?]#=D-*K0S:<<51KMU-G_5N*

MV)O/+]TN)MGA(D!D'V_GU<4X\KD@"CB[5X$"QC[N)(>TUN?61\LSE]Y 1/4- M@S0'%"NH@+)6O^82$>OE6]$EQ5=5[SU&/]2T6DZE,OM^6"'SQ?HD!_G:]3G

MFB%?/\X[1P&8YBA@=91/94XT"4N):+FB$4 #%,V123I-%-]"2G!##@7MD5S0W3#[RRTO%.!? 8$[8Z1)-MHPWK6SW(,`@109B$`LcRKA_-(CT-4<=#2NT6$ 6#Y%P)_(2 7 O]Y!&3'BHC!

MXC7Y^;SRS4D 9-$9>Z^ <5 LK(!G\ML+9+8J*5+")SBTIPJK[0BG-O?IHPO MY-4+,;F%]ZIRLK=&=^@_QJC2INSUZ[PC.27A<&3KPWT%_H #=35#%?9%\KH=7E @P6C*

M3. ^J;9'OSXG1^SHCLD4UJ2E M4J%T[C99ROW%8B"&#]MOO0X9;6V>&!P.(% K^//([+C]4!/YW%RV!$A6F M]Z MSIA[+9[!SQ'L-

XM%ENYAZLC!RERO$S4>FY93=C*E&;?'M5T9G9BF,80M98NN?`M^>OF0;!GH>$BF,80M98NN?`M^>OF0;!GH>$@MP;\1]5F1%Y:AS[3)/V++;FH$OZURK&M%:X(MC\+-D>[LV4Z!";[.CIJN03&X<9K*

<>3W<.+$]6{$9B$80O=K*,T^EZ?4QNH[`MZ]D;Y3=L'[?ZLDW,*6GIYQ)/KE@PAXH0K,4>46'QU;%&!G"SGGW\GP>\$(,,& M%/"|':O'F*@0%?,S8%8*8!>C@(,)$$+:\O4S*A3P%P)_(? 7 G]"(+=X)7$, M)K\QR14GW+4NJ8X>93W%[:[R\11:UJ%R9I9A!DK'"-F?XF*,M!G)PMZG^V0# M"79U6'50_D`272)B189NNJU)15E-)29G:#8UIHB(D& ^\??OA!$%QZ>XI_6 M*MA.4V?*

*S({T#B*G^-"[=_B:B[W!JW!#=LJ!L29WZ9'^AZ-S>[>9=)1_R3U0I M77-V:+ERVP ,%6-Z?O,SS*:YZZ3.PG[#S]B\4;O4ZQ1!CM-OWU['?H+R61Y`MKML59#U+.O,KW#C':::MVOVK-*

*M$EH.A3YF3>QQK]>-V]IQ-52, M6 ^%FE=3T_\#F@8$?T:Z:,.?T=,%2:,H!N6R+K;$'SK?H!U 1U72=6S>?;H!N6R+K;$'SK?H!U 1U72=6S>?;H!N6R+K;$'SK?H!U 1U72=6S>?;

MVJ>AE986YE_9&/LJV54RO,WP110Z,638FC4\' M-,/AX3%3KXY5+K6Q9:+FD,": -IAMET8ZH+[J+BY=Y^SNY$V((X,:ID@<&56 M_/2M.W\=7;+_3^58]],.-

*SVYFV8WQE/BCJ$$$B6GM<>Z5%U37LKLBO0]M?$^-M)+[Z,;\-INQ+&RLP(4)OGI:0+3BMZBI1B/C5H1&.!'$$+P#K[@-M$TW59JLLSS+;TMQ"V*T&H:R!(:L ML,_)\&I3XD)L7;*

<[.1R4R+&?M@MK,XEU%)AF%OPY(,Y0+DH84UDN7)-@?SN-M]DR8/(L0:N3LGL]/&C/G$]=H9J/+=8AYFR\V&M0TSWF8>;C"- CZ!!M#J8,D M1=*

[7Q^H[<^\]-.8U%FL", "Y1U;E(#&X1\4?_;YCON>17OM<\$ <-#4,UB%F M-65]5F0R),%%N$/_CMVNWACP/Q^G/FN7ZAKP0Q@76\;L9T<*%93e>;!^\&5 #Y[MQN+XE*E)_M7HTI2S!(I;?66NT\-WT;SD^'[2=PPPVBRN=1N^656T[O/"?S< MP?K/N.#B+:@M'PN":>)WP\Z6L1+52<3Z(ZF2*U+ MIYM0A\IDWQ;&4Z'M2Q_I.KR:J4ZB;U\N':!IAKW M,;_C;\N-=T\6+BL$*S")7IEN=5>^ 'A1O?%' MX93^1%>OA4[?1?@XOTQ&22P|>%WY,AY,I MT]"0V0B;E(SL:@=\Z8P52_QK=0>?,-0,GWT?5D44){7MX*97$#)O0=8V#OSY*

M@FD%VT2J0T_$76!2V8H(!0*M^KZ8%Q.U*_%D-W$<HZK3D3H[ ]?4AIGT^KQ MFB%46Q'E0LA7^-+YLDR+0F>5\3GDSYB9TT4-MU;4&2@6QG/#7TV84D^RLAJ_WQ#

(+@15:2KDW?CD+%)!D47L].!32^^"@%|T M],RZB[F]#WNPCD^5_KW$XA+-5J1H@;>-[-#M?R_I<6#[DK,$- MF0I"(!M-SZLS<{6_2P2&'#]_YL^C-[(\7++'=*ODALV,7<+UH$[^2SV&*

(43Q M(P.31X_N5\,W:VLD?^]:O5" Z(Q52\$#]/43=$W@W8L"%T #+EYZY.T+|\N M%UM>WMJ IB@WV&G(&M\GJF0ZQ,B[@I8O._(+10X-6-=R7!IT3,WS^4CK/LO* MNX==*@?*

*S"2OA=IYN=@0.JL,HDX)8W[Z8MFRV=[B?_-.;}UK/O5MC*W'MTY M,[T0DMM#+:8Z^74-U8U^%+Z8@\|*&Q+:,2HRK?8VH]K4F-J3 6U+MN4V6A^[L M?]$EMF)3_J)[LIK>6*

|+DC7L>O+D^IBW0;$E.T+,P Z#,C;-M<)KU5_Y:|R_HN^6/FI0!A\+666Z(O|R&!:;95?A:8_2?&O)[YQXO(APJ\.1"W)>?)PXO(APJ\.1"W)>?*

(+69F[)H4^%W/|VX_X*_MF$,SR) M5YFS7Q>O..=0*HPVI&!P($2/E,"W'C_(H8%=3*_F.!%M95E"=TV"/)Q8AAJ MSO'M:OC 53*\9V7XP%ID%IBG#R.&D8)AF64;@GD?*

D54TF7GEO#Z.%KX>VC6 M(_C36JX,HM"#52%<3\X>3YE:/#,03GHXF5/890\G%,BNB.> /Y(^)O],Y[V MF7TO$^@73;K'W#3Y.$C+U3>&9R?CL+1[PW#_1S5C9J-*

*CB<8,Q2!R2L/@.,3 MM^[4G8O!U|__3G3K2]^66Y.7]W5AS%_" >:-ZHJ*WB2[H_M^2+HV3A9ZA1G.#\.C!%H2D,Y6\@.J,693T,0T!F48A@1^PPX75+*

MMJ$G(BIBH@NIRO:O5>2+O5WEDX.L-H,+DNK8C3EFSDXAT]0%/,X*(%.9P+,9H,"?JS@[\>R:IM?*<;X6&]2]"^&:CS9<3?T>^#+^6W,# M;T5=_(0!|SW;GKJD VY67U&3S?*

NW!)K8WV>'<3=L\44^44C6]H!]Q-)4[-A? MQLC7 &/W)S.X,.7CGXZD;.4E!@TN]?&DYM@RU2=RV7%%%&'(=4FU.G#'O73W

*MB9%*T3X?..#E4R1BP=!:0&\5G5{@\3N@'@:.F2UI/96?I>^>M?*4,@.[]2+ M00.GZ98,.R!U RVCZ>0P<00^\MZUBW& MOVQ./J'\L7:9HZUJ(N.A:@P3],W\5>*

<%$'2*G_WD/^:FZ;G3!.,KXV\P M2$^D>[!7S?!MF/]DS,[XPJ0DL)(F1OK=R|2ZP51.8S9Y!0M&F%K2??K-+.8. M!MS5;Z"#!|_3A"3#-HSZ 7+-&Q0[^DX&,SCU:XM&^D3DZK0'&2G

M9M(VZX&ZJRRL\2AD(<2/N<^SS0?O"^HQ@a$L'R .!*4-/*:@!*N6EL>I5E>XR ML#FU>(3XRV[,EDR&4F)+L#*6[OWRZD=D]+A1+7$PSN^JKB3;K&$[CZASIP(*

MYX0ZZ5#=9)#:5;E>]IX2/2\#D/7!6 81NTMWNZD.F_!<2GH_:63IZNO:>N4UP%*4M^0 %.FU&@CUMRUFZW3WAJ M2@H%$471Q M"Y-DX2^5$;88L\6-D93B0.ICDZ0\'_)QQ-(X!RFA"%MA>L5 M#N3M@.03ELSRG+=.+UJ;?@'IR&>."!9TI20)0!QY"V]W52<(&H72BE(-0B+_"-"3 M4]4:$3@[&EHW4,T'XY!05^ M>FIJ*DX2^2$[$_D.98HSLJ4]_/)=B';Y4+_SW]FB.*

*<|-ML>BZ6S^0Z-$]F90P7M2#,5+'#*KU ZO&#,#]L-6HX]HE5%;2E0'6Z,\+G?ZN-M7)%1[;M)5N_/""Q4M>S$-$HDW]?3":)(U+%X8^"Q8WK/^F4>4]FA.I#3?4- MI5]\6-7'[Y)M%PBNA[-)K2T-7/5L&144,>Q:WS-\]I%CDNA:.DHAW@T7%T[>"]5EO-!4"WK6 58F:M-^BIU\BSH.4_[,\ ZE&Y[FYP403>9V')?5&A(L+M:*4!NH;3&KM6.16SE04 M+*

*[!:\;'>;H7!5;=7D?>[MS\?:) BHWZ?PB!5*58[!U=)F@JS8H2Z%KE*<>X&-M0;H!UDH]60J5)5A[EJ Z\;-&ZP/'T"2DX6]BU"RB'"YK4R]5+Q^D:V:@7N MYYP<%872YRD)U]<*08W02X-*

*KG2B%+*PJ@L-'*'RL%;%@,*T3NEYPJT!)M'Z5 M+&!=BVR=Z'>#[5ZQ)U=10#P*1FGO%XWRSDI;,?T0 MM]L(SFYA^J2 4[""D<=NO4VNM80V[B!)VK)>3,3.]Q&M#1OB%MT.(T.,H.V M,0Y"2FSP/|@]3N(C+,P-5Y.$L|-OU;.MXI98(TMIR1+Z0G$"L<.@B3),&0/#.^ZFMVOM!2$V "-WY_- \!N4(!ZO! A M{'DIKH2J/E_) 9ZO7 P3\!665*

*\;.D/;@$'L)Y+GA&C&F.;4TW*0K.#(UFQ'M@MF",.("M=,E&GFR.]9-^/0BU!.GH^NFF[!E%5MRCJ7BRQ_S4%]10ZQ'!<'-M'H-*

*F#N\8CK:TX1VAL9TSC".V=|)>E>#FR^\|#R+!$;,N&I#6G,5>@["2TX0C$ MH?K:LJY&BG$$*9I0=C&\0 MAJ9:VCD&>X6C.C"OG&;K)WU0@?J.8[COSN;BVH-/[R9V;,3H_F7OK3-*

*|WF<5L MT\8T^?'B!8(QV1G2@"!)S=3@$@]F<%Q%\R&&W$G7*W\T-LQWV?D4FM>*.E M^4*00!;. M?D!X")K\C'I!6:I]Y*Q5OQ\.@AP6!XE |)UT W3D^]?^ S;D^U?>_ C^PWV*

*MVQ??TO4#S4AUST+KZX"9=1LMSIX?2)83>2]GUU.L5+!*5M51!SI{6>9@P^V#$ MS4E3"W%:V^*]"#B;4]>2 HT&L,3M=W&$\B]9N1^MG><6+FHJ3MK B4,TX M,[GE'%-,B"*

;-1=Z.BIYP(;H+U^<-$+-1Q5^-=H2KA/8T]BH>T#14L\&*#|[M/8&B%0[,'MI;O<$K##;^=NK+7E%:H:AN.#@E2|+5C6'Q"I!Z5A?(&8L4W;>(BJR0KD^Q>K@[2+/]

*EMR1M!;6SIX+%Q$CDBQB+Q>\XJL. M:<056#3E[MU?9 5A)^>VQY,YQ<-(K[=P)0Z4J6E\<MI#;9B< /FIN(N]HO2ZH W2K3%3+3

*M$U3#'B+RI/C_ZY,.XN:JX)M5Q,B'*"=QF^"$#A9P=ED$W&EZ%##$?/$\?HI,Y M6]-4-UX,##QBE'>NXN7]S3*Q'-C9_\JDX?U\ Y'=T8=F@V,\\$HU'I?Y!GD M3_GNO,;TXG#6:LJ//!U)K9\0XI\N4]0 #/DG=H>4UN_$\XW<=%QI$JJ-%F,FK M><6Q>DH>24I!3@3(KH..E7T^6'*K"5]P64MIINNX4I?:_ _O_SLI.E%HI]38$ M($ZSL1KB+SWK?" &KX$1!9*^!,"U(GA7S53+0'X+95(2MFP!Z-*VJG*&Z\/F MJNF*5M92)1)W*F7+"EL>I8)4ET39(0WL=UNZ6-RLCG+H58>46-*.5(U$7;PT MQ:UF'N(^XJ=- (M"UQ/]!N_M=0AL^8AS=S*L&S MB>H L :U 2WU# %B-'A*0[V&"Y{($@_F_V4/M&F6NRH-F"MT#5AIL9?7?]^ Z;O M&ZNGQYLC!VHL-$z (+>!_WMD^.]]K+'QN#E+*DYVE5R;ERU_5/23LG8BVPP_M7]FS@^HDE3@2UKXZH$H6U=C6/V8F-#]-EGQL(UF11"D,ZE I9E#;1\"\"Y2.7/9AO,LU.XA9#)]@2.]*;[P:CKP0C=K5 M6N1Q_,\R+ZJ[LV 8TG&9,33DFAV&+(;/Q-!0>H.A27)!=H6ADU7$47^1N6?I M3R?0C#PG@;,#I7[UC<2K4\&6 W3[7:]BUC&?75^15B5V1?P%KW?JJH@\?$C M#Y'OR9=R?4?8Y? (T24O^;,5=?ED6>1%E.5>YUX,\N6T[.W.'\#H:)0?:?8C M2"?%&+UYSQ>AX ID-7P#0<97\3\1R..@B/XE@VJAFB4G>=L=OA'-)-N!032"%2 M L4/C(CBH_2$KM+C@EFXSK>5]KL>,B6%&$YX.)' ,/XP6 MB,D1,..')]J Z[5[\"KJ",/T8K!CS /UO'!>PZ=N+'(5]@NDKA"RFV!]V[@+]* MQ'*0M*CG>5S99)W#V8+7A; (L5N)Y,8B!:@Z3N7V.4+<= M&YN+,^IC;O>A8Q5Y=VPN1B^]XID%C6C)7K Q8[&!IL\1NOT!\|>9\ABQ5!;9,Y84=K M\%C4M 6C6OG4JWR[2I@;7 8<5K2T..8'%IVY8['2DHMJ746G!YN^:(F]R266>? MC((I2 > 4% !4 !P;&%B+3(P,C0Q,#,Q7V1E9BYX;6SM?5MSXSB2{ON) M./^A3NUS77MZ9KIC>C?D6ZUG79;#=G7- /G70%"2QBR+4(.FRV9Q*!>"!*];$1,]+4/A%(9"(_ (E$(O&/_WK9Q*<>_?(Z M3]\:$./JZ]?@22$BRA9_?(Z M3]\:$A-(.HRL'CUM'MUAF"P0-%B!5[=W<^7 40Q> M?'S+VP\?WWYX^^/'O_VE\?W-&U(_CD)O/Y/_/ 4I>(7;3=*?7]+HE]?K+-O^ M_.[=]^_?WW[_X2U$JWPC78!&^B),Y") 2O7^'R/Z?%CS*

*+=OBUF"_.M-7>P-^>G-AX]O?OCP]B5=O*Y8))\E&JF+ MO_3*5S)}^.FGG]X57_=%,:&(0[HA=E$^^[OW"SX8_&O1?8:=_*K5V4W(QB# M>[!\1? [_R_WUOMXR2)^*>EBUJR#8OB,%W@&PV+RI?,E DD9/,;A,\@U1,^[= MFRC-4MQ^033;,<$OKI-HLXU!_=L:@65)/:W9ZK7Q\?W'OIP#<9;27TB#Z1OR M$^GD_R!-OW[U3H+U[1IF""91F+X-X;9D_&$=(%QXFZ-PC75PA^.*!9OT F1! M%$OPO8V#IX*7#^]+I?^'B*(NIU=!A'X-XAQ\!D&;(] !26;")Y^>+!?W(":C M^RY V>X1!4D:A 0%)HP*26KS&J7? TEFR.(=XB"19B5],8\G9+-9DT#V#&YCB(K@2.-N1#S#!+!@8Z-5,8GA9A-E M!2++![LSP:H)7E0B8J$>&BJ[EP%,+7I#J!B C!@DTE*E[=2/X_!"TB_) B$ M<)5$_P8+_,,97HV74=D= 4*{)43? {0PZ62#QBS(5]\$Z#^+P_0=#]CNT+ '"W M'R#I?-EOR)!=$7%M9&,.^X [@\EE4KA)W<6 T38HH&[WEQ)):D+[\U,Q_YHN MY6R"NGS>X 47I/-M82$E*SP>KJ*$F&GE!P.&92F;<5[\]QRF)JL+BY(99U=Y MABV9XN^[8%?,]%^2!4"W>$$FW8#9B(&H>_0GCP&8*_'/>$:1]<)WBAV10C M=YXP&\,S9IPOL(63G 4Q^?EA#8 YP*TTKF^+/X,D!\30 ORAGJ4IR-*;*'B* MXBC#1@IF]MV,,=JN0"1L+ PI*BE=WO#DC"PL#,G<8C(\G>WV(0Q_XU11 M$OV*AR&V+(IM)%E/-\6B,E^62PY>9^S(8- B@-3E_C4S6,2XY;1X1Q-9,MB,[MMPS+?_E"FW)[\AK9#5)D=?7B>,5.X/(#!0T*D8VP'F.$*980LG4"[3,Y@1 MI)F']A^#_EF$Z#=?/D0K9)H&84S-64S>)3>P3@BSKU? O21YFK[XQ)_-9P9 M+#4\K-R?X#- "1D]GU!@=EA@V."PI]_6X*,W0U&8@<5YD*Z/,6II MS0V-X"@)(RP#-AG/89+BGQ?&SFE++0\K^5F>1@E(AP=NKR'+$0&/9"&W&1!0 M$[0:#Z#/)9>01$[5UMJ!/(N2A;-=?:8H M1.R>@!I.T4QZ9N&QA,1FT"MSX1!]EB43+Q5>ISTZQMSR.ISP^;-MEC4_G3YS3%)#^.<,V)2@:L1$[9S*7]HC0\\T9CDD]+7N>,..1P: U[-[8%U2-MHF_5P[Z)6I.Q@P0M6"$FW%')V+5$3-@3432T TQ8ZY&PMJ*8<;4A-K"WPT3+ MBBWHCYDT6@#TB)R466&$-F-%>-1;^BPJ5GV0UCT0%B>&;W-B/9O'^@-:A8M MN]X0>WX0QZ0(_L^:O%Z6/9WV/-TV//Q6+$K#.T)Z!G6AW#(F77QK%GVYAZ M6/1]*\;6E($59<^38L.'8N8]T?6;V/28V/&56+1IK=BRPWA&;/M$K'A##/T@ M-CT@=GP?- KT>=0P^(AML)F=A#]6DP6#QD^+^;]NX8.1;_BN%W3:M(2-0V MOO2\93N;S-84K?=LT[HMK2-BX^(=!OZ^QE9)&,16.UVJO2-}>03#[,M2TK;) M>DW1!J?- RT)V4<2C;)USJ]P:V&L0[T5!N823.,U=X^Z6EAW!=?D,D!AS6CU M9Y/7?:(.;/R\6T2;=U69=T$LH6=&.I ZXP?)6)CP6Y!S0)7^&\]R+F'R9&9=6,M21TK)+V%32/%)HV^48;H) (0MDZ#%>D;?!,D'JS 9LG@&PRVZ9K@=,U9@]%^1-X ML^\(B_Q2]3>YQB")RD#5&_5/5L. I*I9@$7=-&'78'88]E7):>XH37*6@:';-M%RVN\9]|0P(OQ2#^'Y36[!Z_1%Q:@7=.) (!AMS6,%P"E97^6%*+,1XB^IME M&8>]PXFX?D^CRY8PUCS.6JOES2DIXFT7V/V2\:LN4#3F>HW=]X(:DY]-84 MS>5QB>"&BP@X4(!=9/OY5;_Y5QE!9:M9B#"%*&@? $Q03'W8ZSS.2'8++*&ONTRNM]3]48C8_>*BQ)N=B!36K M5IKYP95F^N>BA[7_%F3SY6PTM8%92I6J3^2]>*EG#6G%") C6F'C+\ZF7+)T M7*=I#A87.2(+!D 17!0!% <4D<\8ZG&P;"5H$F@:!(@$O463<$Y(+O6(3%<)^ M] QAY0IF C$9"GR,\2F,"60*?;&-,GX,%77K]!',%HM"PB F MB8*NDR]+#3U&XAY@DSF-,O T',4@E+:QAWE8GAU,'FLYBJE#=^]ZPTA[RIS1:1 ';57M-/%-4&<*;(\2<4*45 M$T)>HMI:SXCQ:M)4A<2_NT+B(RH">G2%8*,T3&HV>9"@EZ0AH5O22^P!P95/4>Y=6[1A| M]X6^R^C;!A[+7&H|Q0NJT!# K.(_%.2D5<0$DV@-#F=N8PIT*V,%]UD@I_<,;AYS"&>"_RR^L,D?T%^0%;A. ENXR+6K^\3L%]_HSVY$U M6I]? ^ULZZ>PE8A[\LIV14TO.Z3Z.3$K'3BT%0[5)*0BHIZ#80@6=DNNCO@Y7 M%ZVP]4K=W#)5)S#*##D,X*],KKE:A#*24=5,8TPT3B#X&@U_=M'KW3=#D6T MH>R>@.;)B1='P23:XTP*3:HZIP?^86]WF 5 M\E734D))]9A%R74P2&M[5TX]5/4*R]&VRNUROBI95C0I/7.(N8[MX*9&*(-1 MZ#.Z:KUZ=I>OYRLT=$67F_7EB;L.VJ"? &U'1(E.4;&+G.R84!)2'>]X[B M^\'Z'?*#_WGLFP/TR[8_?9B/R&0RLMLI/ MZ6 9'=QT%E8OBO72=UC'WE'DH&9CL=D + =.,U2E){}>.S:?:DT@O9G1M*>GXE MJU)QLTG97;TD$VI9;=16)C*K0T\BNYO=H2Z3ZH1YMGW &%CB'%KUAK! MYKT^0X+.[C/|\#W?%K/GP4U\$:7D&#]G45E/:?$VLJU.5VG+5!]R;;F*L+$' M6WA20TW*0K<022@ M<,)#0Z7OC@5X 4^&YW3]A$_DE]_J76!QHG!7&YRXW;+91VQRG&%ZWIHQ%(K5 MZ] *Z6HG@3W-7K(/.'E&7)\8/H1KL,AC@+<%(LE3ENC4<$W;=.N)U1[=XP:) MVIUD!^K= :9>>YPV3URICWMW&><<-4"=]=_J8]L\Y-[>1K-91!OG"M^!GJ_'B M<+;=;?DO@<(&BPB>LMS.PA.0"TXL:1-5HRN%6EN:) M@5FK*X=$N"Q#KC/,Z8I!+JO9ACV5IB'L.S3_++#G=:43V'<8:,;8-Y? 6KJ*DB)HR"^3O F+R]RU.1#%@2EJ]YEEG(:KJ "$2@K:A-% M$@T0[#)N]Y4%R_ +,M[40\ /4=AE*SF2P]_*4EFE-(.44 YAR"]^\G4)FEW M41,BO,%\>[&)8P8GY,.I-CF8 "[%NA!M>C")HM:.:.R"9C;?3Y^HTZGKB\@2F/-.E%$"EWL8?'*G\ M._J#8=4'F^XL2+X\XOZ_ %N81@P<|@M5?<8]Y,A\LS)S04G9FW@Q:9@@BM5@ M? U[S,1R.G4'78:@7DZV>3[@"O'R%"@ R%5P,;R9?C%@MZ?(BN9W'6RFH$*K+ MW1SPXI;(L)9HP;7EPF3Q2PJ6>7P3+;MG1PHU1(!IUA@W9)BR6P1-LPW7)L3A M% (S)+C_EHERU7OBLJ-I13R#5I*,INSJ Y!MR?SW:QDQUMNN^4R2;J?HU1#-5 MLX8G.1.E4<2;M9C]0# PYK?(G;N:+7FIY!$6J24J1UB<')%7XZ$B%_(7?2(1%ZSC\@@% MQX&&:5$UP,"C/F^MP?) _;ZG@IUJ+D;&Y^'"%K0[:M[TU M^>*Q.CB,\]31KN8V+;=L*I BF?@!"&];GAB>Q%E :K%0*K^A6SDXD;QGFL M;/'Z@I*PN)O H*X*&(>PXH+[D!YV04? #3%I34$'.5B"CH($R*(=-Y/5^G;P" M2CCY&F7K^D6AXA$A\]I0]7#MC@$,K;]'!U=4ZHX /B;]H8HHQ;.&R6E]%H3? M8KB:+^>$/"O=CJ#4/E]+46H$BI>34%7%3*]&FWB&,O%F=)%C0 4(X>6:->(% MI0YG!/12(U"FG(2]RF12-UTM,CI[7ZNM]'H/>^#(I*ZQ' MSO F/4-3]>1=#O++ERT@D9J/T::X3/. .4QKG#.9\E1=P76K%XOPLK51X $ MPSY17HJ5FVM>J!\.2>6F31M0LM492!)?'R&2%/O$%$GBYBHD_RY"2E6PHB"A*C#XI&MWUWMOGSVJMFIS5%YJ9P3O.HNT MM\"= (FZO=B(LU]8QK9S3\%FV]J"\ M<)W(DQI-AFIM%$:I7UJPJV.-,T)<]50LBF154[*%8WC&5O8.+P$K1%)HGD=X M2F-= Q85]X1D%W,7+"88@E!..(H& ^W2)&MGTAGD-]2H.LKL@ 3%>' ,/.T,. M\[!4'?#"%N5 N5$D!8?DYRSP+ 1QO3)FD R<7PBNV>*W9MB!Z,8O2EV;XK= MFV+W3B]V+P6XGTC>F N\,6P"%OWV#FO0^[^3^H-O6$K5\#%'!;@!CB'*39 M)? Y:9FQW%O5(96EWPPAZE"Q= 5Y8VMY6@]X4(X)%KC!7",?Q+++:@(KB-B+BXQ9K^^6EEI&KULLH(:AWUA$D!/GIB*X)'NA'WR61.U*&BJF;E.Y)< MLG0WBW];? |V^),;97*S3&Z6/YN;Y? $.%C4,R!#T*=,O0NC'Y@$6:IVF4(A 5E][8;#]1-3<-N M&]^BG4MC0\7#W&W=SH2A^OM'75YY1>] UH8A1PMN!+C$4I*)M++? X22=1(9'TFET>'=Y5?)\^X,8@:?N_!VIJ2OK\E^3M62)4N M43$+/+.BJ"6% M^'6VTAN/2M BHQX^1>0&04R+?62U05?T+!A(HI!C553 M9!IC\F31Z ""(@3])@ 9$H'R4)/'U/C!,R1*W&? Q8(KP"?73=\@5%OE?JL*C MP(62Q!,]+!5YYVDZ#K-8T^S#?\> 8O\QQ>G@R#;9.K&'-,*CP.9 O;B.8GN, MN,X3POF!OBE%3S1(\&;@K1VOE/2Y$W)#Q^F1R5%T]+TJ.3T MJ.3TJ.3TJ.3TJ*0AA&Z"9$&-6.M_J/JB^<$WTY@R T"."!H/N#5IN1[^ MTX.@I_(@]+/A/ST(2@6)\P=!G04,%$[P-8P7PIE$HF2]8O!*C@,0\L+]K"D\ MXLX/[* <78GU[(=;9X3@W<]07F2YOR9NXA5FCHX&F:*-RSLHN-A(*$K/@M4^)?6[S:L3=8A.^_!/BKOT5\XW1^FL$!PYD!>XXC:0\F MIPT>-.A?@B2P_U=LDA3TZ? XJC,GMJ=[)4JU3O 20K^8\B+?$5(23;QC"O#=[F MI(/F2V)V@###/HF?P&2;9.MUCN&;]<[*[^N+X#,3P^^-WC.I=A>XKB.[R;([_M@\(UX7I;V&4PHCHRC,3G,VX\U^V=Y MBJ5*TXM@EV)^YD_88$ZB9'4/\ X @<5L2SP!04QB^\IC$*#J,9_+EZA(6QF@ MWKN10Y#N#!(IL-!,<,,W&?5;8ZP-M>2 MY=3V'Z9F'6+\%N4TYCJ.GK&5[_@\ )EW))?KR^)VZ6TT+< !62T7"7%\,F#*>CCWCZ=^]S7@ZI:,S,C7=V+*5 M2># ??3AE)IN2DTWI:,;4M-93$UG17<7G__15=8_TNMI>87OU7#E$%!'TT: MKD]2Z,;A'8K(XS-G(,%2A1'^DZI1OX,.H)>>BH-N,Z*H_.[RW. MC F49^+,6]]$<),OC],D<9M:9"(O^]#BUKW@S]Q,;TD*K?QFIZXF)ZXL** MZ8D+A2E!Q1]4C5WGAT9D-3 MJ]_X-69R^LS)+E)3BO@OPZ%8]E&;5/HN0ZY:._#$G%*Y9?H:'M?D*B.YE,.S]WK9Q'.8F5#=NN%D(Y:V:1KY! M9SE7I\"[L0?>_30%WHWLT&8*O)L"[Z. NRGPSJK&!PR\FX*W-(*W/,NJ, 5O M*>+" [^"MCVX./F=AB*U+V]'F8&_KDJP!)(-_5F40<'B*2I]_+I(7\1[1%92J M$,(L96_>;N9=^!QD.2IN??TO"-.\8;U_JU2G=KO(U7$TVD7]@'I"-T!"J&8&G"@T7\]7-EF_2I8%>G,,,/\ M28Y6D&H/M0OZJWMI\23USJ/G?D"SS=L5 G_D(EW\^4=0!%<1&^%+A!-5RLL 134=(O;!9I',340D2? MIO-CV9Z10W8&]V!; C4ESYM$21AM@[BT?1Z_0Z'=*4^":8;*D/ 721.Z1-M(ME6G)^0FQ.M>XX>Y!EAD1;>251$X)>Y1N&0Q]95NN#[]5^;Z">=?=9D1#%WTE MC1,"Z53AL)>V93K0WMUMJ-GXYFO24,;>@6- 4X)>OU,&@U[1E.LW2ZL91C@QWH*7[/$]B.O$N2:.+'(N6SF+7I^4OZFQVTA"+7[_)&J.> M^,EI$9*<$E0?EXO(1V5WEBBZ4=[']U7DE^8=1O)+<%H$2R,@N0%6Y!\&+//7V MM"\ (4;30ZBO>CV>*VSS=!AOZ^[*B8E2M-HNY"T?D:*ZG5Z9@:.W6X6AL0D-7 M<2] S[F2:4&(>EKF!A^]Z7FXH,.K*"%9WXL-#?V%/F:!2BI. 2^,,,IX@Q+R ML+5T(%B\N4.@>G3K',$4&^S%[O,.P>>HZ46JH&5 H>HZ+0K^ LJ\0R2QI-60 MZ\BMR7MNTWO^M\EY/CG/G6ER3XYSX]E;GGA/++>AHP?P#)*/GZ,X MQDP)%299NDZT"KM2)4_N,/LJ[5+5Z)+2[N MI6X5I10K5T50V0.6(WQY1&#*RKPRPK!@IQ=%IA=%IA=%IA=%;"PQ1WY1Y-A'-MNWCMJL\4\R FCF##2B(MC_(9175>9V1%$YBV6%3OT-X#1B_DM::D M))-7&8O<0%Y+&,?P>Y2L;J.$]SY1N5]#[')^:*U%2/4]LBD:FD-<58+%Y>YQ M:'%L0]"!"4J+-U2*Z? T")0K*ZNJBCET^U%,QPX!_U<48*OA#L?09C=P"""9 MXL#EHT1VLTK4F=EIA;QXERG%[=02B3) HZ)>>=; LSB?'F.P"+*KH*P M"#G]'+P0M\091*B8LL^#+?[2"^? 5J5IO&I2]^HL.@RZ0#?U6.L%U%'CS^G3S M@G77Z2HH5OM?F<7\182D.)+,.9U-S[4..&)QY'D4\"E6<#ECU/ I9>G M:U/ Y11P.05<^J'D/UG 96-[27\HB?6IOS$?0,2E2!K98$I*!? >)"DHQU5>(MQI6;NR*MWN2LFI(63$D+)B_7Y.5R[N6B<7OYLHU0D?'T(LA +PF&? T.=GHU MQ@49OL&2.D1=NTDP8'2' 5.26A6U>WL8,"6AG0X#1N0!]LU//!T& M3(YI$&"-'7W MYPK7V&) F$GRY@7>@Y"?ZB.%FB/K[!S F8L.Z^E>K(@<:]ZT4%"V+H"!TS$LU)8,@7M\U@*.HY M/?S"$]"I@]A%8S)\!PGPS'E$1E.LAPR[GR%96FSR@ MO*@*L#AXB3C$G<\K!]9FV1W$77R=R."\4[@/"FKA$2)#++0I/*@MN'C2XH$X M,XF5_0G %0]VZR@,8HIQ*RQ?OYW%+C<*0U963A7SE4/3B2X!^T*W5>_ >.@\NJ'WQZ_=M? SK]TU^ZNS=5D\YB"%X99*6!2* M-?:KW:&FUO/GMYV>/_Q0"4)^\+GG>PQ+!SRIZ0[S_W/?Z?G##Y4@Y > >?>[[' ML'3/DYHV0^S5>O[+0Z?G#S]4@1 ??. [Y'L/2/4]]#A*,+EC8+W,3V@_2[&^U3 M)5;[D\\:X0@AK9LV#D4-^24J14>QG):J3W@,]"@@'V5V]@-!BO M#_B'>,A,GZI^@$R5BF? %2@GFK3^F.2&&8+_':W6E\F"3HMRA2N)184=Z53$ M/%04LZE81@VB5A'-80;G9]P\;89 L)%3L'3Y^]U5<7E_U:PJK*2F)<@,.I0E M%U7)TNW!]-T2*V0?]DK:U#*K2F- 'WNY/:!+4L_R%7IC>I3:5I975N$RA/L# M^YA7?*H=>1U[?>8.:%R]P?;&+"Q\L^D]"$'T3+;NTX68H\L"XPO%(654ZMJ MQ[@>HU6W/EQ2JSN""^PTFO:$:O*[8ENN(KO-UD*S =4)C6P@RGJ+SU4)*V

PBDV2P,40ZZRY4%2GRRE;-4PU.LL>5N4:KP#K+!GX!0@1'%)PG;#$ M2._Q=Y@$3_'N#O=#U,|\9$1C[V75HC$,>-KH("VOJE:SM3?562IK!K=R$Z3< MY#<6Y,@):6_2.FC?
*Y;45!FK2&*R,[0Q%Z1I:UCN(AICQK]5CIT:%-&S$X]%IP=O##DN0>+/"S&:TN@ MFV";@OERMMW&44A"^'18[U]X8,6.] M'BFZIUF,2#'VHE:&7>R]?LEB[PR4-G'$)*
(0_$]"&JTCU6C15>]S7(G!V. MT8/GBM ?]:#%5DENT&)5 CIUA@Q4KC"VT),MY$;.<[.A[C"= C+BB\@# 6>$B+]H$'NTZZMG9P0R; M.>Y!-*
*]GZEDQ@VR5*5[1?:6NU5P\M3K:ELA.]Z)O M'W+28DY FD7A.=E%HQTUDP&W3!U.1B_C-&\D9[A",:GX^CVD2V+0"FLI9\ MPDZR-\0?KRN*%8T"PU2CR8RR3/1X--*
,B%8QT4^ZZ@DJ]$E6+<""GUC5 !@^ MV/UU1G-N$GENOGC7"50EQS04B"-4:N]1OA8MUT/\.GG&.P_B$BPYI^]37VB_ M5Z<7\E^_4N(IZIE%DSUN?>P9_8V.1!?)
[G>.FM=^K,F""%6Q;F13 $K9L/[*O M\14U)?:=$OM.B7VGQ+Y38M\IL6_Q]SBQ;X!(3C627]U(7.\PD^PLR:)%%!?/ M)#R , "^O"I1YX, "BN%L#-JL\] -+&=3F_8.2;M4VV4K
lLO9BNND\,9+R17F M2NL\R9AUW4+%?FD.'&D:VF6ZZ-[R/L304^6S' M6(K[+K$CM&1G5>,WY,D:7U:'E_FZIZ =-M.A-N2QL";RY?#3K&2>L,H6YPX; M^[=CP%/YBB0.KH?*
D$,VKGTZ,;<,SIX[U1MXTIS#GN"3ZX-VC% ?PA >,,AA^ M:[Y-29[H8D2G"DON(U,Y);W;&;,,64E%8.I>V++H=R?KH[IU\5<;,+BO+UX M+ Q,Y:C]{ FC([R8=KXF#N_T.IF%8;I)XR
*#BWFV!HAT%0)K,L\\ W*26L:& MGNWV#R2Y=#_ SF"T9)2PSWO)7[FZHS>$XB!-HV44%G@GW@@9HPM5,J(L[>)2^,DVIBJQ6KP4-P*)K4[)8.-8POERD MEW_D4;:CK<[4 LU%N5-*
@A @4RFF'UH#KHTT'O-G8 D1Z*(^K2'<@8D%2O6]-MO9XS1:@1)ZZORO"8K[F\@Z@ 0Y:AZ GOOIYB\ AO84+'G)H:"G^N4WR4Z@G?/15%7;6S@YHS/ KD&/F)3*
MK>GF&W/>Z54>BD^=);=,:2=>4F6;]YO999V>,FDA";KQP&Y_9F/H!W7 MNYD,5U1O.+=.U46,,NX.9>3T"'>6D:QT+\@@3C3,(CE;3/;^]6UW33CC,E,TI MF-!3MP_G"1(S%?
*5T0;F>O*GB^.2/!J3ES!+AX0.U$4G#PY>;E#.81ONLPPI6 M.AU/5HC5(#.DYBWR;'2'!P-6W0^O6'^C3!IA,%3P=SP&-/ E#.76&.*KM/; M%*
(<1X6ZV^#TO[T#K8VX0XOW%UPIQ5_XP/4C"@7NWM0%48K&S\%MAS= Z8%U M$ILG,DP6=77M2LT&Y U0Y0;&/ Z&Z65K8\$:>\XM$8GQ;<^:/DIC"JO"*UQ*
*M2\;VY*HSB%EQ)+I+LJF1A?W#\54]'::-5RU"#\]N8<8.G-.Z.HY7!QMY@[*NT M*GCB(O[A,+>(1M$!?ZX(5;R|XR?"W#YCE \JZ+BD=N.LSG=:'XVFFN] MF#<-*
*$:3>,3:0)-6JVPPJ\U'ZK8]Q#S', RY=]4H>:[*U&"' MX^DC;BV]A:T/=P"1?P0KP,*$(1D6T*7)^(TH.[VC #CM!EU;G,0H+N\,S-(4 M9-*
TID_6YZ]'^9Z!Q(9!&7M]l0LY/80H^;D$OR5#W]]J,_SNMY&1U@W<.BQ+!_&1OL1ZR8_TB!TUD%H.7U;I1QZ!ILU6&/WK M* *H>UUQMCL#2;C>!.@;)89:MCAKBK%O<75"V-*
*#"H(.**S9W1.LW08=(E?V(PZ44Y>P,46D2W M.1?PX[MM8,63<.& B'TKO000BB9S(91MSEW&(QSBCF'\V.&LV@<6N(R'E'0)E*X*
*MMAED7<\4#T$,TF]]Q)M#>LX@7IG:.J:7&8'*9:13U3>#INN!3IFPB(-.SCSM MEF1;IH>2IVN4,GIC<'OTT*YW8'"LR9D7_9(L,#5+>F5[]O1/@PE33H$541.G M8J!)U/7J804#8NO20HD#4M%&*B;DY) \,&(K,>S'IM4DT*R=.=(EUG:%S.# M,N"AJK!<2!P:.:|P,@F[>?/G=X@.]UO?MF 7V+_^TR]P(I:$4';[!@2M.1>O MU)\F?-*
*EBQOJ*B$L5Q^XLLNYLQ0XNH7RHC4!T*=86+G+]R*;D8!.Z!2V*]K5+ M6_TUUC<4C#(I$;>]&2:X56C5L>&O=S!E7 M+6=4EI*9 ZA(N-.5TZ,*0-*
=9TS]1SKVMNQBLM9KM'C,00K#+96P!0+!^U0 MENMECN 6X&F>?;V*5Z1.%T?M=-C M6%H7I*9-JU6MY_GOM/SAQ\J0<@//O=\CV'IGB]9 F*ZZ!W*
*WB("2$75ZS9+!TP[AL*5M_T:- MJ+B]);K9UFR%0&&X,9_GD2A+D8%2UM%8D58$5).V.9I$;90OVW!INS[1KW;M MY;MY2<'4URA;UQOW\E6]*%F133O^WZ+_,(D!A3V -"B, E:F/;,.*
*HT674<2 M(,E;T%O>$4P9L4698:K/H"-"C(*LJ3/BD7=_I,+H4Z>,:V;IU7!+]D& MY6*8 HVCW@=3?/:E%%FF;;3?O?S4VP/W?0BSH\3&)=I%L3A+B,*PS"NR"(.M*
*<1E"G&14N\X0EQ:C7V@>J1Y16C3{X5=1"FQ MY++#.&%XGZ?*M;"[<\]X\M5[*A>I=0+>)!}!H]Y(CA-N;,/\5D4182LI Y(;@< M!2+N_487X"D[<-*
*V5A^854*A1]9U4C:/N^+?AHBZ\$7"DFFNZFKS/^+(?!&>[MANEQA< ?>9$*O>\$4*A1=;E4#:=N A4809TN:*).HC&",:E&7*]D-+MUSR)U M>ZE0HPL?7@UW[@05.$*
=?9O8D6BLA1U>(R>)G=XVWB?TT-P5]N'#]638 Y / M]W6IV^9[,K>B%E1W2,J53@0ZE=Q9&FKS"<,_ C$[*W1H+/0U6O)F SG;[M/_\[@CW^GIW YX!{6:%6J6^!<2M-%*
*(C2+XCS.P@;CM>SD5]C]47-F'%=WNS$ MKNN%H20#&-9D)=DMC&6/TS)SXF*WQ[47-F,-C3FI,P]JZ@3&%A#P$[6GVK()/*], MK^MDFV=1{O5]B9!=4M)(>5Y2B.0BJB"TRL(C-*
*M8!#:\;;^:G!W$=ID'R4 M!LG'4P()76SK(/DXQ%T<6R#Y01HD/TB#Y(=3 @E=;.L@^;$##$F?QDU=1$B1A M%,3729JAO(@WIVS.^*5]<+!*C6K(]26]SGZ+1=@U!*
*(HXNF5Y[_X!H.;$UL=$Z*RUY6.7!M/8T$\+T= MT"@A3]TZ'A?S_*WD<5#OP|;RR\,C*FR6'1;H$WP&*"$<4DU"]/+[B]W2GO'3.YI&OR BK^O\L_\N@9FT*8?5HV<6'!.M,&*
*MI^"8+Q9@36,3!YMUR^[W0,.XBC,P(+.)?U7ZNQD@]3^(JD)*8=IQ\4H@E8[MJ5ZF-9"'"]M!5ZF:=9"'". T2R_VQ<7HBB MG9?*
MSN,@Q9NB>M/SD,&P_Z!IG3U;OD:=3$ZEAAMG58.7Y17G?7Z.XFQAOBST MEMZ#*$USL&!^0,]3F,,90@0>TW6G-&42"D=(19/#++
MLS5$T;\Q=QN25J3[HK=BK7VZ9A4N;KI5QHP: MKOC6,--MQ;4ODL[E/2!]35*>[6? 0QF5]4]%$!=IX :@LOB]!A3T&O7F"A,/IG(98\W8. MT^PSP##FHD)0A88/9I41(D5.?*
%/,.%NIT/,W+]!3,SA[!BA8 <+(G'4 .%WGD(MD]A&0Q&WV(@B1)-\]#HZ>:.Y:[U17!+@3E@3&%A#P$[6GVK()/], MK^MDFV=1{O5]B9!=4M)(>5Y2B.0BJB"TRL(C-*
*8U[

UJG$D4Y^[F*X[!>$N.8K5.^VP%4YQG[MTZC6LKWUJD,,FI>]P$G MYS-"\\CMVB=HG4[<6L'LK#6Z5[1]];I=13KMTZM0=F_UBDG2+W6*<" =OTT M=NL4$/-TY#=KG-DZQ=GB-!S2.I4H MRMG/51R']9(8QVR=\MT.H#K/T%UNFW4\]26]+V%*H.-FMMJT.DYS=$'<-DM M8J=HH4KE=),Y]=B!P M\YDY-_N>;#456Y85M&K(%15F5/R-PCQ/H_M='M[`Q9Z>Q1/)4Y)$[^P$494? M4?84IK@Z7]4YB3B%1A3?N@?]@T@'U6.5NLVF5MLJN,A/OXXR%[=W (7NJL5" MDGV%508S?]GB),.B\@4ODYG:GE3L$,C,L8_P)&4$D#]MO3TW:\]4/E>S>C*@=#[<4:FU>*2-L4FH-]5E\4Y]ZX@0IU*9_GTB%A$K M]6SQ3@8P=ODZ30#[>&V=',J0XJWPS!457(W&@&MG[_B!K6S5OD,_VQ=2"U4>0 M"1H"71V#*=]E'F20ER@&A]'-F+5L5\VG*-R079*!)0&@;(E.*,3I()9OZGJ$NU"FM]AG:C< MK4X02>QK%GXUY7-P&75/V,/?SA6($@F:O31X'#]Y29_PNDYV6Q3_$3[?M$S M/H1UC?,;AV7XLL!I1-;T]Y3= 7V\R_\+1CKL&:RS[@6#IF2S]DY6CC>P$HZ4 MQ>8,@L(&6C6-[$=F6+OGQA4X!R1V2'+^Q___*SXX$:B\@E8V"GDV6,[;2 MTEL@F=T*%HXXS*MKEX+NK4LM2O:$S:@SGA&+7ISCZ&OE)/5[[QSM.V XU: MHV'0D ;4^H7TB-FF$Q-XFM^M<+#F,ND74ZCG',G+LO"S=3<$;#!%;Y/ M'#N>><7I/ "FXZT!)BI9"302/)MTD9=5%NJQ$F]ANR?7@/',Q:V5%|> EU[Y> ML=,$N&1^$'DSI2]+,1K%WT]@YN7/6K/OK=:,7/-Z$"BU*OJ73TY0]>PX$=-#Z MS&8HJ$RYJ,H6U:FL'TBZ2,D*XW7V@7Z6(D;U;ON!VM77TM8VI,K ;*40^[6D M4((?PQRO98E4W]N,8;K62N:Y9=10M!#C(FS34]-(D[N>0l;JZ-UWQ916XW+ MU5KH@:3H^UJQV/+P0YEK/=R//SW8)0-NTR'>]5":<$$FKX>F%&[VUB3"-IIP MREAL]N)DSI3M.K%RL#_7M5YOGZRK-G\]RI%@'YI{ZH+O-OV@4&FV (4ZO=:@M*VS9G^U1NAH.Ki8L35-J/TE3";I>$&$98;})% LP9'26:X<(}^C MC F (_&G', 9WIAYT>5,I"CD3%<_]YDNGB!5-FEV=Y MF*QIGQ- $HZTA"DMZ1'HPHEF#,ZTW>@2IZDM9 \Y"/E-(1X %#P28T9"IH:2 MBE$RE#F@U2),,;I*[G,TW_A[&.IS .1&GE%T]D2[)Q$I6N:.*S2[E)-[@S[,. MZ1-P&Z;HFM*%03_U?>*@>>K)DS P7LB&J0>!P,KAT6!)07^!YUSA#K9<% M8>+!A*@2-V8%+!YS;BC]R!FB4 _.V:VQ[&2[B"358.")EW?)@A%]$NIRR6Y M5IM6FD";G%O%L^=F6Y3O_ 6GJRCC##H!Y3GT$LA;Y)PK1L;C3B,-2KUCJ.!!YF*J*.LY7 M6()*&D*;/C)4I&",T H,S.0[&!]4WD:"[73KPM+PCZW.9C,M_')K%O=T =Q M-!10U2;_Z@6>U#-#Z"Z'2?DN@DNP"M $LESL#16$))+BT#RZM]>6NG(8$U3D MP+/"U/K!XO9F,;]=_OVD6/VZ/$&SZPLT_X]/EPNV));2:K[TYD0B.!(@)),? MX:54 S%M.LCIM0P&MS&;[HR0=ZI{YV\<=+!MAD&H)H]2K<:;&I MIDKW/;6Q*"B(:UPB]IT.HF/7S/&VL40H@:,!2CC 5-SO:((JZ]?EF5D]IS80 MNI^_E<*T5$*?]__[LY-A O1*IX"\@[#+R>)]*_F2S%8TNA1?)CG%6?0?X_(X ME&Y-Y7OG"H0@.D3;*41!*;T9@ZQ[G03]H)88.HM74&/\4>(#.NR@=MSZ<<+ZR75,E>]2C*^A)%VZ14QCA6/2!SK,51L;%VS;"5311X1E8A&0). MQ%RAOI3"/H!VW"I%Z=8.;B653*Z)I/D2IYORM'*OBH:I"DNF(ZB*^CFU6RMK(;JP82^-0B,==&N|]\F,B[G,K0SLE>R#.N2I$A-MHRD 4B)R\E2EO'0'Q7'K%9E'8S1*:I-"_!V31Y=?!S)UZ@XK\'188UR1,,FN M28ZS91JN<7W@QVVQ_I===`P\XD\K(1GV|!3 ;IM??FD1N94)E: 32.W0'V0QF MY^$'>&S#%_J${/F+ZMXQ\Y7F!57-V<+VH$,HX3^L"3SEW 3)87X M+*4IL_&B19CFKl0>2C(*7_IZ5S3,RQQO-MNB-I4/%)5E6)&V=%6#SF64WI1YZ5%,I\)8$*$=2009^9%"K$G.<58.$3_0+J-M\E]NU>;E)L9<@HPU#!-4\ZV47I:Z*T=*ZUGNQ\>7GC^OCJ(7!1\Q,^6]!A ,!:UUBU.AXPP*\EN.[/F!94*IYV M!J?#LJ1C/SZ@'7;BIU9/>+V+\|;#I1AF B,(C?-M!D.=RU+",)M!K<9F9<4YQA@3=OW8>?RX,,X29O@CEN#03AJ#3#73AQU"3-2T MW58S?C+(@)A5]U;@:;'3R?,.TX_\-$O6%_@9QZ181EV=_5MN MZ^PUG\$:.^Y8T0,.XK02.RKS%!'$E;S>I+02U4+$HIB'FNN4$++WTRI'BZ32FE M8KM510^U27GV$+9_N<2J@5/MAASWU0TM$:?NRLIZR9QK"@4HX^(#7. UC)({I M^EQ*.A\)YA85!^K29AA?YOI-8E3=;L7*>XG64H_,P M35\?JI4.QUGNTMXAK('"=M@K8TA"\GHFU>:0-KHEH]8R3 M';XMEV>QP7/Y,5A@^3VIE/+&G)&9$XIM2.YHU3ZO26"&C*N*04M;C*@1+/]$ M4JBU^.2+/TGHQ'9Q)=3LJWKM$D2T^D!R44/^0.(PI8["AXPU4M7@\OKW^.?7R MYO9R[GA1$:@TB=Y7.]-#IM%DAA98)EY(,=]L8_*"\1U.GZ,5+NZ:.0LSO#XG M&]8?+I8+S^(BC&+A\.U^V? "IQ&AB1@UNI_>@@SK?]PMVACI"]A;V&$_ M0-CB#]M^@\!+"NWMF C5MU)>W.6X4CT!*]BJ1<1G866TEBV1U=4Z=M+=MJ!NJYAC1H=2P&+"UTS#WI_H&D M,07O+E M! U#L!%;)=>?:M_3+ 3}@*CZJ"43"NUZN2MJF#EI=/]1HX^M+OQ@B,N>+W_$]A#\V>M!I(+8C*WX8OWW_/4RH6^P*S?(L,/'ED]A4EWJ_H&D M#SC*\?HR*8=ZA37R9)Y[U?@*$G]WEOLF^DJ4=-]-&#DNQXT<2G(2^NC!\"O"[ZEF4:L((7+)HO;DTS#:0&V^D(- MI^P@!FY+D7D^0:5OU'!>G>Z:4_>H\G^"]A$@FM?*&+ZE-0>4^=IRVYML'/]& M3>39Y"UCOMO1F\5=M]Y65OSOXV!EU8O73>74"2,H_OXZ6L"1DU23TC9/K]-MT/8^3>6@2"\QIE+X&XX>GRB+9L\X#1]Q\?"=KH_A%'Z>QCO>E.0OL4U<;4" MB.M{ZAWP%{0\M>/:^K7RHOM19MW-8GC,,W0EG:8BKKN*ZG]X&G05VHFZ.F MKBR5X;FH3;^B_'DD0U #W^HHDNCDPU=E?{=OJO-4QXBJ($L1Q,)$++$V4]/HM-MF_N?S9V.C[V%E/XFQ]:N27%O)%Y?[SBG^$SN=_1N4,^OM]6TX-M!:N!M >AYMXFC*N1^YFUJV&T=PL\NS/$S8C4$HS!%.UFP1>_FUOH;Q-Q'I}JFFY(P?O0;J MN)^FACG:,*/5X"\)=+)>':>Y%PG'7KN\%TDTY]_@Q2M@!/M\2CZO$,WG;UX?, MTV^W>IMZ6#/[O?_C#8*HO<@[93 3CA?L =-_%A%\2V03&^5K2F;5B[_1CK@=_M4YGZ(4W7?3_F 7C]!WI,G7Y_IRXU0E0%?[W4YD#TL"TU:%W$YCPR";N/[^. MK'FD@Q>@>]_(]<*/+XET.-)H.I&3(XN@Q[%2 MHKO.8!F' +^1[_G0Y=/-U MK_$X_BSM=D#HZ#*UPVS$DT$FP^SML'XG\?IX]QZ87MIB/3"2,H_X- MEK (>#5)%T#*Z=%;^&WOTI3BCS2=',E>&7[0/F24R7>Z5GLS9_2XD_ZY.[1]JO6#3SIU'^F @EBXO9O-X@CJ;[XW^Y8ZK%>]#Y4.)V@@F(<_;D8 M#B4/*"RZQ^B!I.C+4[1Z0A0(>1]M"D.H#K?4^==1(PEHZZ[^DB.0B2NJ=BPN MJBU%)GM3]9<_*R\QC5Q+7?;IXD&?N%C]0O!7882I&V=SB.GK63(T- $X]"-]M6WVI&9Z+6E4_<_1=T9;[.FX>BJ?9;)<_D90S'3V:?=.*3V5706F>F-G%9$D ML%$]%*&_X&/X$FUV&Y24.Y%H=ZJ<@F#_6I'-AB0HRXN+U9['"&W"5W2/491E MNS*K>J1^0M.5U&&LU8'[3+)TRC)HI75 M;LH EZ.)6,NE]]P\X+LX2]=ZL8Z2P75""(H?453_>A@[Z45A"LSQSHN-H14 M-E+Y<#*;9G<-SU82ODD..8HZH+ '!9M3$K_1C*=M+_#A.\=$GK\-M,$C'9X3(4H)#_. MG%!%-RF?[9T&P>]5'?5AG4Z3P!AG+3A},=XF&;_73H+;NJQ_T4:l?+7Q%fM M=ZSD7OW)ZI"QVX?K31'Y1%6 -(JO!2U=>2P;IP[0(+[!2D'F*2]XBVDG $]-MQND&?E2!>Y!R^GW+-WPH[M%DF_$[HYZE&Z\ZKK) ?>W.0F+V(-V,W??M'798 M>T>%^YJY:T)V?"VYZXC[VM5[A/L.3DF+@VU_U*V27W26^!SK1,31CL7B/TL.VBQ9+VA6N XW^()LPBC1,:=P:N(''V9>Y&+L^,7COT>N-8;$9U0]# M7 ;5H=''%"/I<_OI_/$_2)GC7RM-*L#?KZD4Y%+W(5)?@ROYO, MULA SZ!H[]AT%5#N_=.SIK/S4A&:10?')@W==%G9@T5YGS/C7 XVVB;BDAB MVN+)H%>%LB5_R,^KW MCR[''M91JS .53%F@%1N$%\\XO2>**4'H4REA8$:"NT\?/\YN_XYN/[*[R]^N M+S}?T;6MQ<79Y?SN\L+F((P.T[@6IPTS]H -*#=>MLY$A*IOB&FG+B<8<!GHW-7U'K\ M_^W2*%N7MR%]Q+Q%QS#INO9029NRS:-G04C2E]2*BJT@<T(?2[_=$TP8'$3 M[9+HL$ENU**16R393? P7P9PJE-Z@:DP6:-"#C4%WRS49-G;&MY] M3,<>U=61622XU\F0UA(,C)7RXL\Y"T &WRV@D'5YZA85Y>(?O";9A@/Q;!CEG>\I^ 41CN=CGJMS\&71W M1@+H'M=C,L'EP,]NNXT+=(1QW8^^3!Y(NBF78 A;JWI:=1T(U3+-"WK1&;;=B@T;10?$OCAFNB10RN!@[)(8IMX@[M$)Z3\'09OIRG>!WEYV&:OM*@BG7P&S;UUV$!0++Z5%))0PX"HK#2QI3[D1%. MIAG0AVA5/$6KQF,4%I_=4@I2P$2K)-K4D2@TZ>((/59;< _R%4M<@8CDH1 MU)0Y0,W\21):\I+30Y;1]RHA%L>@=*R[&MQ(R(PFE$H!-X>]-(6$X@)>;+U M#UKN*BZI-N0IE)1*%2'$I''C4.TQ,Q M!7UFCWUD2*M$E?5,O BE%0P55UE/;@$L*A*B_(YML':$FA!5E>LDP#P+DS^6 M$;TF\)9D49YQEVO^A:H7%@D9HE7NVT]74NA"!F"!4L!^0_6/GBR/4Y0?@7[M M-K3YLDV$3PH)]_U$N0M]7%2]0_80O46$2/J#0V'BL!{.6]T3;N ML^J-.\\,8<[U!$IX) !C6<+K6L:AN2T,+)EMM"K_1&'QT"UT^05'"%-^QC=&6 M2!..(Y:HM5S5LPHN3IJ1SH^V)7!IE:4/B06P52;(:?*Q-HTDI6T4I<(J, MK)/K,/\+GEQB< KG\OBB@JO[:>ZA9GF'ZFIUFROL#/.":9;-J$Y2V'$3X.*E MSUHZU:[0[:.O4#PL$?

@M9]+-5'CT7-J((“OC)&“Z# MAE7&L[2VBY+#RC&H=$3,%|:<\;^DJ“N^CN(B',^BL$FN?L\01LW/&$DM“_E4$-B1/ 4M]M?7T)

*M9(U'GHP$*LNS?]*2]NQKZ@FD.23,0ZM$SH9@I7.D75O$S#]\^H&H<;M M.7?%EO)%>8*;!*A/B= AYCL!B%7-IQ&1[/Y X$;K3WJ@NEA.V$6U?&2V M.(*1.JE:!ZIS|/:]COCPS - &2%Y=W-48'B=W+ J5N!L'D],WB M!-PEU0&*^38*H6F6C+5V1^@-9G2|#)+]Y3[E4&%) M]GF@*/0V ;K“'/@KX3$)[N>;;4Q>,,|%<9@#VIM@^>]S .1-;T>'1F2E'0KQ M)KTH7;E? G%F&DQ3=1?8;^Q+9@V\|.F NI[AYF5LNV4L%/B+B0)[L=O4T:NT^2+4~18S=,P5\/A4V7H7L|/+]\OEI4>; M!^ E#QFW42P>5*R/SRQQ^ZMI{UIO-*9O6;=2B]M|6 M2HI?RXR0X,>B':VJ>*U&IZRD+7JK*G3N&;S?Q^QT\B,YBGDUPQYN[RVWYRV']N$U&XUV,&W#QS5$3S'QWE5=^(HB.^RP]+<|S%;KR,6 M__/WKOP1HYC:.) A6CL15DM\|U!BV G,=*5#YT&)WSE\'9Z3[*Z3='N1G2,/;9GL M;I^2'-\G!=[V]ZJO6![2(BWQ+YAX[Q>X].*

C;4=J;&+NDGFK#>ZXO3$U2YC(_<95PGKTRNUZE07GC-(^]-6V\9?K;,M__CA^QVMJNT6;T9(GN[QZYI%$(Q)\XBZX: M)8%U>8X'LWP)7^\?

NI$JKQ]6]ZH1CYCK1$5OHIATWG[A/;MYK(7,#,JA$P^J MLN_!YW4'LWCN;I>“O525-^= 6U8G<;#M^HCI+ 7W|LNE'B M?6%TH##1AH6035Y^NP9O@+ (Y8]P[50YI9“:5_6VI#V7T*;Q2;Y7Z6N*Q:?? M9PG1K4Z6F\Q?!:,I2G M-6_'?2C6[.?O0Q9=]>/G)-V>5YO7=)L:!TULW4K_M%:Z-2O5ZU5S2ZNKN+ ^W\43R^8“%N+5B^,EH;& X0+/ M':GSU%#H]\;'B1?)ZQY9^GN4.+MR#ILV9K:*L9LON4Q+-L'LL2Q4*JLF&$J M9G6>Y!D=!0H*-[SE>__;ZA'“S1,ZME0;20L7T;#%“W'ORU%=#4/N08V-V& * M6]“4BD$5IM*+[@J /ZT(PV_;QPD?! MV@XE%M}^=.XJ(Q\2/.[5]1L^|B@1)M4(\;PP=Y+QZ'\D<% 6&M;P9$U'3P5GRA4S]\ MHZG&Y*,4]$E'J2!4%“#9!OM0#8HN%ZO39]L0.X=3[(*?>],D@F8 F*02$#*.M-,TDL!B$ F2LT.KR0-$P9T6]F'T01I6U A)!VKP5$'!;.IG0[2';YJ^!]__= MA%?DJ W(^YY.20YA9P;M .;$QM1ZM?;G8HW']3)GT[MAYS(/0M1\$U.1T;“.UB M-NU^U1>H/9A M) (7\K(“@,TDU@%26..+4&J .=[/8W6!)GK*]P296]3RC;_I:._/JH:[H^BH) M$G7DKC^F-;>G83]VUM=&[=6JS-56FB“JAV_T]P++8XDB=443\>[BH75;“ND; MNB^D9[‘YNYRWYY5? 1[S:99]S2XM%^0673V2[WK-JC2,3LF&I/Z89BZ=)V!0+ M*%NAH4J5#1N)6%4/^/*5%“RYD$%8UK64*W00-QZ:VB2]\D*]^S8* M??%7[_0WI(C3LKD? ISZN\IA4#“>H8GF[H%3L_8= YH*G (/FW>5)5M!ABLT2 MSK_7E]CY/++Y!G^#TZ(XX*UD?@@D332BN$B#M'?WMP'U D[-,/8-#M*K#&K4 M3SS3+_G$LAY=Y^0Q3_;13#.A0“GS(=XX%WD6>Z%2IP-@.7/EJN!IL\YP]=^+ M;%1)O+FP52]E6,!+>RPT,F$065V^“1]9_O?)_=\$)&C8MR6:Z^ >LE<-,7JN MJ$!0.BWTV=4-7_P6-P V“3!$)=PW46.KEH$J>_UOP;TDP“^I2)E2)“W]J M/R,T@=QE+XH94A02UPPU$/Z8EP1$,=K8@FN/KQEMOQ ZS3(H>[BLC1HT*+]Y!$/#DM/WK681K(“. M*7HU;H“I1P,!:F*)]H3“C\([^X)H0;_Z,2G2XNKAFJ*4-H0?^K“$A>ECECZD MFR0KZ^&!#@379)=NZ“APA[^7!VEK_C%“-(2H^KOZB?*T2(CW\#57SS:H;-E+ M] (ISLS.'/O^R!@Z“.P+;_T/_X“:.Q[T% S6*>P/“\, ?1L;H^ M^W+Z'^C?KBXN[!]OYY=W?V _.H]E1AD4K“0264>0]A.A!>'X0\YKG*C?7];XZ ME$699&PW?&2[TN?-A>?I<]\[S#*-)A;_S.1%G&?*. .1!N65XPDIG22!L6$II_MJ%..55FLBI\7O@XL[2=8#02'1+'ME'EW;'9(-[N.$\WE4I56/4X-.>\M.ISW9I0P//6 M>EVRS+/K|NF“SKO?VK3KQ3U#CNU2Z5:=73-7!+EWQ]VX<8\'“%JHR M/MC/G51L;G9X>S]U^93J'0G9&C^,|*Y^..AP_V+G =X5*!\ >.,TU=0AE8E* MKR]>;STKEH,$TJN0/J&)5]?IN6“5OA+DC3YC/.IGK=Z!CW!-5R^V>W)IW# MW?YO8R>]/0) OS,-B*M8>$%^;+:N*EEW) ; X/GZNRBX65P!G^+ZD!;IK MZWUFQ)I7]!OT,1'5EK-GK/O&AM'3#]IW$>B>@Y5BE?.R$+3J;-GYPY92+^M(M'!!“2/N:/OF_'V[CA*PUG2Q'1X M2 +$(~)5v=%7]I@GDK)(;IZ#N0ZCCK-$(@3^A%? $]\B;5 L3_Q-X>9?\#Y%;$[HD$W*0O-QZ-VB2]VD=*+]+\Y!$)#DM/WK6881K(“. M*7HU;H“I1P,!:F*)]H3“C\([^X)H0;_Z,2G2XNKAFJ*4-H0?^K“$A>ECECZD MFR0KZ^&!#@379)=NZ“APA[^7!VEK_C%“-(2H^KOZB?*T2(CW\#57SS:H;-E+ M] (ISLS.'/O^R!@Z“.P+;_T/_X“:.Q[T% S6*>P/“\, ?1L;H^ M^W+Z'^C?KBXN[!]OYY=W?V .

*{'U3P1C\-[^%?W99)F>'N1-7M'GT@NOMHX3M\'-M(*F)I?21Y!N\Y?\6WD%>7DU0!H-Y2.9Y5*K"88C4C.R KXT%$8R/E+ I@K*P M&X)P%%R2ARS5W@(,P-T')F<3^W3R0OfW"^/\WY5\Q;S[>KE]H"Q_Q159B-MMA'!@TWH3^S2S,AJ7=GKCV_/fNE=7-OKZU(<]*K\B+6X54/T(:FHJ.>HR'@(MY.*^P1E$Q+!CAU[5DK?]+VQ//MT?=3(LI38D$/&&WF-J0U-DLNf,0LF]"'., M@#-\\f9"3OF-M)JN 0RS#9.J%B=H80/;FBL"FW>$DF2=8 U&P<)!+T.VDG! M\P+;4M.6{LHNW,J;P>)=VQL@T9:WZ5N+Z^V;'8/Y.V-+NJ?FZ@)LI,!\6^;*(7$NR_J8<***,%36\/-B+1X@QJO<'>N-$6\0V4D4MY%=3 M[KZ=1@=*T!')5BD$)ITR/[Y]R"K&F0"X/8)QY1)_+^^^X=T+_D*R\FE\)NHK MQG+D5>,,W''-DF[P[5.2 MXX^TV=M3LG_&6<%/MN^2[Q]QAA_2DF7,//].5YQI@:|>;DNR^<7-]T'-!OZ)V$ [!!RM0;8'16%]F&L#.^Y#OU5IR:)}\HF,@/]TPF MVO2$+IQ0 QS2)"":1LDSH,0/4F8$L\6HEA=L^/Q$/8'CLF+,,KFP1\[;^HWX#'8=M\M0Q{CG=!1=:Y<8YKAV M,)!:$A[G\=D9'WP.)JXA.\N=CV-^)LV?.C=KF!K=,-'"%JO0>T;>6HIAQK_MO'"_X%"F*&O>KP.OB)@WX!*$RBNY &/D>1M*5$W'61RO5F<;%^.2LNK_Q?9MN_MS M\82^FV!"$O-N#B=!L+N"61;E;@/$V2U2=B=622.P-KA[K$K-D)9D>=4S#.\ M-(*2/0O/)"JL,,"+V,P[+H:NL>,.",FL MQ0T2_KFAX5;8DYPUA7+J6*H'W MKY6U9?@QH>S60X]"M[452F6M+O;/AY+G1*DNVT=HAE]XZ.S2s&\J0Y6)T%IN M'\@%W85TT@P&V7H'4_73(9B4A7+K=P0@+,.=*CFB+K8)D?EM6U=V0R\/?MG0M;WACA;<[!):BXO@M#]TS7BR,UNS.K*T4&WM>'+:SCC(N=V+=9!J-0K'<@%T"ZA{C%23>(Q[/)->[M;-D,QR^PZURV[9MEO#*\PV4L)H*[6]8XL#!6]5TM4VX;NYP=?K...V.E$!BT M'V<8U]O'K,?X@/">H#T8+&U3 M<2_0F-W6,&=&X>QCBO&/TMA-J-'+!+?\YL&NY\#B#N#8AY;)[3U++IMA!>#N MDV7KYAM2M'2S3*5$<"?%@*V!BF[@V?(&V'\^%N_D'$!(Z=E2BK 63I&W7AML>H[=#@!-DAHRF <_Z=I5Y2K4$DE(+A84(>:)[25D!:XE2%]>&-.5?-#XAD MP][A9B4K%LE9J1&@=M" M&)%0FZT["81HRA$/C"VB !8#@&@,3PLMA0U.>77F:(#)!2HFR4S1K+!DJ*I M ,5/#?*)N-4WE=8N'54GBN=]H47-4:MZH@:U0F<&B-VU4UYH*) T!^$5\S M'.7D.'JH&!7BL<&*_VU4B6"V;+"ZDZH:L#4Z'/!2L4[+0+4$QXZ4P?>'0DLM M-**!57Q)U8Q8/H"$!,,9'8W7YU$ M&27STKCN5EK#@#]U%1WNU;+9<I'G1-IL$G,C-1Y >Z7R1(D M6]26W0:3(@6 J2&A_IY.$CQ-T:/5OL. FVJ5G,I(7#5,Z&.R8T=''^\|#^\|"(@/3KT+H= M!/7M'0+3BZ>YNRW\|T?(3Y49&FRNR9%RK+3GG\O<5:D] 4^IX5-0CQ[H0:I M\VR$!DRR9_]N(=/Q6;7&-7&?A1)%Y%HM[2UXEANZ58@:B2BWSN9B G]_^() M#PNF$"06<34@7&6,'#6]K .T4F/ MPB=V\MZ&6_2"OGF>K2#.T46\1>ZN8W*1HXH%(.[16Z.^Q,=":M'[S0*6!PGB M#MUUC%TAE_2!/'R@LA 7=M1^T!_C9B5+(/V?LVC#Q^SUUS(*5Z,6:O2T M,Z,#A'Z_L(% 8&X03(TB!.]XE\K@=.7/+UB=M+/#2S:.ACM0O BR: T@V/4A> MWD$%NN72&,9+7J?4$ISSB!7O*.?&)&V'T2*4ISSB!70*.7&)&V'T2%@ '"",64!I8J=)C++;>!MWP[6489:4D-IF3K(-['LAL:[U#,"+ZV!A,L]XI$MKWR;3TE1*@-,-%1M"+V$ MRCMX6*G=/S)8)E>]BOFJN_[L2<+AW/H.HT8?^%Q?*V0>!A!:X;&&6^8\"85 MUV27;E[E,-=2#FZ+2"A!8N65K0"Z"ZW6I]Z%W-6%K X^/5=.8E!-^GY09"Y MD&$;2CX[3@+[Z^/;^-P5"T/:NY^R/%@N)^3Z$P MEH7 $_SVVE25.W[4]]&H3X[,&<-AS/(BF00O[265]U?.EJ9XNZ:N*GG$-WB? MI%G3VCN<[W9X=R-61 '8L(,&/!AWE;(R XCK;8A'-,"VEB-'4?;"6IX/B05 M$\H;KCHW44GYX@G&L$"&L"!J]#%DG'5!7_T$C1HKGPL[PIFG?[9"@UQ\I@(%6P3<=2 M&WPM<&QD/9:ZL@L/F883UW;"WNTXSVF6HL,7Z8]CG'5&5W28Q?7L=56BOP@M)=;Q]0S?E[=X<\AY,K_U2Y+NV",W)Y+?)CNL/$9Q8;T_KQVKI_&[M-/?\"UU MJHS>2M2J??A@>0?& 5B E G 279%MVE>_;@F9W=+,RWI00CXM>]0RNWD="W M<"\4SV+=-_@%9P?\B7YHT?UA]?F1&W/J:6V9/6W"")H);O0GI CUT%6.L?D<$9T73R!`FFG+ISVH4-U@80 M=O-)YVFD'>QQH0Q.,=ZFY6=2%&X,WT56E#/!?ZHXPNK$W:)BM6WV1-#NWTMSM)DIU.9GLE&U&]]X0D>"SIL,'#ZPH#%\G#>I[L=WO9^K%:&Z]V.?:.,O*QR M2J4),55+QT Y88OXJ?DH@Y.%A$'])A]H+Y>Q9'U?\ F"XAQ52]O*+-+1AL@6 M,FY)DP@/27663U:WN'U!%Z^]!\.DH@NF\M[6I=(0P(-P>GEA$6;\$(*I24O M+4KLQI!.?;D0S'8,6Q/H$]"A_>BX%3438K$ATUI7WZ53VY&&R>#.VI*V5,?8M5TO20f)C1R+K[VDQ.=Y7DPWO;@C(8"YO2/4#W=X0R3>XOC%E:^]OM(\0>T;- M@S Y=//9-TY?3*QVZ?F]/Z,74@DL=>H@L!O\SPLX(#0Q@2*@P@88P@!$,VQ#" M#%H-MH90,TI-H7H>H3&, ^E5C#D4{* RBHM>9A 0R2R<)^XCIZA33E>UA?]BQ MDC*#K;@LK.&I34V3^]'$:N:2QI CL@ M'M+T2L5,6CCW8O,%(6>?L2*4ISSB!70*.7&)&V'T2%@ '"",64!I8J=)C++;>![XI,A!IZ MI&.P(!S?]"V\#2F.A+ ($-GP]2AGC@T&)-^6)P1HF(UNTANDXU;[KNP\%Y2 M++"@\%E&F-?G=&J JR.2K2#ZWB3I/8G7A8"L%:)6"7[K@WB@/=N8JU8/BV[S MD54VIKY/*W <+D.8O2@6.1E;T"D?W6#(?WC/^_8RUX]7&3;]"7=']('=("PF\-MP3O>EN(I?;XCYQG]{_'"6E'[OH+6W.[.@F/]W1U#&XJ1<[1=**,_"0GB[K M7A1;W.Z(5ZJ.+1H2R',G)UTSV7"E\F>MNM+\G>2-[&\0F/51M6J3VCN<[W9X=R-61 '8L(,&/!AWE;(R XCK;8A'-,"VEB-'4?;"6IX/B05 M$\H;KCHW44GYX@G&L$"&L"!J]#%DG'5!7_T$C1HKGPL[PIFG?[9"@UQ\I@(%6P3<=2 M&WPM<&QD/9:ZL@L/F883UW;"WNTXSVF6HL,7Z8]CG'5&5W28Q?7L=56BOP@M)=;Q]0S?E[=X<\AY,K_U2Y+NV",W)Y+?)CNL/$9Q8;T_KQVKI_&[M-/?\"UU MJHS>2M2J??A@>0?& 5B E G 279%MVE>_;@F9W=+,RWI00CXM>]0RNWD="W M<"\4SV+=-_@%9P?\B7YHT?UA]?F1&W/J:6V9/6W"")H);O0GI CUT%6.L?D<$9T73R!`FFG+ISVH4-U@80 M=O-)YVFD'>QQH0Q.,=ZFY6=2%&X,WT56E#/!?ZHXPNK$W:)BM6WV1-#NWTMSM)DIU.9GLE&U&]]X0D>"SIL,'#ZPH#%\G#>I[L=WO9^K%:&Z]V.?:.,O*QR M2J4),55+QT Y88OXJ?DH@Y.%A$'])A]H+Y>Q9'U?\ F"XAQ52]O*+-+1AL@6 M,FY)DP@/27663U:WN'U!%Z^]!\.DH@NF\M[6I=(0P(-P>GEA$6;\$(*I24O M+4KLQI!.?;D0S'8,6Q/H$]"A_>BX%3438K$ATUI7WZ53VY&&R>#.VI*V5,?8M5TO20f)C1R+K[VDQ.=Y7DPWO;@C(8"YO2/4#W=X0R3>XOC%E:^]OM(\0>T;- M@S Y=//9-TY?3*QVZ?F]/Z,74@DL=>H@L!O\SPLX(#0Q@2*@P@88P@!$,VQ#" M#%H-MH90,TI-H7H>H3&, ^E5C#D4{* RBHM>9A 0R2R<)^XCIZA33E>UA?]BQ MDC*#K;@LK.&I34V3^]'$:N:2QI CL@ M'M+T2L5,6CCW8O,%(6>?L2*4ISSB!70*.7&)&V'T2%@ '"",64!I8J=)C++;>![XI,A!IZ MI&.P(!S?]"V\#2F.A+ ($-GP]2AGC@T&)-^6)P1HF(UNTANDXU;[KNP\%Y2 M++"@\%E&F-?G=&J JR.2K2#ZWB3I/8G7A8"L%:)6"7[K@WB@/=N8JU8/BV[S MD54VIKY/*W <+D.8O2@6.1E;T"D?W6#(?WC/^_8RUX]7&3;]"7=']('=("PF\-MP3O>EN(I?;XCYQG]{_'"6E'[OH+6W.[.@F/]W1U#&XJ1<[1=**,_"0GB[K M7A1;W.Z(5ZJ.+1H2R',G)UTSV7"E\F>MNM+\G>2-[&\0F/51M6J3VCN<[W9X=R-61 '8L(,&/!AWE;(R XCK;8A'-,"VEB-'4?;"6IX/B05 M$\H;KCHW44GYX@G&L$"&L"!J]#%DG'5!7_T$C1HKGPL[PIFG?[9"@UQ\I@(%6P3<=2 M&WPM<&QD/9:ZL@L/F883UW;"WNTXSVF6HL,7Z8]CG'5&5W28Q?7L=56BOP@M)=;Q]0S?E[=X<\AY,K_U2Y+NV",W)Y+?)CNL/$9Q8;T_KQVKI_&[M-/?\"UU MJHS>2M2J??A@>0?& 5B E G 279%MVE>_;@F9W=+,RWI00CXM>]0RNWD="W M<"\4SV+=-_@%9P?\B7YHT?UA]?F1&W/J:6V9/6W"")H);O0GI CUT%6.L?D<$9T73R!`FFG+ISVH4-U@80 M=O-)YVFD'>QQH0Q.,=ZFY6=2%&X,WT56E#/!?ZHXPNK$W:)BM6WV1-#NWTMSM)DIU.9GLE&U&]]X0D>"SIL,'#ZPH#%\G#>I[L=WO9^K%:&Z]V.?:.,O*QR M2J4),55+QT Y88OXJ?DH@Y.%A$'])A]H+Y>Q9'U?\ F"XAQ52]O*+-+1AL@6 M,FY)DP@/27663U:WN'U!%Z^]!\.DH@NF\M[6I=(0P(-P>GEA$6;\$(*I24O M+4KLQI!.?;D0S'8,6Q/H$]"A_>BX%3438K$ATUI7WZ53VY&&R>#.VI*V5,?8M5TO20f)C1R+K[VDQ.=Y7DPWO;@C(8"YO2/4#W=X0R3>XOC%E:^]OM(\0>T;- M@S Y=//9-TY?3*QVZ?F]/Z,74@DL=>H@L!O\SPLX(#0Q@2*@P@88P@!$,VQ#" M#%H-MH90,TI-H7H>H3&, ^E5C#D4{* RBHM>9A 0R2R<)^XCIZA33E>UA?]BQ MDC*#K;@LK.&I34V3^]'$:N:2QI CL@ M'M+T2L5,6CCW8O,%(6>?L2*4ISSB!70*.7&)&V'T2%@ '"",64!I8J=)C++;>!MWP[6489:4D-IF3K(-['LAL:[U#,"+ZV!A,L]XI$MKWR;3TE1*@-,-%1M"+V$ MRCMX6*G=/S)8)E>]BOFJN_[L2<+AW/H.HT8?^%Q?*V0>!A!:X;&&6^8\"85 MUV27;E[E,-=2#FZ+2"A!8N65K0"Z"ZW6I]Z%W-6%K X^/5=.8E!-^GY09"Y MD&$;2CX[3@+[Z^/;^-P5"T/:NY^R/%@N)^3Z$P MEH7 $_SVVE25.W[4]]&H3X[,&<-AS/(BF00O[265]U?.EJ9XNZ:N*GG$-WB? MI%G

*"VFS9*$F[_+Y" M,N"F&NWF9&YY'F^_FNZFV M118!9HV+8(_&K]'PLW8;_1#[*>V.R?_?WK7U-HXCZ[!"],O,._D%&@?G85X, M)$[W;(#N3I#.8'8P3XI-O]JQ18\NW+$B]%278"+';,;:N*%K^Z M4615*9&4(O,MD?E8N\'TT#E>MP {4BBN)]D]P#;ZA3,V.#/82]"">Z%2VYMWB MS32,;!K.VBK,*1!L9?*

[W=!^(\EE%AX0LV#W0>.\L,+24CA0H&DN?THX;3G8^_M@:3EQ+T9>ZOYN >;9=Y\|!JNG &!38' ,[&N]CJ.9:W<5$>7!=D.!,TEV3W-M!${X,TGD#6?^%QLW;M%0?""^WSA]#C?G$_]>F"%ZU79I3[']S$]YZ3[G:'"OG$ MX@T-H=1:YH'#*5TR+1.PI1'%9U/A4|H1LG,G:YZ"RR_2[M^1.+V=0O(E=5R+)H#9]E2"S,%<@/'|>9OD8QS@#_]D.0d$>QXUKI,XK^Y,M24Q%]U>HZRWDG>H19#>5QG)#]HJ"ZXG,YH'FB&Q^_FG9M7EL!]C->T86K=@,_M>'^EMQD@QZG>.C4F<$%]4Q U[FN3@ +W^33>[-PTBO_*#=W$&P%V>.G%^:^Y MD8O$)OW;VTZ \+5I6:5-1Y+V6@H9.OT;T*=HF%ZQ3<(+*%>B;Z"+&57S14];!T4|[=0 Y>)KE0C2*.1Y M'2T'DK4<24",18*W8]+T=#WGFT6FIX$%9K1}3256TY0*-\36'|!PLHAA&980M^U#'6#6$&/.:!#B^09.8ZAWO#0\#'|;MT)6"IL<-!2N5QXB/5O?%@F-^JTX4 M/$63X8F=NS&4F,.R-[50ET.IDV8BQ\(P3HA@*A$%O3Q\Z(/F_#K(C8)61;3A M%;Z.D8CI<-C,0I)R# ^D(9"8[P>0G<1B% MIRSP9Y[NLL==^)2_S85$90>EL6C\4>O(6_L$*]_&X-9?- #O\VB],MV7!FP8Z\ M>8I-

V-_8#!]RR.!8OJVW^1C\^K7;:&9B[0ES//23.&G=9TV,&5N:*H:2Z,V)1FPD+X]!]#$PI:B<73%1[_29]> MJ. ^"7,\M|:L9UXHP;R1@.X9U5L_*/9PS%8L#ZAF&;R-B=3*88H9GRR#97D;KMKRR"?]U$W!_OA;. ^I^!?UP],S"E1O ^P)9?/S)S<13=-I>$Y'EO)2C6U8[B MP4)=,>'(%7RHD1))"Z#.J6?S2L$:9@QCZ9L*;LJJU"'+.8R)>#R'9"$9#>QO M.+>UQV-#'-.3R4OI0@"\YDNN90Z#WDBGU4>BM+_Z3DNVY:UW1M<*OX3"3 M3]6T85L%<). YP%QY]T1CL%T69$3%6O&V';$PR(H*3, "K2.'!F/$-+2F0];M=Y)VI%TK"KFTU%IK$_?WE1JMV+_,29LP?]7{.HV4'8'3N=\"E:0%(^)6 -089 BZ:YL&44VD0!*8PMC+@A*FVDE'5@(>B M#3)2T0*ZY0D)R5_">*)?>0D8%>$EJ.B'?60J.$$/H<1O4GI/K'W?$!80*;/!?PD83P&=P=?WCYFPI M7+/J$VZA\#KDTQB?(8K*'B_'!,[AM)KQS/H>3,4?'6F!ADCI1:6V52FXVEJDU ME2G4]"64U()LT?7]@.454ZBG#K,D97L:7WX16PKM0X7=WQ9G!MO?.AV0:C)#MJ^7=_-4GG3]&+ ^XKYQR0E1Q<,!E7@ML8@^L6C$V)A,)X^: ZN#15T,D!<> MZ.AG-V.3)8» #FL4R7Y*.\B ^-F/IEFOL*]V/Z2 ^QZ^K%[S@&B\&XJ8ZR[OZ;-^1MTZ+Z\"'+7A^R[/4A2TP?LO3L0Y9F/]0^O$+=:A5-5C-Q(.WE M:H.PXQEW W&I .(2VX$L?3F0I:$#678[D.7,S(S!"@\X$(TE1MW *OA?]1]< MJUZ#&-N>] MV^91NM;N##;MZ4CZAA25HCN'.%4H[>"(7P%,+41=A%1%(UKY<82D823KB^5#Q0T-!H/AR$N0 M3%W N6\UF>,3;Q47[1A=%1)5LO(!#Z3BRCWR"=AFZV+M5R5B>'>PFI*V69@/E,UQEN%%/=H^['W^BMWS+LWOQJ*"]O?$>-A [A!A#.I.S MQ@DZ1#"-X#7=T#BFZX?@^ 3))>HT*]BTX*4Y6OI2P=$N(!@CA|[Z\E38E^' MO*A$]T@W+,.^?R<6$D[A\N3@>[#+Y.%VJ!\Q7;$(:.U9$S2X!G.O=.4!&D: MAX]96EP+6=UMDI#\8GN#RP.XA>R#C>TU!+E#^.!ZA2L+MYO>$"OGJ &*8YCB, MZ*-!4@NU")\AQ:!4'6T98%(K=-L(&D]7?Q0X\&^#@:@A!D'OV>9]QE52A!]3 M,UB:0:Q#*?40H%1/-7F7D@X)&P75Z'"%L#AW/+=CC-KH"W)?AZ4@.6M0#L<=MF^C$BT&>7OH_\U1V1$G^"]KTXLTBO0#9/O%O>WOTL3>+9@&PUG[!N|C+LO M>,F6W&YNHA7;TRN18>?_YM.XBlGW..%>6K4#;.V@V!]V8."T V@L#W$SV5]VM>N/0DN6B(B2W&Y(/)SEM\0E<1TD^GVU'>\0Q' RT=BN-F57;F+;S&%_8&>T-,/07BIRB(KFK^;DUO6!(=]1VL]C\TZ;6.W N%]WJ%/\0 M/&;[(\"Z*X\B.\65/&U%%^A"$ZZZ^BWE=V"J)>PQ#8H:.?1YM>43J9T-&VO; M<%,?A[4&KFGQ:8WF\|.LC$M0(|:CMQ(Y,F,|_0;UEAS-2Z[/IFO]1.!W;"^ MA/R1&@QX.'%O(QH/|<; ?W48GQS>F%%A3=QM5'93Y-.I-^V);F0=OIMHR:*$ MJ+4/H;|R^"G8PY/N>6\LA U(Q4O8Z>I MU|0[5_$WP;$MA1Z/D7^M24!A19M7Z/D*ZJ=2]?M]L>*R_Y8^09L"IF'VMPL8>C5P7+;/X3*B9R,%BM2H=FKL6/"@[\^[CD.ZIQ&4.&J)>7[W1:4 MA ->UY&AHLTWEF|:.AK]GH*B8RL1E-LGI[D M+&4P4S %S:8Q:;#MW\6=VRNR_=)5^9D&DZF;8-T0^N>XA+C:EBR.>P^_CKE1T-=%"?D7$ M=[.Y)M2[<$5W03>5HVMX"?(>7EX0VUE75_GI,58Q*NH>L4//:E42=(:.+Z3[M1QRF*8W(@8,C3/).Z,$+"4C$4DI^,,/5EB>$7FDY566_!),0)(#7>7-)/|) M M$*$/+#A*ZR..\M]3._4-"'=?=*5FR_9Q%)4FZI?KD@02I*P;-#4:$+/H5)MDD&9^%A\VK(=MX03YX]V'1HRE#IWJ.A72]"5;2WDMBS<.HL^2.(;=R[NYQ5^M_A/&'!S1EHN\517W'FQD2LT[,,4G 4/M$)>B)OH3C5;J1M3Z!%4%AD$"QPOG_Q1*RQHRNJ[5:[%8E$-%-E88^ALXD$# M-#"[!3JZ&SY 7+\+KB<'L:5[&(7[:%^^(X+70[>;.PX$E,/"]+P /-IH=B0 MJFCQKDOEU.I=3PAZ?&HF5]T WH#-HGJ#*XY+';8O"82?Q;7L+,G/HHHFUW!^ M<0O9;3+'W&PHQ=_M-=|&?T);I^B/[- M__/M)Y*?A;P0X^ASL#_ P)_N/OSYOU\^_,_U3^W^VOPCB^&]"K19!WU&%2]{4T$CJ1;.M,.|+4'"'&5G$W)D?7#DC >$"NH:!! +6G.]'.*M^81U(Y9@>$S<<\5] 6Z K3" M9MPT_1R;AQ*,]%5@9X N73'D.@B\+ZGQ!Z.#(;E)7V9*09++8B@DI)8-*L.Q+HN+)6%%430LQ))#+O>HG4 $=:8JV6)W"H3#SE2V$R=^1$\!(63B@&1$;663Z$(3)/N7 M71KWL7[F_$T33@@[WEPG-DH\K*X)DFU1&Z**XL:E,"*EDSLX&.28TXZV_COWY3N-'UI,H%L|_-N8Q^^I_,>5E;B-J_\GE5O/3U#-0TI%S(Z>|QRFG&3-?F3@7 MPN7E15_C1'RVQ*4>J5#OKAN%+_CT1!4OLM/X\!H<13ZJ61$G@2GB>,?74@P\W5K MJM8 8:E+6@(\(P\G:-$4Y((Y!94HT@^C/R5#YQ/K34/&%,$&H@@^P+,@68!W8.BL<>840II-_B&G OO0O5T5;./ M]M3+8=8^H8T3.>A(L08UCQF*(42,F5_ @(HE1:B B;'($'G=[I"" -2K=(#4MQM"9X,435%"; +"8AD_1.HMC&G$9//A(@A7XFX'DWYRP*.!O0.A4ZE=;#G[Q M?5/1ZHJ]9IPT XR*'5G3B.W#2&Q#AQ$)R$J*DL>VTFT0U0K$ "L*+_H.<9A MO?U-%@E.4+9&4DY=7=|K-YP2D MH"!UDOF%*J.!5U4#WC=Z7>NW&S\?]\X#'2"8"<@= ^PH .@$V<@ /G6! M=PL0,S=TM6R#/*21@*'E&'D+R5N5 L[0$/5E([$N:ZFX$AW6=[-5 6.7?M_&/8M3*^^3-RSV:,A&+@MPW=8T/>]@"O K]3H!;U1'Z4H'%U1UH$@#0[M-;^B>5;PBI)>T_R_-|%=#,V7'TY=Z2>;OM UW8SKY SH7!1*6POZ:FXJ6:DX M9HP6#UMQH4H,)3^O)=$O198<[.$5HJA=+KDTRY=?D(BF9)V):]OYC2P83)\/ M= 6)<=0%JWS>]W!,^'@W,5BJC8C"4_PG0KI"W_?7/WC5RNTHDS<'.4 M,A<-95XR.#D_DIK'0 >F//(8 [D7=Z;AO M5-5 MGN48I'/'+]:HK3S[!/\U>%33++>2WI/AZ-OG"T%(R@^=^U/NQBZ+> ;*'-M(^KKO)"M;S>%H.-W=IU?5R_F6E|

*]:KHVN/EXQ=8EH&\G]7C\XK|9GNT@!D%@ M_;. |PHR:/FE>L@7.B$)VZU%/IA7V@\"26FL?Q'.[&-D?7MU@X6V)A$>5Y75 MR=D(C?G+IQ,^3G"=U2^*|!?;_95/YIQ1WNNT.6LO5?!ZN\=>[K=W,9KOFZ**&Y@E/P=RE$N2%0PQ3,] P*4X.RE6\AOR>V&Y-_/ M)HP;6DMF\.", %90E#CNY^@!)'A62RW %!5--BY00,5%:A-WK,D97L:YO(^ M/N>MB1 "?1AQN=]XB)QL\N.VN:EM04!IZ7F$Y ?7#>:!M^ M12#(,PS9H%%R(0S8D##AV87L4,V!^$C))MMMPMV.KIW;5)!]3F(-T-.5=-[JRF,K6\X@8NM9%1-XZ'.L]%:'-@%)!;IZ.C(GAC4/B/%_'" =;2H2ZZ(%(?) M,35Y2)KW2%%S MI*K<5/*U*49T3>(L5N"Z,-OY49XJ2T,GI3&%O? M_$2*NI)1-:T[4I2:=4J1XBAHUXP4O<(=.5+4?6]KD:*&9#2H=T6*$N2SCQ2] M(WMB4&-$BK]'4-+N*0K_CTL,G]JH1#=AFI1=^!H[+9?1 ^HY&P2XIO@LPD(^ AM03L6+EIM(Q$]Q1G_MZE"P$D%>=<='LLQ#&H01.$6.]HRKL/@L6!U8%N9U8=+@;QX1RC_'-,UB_L= MW#>&TQ&-R\($+A!/'#@Z(9XA(;!I?&RXE0;(?BI3]"\,,,DB'5WY>%!9)R6<MEA3$M3JDY05.4++)2Y5ZQ+BC"RTF4P3',=`F.[J&FI?14418!7RKFA#U)"(W"\-M""781WA1 *X:,"ONHM,*#YZ6XL;0,XOAEP^(?0;Q6`:,1&EM4R^X?ZU0%MH|\U-M8E%A'3'J8K##U-OP.?D@4A\UFU;=>NO<E>2ZZ%(?) M,35Y2)KW2%%S MI*K<5/*U*49T3>(L5N"Z,-OY49XJ2T,GI3&%O? M_$2*NI)1-:T[4I2:=4J1XBAHUXP4O<(=.5+4?6]KD:*&9#2H=T6*$N2SCQ2] M(WMB4&-$BK]'4-+N*0K_CTL,G]JH1#=AFI1=^!H[+9?1 ^HY&P2XIO@LPD(^ AM03L6+EIM(Q$]Q1G_MZE"P$D%>=<='L L

*{#%!T1DX+A>,MP3T9"1HO'EI"DT)ZKBAJW*FHB-MQ=RIB$9DW[4AVI4PE454Q6#C,K&A*0^0/I6(*@]EIRYAQ=['937%"@.$YA0O*

M#4U!lU+A5T2(IYDZ9-.+SOF1.LQ^99J=4J+9CY52+VWFN:KH2T,ZV%O?1I=\& M&)^_0=]Z8LAQ1OX:-_>|&^[$%DZW>7<#3;FYYXIH*.\5_53OJE-3*U<$EKf'

*M=K?:QF__A9.L_)4@K=I%P-4SL_DFRD}_UZP-[_391/?O_MRN=UD(#^07)'KI-MRBK.KI"H'9SVJFX#(OJC*3*PD@0;BRA9"Z4V2G+)-MHJU-:/S/S6E;$8?*

O/G8!DB|SWOQ(5+H^PFVJ)SO(V2#'3R;<+ MX=&T.1:>.CDS;BSEU:M5G1&L63@}^3#{8U$6C#,W8%8EP#*'9#%V#.2A]CUM9-ME-19^]-]7K?FI,E38&]D%*X[>'#':QF0F6SC'8*]-*

&O+|+4T"5#M\PUEIO> M8W7I&45T^Y3P4WY,;!L3):<;=8]2"SVL4;3RE;W=&Q'W09IX:5B$vGAFE.Y MUQY"]&\'0!B49!NK7)RL5G4&=)3*2Z,#Z\F>HCMFU!DZ3%86;(4%W M5L)-*

G9]P/V;-UW""$4,G/-\IRW#H MS>BMQ]L>G9;VSLN_I=-FO[LML+XC@ ^F /B&@^#U^=$E!Q:DDR+"68ZV24E4 ML\L6O\K:VI#C:E0CIC5:=N6'55HZ?%)!/]C81

*SC5Q:KW=6EBU6Z"3)FMA/ MX(5AINI!0.<3C@GJNW(L*JD36*\EKP%+!Y?=z:F?+AW6'N"\AZ0@*[<;2T#> M+IRV6A5E,)SNX=;Y;T$G8 '>K2G=IHZ/3_;,;DW"*

*(GLH'%%=Y0A>4DI:YZ<3_X> M+3>H;.KOEV(S &HR- B2]FZS9SL:,W")BFL M:\C&I*NR[70'LROU#8B)2R"I=1]B8GO-6I'6JM50)L :S:Q'+)F#J.5\K'$ MV@(81RZY?0UGNZR/D.5@7?*

K3G@DJ7\"(!R^7\? MC|\%$7U_Z%+OZ0OX0 ,.TU^*P\BUGN=D6"6E]:DD<5]_Y+A:KVCP, M[3,4BX8.JO>H_YZQ!R[/N%"5.S_G6*9*3\1%7O;$2_ZU%RWY1V|;18A=4?U= M-7D(.Z

*VRNUYI-M%K3YX12B,A3=3$6GU*D*.]!ISR:SF!8-YT@U'MQRHNR MEH>HYZH"FUW% 00%FG9U$L=Y10@E[*5IPY/+.]81+=(#5AC_G15!N_"Q/0# MW^-*

QX!D7I3;=PP%KX_)@"#B<6$\ D_-/<7?4! "I"3E:25>)W.UYVKOT-$(. MU$!LC\N,\8B==N9O !YWX!2Q0=Y=\Q.#E7@!L259;BY4681!77X6QPXH\C|GS<&>IA?= 5]RVJJJB7V1*

M5;ROL!M-CG;M!O"_LAP(^PJ;?;U4B%M0BI(K",&[3K$P,Z"C# Q>;=`52?9 M;G/R+M1<MT:(PS[VO_J&$+25G,1;>NN5M>!1L.:9V;=+6Q-_YSUB_UQ]W#P.] M]VK;(WS;6.XLML7E$?*

*T4L$:R3(.9 M>]DE^\W4BS-;PE$*O)1$AV9E2$USUW$2BZ!ZB]S+"@/ M50_&D4R+N%CTTVWT-PL-*

B#^X5^6:Y<^)ZAUV+]^4IA&_%,C^PA]E+U9I*;7%OM==P]^!|%>'/HH*^MT],-_U;.MS[%[IVX1XM9R\[:YNNV[3:YZ>P]5TU0*,@W4P-\[VA]#C,6R7WUR>!YZ?//)*

MHC3WIZ[ZJPH?TWHGHA9G"^MR6A#C#'>9,F_"2LH3W###G_P0=Z9^)B? UOLY MJ!]1\XI"?#4CK=,=9$1<5D-S])K0ERPA\JR?!XG+Y%46+9\)._#5-F7L!S4O

MYY#XTA57,1TII]M> ^]RE986>#A"(%K.@3A(4QN6&$*@?`M-/-X"ND:ID)W%N-MP64AJP_PN$;_6!(E[12M<8[V9)(_BC)Z<%W\Y0 N+Z5_39&V2LM;+*

[7IKB^8S^9Z9$|C>6G>9(F^Z-'P#F3-JKI49(&JG"4VUA0FMJM MTV_<2?<#'U-KJY?A+KM$9XB%<4-6"4LX^FPB'DU55NPRS!!\I_C(/O<* M%\59E.?OQ/NB>SW^X;I&TTY?*

*E9IZKZ3Z@E#33*5^;&8G.=)))(HDS0G12JNDC ML-E8%Z7-@M%#-0'HZ;"TCU;__A2@_NU6 /I^89=H0AANO?/B'[?I9<,Q<''7 M1319W]41>;^UMH2DN7":N*#Z<73N+[XDM8^#*

*M=HKM.8%80/MPU$)/)$;!5D!GK0K^-<1T]^[YX3N4 MUR=;[HYPQI1PSF]D8.V@\\$<1_Q&=)U&11VY/T_2BEZF ;[=+!,XWQJ6)R9 M">F08UNR&5H*7K^CN)Y:?*

\ZN6=M\\2\KDQ5E+WE%^T85[I477L+C-BF;')1L16O"$"91 MVO9%8P%1TL0*K;:[$H"Cl.XKRSU%)E?>]+M4VU0328C7/$]3)JXG)DL/17!=H4W-%E*)/6K-VF2$NC+RV?/-/.MN,I.XKC:*

*M5G5&75,*F9C]'#VCK"#6G$;=VQ25]HUAOM/RX7Q;&SHIQ3>HK*.V_*+B)ECV MI<;UL#A_VQE"-G#;8H2-]<:.S#C:7Y-&-*

%EH4[^=5C&M:7G"R$G+Z,DHXXUK@K[+8KV2]&=6NBVLJ+|=TX M7) 1S+,HJ:9U@8I[%/D ME>K;9[1]0OG4Y1&'!7T:#IC#'09PE#"8R_%^0=P!70[YB,-,Q([FXH*.M*

*M>2S,81"NY<-A,"/4CC[H.TF1.VRX8#*795H=6E]H \$C4Z-(I++`KW'O>D M$56H1Y^'}V L#W NBPMH8!BYVDH08_#&.TZ'&-J0BL92[7OL[=Z7>@IR1(P-T M^OX)X4T>O3PG\4F.*

*(G$(2Z]Q5QI5L;'G"FHD"Q7=5.TH7++IQM6X.;,; =HE+&Q M1(;&0M11_82"!6H@>O51Y_$S?B\BIZ[!U:!\>\UK6[W7-J9N*1GK: M.C-%G5G\C>?*DTQ@>BP;5[W*>$<:PKA>O,*

*(AJN.9;09DP \!16"M>QQ(ATEMR/[!?C1D^O|._ND/ M?@_9A&2%(:-MG=<64ANR+P^C(=O_T/)/?_![R"8D*PP9;>M/(1W)\GQ1Y?B%*

MG5O$^M3=V1Q\\GLH!6PH#.H0BZ4"L"Y$)O4<,=P7&\F/A[K>,O)1AIO;H;T/ MP7_7?BACU1YKT?-[&UT99'6I2X.SJ@=!BWN;8WW"J$T?;!%_WDR2D M?7[,===""T39?(O6(""#=;.A

.5AL:>7($OTO% 0@(%)CM%!'Q! G+UVV7T%^ M7M4$';,E'T1KBPYY(A6RX \|:903E-WHHVZ'9S]&'5D449>55 M[E |"_DE-@-W1)?XIS>4F;E2RFT:)D%M7"2U)YD

M$?'OHO0JV-0U<\Y3O.C)%!=BCH/R@5CCWF4%>OF[L<#RE_)K,DVMVL&C<4C M(:-@?V*F5LV!>I>5;!.U"IE_>>AR6 D+GS!9B3-*$_-$'_2[RW$0PCK,0YY!

M&;"...;9R/8H:O(OA)2$&V:7634\ZU0?75]ATU(G!EJE(=SA4EEU,73-&HX" MH(OZ+A$/M?\3:V'#723D-5[A8M_5?H!1<)1T)BH)9W'I O(0Z]<<5 !H4!$:6N

*MJ37B=1EXZ!M@;,;!$Y\Y,*K0P.V>$6)1!/;#K,'@%4-Ko&19A=YZ6\,J,3S M7AK7G&0@K;,3RL*0MD[J-W)VUWL?LOG6YR7]-6L,UR4]75N7N#-#N8.F>* MS0>!CN;D*JA8:*,S*

#.ZZG=RO08^!2XC%*F3^&% MON^K=W_*<5'0)_BBE#+_B>R:3!$;TP?"WM0F@1L.V.R XOP TT5+O$O/(2B1 M0?HKKS30OBVY0Q03I^&<<&N^\R'-*

=)%YOYM2(2{U|GK\TH^5JS_Y0 M&&#'EMU,ZL&.FQWB':78UY]-A^?]KDP*/*MM2X2#I;-%X11\)1(E'"DC, MAXGXF(0AM0 BAU:OON_X$"(,FJP3D[*4-P,]%2\(+3A:CS*22GL?$*

*M=M YU'?TKG]>OM^EI':VHM':%RJ &U0>|_06"2ASAT#!*A2LV22,+&OF0A9< MFD[?:=H$X[Q;H<7N|A*@A5?,4[*826X*+63,]ULX,;,NB-TGFH#6OC\$H7?*

$BQG@C&UIFD'=8'V+",@DRN^1R1@$) 60HV@5G5TNGA.B##+9>5GF6E/1-YFQUE;S1O[%-EQRPR]<6 M (;B1F!FM.1(A#WQB-W"%P.KSDIJ/ &LHC1

MM=MD4RY=W!)'0'@9WVZCQ5RROA1H7:77R7H<%9H(6.]W*_G1&[ZHX]\\:] MT;#\#]"3P&JZ*-@-D=A!1W/ROH12GZ>81B!+1+))GV$W>GT(1_FP4V?-4SB5*

MHVAX%P=]/MV^'GJ/8DR@CG4A9^;P/"FBS2:G.99)_>!V(WYFI14:-%B10BZ MU":;S-5%9>W>7-3GW.1S 79>TD.D(5YV-<;0.PZ%*%'X(3+>396'*

*[XD0\,)=>DD3:&,S>Q"=B8VZRE7@8Y_"_3#3@,HW*NRA# M*;$$Y(=WSNF8&*H[&N-!^3W\,.8411^+4#^X87[*!3!&&[:F*(<8&V]61ZV M<(-LH*49@Y:[4>*O*

'%/FB,$P83ACT=3QZ.IX]'4)6G]>#3U$8^FH*LF[#A* MME2&?@3%X6)2;Q1'"WCA23FXFV)EXV 4MQ*Z#'!7;(P/Z*3@',[JWK\FY?-9 M591XB_*3HD T[GB=1$_TL9IW#M-

*;;;NR=&IMW=3B>TG*YC)S1RV|37BU?8F2 MO(_XV>|ED=AS;Y"'ZB-N^>)?6L,,l80Q*ORETG53A@K4L;-PB7E$.DWQMRB+*

MZ:V_LJ;6/!3$]*'FEZ\W7/"G1[7HI\N9*NU]J+7:NV#D]ES01DJ+S* MG0?LB\K72VRVP(SK.O+ZJZV&6C\>O2Q[&L6_I7ASN[ZE-/%.IR10NSJ@'"A[*

*MY';";7]X>'M!M&SC8[*MJR@_D,$]Z$MY9'CN4)[@U7AUU6S>+;,3*S9W-#]F(-M86-A#.<'H]ZDM8I"D-;Z^3]!'X* EL1 M899<9>WC8IQ#GF9O7=9'#5^C/(\R[HY4 C4\!9]"67W-*

*DJCE[;KK8TPGY_/^ M7#/QN'^VN1//&+ MJZ:"6DV*IDI:'?/3C_GIBV^R@LI//^8U^U!/ &;\-"KN"|&SLYW]O_EPAK." MK'DK>L&R8XCU]++(8;;)_AR@%SR0_S\K*

*<4,"3_>O#=SL/C885;NZ8)EL,U!VC MU99G97G"TG#%C(A-NM)YNFVV)9RHOGY.4. MY3'5[Z/6@]%?L*UT%"+P)4[*.RMZDA M!0.LQ09>"=.6,M?:"%*.WH*

*Cl$)Z>A78)#T$&N6>WB5R'fGN$7.#RK,JITHB MCF&#F@RCV9(F3B[RJ2BK'!:M:9-RS@+F\CP$=CW/8>.'%,EF3G1A5_65.TD7 MX5X4_9(!)6F*5GO..+HE!VPE+ (,1]?*

W.KIDPB|LPL5"UTZYI@NG;9%X[# M4T(3F6C:.;4>@WZM?2 2!8=*P9$(2?/@'-M:4/L=Z+^=?N(R2]]=>L^WY3/*

*M.X|IY7"?>1W-7J)?)DE67;)FM:NH:LL1.M$;+W:4YA99>U;+A&@'"%%K*Z-5Z8 M YW!%=9S !H'A6Z/Y188!B)SWLH#;;B'6&8\RU8Y8*P;J1.G ["=;=_C=(* MG:SH???H3>9?*

*PX!W)PQBX-!T2XEY(R63|:0??9WKMGS-'N'K']VK;-5$,XDS M@PC|:%H&'P0|-$Q\Z-#42(U|&\:*WY6!B^S8;/48_YP4,4K3*$.XXH2=@-"M MS*70H:F<&OM&*B?MJE6Y/JJ"*

*[>XTDGU3*I.AZ!-\RK06&?^9&,G;^7|"43H MB=*K[!459?-6TML9(2FAH0AJ.&5^E#Z"5L0Z"$+3,V,A&>FA3N^MGO[9CFU; M.N9$6&-QBS+&C@S"! 1@YK,#V<*

*()>FJN,,55$";06$%& M0,$HB(@Y4)0@!K[*'DP_C97!;6$ 5107?<'#GS_DG^09X[4H6]WE6 M. L9_T6+IB_CK(5\T;F]$+/+2O^#'?P_,;T8 "Y@91S"D6.F*U,<6Y ,FM"(" M3;*

(-8;'[Z|7V)<>OB#++?MU5J4WW!@&L32A:I"_"+04#=A3NF?CGB(Q&AO)! M$2?.&X52R*ZRAP@R%16#LZNE6$+TS@Z]S1)27=@6:KR^2-_HWSV+D4L#M&($@"&HD9@9K6T2(1=

*M_S#;M4VB)0 *O*H?-:GCF1O"%EN7(*"|DBU\T%#T28%A+8T2X|<_['9]M59E MTXUUMJE :>^!:Y^GD'<3[F5]Y8"/2/+(X(U7%2RX;\/47UD&>KDRW.R^3?!>|<*

M&8P4TC;,.35&2V@+#4_*9Y&DR'>R1U'6\^;ZKDAF"DN5PN(4G.X{M#V+>>X? MH^O$^K@)OSY(?NKH220N=(} \K_NE!12Z2S<6Y&724,K#10!P/MD\US>KK\4

*MJ'EE>TV(ZUG#OM7C>*V6L'41-U-LG@GT%*UQCCA4PR4)0B,7H02-,Y-@2X>P M-2$.K8S1DN"+=U9CP1SP/*7Y,8%0\X'<0D1]$(CE-N!=?N MV-((5S"BM"%"&Z)S^!2##;7!=H0W-*

!]&I#7GREHDA7OVJ6;Z,5H,'<-OV'^X M);>M'E'SSDIG.&^GM0[MW7/SXC7Q&4%[-M\$V6M3=D_=|/8F[L>X[?KQC]-HO2|_-+D3')<,*LX MNP(I=G >'P]=^/'0XW-VQ^?L9G?*

=# DY.Z-!/_!\|C_LD9Y^Z8:W_\7W,>5R MH320?2Q0!%FY@/AMSER?T/?%3E%U0A;&>]V!"GJ:-^%!1M[KE!&LE#1:=6. MPKWDQ.;T!I=&Z@EH+]108?L@E10N$7.!%79E^0*58_$?*

GW,U#NZ$\YRK!XD& MDNW'Y(GTUDKRGD[O_;XHB4Q3SOC2)Y-M?N?G,V MPUCBQ&+2AU.GAZ"^93UL&[IF4X&+%(^AE ZTSQH%*Y -&PQSZ!H&|\>P@/. M8TU.'81>ZP1:Z*-*

*>'Q_/GF?0CHG'Q_/7K3.!\XVCRC?GJ,G>I!U%KTD-#^* M)OKJ]?P ,!.:\6ORK;AZT$_T5R_AQ HX=OZFH4W*IGL:*

*M%%=E\IHF^XZQ\+G;3IN/Z<_1^&;7I*4KQM|=O1#KOI82ZQ/E=5=Z2_^3Q,^7X MI>;V$9^BBS<"DA3J8\U6*1?NM1W5Q7H-8%JX&0'5>;48E;Z]>-0Q?EH5Q'LK MBO/HO2"O-*

*#*0U%*SXI.4A3E!;.I!%V\])_3!\E)?O MG+EG$_5H@ME!= FLD6&NE/%##BGA/MS5=E1GLA17.=E?GL3$B*CN5*2MA6Z[MH!+4_ NIH.T7E-X2R7Z\N:*I4XT"_H#RBNM$]*

*[76;7T!]+3MA%*MX)*B/US)#(MM8F[9S(4*,2F<*GC(!#4]9KCY[_S<84/(]2>V-D "WK3KR_G.A0)#8SQIY*^_MR*_[6=7W6[.*];-_OP.C16BAEG9$F(.)2G[+,KS*

M=UK>HLK(@MB@^OWX(C#S)X ZQ. M=$SC_2!IO);/D8XIDA]FHW9,D3PF[71=]<=]N%]I-BN]G8I2U-P KU-T6GB= M5--EO6'?E<05O&_^N99C,UD6+&8<4CP3:/[NC[ML-*

*L@K5+###PPW.8H%*33\/-MM*K_^1 5B\O^[+K5[SG(S-2&#;92,57L!5H:,69I5[.0@F)>\;8QOP?H$LT M9 *ULG<5+ =O+[F%W6IQV3C]=4I1V#@=>]5XSVSX$6HS5. M>S$/REC*D-*

$B)/"\L? S:@(L4'C,J DYH^8DCO,>9(M,R6FW59QXN)@^&[- ME\,[<%TNMB\!?D?H'M55PZ6[?C!\RS8 WIGU@ \A5F=\:!.D?='Y#N@BW,2% M5@)-*

KOAC|,93,"G<<#ZQX,)0"BC&HHD0!WR P!9S>#7I'P^JXJ2L)9W8GAG MZY)*DWW'%J!)&:]FP;Z&LL%Z";3V3;LMGE#\^1QG,DBDU[)LV M8,,P-*

%%;%+K&#]B7LZN0C'2.ED%N67/AD@EM-5Q Y;T"4C%E(>@OKO.I*/B MLRK7[M=7>'{(6)88>*Q(,-2GU #.LK#0 ^]?NC;N'.(+++YX[#Q7YPI9+% (Z&=IR'<:X82**:MO)*

*[C6F&_^NWGJ*SRNM[7 MWU&4WV8\QT*I39=9"VOCNC1S0QIU6>_12_1>I^S09TB3+$Y>H00JNR%NX^_W ME',%3*6BT:<#%%9D2+F?V0DTI\%VA#8T-B)1Q$6@-$@YJ>9Q:*

{^88R>>\R/!? M]!-,@FSB_I>:RG,$.BK<4-DH/48X9\YM?DIM-P M4^J4.,[$U3A48H1#5Y,,'(>HR 5IS[`39_A9NBLYR\&EOD/@YM-:YQ"*0. M3Z45OQK7?*

*89Y|_IX^I.94F?_J2FA8#7GW22_1Q?NX?6Q(.'YYQ7M*_G^'M M$]F$KY]+FSXX)+Q1+UP):12 !FGOKZI[T$!FN#CO;W1)&O?0"BNQL(.KK^9 MOFM63,JJ^)R!!<@\;A@"^]PY8*

*;!6B/"&*X//>3J,D?_JE 6OQ,G"^4)7B5Q-MRZA0?^3-F-HD:A:.;H&9U]0T$?X@G=XA>\RCE.AQR8*9Z38'#42H) MHYJJ-.4:[F-!2MD'4XEKIR!<'T+]#$D*X$1^\N(7;*

*(Q3\85=N8+RTD^#0,%;D'JP$C^GA MQ_1P-0=+\O#2J3W^Z(D,E<>Q1<^F08.DQ:AGY,LV59;)JG_M;RVQHV ..9@M+G%A, ^G"'']!#0B3%J&*X9F4X&+%(^AE Z(SMH%*Y)';59SQ*

MYK37.,CG3FKGHZM\4$4I/9YA&%@96)7B9Y4=8I[^:*"R>R(@+:.1578 M0)Z/,X@WE0'G(726A, .;>9RF^%N2;6Z23#CX,KAN_/EP0'D$,E+:>#C=)9; M(%0$M#II?WQ.\O+]

*(7F3JH,4>J 4 N@@5 /*K,J""##/4=+2L7S'7C_8L9$+ MMMLL3B% >[!8/Z/Z"=@Q\7/IVRYOBNR*)OWP"2\Y8G\"L0KZU.=H5\Y< M<'0\@6&<'O=@?-85"%M@_> @"S*L-*

$K]5,U3GDIQ'Q[W'6_81/T5V4K%1T"X &HG9"-,%)\PX=I15V)]OKP_<5F51 M1MDJR39G>+M-RI+L,Z.4FN]+G)_EN"C.T3JTO(NQZ)020S4DP##%T=7AT, M/JNCN4C

FJC5U1RO%/B<40|[^A<2F_E 4O/XP0+YM#;N1%RS*$/(M^$*LT3]17%[C*#LFTA\3Z8^:]#Q^G";2]V8!%X2\^[VED?=DP6/G1(KXP>> M$*A&0.YG"\)'1\BX?*

*X*0/1/(1'@.2QX#D.2 9F.F&4C%9N@#C(O_>!C MY #%T0J3"[1%&BG7B%)>(^4>12&P7))XKA"O#$0U.ACP8-#\&S8!!839^(>%<04H-5HZC)C MZ{M6GI K3Q9.-*

*D1=CW>X0%W./YC_/T8?S_&WX_QIT,.OX\TDFOOQ>Y-#X#M MW=0 GDQ7P!UT!D..M\L,3,Z*0],A""49B< MWT>0\7(6B\<#P0,X$ RKR%P3X+U=TZU!GL1DJJ305Y M-*

*!7\LZ'3_>'Q;.IX-'4\FO+U:.HJ(!:(K)*TCAI9&FO&CZ=2=KGJRYC#DPBD MY8@-XIH? 1\"^AT:"Z&DL9"#H8U@(:(68H@@R,!P[:5T:5I?4;)YII[R*\JC*

M#>K8NR?.\BWYZ3'9CLJ8=9MW;ZT]_-=6F0PE 5,X]4X.>:D'6%+H6L]&93-F MO/2?UC^HJRK'9TX?6QO>GHBLV8(NI*0D<3%?H\O2G>YGB:U(^GU5%B;=[H?!U*

*M4;%5*W]PJT#T4$*.EH([BG42HP_R^.3V!=&+;-EF^-(*5Z/ \)U?*H7W 3 M]%!E]_R])PB^I@'!^QL@(7@H>]:&MY;.;2;MHM>Q/8=FR$?-BU0(KU0&HTZR*

*M)%;A/VL8*DRKS+@,'=VC5Y15B# =;38YVM1H:89%\[.I0%)+P251!):GRXDF M*;,:7>@&MG*2]L$>&N8M* !H=Y F\'7!YV.R)>[[?HQC[*"S*;]2>,5[?Y M \[?*

*DQ@Q+DHM&BY!K7PD'GFO2JE-C !&-RX,A=!2Q*QG=V1\O.VEA2N8Y4/ MYVQ!4QK&=VN*2!NJ<KF@!]D">)YIN:6G&\0+W=*24@>?+C%6$*,0%,]TD*U[*$*

*MAS-EJ4#Q@*QO\^F-,DX7S|X;K|A|IMH?_O'X=;R ?1TO4E|=3E"Y/#&#Y.'D MX^*H9]Y77XYXU<;M[&9\4G8S$@+|P>]QFY"L,&ZTK?-S4+4A^^_[T9#M?VCY*

MIS_X/603DA6&C+;UX|A0;=R^/(SS<1Y&0]_^#UN$Y(5QHVV]>=P3K)07U0Y M?F%OS5B?6FD,/_D]E (V% 9UB,7RC2*CY|!I3)PY?HPO_7.&,$:/SX3"X V0

*MZ)\U>5'#1KX)P'"W>B1#'NHZ$Y]AO#WL]"=E]HN5H#5N:1<G73_N"WB%M^B^8FU4IW) ,!P]N1\3Z#=Y7:LKR>,.]*0OF(B # MZUt=8H/9H_C_))OGBVP%)!P(W=(OA79ZC47(*

%;E=7ISA=6(&A@I7F<[>8Z M?":3I"AS%&V!6@)OT H/TL!K75'F&*XN$-3Z"Y,7WI/IDH%H!<:&LKRDPJF'.PQ4%R,."*BPC'RLR.E1C M3IO>:L+%ZILJ[\T93#W\)).E)$@E4647K"<*

*O}!A%=&1JG 1.7!I.R[FRZ:*5QP&!BWF MV&T>KR3)^.(M3JM5DFUH/3OR/WK'>20$ PRP1&V!##M!TZ92!M;+C M@_G"&S,%1PXHX,_EQ=HZ!;%]H*;QO?DYFP*P?@(G$\S99 ;,# ;S-*

*YS9?-2[MY$XFRB"G>5OT3J;34MN6P/C0N M2CWR:MON>PK2N1:6ZP7HV 064D#Y4+2,Q_P,:M;K*MQXG\IH0SE15*S^5-*

*MCWH/6O/|F0;]KC*ACO%66YVVG3U0:^N=*6R5YG[WUH.*;>0VAAA+1F-WUE-+ M V364R:>D3E5H4%]3AE|SS&Y?36R!C-:P\BJ]1;D#^[E^P[E:YQOZ=[T]BE-_M&JF(,S1*

38;I&9(F]BZ.M$G-5]DK3F)$7_|:|<`'&-X '@"YSK*"21P#N&,F M5@G1|U+%!V@_D/'1T'MUFP/K)-Q09E@9F0$^>)B1N5Q&9OWH1G&5U5.UYBO;*

*M//:'5@G&'YTH*F=0X*6E5[#$'!0Q=:\B4G>R^U#Q3 M>4WSSV/=,:!XI^CR69X.-T#P;O4H75I;$F"E+WKPY6F'2!K'(6%-G M2XN,I>(O"__I=\Q-*

M96Z.@VFIHY^5UG_7+MA4VP0S5V0]BBRV{TOX|^*AN M/TS[89H=OHC4>@72=H4OJ+/."N?Q\523-'L-$47 MC6>ANN$W4UB47RX[X>:.B7;)44]8-2.'7Q%A/0DRW] MEXJZRG!*

*=)>/X[4&2BK&;6:3T&KXG]64|%?&A7/;.V/%M;G0.5AY;*5=%> MEBE?V60IHW}}@%/_B&.06Q;=IRCACK<6A2LHS_0N8)Z0\'AMD]G"LS$#4/A9 M@FYST=&_GV<'&AK .\O6/3& D|*

]YI[IG,#'>2T_'5!L!=19]Z+]R.Q7E=!S?GU$]I5']&134-)8?@HHR(J2]S104U'$<=#[]-ME 8^[:NG:73>4#LY(7H9Y:+0O%9;H/;Y$HJ?1P7A 7B[>G@P87<9HXJ:]BK<

MJZ>/"Z!@R%7h)DF_ $+!66Y$^>A@RMZB<6H%R'YIZF.'QCW!1%/AYE8LDX'X M^\H\/ANB9631N6![A>6L?@'G4V@"X-7!,J4^_ ;BL,&Q9'1?T.*_!$63IBX=G MG)?*

T<2#>P;!6FFQ /P<>"DK@(%GX0BRO,.O49[0I8@WIMSOK:P8W_T<=1DC M@$%GH B^,,,5V181SLN+MQ>4%:(H"P>2L8^80/J$7#F +HA1!9\"8)1,7.R M@<[+Y-^U/ 0:

V@E+U<_;.6_)L&95M0J{6++U>F\V(3?&;97I/1/N@GRXZ7 MX6$'8">O1$Z;1C;412O.V_C??52BNJY"W?4-+O^.RC.\)9OS&^UX+Y!90=:] M3F:(S/V6\"NB5HC0U'!RC[91DG4?*

"4L_"3>,\,:,[22DN;M'+'8T9;(65G33Z2$G""WP$(V^T[0WE,)*7FX4 MC;I>8X:O_T$,NI&\;&NY*C'!ASB43;E>8[EZ'ZH9-Y+7@NHM,N&V8C->(-)RM M;EJDY>H,.W-*

808FS@3R+BF="]PW.Z-JZ+X?:HY2F?3QBX:97MWDK,_7F[KWE MHA,Z!./@9B>[QI(V;S2'K^)1\OA>#BC5+N:>JK[:H+<>+"YRU+MQDDMTG>_M2'!*

(P6H4I.H2<1<%:'=!GDZVF?N+D^R.'F)4HZQ \$R%)$!&[S^R?BWJW:, MWH+&Z?2K(;0ZNKI.(M?HZR#;K$:.PL@@5,[4@980I2C^W)SES+C6@Y MQ)V-H6\MV\NHH[<9

5SZ6/'AF8S $^%G1)-9E-%6AQNOP-)'N"%-<5#FZ7?=) M;I5/SW*+/=&=M>=LP^P@:O7'%)E3G+]X&:VJE%|<4W8Z'NB3/*.(=E#Y4E,#,M#B>/;?]/M$OI?

MU17"=,X;&\,9NCZK$F"83(8NP!P4U8X;FY(@XS,7V<4OR-4GLX45\ MH-%;I^2YMK'187M66G&'6MS)8[.R/)I2MNMSV&&W0;H:5UF,MVCWNN,U M[83*8;JC*

*D"Y(A="">L0D<]L$@A4SZG(C0^,B1+FC%!7,%9G[O3L+GWYW9BM@-M0X'E3 UM@!!M'9.<07&2'UG>G+.[,FL2YKO910+MY07%%OX':]3F*4LT-O0J*

*N^L8!V@W%N(&:>7<"VYV I@TUDDD7BW4'IW$]#9UDZ(;9QD63TfT_28$2-MDWI/664LD9/?N^W%_O=%263OCJ9^2+I2RC?!\A'XF^15MM662ROS6$COZYFQ^*

*MLL2)Q:0/9U8/ 9T;HX;^A))DXQB|\<>1];T;Q^$Wf|910+IX'(<-+6\EA;, M>)7G&Q&&+I5>]#HN"*CB4"7785[7099 $LJ IX$KI,,79'!^GCYMH<0FO$& M0.A6LGV%>L1-?OLGC%?*

*TWN@#RE_)HH;7WVN&9")!-21!Z>--14UB.Z>+DZ|\ MQGGR|WVBN*EZRO";;BL?OP>1.5K*!TD&,90V+W5'A5Y0RH@ZG?IXG$O.OI/5 M*]%-HG3N>2COR=:,%/7!D>*

2|F:4BBET<,W!,W3D[@*?Q3DBF*\3|(,*)FG>9P4=*N_OP4PWK%:QSO.LS?'& -|\ MES%NZMJ:,1?HUZ?VW.6O_,K*NBM_#N4)W@UKJ X!V13IYZ).N#I-:.,G;OM M3!+UGV$,*

*<9)=_*M*RO>KC$BSJ@5^6SZC_/$YREJKL]_2|&_ORX.)3|@PG;JF M5!S6P-*

*_@C&P_B*MWC|/T$N>TT6+C+>[\JF%F=WZ@H|OL.)SFYMQMT=KL]28'JZQ&;/MS[T%+PS,K_5H+&Y@V-W.;F#&W1X-S%)C M>K@&9LRVQH'3+XV!R="&'A{FAMOS|-*

*&T?/1X"PXLH=KO6P#KZ>D|W%993DOT9IA9P>B^3M0MYS#KD;= -M1U4@#|7&0U4YR(71;'XOLV"]*LOB_IZ*!9;7@*8WR+9B,F,XW_3&?FG0MG&-P M-*2>&5(SM?G*

*UE19<.&^MK'46:X_QE23KH7S*8[&U#-C;J8V'B8*@O.G_)^-M7MC1]GR:ANK\,:(Z1"V5(P(DZF@^'>27Z"C,|[:=:E+3O_)^N%YHT,%0%ZDN M1\OIF>4T4}313FP|L(94%=TPR"B#)*

MR" MXR-E(:F)Z7C/41#1>\1EE+H.X[.)6#AF/R;B:.H<#_P'L&AB:0092@>5 MJ]M9\EI,1:78 :!>P%X(Z.TQYDH_UTV2LWUZ2O :FEV]SB;=_Y&$'-MKSM[

*U$8/\,1W9"0,W.&MBAX@-616@%>3N511EEJR3;S%=# -,2)Z9FAD/ M1\5NZ3<9^QMC4$QA-YCRFCA9P-&PY*P+-3%RK_A\?-B;]\QK9JR7%A|VES> M@Z7)S.SA.)T-*

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  NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES
    Nature of Business and Basis of Presentation
     Description of Business

  Photronics, Inc. ("Photronics", "the Company", "we", "our", or "us") is one of the world's leading manufacturers of photomasks, which are high-precision photographic quartz or glass plates containing microscopic images of electronic circuits. Photomasks are a key element in the manufacture of ICs and FPDs, and are used as masters to transfer circuit patterns onto semiconductor wafers and FPD substrates during the fabrication of integrated circuits, a variety of FPDs and, to a lesser extent, other types of electrical and optical components. The Company currently has eleven manufacturing facilities, located in Taiwan (3), China (2), Korea (1), the United States (3), and Europe (2).

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> The Company operates as a single operating segment as a manufacturer of photomasks, which are high precision quartz or glass plates containing microscopic images of electronic circuits for use in the fabrication of IC's and FPDs. In accordance with ASC 280 - "Segment Reporting", the Company's chief operating decision maker has been identified as the Chief Executive Officer, who reviews operating results to make decisions about allocating resources and assessing performance for the entire Company. Existing guidance, which is based on a management approach to segment reporting, establishes requirements to report selected segment information quarterly and to report annually entity-wide disclosures about products and services, major customers, and the countries in which the entity holds material assets and reports revenue. All material operating units qualify for aggregation under "Segment Reporting" due to their similar customer base and similarities in: economic characteristics; nature of products and services; and procurement, manufacturing and distribution processes. Since the Company operates in one segment, all financial information required by "Segment Reporting" can be found in the accompanying notes to consolidated financial statements.

    Basis of Presentation

 The consolidated financial statements are prepared in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"). The accounting policies used to prepare these financial statements are the same as those used to prepare the consolidated financial statements in prior years, except as described in these notes or for the adoption of new standards as outlined below.

     Principles of Consolidation

 The accompanying consolidated financial statements include the accounts of Photronics, Inc., its wholly owned subsidiaries, in which Photronics is considered the primary beneficiary, and the majority-owned subsidiaries which it controls.

 All intercompany balances and transactions have been eliminated in consolidation.

 Noncontrolling interests in subsidiaries related to Photronics ownership interests of less than 100% are reported as Noncontrolling interests in the consolidated balance sheets. The results of noncontrolling ownership interests held by Photronics, net of tax, are reported as Net (income) attributable to noncontrolling interests in the consolidated statements of income.
    Estimates and Assumptions

  The preparation of financial statements in conformity with U.S. GAAP requires Photronics to make estimates and assumptions that affect amounts reported in them. The Company's estimates are based on historical experience and on various assumptions that are believed to be reasonable, based on the facts and circumstances available at the time they are made. Subsequent actual results may differ from such estimates. The Company reviews these estimates periodically and reflect any effects of revisions in the period in which they are determined.

   Translation of Foreign Currency Financial Statements

     Photronics reporting currency is the U.S. dollar. The functional currency of the majority of Photronics foreign subsidiaries is their local currency. As such, amounts included in the consolidated statements of income, comprehensive income, cash flows, and changes in equity are translated using average exchange rates during each period. Assets and liabilities are translated at period-end exchange rates and resulting foreign currency translation adjustments are recorded in the consolidated balance sheets as a component of Accumulated other comprehensive loss.
  Foreign Currency Transactions

  Monetary assets and liabilities denominated in currencies other than the functional currency are remeasured into their respective functional currencies at exchange rates in effect at the balance sheet date. The resulting exchange gain or loss is included in Photronics' consolidated statements of income as Foreign currency transactions impacts, net.

    Cash and Cash Equivalents

 Cash and cash equivalents include cash and highly liquid investments with an original maturity of three months or less, readily convertible to known amounts of cash, and so near to their maturity that they present insignificant risk of changes in value because of changes in interest rates. Restricted cash is included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the consolidated statements of cash flows. The carrying values of cash equivalents approximate their fair values, due to the short-term maturities of these instruments.

  Restricted Cash
 <span style="font-family: 'Times New Roman'; color: rgb(0, 0,

0);">

 Restricted cash in the amounts of $2.8 million and $2.6 million are included in Other assets on the Company's October 31, 2024 and October 31, 2023, consolidated balance sheets, respectively. The restrictions on these amounts are primarily related to land lease agreements and customs requirements.
 </div> <div> </div> <div>
  </div> <div> </div> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Investments</div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: bold; text-align: left; text-indent: 0px; text-transform: none;">
 </div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The Company invests in various bank time deposits, money markets and U.S. Government Securities. The Company's classification of investments is as follows:</div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">
 </div> <table border="0" cellpadding="0" cellspacing="0" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%; text-align: left; color: rgb(0, 0, 0);"> <tr> <td style="width: 5%; vertical-align: top; font-size: 10pt; background-color: rgb(204, 238, 255);"> <div style="text-align: center; font-family: 'Times New Roman';">
 </div> </td> <td colspan="1" style="width: 60%; vertical-align: top; font-size: 10pt; background-color: rgb(204, 238, 255);">Maturing within three months or less from the date of purchase </td> <td style="width: 35%; vertical-align: bottom; font-size: 10pt; text-align: right; background-color: rgb(204, 238, 255);"> <div style="font-family: 'Times New Roman'; font-style: normal;">Cash and cash equivalents</div> </td> </tr> <tr> <td style="width: 5%; vertical-align: top; font-size: 10pt;"> <div style="text-align: center; font-family: 'Times New Roman';">-
 </div> </td> <td colspan="1" rowspan="1" style="width: 60%; vertical-align: top; font-size: 10pt;"> <div>Maturing, as of the date of purchase, more than three months, but </div> <div>with remaining maturities of less than one year, from the balance sheet date </div> </td> <td rowspan="1" style="width: 35%; vertical-align: bottom; font-size: 10pt; text-align: right;"> <div style="font-family: 'Times New Roman'; font-style: normal;">Short-term investments</div> </td> </tr> </table> <table border="0" cellpadding="0" cellspacing="0" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%; text-align: left; color: rgb(0, 0, 0);"> <tr> <td colspan="1" style="width: 5%; vertical-align: top; font-size: 10pt; text-align: center; background-color: rgb(204, 238, 255);">-</td> <td style="width: 60%; vertical-align: top; font-size: 10pt; background-color: rgb(204, 238, 255);"> <div style="text-align: left; font-family: 'Times New Roman';">Maturing one year or more from the balance sheet date</div> </td> <td style="width: 35%; vertical-align: bottom; font-size: 10pt; text-align: right; background-color: rgb(204, 238, 255);"> <div style="font-family: 'Times New Roman'; font-style: normal;">Long-term marketable investments</div> </td> </tr> </table> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;"> </div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">As of October 31, 2024 and 2023, all of the Company's investments from their dates of purchase had remaining maturities of more than three months, but less than one year, and have been classified as short-term investments.</div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
  </div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">Based upon the Company's intent and ability to hold its time deposits to maturity (which maturities range up to twelve months at purchase), such securities have been classified as held-to-maturity and are carried at amortized cost, which approximates market value. Money markets are classified as cash and cash equivalents. The Company's U.S. Government Securities are classified as available-for-sale. Available-for-sale investments are reported at fair value, with unrealized gains or losses (net of tax) reported in Accumulated other comprehensive income (loss). In the event of a sale of these securities, the Company would determine the cost of the investment sold at the specific individual security level and would include any gain or loss in Interest income and other income, net, where the Company also reports periodic interest earned and the amortization (accretion) of discounts (premiums) related to these investments.</div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">
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</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The table below provides information on the Company's available-for-sale debt securities and time deposits classified as short-term investments. </div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
  </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; width: 100%; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none;"> <tr> <td style="vertical-align: middle; font-size: 10pt; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-weight: bold; font-size: 10pt;">October 31, 2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-weight: bold; font-size: 10pt;">October 31, 2023</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-weight: bold; font-size: 10pt;">Amortized</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-weight: bold; font-size: 10pt;">Unrealized</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> <div style="text-align: center; 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border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-weight: bold; font-size: 10pt;">Losses</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-weight: bold; font-size: 10pt;">Value</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); 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    <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr style="vertical-align: top;"> <td style="width: 18pt; font-size: 10pt;"> </td> <td style="text-align: right; vertical-align: top; width: 18pt; font-size: 10pt;"> ⁽¹⁾ </td> <td style="text-align: left; vertical-align: top; width: auto; font-size: 10pt;"> Matured during 2024 </td> </tr> </table>
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">

 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The Company's investments in marketable securities consist primarily of investments in time deposits and U.S. Government Securities. Market values were determined for each individual security in the investment portfolio. When evaluating the investments for other-than-temporary impairment, the Company reviews factors such as length of time and extent to which fair value has been below cost basis, the financial condition of the issuer, and the Company's ability and intent to hold the investment for a period of time, which may be sufficient for anticipated recovery in market values.
   Accounts Receivable, Unbilled Receivables and Allowance for Credit Losses

  We generally record the Company's accounts receivable at their billed amounts. The Company recognizes unbilled receivables when the Company has satisfied its performance obligations, has an unconditional right to consideration, but has not yet issued an invoice. All outstanding past due customer invoices are reviewed for collectability during, and at the end of, every reporting period. To the extent that the Company believes a loss on the collection of a customer invoice is probable, the Company records the loss and credits an allowance for credit losses. In the event that an amount is determined to be uncollectible, the Company charges the allowance for credit losses and derecognizes the related receivable. Refer to the Company's revenue recognition policy, below, for additional information on the Company's accounting for accounts receivable.

     Inventories

  Inventories are stated at the lower of cost, determined under the first-in, first-out ("FIFO") method, or net realizable value. Please refer to Note 4 for additional information on the Company's inventories. Inventory reserves are established when conditions indicate that the net realizable value is less than costs due to assigned expiration dates or other causes based on individual facts and circumstances. If net realizable value is less than cost at the balance sheet date, the carrying amount is reduced to the realizable value, and the difference is recognized as a loss on valuation of inventories within cost of sales.

     Property, Plant and Equipment,

Net</br/>

  Property, plant and equipment, except as explained below under "Impairment of Long-Lived Assets," is stated at cost less accumulated depreciation and amortization. Repairs and maintenance, as well as renewals and replacements of a routine nature, are charged to operations as incurred, while those that improve or extend the lives of existing assets are capitalized. Upon sale or other disposition, the cost of the asset and its related accumulated depreciation are removed from the accounts, and any resulting gain or loss is reflected in earnings.

  Depreciation and amortization, essentially all of which are included in Cost of goods sold in the Company's consolidated statements of income, are computed using the straight-line method over the estimated useful lives of the related assets. Buildings and improvements are depreciated over 10 to 39 years, machinery and equipment over 5 to 15 years, and furniture, fixtures, and office equipment over 3 to 5 years. Leasehold improvements are amortized over the lesser of the life of the lease or the estimated useful life of the improvement. The Company employs judgment when making assumptions about the estimated useful lives and depreciation periods the Company assigns to property, plant and equipment, and when events or changes in circumstances such as a significant industry downturn, plant closures, technological obsolescence, or other occurrences indicate that their carrying amounts may not be recoverable.
     Impairment of Long-Lived Assets

  Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. Determinations of recoverability are based upon the Company's judgment and estimates of undiscounted future cash flows resulting from the use of the assets and their eventual disposition. Measurement of an impairment loss for long-lived assets that the Company expects to hold and use is based on the fair value of the assets, determined using a market or income approach, compared with the carrying value of the asset. The carrying values of assets determined to be impaired would be reduced to their estimated fair values.

 Property, plant and equipment and other long-lived assets to be sold or otherwise disposed of are reported at the lower of carrying amount or fair value less cost to sell.

     Treasury Stock

  The Company records treasury stock purchases under the cost method, recording the entire cost of the acquired stock as treasury stock. Gains and losses on subsequent reissuances would be credited or charged to additional paid-in capital, and the Company would employ the average cost method (with average cost being determined separately for each share repurchase program), in the event that the Company subsequently reissues shares. When the Company retires the Company's treasury stock, any excess of the repurchase price paid over par value is allocated between additional paid-in capital and retained earnings.
     Revenue Recognition

  The Company recognizes revenue when, or as, control of a good or service transfers to a customer, in an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring those goods or services. The Company accounts for an arrangement as a revenue contract when each party has approved and is committed to perform under the contract, the rights of the contracting parties regarding the goods or services to be transferred and the payment terms are identifiable, the arrangement has commercial substance, and collection of consideration is probable. Substantially all of the Company's revenue comes from the sales of photomasks. The Company typically contracts with the Company's customers to sell sets of photomasks, which are comprised of multiple layers, the predominance of which the Company invoices as they ship to customers. As the photomasks are manufactured to customer specifications, they have no alternative use to the Company and, as the Company's contracts generally provide the Company with the right to payment for work completed to date, the Company recognizes revenue as the Company performs, or "over time," on most of the Company's contracts. The Company measures the Company's performance to date using an input method, which is based on the Company's estimated costs to complete the various manufacturing phases of a photomask. At the end of a reporting period, there are a number of uncompleted revenue contracts on which the Company has performed; for any such contracts under which the Company is entitled to be compensated for the Company's costs incurred plus a reasonable profit, the Company recognizes revenue and a corresponding contract asset for such performance. The Company accounts for shipping and handling activities that the Company performs after a customer obtains control of a good as being activities to fulfill the Company's promise to transfer the good to the customer, rather than as promised services, or performance obligations, under the contract. The Company reports the Company's revenue net of any sales or similar taxes the Company collects on behalf of governmental entities.

 As stated above, photomasks are manufactured to customer specifications in accordance with their proprietary designs; thus, they are individually unique. Due to their uniqueness and other factors, their transaction prices are individually established through negotiations with customers; consequently, the Company's photomasks do not have standard or "list" prices. The transaction prices of the vast majority of the Company's revenue contracts include only fixed amounts of consideration. In certain instances, such as when the Company offers a customer an early payment discount, an estimate of variable consideration would be included in the transaction price, but only to the extent that a significant reversal of revenue would not occur when the uncertainty related to the variability was resolved.

     Contract Assets and Contract Liabilities

  The Company recognizes a contract asset when the Company's performance under a contract precedes the Company's receipt of consideration from a customer, or before payment is due, and the Company's receipt of consideration is conditional upon factors other than the passage of time. Contract assets reflect the Company's transfer of control to customers of photomasks that are in process or completed but not yet shipped to customers. A receivable is recognized when the Company has an unconditional right to payment for the Company's performance, which generally occurs when the Company ships the photomasks. The Company's contract assets primarily consist of a significant amount of the Company's in-process production orders and fully manufactured photomasks which have not yet shipped, for which the Company has an enforceable right to collect consideration (including a reasonable profit) in the event the in-process orders are cancelled by customers. On an individual contract basis, the Company nets contract assets with contract liabilities (deferred revenue) for financial reporting purposes. The Company's net credit losses on the accounts receivable during 2024 were insignificant. The Company did not impair any contract assets or accounts receivable in 2024 or 2023.
     Contract Costs

  The Company pays commissions to third-party sales agents for certain sales that they procure on the Company's behalf. However, the bases of the commissions are the transaction prices of the sales, which are completed in less than one year; thus, no relationship is established with a customer that will result in future business. Therefore, the Company would not recognize any portion of these sales commissions as costs of obtaining a contract, nor does the Company currently foresee other circumstances under which the Company would recognize such assets.
      Remaining Performance Obligations

  As the Company is typically required to fulfill customer orders within a short time period, the Company's backlog of orders is generally not in excess of one to two weeks for IC photomasks and two to three weeks for FPD photomasks. However, the demand for some IC photomasks can extend beyond the traditional time period; thus the backlog, in some individual cases, can extend to as long as two to three months. More recently however, backlogs for most high demand products have returned to historical levels of less than a month. As allowed under ASC 606 - Revenue Contracts with Customers, the Company has elected not to disclose the Company's remaining performance obligations, which represent the costs associated with the completion of the manufacturing process of in-process photomasks related to contracts that have an original duration of one year or less.

     Product Warranties

  The Company's photomasks are sold under warranties that generally range from one to twenty-four months. The Company warrants that the Company's photomasks conform to customer specifications, and the Company will typically repair, replace, or issue a refund for any photomasks that fail to do so. The warranties do not represent separate performance obligations in the Company's revenue contracts. Historically, customer claims under warranties have been immaterial.
   Leases

 <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement and evaluates at that time whether the lease is an operating lease or a finance lease. The Company recognizes right-of-use assets and lease liabilities for operating and finance leases with terms greater than 12 months. Please refer to Note 11 - Leases for additional information.

  The Company's involvement in lease arrangements has typically been as a lessee. The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement. An arrangement is determined to be a lease when it conveys to the Company the right to control the use of an identified asset for a period of time in exchange for consideration. The Company's having the right to control an identified asset is determined by whether the Company is entitled to substantially all of its economic benefits and can direct its use. The Company recognizes leases on the Company's consolidated balance sheet when a lessor makes an asset underlying a lease having a term in excess of twelve months available for the Company's use. As allowed under ASC Topic 842 - "Leases" ("Topic 842"), the Company has elected 1) not to apply the recognition requirements to leases that, at their commencement dates, have lease terms of twelve months or less and do not include options to purchase their underlying assets that the Company is reasonably certain to exercise and 2) for all classes of assets, the practical expedient to not separate lease components of a contract from non-lease components of a contract.

 <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">
  If an arrangement is determined to be, or includes a lease, the Company then applies the classification

criteria in ASC 842 - Leases to determine whether the lease is a finance lease or an operating lease. For both types of leases, at their commencement dates (which are the dates on which a lessor makes an underlying asset available for the Company's use), the Company recognizes Right-of-Use ("ROU") assets, which represent the Company's rights to use the underlying assets, and lease liabilities which represent the Company's obligation to make payments for such rights. The present value of lease payments over the term of the lease provides the basis for the initial measurement of ROU assets and their related lease liabilities. Variable lease payments, other than those that are dependent on an index or on a rate (at which they are measured on their commencement dates), are not included in the measurement of ROU assets and their related lease liabilities. Lease terms include extension periods if the lease agreement includes an option to extend the lease that the Company is reasonably certain to exercise.

 <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">
  <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> The initial measurement process for finance leases and operating leases is the same, except that, for operating leases, the Company generally applies the Company's incremental borrowing rates for collateralized borrowings over terms similar to those of the leases to determine the lease liability while, for finance leases, the Company uses the interest rates implicit in the leases. The initial measurement of ROU assets may require further adjustments for lease prepayments and initial direct costs the Company incurs.

 <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">
  <span style="font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> Operating leases are expensed on a straight-line basis over the terms of the leases, and are included in the consolidated statement of income in Cost of goods sold, Selling, general and administrative, or Research and development expense in accordance with the use of the underlying asset. Finance lease ROU assets are amortized over the estimated useful life of the underlying asset; the expenses are included in the consolidated statement of income in Cost of goods sold. Finance lease liabilities are subsequently remeasured by increasing the liability to reflect interest accrued during a period and decreasing the liability to reflect payments made during the period. Interest expense incurred on finance leases is included in Interest expense on the consolidated statements of income.

  Cash paid for operating leases and interest paid for finance leases are included in the consolidated statement of cash flows as operating activities in Accounts payable, accrued liabilities and other; cash paid for finance lease principal is included in Repayments of debt in the financing activities section of the consolidated statement of cash flows.
     Share-Based Compensation

   We recognize share-based compensation expense on a straight-line basis over the requisite service period during which the awards are expected to vest. Share-based compensation expense includes the estimated effects of forfeitures, which are adjusted over the requisite service period to the extent actual forfeitures differ, or are expected to differ, from such estimates. Changes in estimated forfeitures are recognized in the period of change and will impact the amount of expense to be recognized in future periods. Determining the appropriate option pricing model, calculating the grant date fair value of share-based awards, and estimating forfeiture rates requires considerable judgment, including estimations of stock price volatility and the expected term of options granted.

  <span style="display: inline; float: none; letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-align: left; text-indent: 24px; text-transform: none;">We use the Black-Scholes option pricing model to value employee stock options. The Company estimates stock price volatility based on daily averages of the Company's common stock's historical volatility over a term approximately equal to the estimated time period the grant will remain outstanding. The expected term of options and forfeiture rate assumptions are derived from historical data.

       Research and Development

   Research and development costs are expensed as incurred and consist primarily of development efforts related to high-end process technologies for advanced subwavelength reticle solutions for IC and FPD photomask technologies. Research and development expenses were $16.6 million, $13.7 million, and $18.3 million for the years ended October 31, 2024, 2023 and 2022, respectively.
      Government Grants

  <span style="font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-align: left; text-indent: 24px; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial;">The Company receives or expects to receive in the future, various types of government assistance, primarily in the form of grants or refundable tax credits. Government assistance is recognized when there is reasonable assurance that, (1) the Company will comply with the relevant conditions and (2) the assistance will be received. Government assistance related to reimbursing fixed asset purchases, such as reimbursement grants and refundable federal investment tax credits, are recorded as a reduction to the related asset(s), which then reduces depreciation expense over the expected useful life of the asset on a straight-line basis. If some, or all, of the amount of government assistance becomes repayable (e.g. due to non-fulfillment of the grant conditions) or there is no longer reasonable assurance the amount will be received (e.g. due to additional interpretive guidance) then the adjustment is accounted for prospectively as a change in accounting estimate. The effect of the change in estimate is recognized in the period in which management concludes that it is no longer reasonably assured that all of the grant conditions will be met. A corresponding financial liability is recognized for the amount of the repayment, if any.
 <span style="font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-align: left; text-indent: 24px; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial;">

 <span style="font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-align: left; text-indent: 24px; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> The Company accounts for funds the Company receives from government grants by either reducing the costs of the assets (if the grant relates to capital expenditures) or expenses which could be Cost of goods sold, Selling, general and administrative, or Research and development expenses in the consolidated statements of income. If the funds the Company receives cannot be attributed to specific assets or expenses, they would be recognized as other income, and included in Interest income and other income, net in the consolidated statements of income. Funds the Company receive from government grants are classified in the Company's consolidated statements of cash flows as either Net cash provided by operating activities or Net cash provided by investing activities, in accordance with how the Company expends the funds. When a grant is received before conditions of the grant have been met, the grant is recorded in Accrued liabilities or Other liabilities in the Consolidated Balance Sheets. For the years ended October 31, 2024, October 31, 2023, and October 31, 2022, grants recorded in the Company's Consolidated Financial Statements were not material.

  The Company expects to receive refundable federal investment tax credits through the CHIPS Act in connection with ongoing expansion projects. As of October 31, 2024, the Company has reduced property, plant and equipment, net by $5.0 million as a result of expected refundable tax credits in connection with the CHIPS Act. The Company has also applied for direct capital grants through the CHIPS Act in connection with proposed projects.

      Income Taxes

   The income tax provision is computed on the basis of the income or loss before income taxes for each entity in its respective tax jurisdiction. Deferred income taxes reflect the tax effects of differences between the carrying amounts of assets and liabilities for financial reporting purposes and their amounts used for income tax purposes, as well as the tax effects of net operating losses and tax credit carryforwards. We employ judgment and make assumptions when establishing valuation allowances for deferred income tax assets, if their realization is not deemed to be more likely than not, by considering future market growth, operating forecasts, future taxable income, and the mix of earnings among the tax jurisdictions in which we operate. Accordingly, income taxes charged against earnings may have been impacted by changes in the valuation allowances. We are eligible for investment tax credits in U.S. and non-U.S. tax jurisdictions. We account for investment tax credits under the "flow-through" method of accounting. As permitted in ASC 740 "Income Taxes", under the flow-through method of accounting, the tax benefit from an investment tax credit is recorded as a reduction of income taxes in the period in which the credit is generated.

   We consider income taxes in each of the tax jurisdictions in which we operate in order to determine our effective income tax rate. Our current income tax expense is thus identified, and temporary differences resulting from differing treatments of items for tax and financial reporting purposes are assessed. These differences result in deferred tax assets, which are presented on our consolidated balance sheets, and deferred tax liabilities, which are included in Other liabilities on our consolidated balance sheets.

  We account for uncertain tax positions by recording a liability for unrecognized tax benefits resulting from uncertain tax positions taken, or expected to be taken, in our tax returns. We include any applicable interest and penalties related to uncertain tax positions in the liability and in our income tax provision.

   Earnings Per Share

  Basic earnings per share ("EPS") attributed to Photronics shareholders for both basic and diluted is computed independently for each period presented and is based on the weighted-average number of common shares outstanding for the period, excluding any dilutive common share equivalents. Diluted EPS reflects the potential dilution that could occur if certain share-based payment awards were exercised or earned.

     Variable Interest Entities

  We account for the investments the Company makes in certain legal entities in which equity investors do not have: 1) sufficient equity at risk for the legal entity to finance its activities without additional subordinated financial support or, 2) as a group, the holders of the equity investment at risk do not have either the power, through voting or similar rights, to direct the activities of the legal entity that most significantly impact the entity's economic performance or, 3) the obligation to absorb the expected losses of the legal entity or the right to receive expected residual returns of the legal entity as "variable interest entities" or "VIEs".

  We consolidate the results of any such entity in which the Company has determined that the Company has a controlling financial interest. The Company would have a "controlling financial interest" (and thus be considered the "primary beneficiary" of the entity) in such an entity when the Company has both the power to direct the activities that most significantly affect the VIE's economic performance and the obligation to absorb the losses of, or right to receive the benefits from, the VIE that could be potentially significant to the VIE. On a quarterly basis, the Company reassesses whether the Company has a controlling financial interest in any investments the Company has in these entities.

  We would account for investments the Company makes in VIEs in which the Company has determined that the Company does not have a controlling financial interest but have a significant influence over, and hold at least a twenty percent ownership interest in, using the equity method. An investment not meeting the parameters to be accounted for under the equity method would be accounted for using the cost method, unless the investment had a readily determinable fair value, at which value it would then be reported.

   Recent Accounting Pronouncements

    In December 2023, the FASB issued ASU 2023-09, "Income Taxes (Topic 740): Improvements to Income Tax Disclosures", to enhance the transparency and decision usefulness of income tax disclosures. The amendments in this Update related to the rate reconciliation and income taxes paid disclosures to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. The amendments allow investors to better assess, in their capital allocation decisions, how an entity's worldwide operations and related tax risks and tax planning and operational opportunities affect its income tax rate and prospects for future cash flows. The guidance in this Update will be effective for Photronics in its fiscal year 2026 Form 10-K, with early application of the amendments allowed. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.

   In November 2023, the FASB issued ASU 2023-07, "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures", which improves reportable segment disclosure requirements, primarily through enhanced disclosures about significant segment expenses. The guidance in this Update is effective for Photronics in its fiscal year 2025 Form 10-K, with early adoption permitted. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.
   1132132   Basis of Presentation

  The consolidated financial statements are prepared in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"). The accounting policies used to prepare these financial statements are the same as those used to prepare the consolidated financial statements in prior years, except as described in these notes or for the adoption of new standards as outlined below.
    Principles of Consolidation

  The accompanying consolidated financial statements include the accounts of Photronics, Inc., its wholly owned subsidiaries, in which Photronics is considered the primary beneficiary, and the majority-owned subsidiaries which it controls.

  All intercompany balances and transactions have been eliminated in consolidation.

  Noncontrolling interests in subsidiaries related to Photronics ownership interests of less than 100% are reported as Noncontrolling interests in the consolidated balance sheets. The results of noncontrolling ownership interests held by Photronics, net of tax, are reported as Net (income) attributable to noncontrolling interests in the consolidated statements of income. 1   Estimates and Assumptions

  The preparation of financial statements in conformity with U.S. GAAP requires Photronics to make estimates and assumptions that affect amounts reported in them. The Company's estimates are based on historical experience and on various assumptions that are believed to be reasonable, based on the facts and circumstances available at the time they are made. Subsequent actual results may differ from such estimates. The Company reviews these estimates periodically and reflect any effects of revisions in the period in which they are determined. Translation of Foreign Currency Financial Statements

       Photronics reporting currency is the U.S. dollar. The functional currency of the majority of Photronics foreign subsidiaries is their local currency. As such, amounts included in the consolidated statements of income, comprehensive income, cash flows, and changes in equity are translated using average exchange rates during each period. Assets and liabilities are translated at period-end exchange rates and resulting foreign currency translation adjustments are recorded in the consolidated balance sheets as a component of Accumulated other comprehensive loss. Foreign Currency Transactions

  Monetary assets and liabilities denominated in currencies other than the functional currency are remeasured into their respective functional currencies at exchange rates in effect at the balance sheet date. The resulting exchange gain or loss is included in Photronics' consolidated statements of income as Foreign currency transactions impacts, net.
     Cash and Cash Equivalents

 Cash and cash equivalents include cash and highly liquid investments with an original maturity of three months or less, readily convertible to known amounts of cash, and so near to their maturity that they present insignificant risk of changes in value because of changes in interest rates. Restricted cash is included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the consolidated statements of cash flows. The carrying values of cash equivalents approximate their fair values, due to the short-term maturities of these instruments.
   Restricted Cash

 Restricted cash in the amounts of $2.8 million and $2.6 million are included in Other assets on the Company's October 31, 2024 and October 31, 2023, consolidated balance sheets, respectively. The restrictions on these amounts are primarily related to land lease agreements and customs requirements.
  28000002600000 Investments
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: bold; text-align: left; text-indent: 0px; text-transform: none;">

 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The Company invests in various bank time deposits, money markets and U.S. Government Securities. The Company's classification of investments is as follows:
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">
  <table border="0" cellpadding="0" cellspacing="0" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%; text-align: left; color: rgb(0, 0, 0);"> <tr> <td style="width: 5%; vertical-align: top; font-size: 10pt; background-color: rgb(204, 238, 255);"> -
  </td> <td colspan="1" style="width: 60%; vertical-align: top; font-size: 10pt; background-color: rgb(204, 238, 255);">Maturing within three months or less from the date of purchase </td> <td style="width: 35%; vertical-align: bottom; font-size:

10pt; text-align: right; background-color: rgb(204, 238, 255);"> Cash and cash equivalents </td> </tr> <tr> <td style="width: 5%; vertical-align: top; font-size: 10pt;"> -
  </td> <td colspan="1" rowspan="1" style="width: 60%; vertical-align: top; font-size: 10pt;"> Maturing, as of the date of purchase, more than three months, but with remaining maturities of less than one year, from the balance sheet date </td> <td rowspan="1" style="width: 35%; vertical-align: bottom; font-size: 10pt; text-align: right;"> Short-term investments </td> </tr> </table> <table border="0" cellpadding="0" cellspacing="0" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%; text-align: left; color: rgb(0, 0, 0);"> <tr> <td colspan="1" style="width: 5%; vertical-align: top; font-size: 10pt; text-align: center; background-color: rgb(204, 238, 255);">-</td> <td style="width: 60%; vertical-align: top; font-size: 10pt; background-color: rgb(204, 238, 255);"> Maturing one year or more from the balance sheet date </td> <td style="width: 35%; vertical-align: bottom; font-size: 10pt; text-align: right; background-color: rgb(204, 238, 255);"> Long-term marketable investments </td> </tr> </table>
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">As of October 31, 2024 and 2023, all of the Company's investments from their dates of purchase had remaining maturities of more than three months, but less than one year, and have been classified as short-term investments.
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">

 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">Based upon the Company's intent and ability to hold its time deposits to maturity (which maturities range up to twelve months at purchase), such securities have been classified as held-to-maturity and are carried at amortized cost, which approximates market value. Money markets are classified as cash and cash equivalents. The Company's U.S. Government Securities are classified as available-for-sale. Available-for-sale investments are reported at fair value, with unrealized gains or losses (net of tax) reported in Accumulated other comprehensive income (loss). In the event of a sale of these securities, the Company would determine the cost of the investment sold at the specific individual security level and would include any gain or loss in Interest income and other income, net, where the Company also reports periodic interest earned and the amortization (accretion) of discounts (premiums) related to these investments.
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">

 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The table below provides information on the Company's available-for-sale debt securities and time deposits classified as short-term investments.
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
   <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; width: 100%; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none;"> <tr> <td style="vertical-align: middle; font-size: 10pt; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; 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vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Amortized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Unrealized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Unrealized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Carrying </td> <td colspan="1" style="text-align: left; 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border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Losses </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Value </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Cost </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; 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background-color: #CCEEFF;" valign="bottom"> U.S. Government Securities⁽¹⁾ </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 7%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; 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width: 20%; padding-bottom: 2px;" valign="bottom"> Time deposits </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 7%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 42,184 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-

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    <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr style="vertical-align: top;"> <td style="width: 18pt; font-size: 10pt;"> </td> <td style="text-align: right; vertical-align: top; width: 18pt; font-size: 10pt;"> ⁽¹⁾ </td> <td style="text-align: left; vertical-align: top; width: auto; font-size: 10pt;"> Matured during 2024 </td> </tr> </table>
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">

 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The Company's investments in marketable securities consist primarily of investments in time deposits and U.S. Government Securities. Market values were determined for each individual security in the investment portfolio. When evaluating the investments for other-than-temporary impairment, the Company reviews factors such as length of time and extent to which fair value has been below cost basis, the financial condition of the issuer, and the Company's ability and intent to hold the investment for a period of time, which may be sufficient for anticipated recovery in market values.
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The table below provides information on the Company's available-for-sale debt securities and time deposits classified as short-term investments.
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
   <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; width: 100%; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none;"> <tr> <td style="vertical-align: middle; font-size: 10pt; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Amortized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Unrealized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Unrealized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Carrying </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Amortized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Unrealized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Unrealized </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Carrying </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; font-size: 10pt; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Cost </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Gains </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0,

0);" valign="bottom"> Losses </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Value </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Cost </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; 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background-color: #CCEEFF;" valign="bottom"> U.S. Government Securities⁽¹⁾ </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 7%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; 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    <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr style="vertical-align: top;"> <td style="width: 18pt; font-size: 10pt;"> </td> <td style="text-align: right; vertical-align: top; width: 18pt; font-size: 10pt;"> ⁽¹⁾ </td> <td style="text-align: left; vertical-align: top; width: auto; font-size: 10pt;"> Matured during 2024 </td> </tr> </table>
0000129130004000200012915000421840000042184000000421840000042184000129130004000200012915000   Accounts Receivable, Unbilled Receivables and Allowance for Credit Losses

  We generally record the Company's accounts receivable at their billed amounts. The Company recognizes unbilled receivables when the Company has satisfied its performance obligations, has an unconditional right to consideration, but has not yet issued an invoice. All outstanding past due customer invoices are reviewed for collectability during, and at the end of, every reporting period. To the extent that the Company believes a loss on the collection of a customer invoice is probable, the Company records the loss and credits an allowance for credit losses. In the event that an amount is determined to be uncollectible, the Company charges the allowance for credit losses and derecognizes the related receivable. Refer to the Company's revenue recognition policy, below, for additional information on the Company's accounting for accounts receivable.   Inventories

  Inventories are stated at the lower of cost, determined under the first-in, first-out ("FIFO") method, or net realizable value. Please refer to Note 4 for additional information on the Company's inventories. Inventory reserves are established when conditions indicate that the net realizable value is less than costs due to assigned expiration dates or other causes based on individual facts and circumstances. If net realizable value is less than cost at the balance sheet date, the carrying amount is reduced to the realizable value, and the difference is recognized as a loss on valuation of inventories within cost of sales.
     Property, Plant and Equipment, Net

  Property, plant and equipment, except as explained below under "Impairment of Long-Lived Assets," is stated at cost less accumulated depreciation and amortization. Repairs and maintenance, as well as renewals and replacements of a routine nature, are charged to operations as incurred, while those that improve or extend the lives of existing assets are capitalized. Upon sale or other disposition, the cost of the asset and its related accumulated depreciation are removed from the accounts, and any resulting gain or loss is reflected in earnings.

  Depreciation and amortization, essentially all of which are included in Cost of goods sold in the Company's consolidated statements of income, are computed using the straight-line method over the estimated useful lives of the related assets. Buildings and improvements are depreciated over 10 to 39 years, machinery and equipment over 5 to 15 years, and furniture, fixtures, and office equipment over 3 to 5 years. Leasehold improvements are amortized over the lesser of the life of the lease or the estimated useful life of the improvement. The Company employs judgment when making assumptions about the estimated useful lives and depreciation periods the Company assigns to property, plant and equipment, and when events or changes in circumstances such as a significant industry downturn, plant closures, technological obsolescence, or other occurrences indicate that their carrying amounts may not be recoverable.
P10YP39YP5YP15YP3YP5Y   Impairment of Long-Lived Assets

  Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. Determinations of recoverability are based upon the Company's judgment and estimates of undiscounted future cash flows resulting from the use of the assets and their eventual disposition. Measurement of an impairment loss for long-lived assets that the Company expects to hold and use is based on the fair value of the assets, determined using a market or income approach, compared with the carrying value of the asset. The carrying values of assets determined to be impaired would be reduced to their estimated fair values.

 Property, plant and equipment and other long-lived assets to be sold or otherwise disposed of are reported at the lower of carrying amount or fair value less cost to sell.
     Treasury Stock

  The Company records treasury stock purchases under the cost method, recording the entire cost of the acquired stock as treasury stock. Gains and losses on subsequent reissuances would be credited or charged to additional paid-in capital, and the Company would employ the average cost method (with average cost being determined separately for each share repurchase program), in the event that the Company subsequently reissues shares. When the Company retires the Company's treasury stock, any excess of the repurchase price paid over par value is allocated between additional paid-in capital and retained earnings.   Revenue Recognition

  The Company recognizes revenue when, or as, control of a good or service transfers to a customer, in an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring those goods or services. The Company accounts for an arrangement as a revenue contract when each party has approved and is committed to perform under the contract, the rights of the contracting parties regarding the goods or services to be transferred and the payment terms are identifiable, the arrangement has commercial substance, and collection of consideration is probable. Substantially all of the Company's revenue comes from the sales of photomasks. The Company typically contracts with the Company's customers to sell sets of photomasks, which are comprised of multiple layers, the predominance of which the Company invoices as they ship to customers. As the photomasks are manufactured to customer specifications, they have no alternative use to the Company and, as the Company's contracts generally provide the Company with the right to payment for work completed to date, the Company recognizes revenue as the Company performs, or "over time," on most of the Company's contracts. The Company measures the Company's performance to date using an input method, which is based on the Company's estimated costs to complete the various manufacturing phases of a photomask. At the end of a reporting period, there are a number of uncompleted revenue contracts on which the Company has performed; for any such contracts under which the Company is entitled to be compensated for the Company's costs incurred plus a reasonable profit, the Company recognizes revenue and a corresponding contract asset for such performance. The Company accounts for shipping and handling activities that the Company performs after a customer obtains control of a good as being activities to fulfill the Company's promise to transfer the good to the customer, rather than as promised services, or performance obligations, under the contract. The Company reports the Company's revenue net of any sales or similar taxes the Company collects on behalf of governmental entities.

 As stated above, photomasks are manufactured to customer specifications in accordance with their proprietary designs; thus, they are individually unique. Due to their uniqueness and other factors, their transaction prices are individually established through negotiations with customers; consequently, the Company's photomasks do not have standard or "list" prices. The transaction prices of the vast majority of the Company's revenue contracts include only fixed amounts of consideration. In certain instances, such as when the Company offers a customer an early payment discount, an estimate of variable consideration would be included in the transaction price, but only to the extent that a significant reversal of revenue would not occur when the uncertainty related to the variability was resolved.

     Contract Assets and Contract Liabilities

  The Company recognizes a contract asset when the Company's performance under a contract precedes the Company's receipt of consideration from a customer, or before payment is due, and the Company's receipt of consideration is conditional upon factors other than the passage of time. Contract assets reflect the Company's transfer of control to customers of photomasks that are in process or completed but not yet shipped to customers. A receivable is recognized when the Company has an unconditional right to payment for the Company's performance, which generally occurs when the Company ships the photomasks. The Company's contract assets primarily consist of a significant amount of the Company's in-process production orders and fully manufactured photomasks which have not yet shipped, for which the Company has an enforceable right to collect consideration (including a reasonable profit) in the event the in-process orders are cancelled by customers. On an individual contract basis, the Company nets contract assets with contract liabilities (deferred revenue) for financial reporting purposes. The Company's net credit losses on the accounts receivable during 2024 were insignificant. The Company did not impair any contract assets or accounts receivable in 2024 or 2023.
     Contract Costs

  The Company pays commissions to third-party sales agents for certain sales that they procure on the Company's behalf. However, the bases of the commissions are the transaction prices of the sales, which are completed in less than one year; thus, no relationship is established with a customer that will result in future business. Therefore, the Company would not recognize any portion of these sales commissions as costs of obtaining a contract, nor does the Company currently foresee other circumstances under which the Company would recognize such assets.
      Remaining Performance Obligations

  As the Company is typically required to fulfill customer orders within a short time period, the Company's backlog of orders is generally not in excess of one to two weeks for IC photomasks and two to three weeks for FPD photomasks. However, the demand for some IC photomasks can extend beyond the traditional time period; thus the backlog, in some individual cases, can extend to as long as two to three months. More recently however, backlogs for most high demand products have returned to historical levels of less than a month. As allowed under ASC 606 – Revenue Contracts with Customers, the Company has elected not to disclose the Company's remaining performance obligations, which represent the costs associated with the completion of the manufacturing process of in-process photomasks related to contracts that have an original duration of one year or less.

     Product Warranties

  The Company's photomasks are sold under warranties that generally range from one to twenty-four months. The Company warrants that the Company's photomasks conform to customer specifications, and the Company will typically repair, replace, or issue a refund for any photomasks that fail to do so. The warranties do not represent separate performance obligations in the Company's revenue contracts. Historically, customer claims under warranties have been immaterial. 0000P3MP24M Leases

 <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement and evaluates at that time whether the lease is an operating lease or a finance lease. The Company recognizes right-of-use assets and lease liabilities for operating and finance leases with terms greater than 12 months. Please refer to Note 11 – Leases for additional information.

  The Company's involvement in lease arrangements has typically been as a lessee. The Company determines if an agreement is, or contains, a lease on the earlier of the date of the agreement or the date on which the Company commits to entering the agreement. An arrangement is determined to be a lease when it conveys to the Company the right to control the use of an identified asset for a period of time in exchange for consideration. The Company's having the right to control an identified asset is determined by whether the Company is entitled to substantially all of its economic benefits and can direct its use. The Company recognizes leases on the Company's consolidated balance sheet when a lessor makes an asset underlying a lease having a term in excess of twelve months available for the Company's use. As allowed under ASC Topic 842 – "Leases" ("Topic 842"), the Company has elected 1) not to apply the recognition requirements to leases that, at their commencement dates, have lease terms of twelve months or less and do not include options to purchase their underlying assets that the Company is reasonably certain to exercise and 2) for all classes of assets, the practical expedient to not separate lease components of a contract from non-lease components of a contract.

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  If an arrangement is determined to be, or includes a lease, the Company then applies the classification criteria in ASC 842 - Leases to determine whether the lease is a finance lease or an operating lease. For both types of leases, at their commencement dates (which are the dates on which a lessor makes an underlying asset available for the Company's use), the Company recognizes Right-of-Use ("ROU") assets, which represent the Company's rights to use the underlying assets, and lease liabilities which represent the Company's obligation to make payments for such rights. The present value of lease payments over the term of the lease provides the basis for the initial measurement of ROU assets and their related lease liabilities. Variable lease payments, other than those that are dependent on an index or on a rate (at which they are measured on their commencement dates), are not included in the measurement of ROU assets and their related lease liabilities. Lease terms include extension periods if the lease agreement includes an option to extend the lease that the Company is reasonably certain to exercise.

 <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">
  <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> The initial measurement process for finance leases and operating leases is the same, except that, for operating leases, the Company generally applies the Company's incremental borrowing rates for collateralized borrowings over terms similar to those of the leases to determine the lease liability while, for finance leases, the Company uses the interest rates implicit in the leases. The initial measurement of ROU assets may require further adjustments for lease prepayments and initial direct costs the Company incurs.

 <span style="font-family: 'Times New Roman'; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">
  <span style="font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> Operating leases are expensed on a straight-line basis over the terms of the leases, and are included in the consolidated statement of income in Cost of goods sold, Selling, general and administrative, or Research and development expense in accordance with the use of the underlying asset. Finance lease ROU assets are amortized over the estimated useful life of the underlying asset; the expenses are included in the consolidated statement of income in Cost of goods sold. Finance lease liabilities are subsequently remeasured by increasing the liability to reflect interest accrued during a period and decreasing the liability to reflect payments made during the period. Interest expense incurred on finance leases is included in Interest expense on the consolidated statements of income.

  Cash paid for operating leases and interest paid for finance leases are included in the consolidated statement of cash flows as operating activities in Accounts payable, accrued liabilities and other; cash paid for finance lease principal is included in Repayments of debt in the financing activities section of the consolidated statement of cash flows.   Share-Based Compensation

  We recognize share-based compensation expense on a straight-line basis over the requisite service period during which the awards are expected to vest. Share-based compensation expense includes the estimated effects of forfeitures, which are adjusted over the requisite service period to the extent actual forfeitures differ, or are expected to differ, from such estimates. Changes in estimated forfeitures are recognized in the period of change and will impact the amount of expense to be recognized in future periods. Determining the appropriate option pricing model, calculating the grant date fair value of share-based awards, and estimating forfeiture rates requires considerable judgment, including estimations of stock price volatility and the expected term of options granted.

  <span style="display: inline; float: none; letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-align: left; text-indent: 24px; text-transform: none;">We use the Black-Scholes option pricing model to value employee stock options. The Company estimates stock price volatility based on daily averages of the Company's common stock's historical volatility over a term approximately equal to the estimated time period the grant will remain outstanding. The expected term of options and forfeiture rate assumptions are derived from historical data.   Research and Development

  Research and development costs are expensed as incurred and consist primarily of development efforts related to high-end process technologies for advanced subwavelength reticle solutions for IC and FPD photomask technologies. Research and development expenses were $16.6 million, $13.7 million, and $18.3 million for the years ended October 31, 2024, 2023 and 2022, respectively. 166000001370000018300000   Government Grants

  <span style="font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-align: left; text-indent: 24px; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial;">The Company receives or expects to receive in the future, various types of government assistance, primarily in the form of grants or refundable tax credits. Government assistance is recognized when there is reasonable assurance that: (1) the Company will comply with the relevant conditions and (2) the assistance will be received. Government assistance related to reimbursing fixed asset purchases, such as reimbursement grants and refundable federal investment tax credits, are recorded as a reduction to the related asset(s), which then reduces depreciation expense over the expected useful life of the asset on a straight-line basis. If some, or all, of the amount of government assistance becomes repayable (e.g. due to non-fulfillment of the grant conditions) or there is no longer reasonable assurance the amount will be received (e.g. due to additional interpretive guidance) then the adjustment is accounted for prospectively as a change in accounting estimate. The effect of the change in estimate is recognized in the period in which management concludes that it is no longer reasonably assured that all of the grant conditions will be met. A corresponding financial liability is recognized for the amount of the repayment, if any.
 <span style="font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-align: left; text-indent: 24px; text-transform: none; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial;">

  The Company accounts for funds the Company receives from government grants by either reducing the costs of the assets (if the grant relates to capital expenditures) or expenses which could be Cost of goods sold, Selling, general and administrative, or Research and development expenses in the consolidated statements of income. If the funds the Company receives cannot be attributed to specific assets or expenses, they would be recognized as other income, and included in Interest income and other income, net in the consolidated statements of income. Funds the Company receive from government grants are classified in the Company's consolidated statements of cash flows as either Net cash provided by operating activities or Net cash provided by investing activities, in accordance with how the Company expends the funds. When a grant is received before conditions of the grant have been met, the grant is recorded in Accrued liabilities or Other liabilities in the Consolidated Balance Sheets. For the years ended October 31, 2024, October 31, 2023, and October 31, 2022, grants recorded in the Company's Consolidated Financial Statements were not material.

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weight: normal; font-style: normal; font-variant: normal; text-transform: none;"> The Company expects to receive refundable federal investment tax credits through the CHIPS Act in connection with ongoing expansion projects. As of October 31, 2024, the Company has reduced property, plant and equipment, net by $5.0 million as a result of expected refundable tax credits in connection with the CHIPS Act. The Company has also applied for direct capital grants through the CHIPS Act in connection with proposed projects.
 </div> -5000000 <div>
    </div> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Income Taxes</div> <div> </div> <div>
  </div> <div> </div> <div>
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> The income tax provision is computed on the basis of the income or loss before income taxes for each entity in its respective tax jurisdiction. Deferred income taxes reflect the tax effects of differences between the carrying amounts of assets and liabilities for financial reporting purposes and their amounts used for income tax purposes, as well as the tax effects of net operating losses and tax credit carryforwards. We employ judgment and make assumptions when establishing valuation allowances for deferred income tax assets, if their realization is not deemed to be more likely than not, by considering future market growth, operating forecasts, future taxable income, and the mix of earnings among the tax jurisdictions in which we operate. Accordingly, income taxes charged against earnings may have been impacted by changes in the valuation allowances. We are eligible for investment tax credits in U.S. and non-U.S. tax jurisdictions. We account for investment tax credits under the "flow-through" method of accounting. As permitted in ASC 740 "Income Taxes", under the flow-through method of accounting, the tax benefit from an investment tax credit is recorded as a reduction of income taxes in the period in which the credit is generated.</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> We consider income taxes in each of the tax jurisdictions in which we operate in order to determine our effective income tax rate. Our current income tax expense is thus identified, and temporary differences resulting from differing treatments of items for tax and financial reporting purposes are assessed. These differences result in deferred tax assets, which are presented on our consolidated balance sheets, and deferred tax liabilities, which are included in Other liabilities on our consolidated balance sheets.</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> We account for uncertain tax positions by recording a liability for unrecognized tax benefits resulting from uncertain tax positions taken, or expected to be taken, in our tax returns. We include any applicable interest and penalties related to uncertain tax positions in the liability and in our income tax provision.
  </div> <div> </div> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Earnings Per Share</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> Basic earnings per share ("EPS") attributed to Photronics shareholders for both basic and diluted is computed independently for each period presented and is based on the weighted-average number of common shares outstanding for the period, excluding any dilutive common share equivalents. Diluted EPS reflects the potential dilution that could occur if certain share-based payment awards were exercised or earned.
  </div> <div> </div> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Variable Interest Entities</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> We account for the investments the Company makes in certain legal entities in which equity investors do not have: 1) sufficient equity at risk for the legal entity to finance its activities without additional subordinated financial support or, 2) as a group, the holders of the equity investment at risk do not have either the power, through voting or similar rights, to direct the activities of the legal entity that most significantly impact the entity's economic performance or, 3) the obligation to absorb the expected losses of the legal entity or the right to receive expected residual returns of the legal entity as "variable interest entities", or "VIEs".</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> We consolidate the results of any such entity in which the Company has determined that the Company has a controlling financial interest. The Company would have a "controlling financial interest" (and thus be considered the "primary beneficiary" of the entity) in such an entity when the Company has both the power to direct the activities that most significantly affect the VIE's economic performance and the obligation to absorb the losses of, or right to receive the benefits from, the VIE that could be potentially significant to the VIE. On a quarterly basis, the Company reassesses whether the Company has a controlling financial interest in any investments the Company has in these entities.</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> We would account for investments the Company makes in VIEs in which the Company has determined that the Company does not have a controlling financial interest but have a significant influence over, and hold at least a twenty percent ownership interest in, using the equity method. An investment not meeting the parameters to be accounted for under the equity method would be accounted for using the cost method, unless the investment had a readily determinable fair value, at which value it would then be reported.</div> 0.20Recent Accounting Pronouncements <div> </div> <div>
  In December 2023, the FASB issued ASU 2023-09, "Income Taxes (Topic 740): Improvements to Income Tax Disclosures", to enhance the transparency and decision usefulness of income tax disclosures. The amendments in this Update related to the rate reconciliation and income taxes paid disclosures to improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. The amendments allow investors to better assess, in their capital allocation decisions, how an entity's worldwide operations and related tax risks and tax planning and operational opportunities affect its income tax rate and prospects for future cash flows. The guidance in this Update will be effective for Photronics in its fiscal year 2026 Form 10-K, with early application of the amendments allowed. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.

  In November 2023, the FASB issued ASU 2023-07, "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures", which improves reportable segment disclosure requirements, primarily through enhanced disclosures about significant segment expenses. The guidance in this Update is effective for Photronics in its fiscal year 2025 Form 10-K, with early adoption permitted. The Company is currently evaluating the effect the adoption of this ASU may have on the Company's disclosures.
  </div> <div style="display:none;">
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</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
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</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">The components of Accounts Receivable at the balance sheet dates are presented below.</div> <div style="display:none;">
</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
 </div> <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: middle; font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-weight: bold; font-family: 'Times New Roman';">October 31, </div> <div style="text-align: center; font-weight: bold; font-family: 'Times New Roman';">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-weight: bold; font-family: 'Times New Roman';">October 31, </div> <div style="text-align: center; font-weight: bold; font-family: 'Times New Roman';">2023</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman';">Accounts Receivable</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 172,741 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman';">171,433</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> <div style="font-family: 'Times New Roman';">Unbilled Receivable</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman';">29,215</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman';">24,593</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman';">Allowance for Credit Losses</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman';">(1,126</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman';">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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text-align: right; width: 9%; border-bottom: 4px

double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> 200,830 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman';">194,927</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div style="display:none;">
</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">The components of Accounts Receivable at the balance sheet dates are presented below.</div> <div style="display:none;">
</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
</div> <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: middle; font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-weight: bold; font-family: 'Times New Roman';"> October 31, </div> <div style="text-align: center; font-weight: bold; font-family: 'Times New Roman';">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 172,741 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman';">171,433</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> <div style="font-family: 'Times New Roman';">Unbilled Receivable</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman';">29,215</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman';">24,593</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman';">Allowance for Credit Losses</div> </td> <td colspan="1" style="text-align: right; 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1727410001714330002921500024593000112600010990002008300001949270 00 NOTE 3 - OTHER CURRENT ASSETS

 Presented below are the components of Other current assets at the balance sheet dates.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; width: 100%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Contract assets </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">11,532</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 10,984 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Prepaid expenses </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 5,770 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 10,031 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Recoverable value added taxes </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,684 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,312 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Prepaid and refundable income taxes </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,875 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 2,489 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Other⁽¹⁾
  </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 11,175 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 2,537 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;"

valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">33,036</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 28,353 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
   <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr style="vertical-align: top;"> <td style="text-align: right; vertical-align: top; width: 18pt; font-size: 10pt;"> ⁽¹⁾ </td> <td style="text-align: left; vertical-align: top; width: auto; font-size: 10pt;"> The Company expects to receive refundable federal investment tax credits of $5 million through CHIPS Act in connection with the Company's ongoing expansion projects.</div> </td> </tr> </table> <div>
 </div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">Presented below are the components of Other current assets at the balance sheet dates.</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; width: 100%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; 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width: 9%; background-color: #CCEEFF;" valign="bottom"> 11,532 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">10,984</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Prepaid expenses</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">5,770</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">10,031</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Recoverable value added taxes</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,684</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,312</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Prepaid and refundable income taxes</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,875</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,489</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Other⁽¹⁾
 </div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">11,175</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,537</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 33,036 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 28,353 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
   <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr style="vertical-align: top;"> <td style="text-align: right; vertical-align: top; width: 18pt; font-size: 10pt;"> ⁽¹⁾ </td> <td style="text-align: left; vertical-align: top; width: auto; font-size: 10pt;"> The Company expects to receive refundable federal investment tax credits of $5 million through CHIPS Act in connection with the Company's ongoing expansion projects. </td> </tr> </table>
1153200010984000577000010031000268400023122000187500024890001175000253700033036000283530005000000 NOTE 4 - INVENTORIES
  The components of Inventories at the balance sheet dates are presented below.
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: middle; padding-bottom: 2px;" valign="bottom">   </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Raw materials </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">56,128</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 48,948 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Work in process </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 398 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,010 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Finished goods </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom:

#000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> 5 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px;" valign="bottom">   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">56,527</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> 49,963 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> The components of Inventories at the balance sheet dates are presented below.
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width: 76%; background-color: #CCEEFF;" valign="bottom"> Raw materials </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">56,128</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 48,948 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Work in process </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 398 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,010 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Finished goods </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> 5 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px;" valign="bottom">   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">56,527</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> 49,963 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 56128000489480003980001010000100050005652700049963000 NOTE 5 - PROPERTY, PLANT AND EQUIPMENT, NET

 Presented below are the components of Property, plant and equipment, net at the balance sheet dates.
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width: 76%; background-color: #CCEEFF;" valign="bottom"> Land </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">11,419</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 11,378 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Buildings and improvements </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 188,756 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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 Information on ROU assets resulting from finance leases, at the balance sheet dates, is presented below.
  <table cellpadding="0" cellspacing="0" class="cfttable" style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom">Machinery and equipment </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">42,815</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 42,820 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Accumulated amortization </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (10,522 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (7,655 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">32,293</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 35,165 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 The following table presents depreciation expense (including the amortization of ROU assets) related to property, plant and equipment incurred during the reporting periods.

   <table cellpadding="0" cellspacing="0" class="cfttable" style="width: 100%;"> <tr> <td style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; padding-bottom: 2px;" valign="bottom">
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> Years Ended </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: #CCEEFF;" valign="bottom"> Depreciation and amortization expense </td> <td colspan="1" style="font-size: 10pt; text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="font-size: 10pt; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" style="font-size: 10pt; text-align: right; vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">82,433</td> <td colspan="1" style="font-size: 10pt; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"><span style="font-size: 10pt;">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">80,472</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">79,971</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
 Presented below are the components of Property, plant and equipment, net at the balance sheet dates.
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style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; 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width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 185,850 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Machinery and equipment </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 1,990,610 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; 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vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 18,894 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Furniture, fixtures, and office equipment </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 18,091 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 15,856 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Construction in progress </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 91,213 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 55,434 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,319,357 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,209,453 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Accumulated depreciation and amortization </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (1,574,100 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (1,500,209 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">745,257</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; 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 Information on ROU assets resulting from finance leases, at the balance sheet dates, is presented below.
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  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Machinery and equipment </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">42,815</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 42,820 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Accumulated amortization </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-

bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (10,522 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (7,655 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">32,293</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 35,165 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 428150004282000010522000765500032293000035165000
 The following table presents depreciation expense (including the amortization of ROU assets) related to property, plant and equipment incurred during the reporting periods.

   <table cellpadding="0" cellspacing="0" class="cfttable" style="width: 100%;"> <tr> <td style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; padding-bottom: 2px;" valign="bottom">
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> Years Ended </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: #CCEEFF;" valign="bottom"> Depreciation and amortization expense </td> <td colspan="1" style="font-size: 10pt; text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="font-size: 10pt; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" style="font-size: 10pt; vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">82,433</td> <td colspan="1" style="font-size: 10pt; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"><span style="font-size: 10pt;">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">80,472</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">79,971</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 824330008047200079971000   NOTE 6 - PDMCX JOINT VENTURE

 In January 2018, Photronics<span style="color: rgb(0, 0, 0); font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">, Inc., through its wholly owned Photronics Singapore PTE. LTD. subsidiary (hereinafter, within this Note “we”, “Photronics”, “us”, or “our”), and DNP, through its wholly owned subsidiary “DNP Asia Pacific PTE, Ltd.”, entered into a joint venture under which DNP obtained a 49.99% interest in the<span style="color: rgb(0, 0, 0); font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> Company’s IC business in Xiamen, China. The joint venture, which the Company refers to as “PDMCX”, was established to develop and manufacture photomasks for semiconductors. The Company entered into this joint venture to enable the Company to compete more effectively for the merchant photomask business in China, and to benefit from the additional resources and investment that DNP provides to enable the Company to offer advanced-process technology to our customers.

 In 2020, in combination with local financing obtained by PDMCX, Photronics and DNP fulfilled their investment obligations under the PDMCX operating agreement (“the Agreement”). As discussed in Note 8, liens were granted to the local financing entity on property, plant, and equipment and were paid-off during fiscal year 2023 and there was no remaining debt at October 31, 2023.

 Under the Agreement, should either <span style="color: rgb(0, 0, 0); font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">Photronics’ or DNP’s ownership interest fall below 20.0% for a period of more than six consecutive months, such party (an “exiting party”) has the option to sell to the other party, and the other party has the option to purchase from such exiting party, the exiting party’s remaining ownership interest. In either case, the sales of ownership interests would be at the exiting party’s ownership percentage of the joint venture’s net book value, with closing to take place within three business days of obtaining required approvals and clearance.

 The following table presents net income the Company recorded from the operations of PDMCX during the reporting periods.
   <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Years Ended </td> <td colspan="1" rowspan="1" style="font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: bold; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="font-weight: bold; text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: bold; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: 2px; white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="font-weight: bold; text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: bold; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="font-weight: bold; text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; width: 64%; background-color: #CCEEFF;"

valign="bottom"> Net income from PDMCX </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">20,074</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 25,098 </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">16,714</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">As required by the guidance in ASC Topic 810 - “Consolidation”, the Company evaluated the Company’s involvement in PDMCX for the purpose of determining whether the Company should consolidate its results in the Company’s financial statements. The initial step of the Company’s evaluation was to determine whether PDMCX was a VIE. Due to its lack of sufficient equity at risk to finance its activities without additional subordinated financial support, the Company determined that it is a VIE. Having made this determination, the Company then assessed whether the Company was the primary beneficiary of the VIE, and concluded that the Company was the primary beneficiary during the current and prior years reporting periods; thus, as required, the PDMCX financial results have been consolidated with Photronics. The Company’s conclusion was based on the fact that the Company held a controlling financial interest in PDMCX (which resulted from the Company’s having the power to direct the activities that most significantly impacted its economic performance) and had both the obligation to absorb losses and the right to receive benefits that could potentially be significant to PDMCX. The Company’s conclusion that the Company had the power to direct the activities that most significantly affected the economic performance of PDMCX during the current and prior year periods were based on the Company’s right to appoint the majority of its Board of Directors, which has, among others, the powers to manage the business (through its rights to appoint and evaluate PDMCX’s management), incur indebtedness, enter into agreements and commitments, and acquire and dispose of PDMCX’s assets. In addition, as a result of the 50.01% variable interest the Company held during the current and prior year periods, the Company had the obligation to absorb losses, and the right to receive benefits, that could potentially be significant to PDMCX.</div> <div>   </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">
 </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">The following table presents the carrying amounts of PDMCX assets and liabilities included in the Company’s consolidated balance sheets. General creditors of PDMCX do not have recourse to the assets of Photronics (other than the net assets of PDMCX); therefore, the Company’s maximum exposure to loss from PDMCX is the Company’s interest in the carrying amount of the net assets of the joint venture.</div> <div> </div> <div>
  </div> <div> </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; width: 100%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom">
 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="6" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;"> 2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="6" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; 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font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Carrying</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Amount</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Photronics</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Interest</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Photronics</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Interest</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 52%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Current assets</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 174,059 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">87,047</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 135,960 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 67,994 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 52%; padding-bottom: 2px;" valign="bottom"> Noncurrent assets </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 151,039 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 75,535 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 136,334 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; 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padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Total assets </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 325,098 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); 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border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 136,175 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 52%;" valign="bottom"> Current liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 40,691 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 18,156 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 52%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Noncurrent liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 3,320 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 1,660 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 1,873 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; 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width: 52%; padding-bottom: 2px;" valign="bottom"> Total liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 44,011 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 22,010 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 38,178 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; 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font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">281,087</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 140,572 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">234,116</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 117,082 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 0.499900.20
 The following table presents net income the Company recorded from the operations of PDMCX during the reporting periods.
   <table cellpadding="0" cellspacing="0" class="efttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-

variant: normal; text-transform: none; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Years Ended </td> <td colspan="1" rowspan="1" style="font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: bold; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="font-weight: bold; text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: bold; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="font-weight: bold; text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: bold; 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background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">20,074</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; 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font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">16,714</div> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div> </div> 2007400025098000167140000 <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">As required by the guidance in ASC Topic 810 - "Consolidation", the Company evaluated the Company's involvement in PDMCX for the purpose of determining whether the Company should consolidate its results in the Company's financial statements. The initial step of the Company's evaluation was to determine whether PDMCX was a VIE. Due to its lack of sufficient equity at risk to finance its activities without additional subordinated financial support, the Company determined that it is a VIE. Having made this determination, the Company then assessed whether the Company was the primary beneficiary of the VIE, and concluded that the Company was the primary beneficiary during the current and prior years reporting periods; thus, as required, the PDMCX financial results have been consolidated with Photronics. The Company's conclusion was based on the fact that the Company held a controlling financial interest in PDMCX (which resulted from the Company's having the power to direct the activities that most significantly impacted its economic performance) and had both the obligation to absorb losses and the right to receive benefits that could potentially be significant to PDMCX. The Company's conclusion that the Company had the power to direct the activities that most significantly affected the economic performance of PDMCX during the current and prior year periods were based on the Company's right to appoint the majority of its Board of Directors, which has, among others, the powers to manage the business (through its rights to appoint and evaluate PDMCX's management), incur indebtedness, enter into agreements and commitments, and acquire and dispose of PDMCX's assets. In addition, as a result of the 50.01% variable interest the Company held during the current and prior year periods, the Company had the obligation to absorb losses, and the right to receive benefits, that could potentially be significant to PDMCX.</div> 0.5001 <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">The following table presents the carrying amounts of PDMCX assets and liabilities included in the Company's consolidated balance sheets. General creditors of PDMCX do not have recourse to the assets of Photronics (other than the net assets of PDMCX); therefore, the Company's maximum exposure to loss from PDMCX is the Company's interest in the carrying amount of the net assets of the joint venture.</div> <div> </div> <div>
  </div> <div> </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; width: 100%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom">
 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="6" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;"> 2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="6" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;"> 2023</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Classification</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Carrying</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Amount</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Photronics</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Interest</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 174,059 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">87,047</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 135,960 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 67,994 </td> <td colspan="1"

style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 52%; padding-bottom: 2px;" valign="bottom"> Noncurrent assets </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 151,039 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 136,334 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 68,181 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; 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border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 136,175 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 52%;" valign="bottom"> Current liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 40,691 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 18,156 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 52%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Noncurrent liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 1,660 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 1,873 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; 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width: 52%; padding-bottom: 2px;" valign="bottom"> Total liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 44,011 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 22,010 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 38,178 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; 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font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">281,087</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; 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New Roman'; font-size: 10pt;">140,572 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">234,116</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 117,082 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
1740590008704700013596000067994000151039000755350001363340006818100032509800016258200027229400013617500040691000203500003630500018156000332000(
NOTE 7 - ACCRUED LIABILITIES

 <div style="text-indent: 18pt; text-align: left; background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">Presented below are the components of Accrued liabilities at the balance sheet dates.

  <table border="0" cellpadding="0" cellspacing="0" class="cfttable"
style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;"
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<td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 94,578 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
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 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">9,439</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">7,332</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px;" valign="bottom"> Accrued liabilities </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">87,122</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 94,578 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
311880003721800024200000240800001237500099650002837000352300026700006624000192500019120001040000131100014480002613000943900073320008712200094572
NOTE 8 - DEBT

 As of October 31, 2024, the Current portion of long-term debt and the Long-term debt balances were comprised of finance leases as described below:

   <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); text-align: center; width: 85%; white-space: nowrap;" valign="bottom"> As of October 31, 2024 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 2%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Finance Leases </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%;" valign="bottom"> Principal due; </td> <td colspan="1" style="vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0);

font-family: 'Times New Roman'; font-size: 10pt;">Next 12 months </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">17,972</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%;" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Months 13 - 24</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> Months 25 - 36 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> Months 37 - 48 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> Months 49 - 60 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 2px;" valign="bottom"> Long-term debt </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 25 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> Total debt </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">17,997</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 4px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%;" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Interest rate at balance sheet date</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">N/A</div> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%;" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Basis spread on interest rates</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">N/A</div> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Interest rate reset</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; 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vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Periodic payment amount</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: center; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> Varies as Lease matures
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%;" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Periodic payment frequency</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: center; width: 9%;" valign="bottom">Monthly
</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Loan collateral (carrying amount)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 32,293 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">⁽¹⁾
 </td> </tr> </table>
  <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%; text-align: left; color: #000000;"> <tr> <td style="width: 18pt;"> </td> <td style="width: 18pt; vertical-align: top; text-align: right;"> ⁽¹⁾ </td> <td style="width: auto; vertical-align: top;"> Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests. </td> </tr> </table>

 The table below provides information on the Company's long-term debt as of October 31, 2023.
   <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 85%; white-space: nowrap;" valign="bottom"> As of October 31, 2023 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 2%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Finance Leases </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> Principal due: </td> <td colspan="1" style="vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> Next 12 months </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">6,621</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Months 13 – 24</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 17,972 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> Months 25 – 36 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> Months 37 – 48 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 13 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;

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width: 85%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> Long-term debt </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 17,998 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> Total debt </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">24,619</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; 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vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">N/A</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Interest rate reset</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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font-size: 10pt;">Periodic payment frequency</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: center; width: 9%;" valign="bottom">Monthly</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Loan collateral (carrying amount)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">35,165</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">⁽¹⁾
 </td> </tr> </table>
   <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="width: 100%; font-family: 'Times New Roman'; font-size: 10pt;"> <tr style="vertical-align: top;"> <td style="width: 27pt;"> </td> <td style="vertical-align: top; width: 18pt;"> ⁽¹⁾ </td> <td style="vertical-align: top;"> Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests.
  </td> </tr> </table>
  Finance Leases

 In February 2021, the Company entered into a five-year $7.2 million finance lease for a high-end inspection tool. Monthly payments on the lease, which commenced in February 2021, are $0.1 million per month. Upon the payment of the fiftieth monthly payment and prior to payment of the fifty-first monthly payment, the Company may exercise an early buyout option to purchase the tool for $2.4 million. After the original term or any renewal periods, the Company may return the tool, elect to extend the lease, or purchase the tool at its fair market value. Management has determined that the Company will exercise its early buyout option during the first half of 2025.

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">In December 2020, the Company entered into <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">a five-year $35.5 million finance lease for a high-end lithography tool. Monthly payments on the lease, which commenced in January 2021, increased from $0.04 million during the first three months to $0.6 million for the following nine months, followed by forty-eight monthly payments of $<span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">0.5 million. As of the due date of the forty-eighth monthly payment, the Company may exercise an early buyout option to purchase the tool for $<span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">14.1 million. At the Company's option, after the original term, the Company may return the tool, elect to extend the lease term for a period and a lease payment to be agreed with lessor at the time, or purchase the tool for its then-fair market value, as determined by the lessor. The lease agreement incorporates the covenants included in the Company's Credit Agreement, as defined below (expired in September 2023), which are detailed below, and includes a cross-default provision for any agreement or instrument with an outstanding, committed balance greater than $<span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">5.0 million in which the Company is the indebted party. Management has determined that the Company will exercise its early buyout option during the first half of 2025.
 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

 Xiamen Project Loans

 In November 2018, PDMCX obtained approval to borrow RMB 345.0 million from the Industrial and Commercial Bank of China. From November 2018 through July 2020, PDMCX entered into separate loan agreements (the "Project Loans") for the entire approved amount. In February 2023, PDMCX repaid the entire outstanding balance of RMB 26.4 million ($3.9 million). As of October 31, 2024, PDMCX had no amount outstanding and the amounts may not be re-borrowed. The Project Loans were used to finance certain capital expenditures at the PDMCX facility and were collateralized by liens granted on the land use right, building, and certain equipment located at the facility. The interest rates on the Project Loans were variable (based on the RMB Loan Prime Rate of the National Interbank Funding Center), and interest incurred on the loans was eligible for reimbursement through incentives provided by the Xiamen Torch Hi-Tech Industrial Development Zone, which provided for such reimbursements up to a prescribed limit and duration. The Project Loans were subject to covenants and provisions, certain of which related to the assets pledged as security for the loans, all of which the Company were in compliance with at the time of repayment.

     Xiamen Working Capital Loans

 In November 2018, PDMCX obtained approval for revolving, unsecured credit of RMB 200 million ($25 million), pursuant to which PDMCX may enter into separate loan agreements with varying terms to maturity. In December 2022, the Company repaid the Company's entire outstanding balance of RMB 25.6 million ($3.6 million). The interest rates are variable, based on the RMB Loan Prime Rate of the National Interbank Funding Center. Interest incurred on the loans related to the amount borrowed was eligible for reimbursement through incentives provided by the Xiamen Torch Hi-Tech Industrial Development Zone, which provided for such reimbursements up to a prescribed limit and duration. This facility is subject to annual reviews and extensions. In August 2024, the Company was issued an extension to the revolving, unsecured credit agreement for RMB 200 million (approximately $28.1 million) with an expiration date of July 31, 2025. As of October 31, 2024, PDMCX had no outstanding borrowings against the approval.

  Corporate Credit Agreement

 In September 2018, the Company entered into a five-year amended and restated credit agreement (the "Credit Agreement"), which had a $50 million borrowing limit, with an expansion capacity to $100 million. The Credit Agreement was secured by substantially all of the Company's assets located in the United States and common stock the Company owns in certain subsidiaries. The Credit Agreement was subject to covenants around

*minimum interest coverage ratio, total leverage ratio, and minimum unrestricted cash balance (all of which the Company were in compliance with at the termination of the agreement in September 2023), and limited the amount of cash dividends, distributions, and redemptions the Company could pay on the Company's common stock to an aggregate annual amount of $50 million. The Credit Agreement expired and was not renewed as of October 31, 2023. There were no outstanding borrowings against the Credit Agreement at its expiration.

      Interest Paid for Debt

 Interest payments were $0.3 million in 2024, $0.5 million in 2023, and $2.8 million in 2022. The weighted-average interest rate on the Company's current portion of long-term debt for the periods ended October 31, 2024 and October 31, 2023 was 1.5% and 1.5%, respectively.</div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">As of October 31, 2024, the Current portion of long-term debt and the Long-term debt balances were comprised of finance leases as described below:
 </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">
 </div> <div style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); text-align: center; width: 85%; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">As of October 31, 2024</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 2%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Finance</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; 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color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Long-term debt</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">25</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Total debt</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 17,997 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 4px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%;" valign="bottom">   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> Interest rate at balance sheet date </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> N/A </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%;" valign="bottom"> Basis spread on interest rates </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> N/A </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> Interest rate reset </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> N/A </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%;" valign="bottom"> Maturity date </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> N/A </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> Periodic payment amount </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: center; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> Varies as Lease matures
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%;" valign="bottom"> Periodic payment frequency </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: center; width: 9%;" valign="bottom"> Monthly
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255);" valign="bottom"> Loan collateral (carrying amount) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 32,293 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">⁽¹⁾
 </td> </tr> </table>
  <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="font-family: 'Times New Roman'; font-size: 10pt; width: 100%; text-align: left; color: #000000;"> <tr> <td style="width: 18pt;"> </td> <td style="width: 18pt; vertical-align: top; text-align: right;"> ⁽¹⁾ </td> <td style="width: auto; vertical-align: top;"> Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests. </td> </tr> </table>

 The table below provides information on the Company's long-term debt as of October 31, 2023.
   <table*

border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 85%; white-space: nowrap;" valign="bottom"> As of October 31, 2023 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 2%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Finance Leases </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> Principal due: </td> <td colspan="1" style="vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> Next 12 months </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">6,621</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Months 13 – 24</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 17,972 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> Months 25 – 36 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> Months 37 – 48 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 13 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> Months 49 – 60 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">1</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> Long-term debt </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 17,998 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> Total debt </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">24,619</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Basis spread on interest rates</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">N/A</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Interest rate reset</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">N/A</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Maturity date</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">N/A</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Periodic payment amount</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: center; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">Varies as Lease matures</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 85%; white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Periodic payment frequency</div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: center; width: 9%;" valign="bottom">Monthly</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 2%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 85%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Loan collateral (carrying amount)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255);" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">35,165</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 2%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">⁽¹⁾
 </td> </tr> </table>
   <table cellpadding="0" cellspacing="0" class="DSPFListTable" style="width: 100%; font-family: 'Times New Roman'; font-size: 10pt;"> <tr style="vertical-align: top;"> <td style="width: 27pt;"> </td> <td style="vertical-align: top; width: 18pt;"> ⁽¹⁾ </td> <td style="vertical-align: top;"> Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests.
  </td> </tr> </table> 1797200012000120001000025000179970000Varies as Lease maturesMonthly32293000662100017972000120001300010001799800024619000Varies as Lease maturesMonthly35165000P5Y7200000100000240000P5Y3550000040000.006000000500000141000005000000345000000264000003900000020000000025000000256000003607-310P5Y5000000010000000050000000030000050000028000000.0150.015 NOTE 9 - OTHER LIABILITIES

 Presented below are the components of Other liabilities at the balance sheet dates.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; text-align: left; color: #000000; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Unrecognized tax benefit </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman', Times, serif; font-size: 10pt;">14,720</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman', Times, serif; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 8,908 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Post employment benefit </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;

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1472000008908000129930001199400089100001245400043100006622000303700042180003494000319500047464000047391000 NOTE 10 - REVENUE

 The following tables present the Company's revenue for the years ended October 31, 2024, October 31, 2023, and October 31, 2022, disaggregated by product type, geographic origin, and timing of recognition.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> Revenue by Product Type </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="border-bottom: 2px solid #000000; vertical-align: top; white-space: nowrap;"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="border-bottom: 2px solid #000000; vertical-align: top; white-space: nowrap;"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="border-bottom: 2px solid #000000; vertical-align: bottom; white-space: nowrap; text-align: center;"> October 31, 2022 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> IC </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">228,469</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 194,939 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; 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text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">409,682</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">456,340</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom">397,694</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 25.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Total IC</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 638,151 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">651,279</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">593,026</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> FPD </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">195,365</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 200,842 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">186,988</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Mainstream </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-

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 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">231,523</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">866,946</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 892,076 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">824,549</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">Year Ended</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> <div style="text-indent: -7.2pt; margin-left: 7.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Revenue by Geographic Origin*</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div> October 31, </div> <div>2024</div> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div> October 31, </div> <div>2023</div> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: center; vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div> October 31, </div> <div>2022</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 7.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Taiwan</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 288,275 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">316,889</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">291,342</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%;" valign="bottom">China
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">232,941</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">245,378</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; 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text-align: right; width: 9%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">156,139</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> United States </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 146,652 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 128,879 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">126,205</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Europe </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 39,244 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 36,579 </td> <td colspan="1" style="text-align: left;

vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">36,402</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> Other </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 1,817 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 2,116 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">1,863</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">866,946</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> 892,076 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">824,549</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div>
 </div> <div>* This table disaggregates revenue by the location in which it was earned. </div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">Year Ended
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> <div style="text-indent: -7.2pt; margin-left: 7.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Revenue by Timing of Recognition</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center;">October 31, </div> <div style="text-align: center;">2024</div> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center;">October 31, </div> <div style="text-align: center;">2023</div> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center;">October 31, </div> <div style="text-align: center;">2022</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; 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vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> At a point in time </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 35,446 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 53,448 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">66,190</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom">   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">866,946</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); 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  Contract Assets and Contract Liabilities

  The following table provides information about the Company's contract balances at the balance sheet dates.   <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> Classification </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31,
 2024 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle;" valign="bottom"> Contract Assets </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td

style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> Other current assets </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman';">11,532</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); 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text-align: right; width: 9%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Contract Liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Accrued liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman';">12,375</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 9,965 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> Other liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> 8,910 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> 12,454 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman';">21,285</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> 22,419 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
 The following table presents revenue recognized from contract liabilities that existed at the beginning of the reporting periods.
   <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: middle; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> Revenue recognized from beginning liability </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman';">12,222</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 13,966 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 8,934 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 <div style="background-color: #FFFFFF; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-indent: 18pt; text-transform: none;">The Company's invoice terms generally range from net thirty to ninety days, depending on both the geographic market in which the transaction occurs and the Company's payment agreements with specific customers. In the event that the Company's evaluation of a customer's business prospects and financial condition indicate that the customer presents a collectability risk, the Company will modify terms of sale, which may require payment in advance of performance. At the time of adoption, the Company elected the practical expedient allowed under ASC Topic 606 "Revenue from Contracts with Customers" ("Topic 606") that permits the Company not to adjust a contract's promised amount of consideration to reflect a financing component when the period between when the Company transfers control of goods or services to customers and when the Company is paid is one year or less. <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">   <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
   <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
 <span style="background-color: rgb(255, 255, 255); color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-transform: none;">In instances when the Company is paid in advance of the Company's performance, the Company records a contract liability and, as allowed under the practical expedient in Topic 606, recognize interest expense only if the period between when the Company receives payment from the customer and the date when the Company expects to be entitled to the payment is greater than one year. Historically, advance payments the Company has received from customers have generally not preceded the completion of the Company's performance obligations by more than one year.
  The following tables present the Company's revenue for the years ended October 31, 2024, October 31, 2023, and October 31, 2022, disaggregated by product type, geographic origin, and timing of recognition.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> <div style="text-indent: -7.2pt; margin-

left: 7.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Revenue by Product Type </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="border-bottom: 2px solid #000000; vertical-align: top; white-space: nowrap;"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="border-bottom: 2px solid #000000; vertical-align: top; white-space: nowrap;"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="border-bottom: 2px solid #000000; vertical-align: bottom; white-space: nowrap; text-align: center;">   October 31, 2022 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> IC </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> High-end </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">228,469</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 194,939 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">195,332</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 16.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Mainstream</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">409,682</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">456,340</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom">397,694</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 25.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Total IC</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 638,151 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">651,279</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">593,026</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> FPD </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> High-end </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">195,365</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 200,842 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">186,988</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 16.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Mainstream</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">33,430</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">39,955</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">44,535</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 25.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Total FPD</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 228,795 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New

Roman'; font-size: 10pt;">$</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">240,797</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">231,523</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">866,946</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 892,076 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">824,549</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">Year Ended</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> <div style="text-indent: -7.2pt; margin-left: 7.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Revenue by Geographic Origin*</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div> October 31, </div> <div>2024</div> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div> October 31, </div> <div>2023</div> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: center; vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div> October 31, </div> <div>2022</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 7.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Taiwan</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 288,275 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">316,889</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">291,342</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%;" valign="bottom">China
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">232,941</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">245,378</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">212,598</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> Korea </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 158,017 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 162,235 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom">156,139</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> United States </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 146,652 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 128,879 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">126,205</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Europe </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 39,244 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 36,579 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; 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vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 2,116 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">1,863</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1"

style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 866,946 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">892,076</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">824,549</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
  <span style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 30px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; display: inline !important; float: none;">* This table disaggregates revenue by the location in which it was earned.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="margin: 0px auto 0px 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">Year Ended
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> Revenue by Timing of Recognition </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: bold; text-align: center; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: center; vertical-align: bottom; font-weight: bold; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Over time </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">831,500</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 838,628 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">758,359</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; text-indent: -7.2pt; margin-left: 7.2pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">At a point in time</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">35,446</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">53,448</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom">66,190</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> <div> </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 866,946 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">892,076</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom">824,549</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">   </td> </tr> </table>
228469000194939000195332000409682000456340000397694000638151000651279000593026000195365000200842000186988000334300003995500044535000228795000240

  The following table provides information about the Company's contract balances at the balance sheet dates.   <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; text-align: left; white-space: nowrap;"> Classification </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31,
 2024 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle;" valign="bottom"> Contract Assets </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> Other current assets </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman';">11,532</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 10,984 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Contract Liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204,

238, 255); font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Accrued liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman';">12,375</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 9,965 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> Other liabilities </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> 8,910 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> 12,454 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px; font-family: 'Times New Roman';" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman';">21,285</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> 22,419 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
 The following table presents revenue recognized from contract liabilities that existed at the beginning of the reporting periods.
   <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: middle; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> Revenue recognized from beginning liability </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman';">12,222</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman';">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 13,966 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 8,934 </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
115320001098400012375000996500089100001245400021285000224190001222200013966000893400 0

 <div style="background-color: #FFFFFF; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-indent: 18pt; text-transform: none;">The Company's invoice terms generally range from net thirty to ninety days, depending on both the geographic market in which the transaction occurs and the Company's payment agreements with specific customers. In the event that the Company's evaluation of a customer's business prospects and financial condition indicate that the customer presents a collectability risk, the Company will modify terms of sale, which may require payment in advance of performance. At the time of adoption, the Company elected the practical expedient allowed under ASC Topic 606 "Revenue from Contracts with Customers" ("Topic 606") that permits the Company not to adjust a contract's promised amount of consideration to reflect a financing component when the period between when the Company transfers control of goods or services to customers and when the Company is paid is one year or less. <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
   <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
 <span style="background-color: rgb(255, 255, 255); color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-transform: none;">In instances when the Company is paid in advance of the Company's performance, the Company records a contract liability and, as allowed under the practical expedient in Topic 606, recognize interest expense only if the period between when the Company receives payment from the customer and the date when the Company expects to be entitled to the payment is greater than one year. Historically, advance payments the Company has received from customers have generally not preceded the completion of the Company's performance obligations by more than one year.   P90D
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-weight: bold;">NOTE 11 - LEASES

 <div style="background-color: rgb(255, 255, 255); letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table provides information on operating and finance leases included in the Company's consolidated balance sheets.
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
 <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Classification </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle;" valign="bottom"> ROU Assets – Operating Leases </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Other assets

</td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">5,010</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 6,189 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> ROU Assets – Finance Leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Property, plant and equipment, net
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">32,293</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 35,165 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Lease Liabilities – Operating Leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Accrued liabilities
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,925</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 1,912 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Other liabilities
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 3,037 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 4,218 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">4,962</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 6,130 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Lease Liabilities – Finance Leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Current portion of long-term debt
   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">17,972</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 6,621 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Long-term debt
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 25 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 17,998 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align:

right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 17,997 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">24,619</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div style="display:none;">
</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
 </div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table presents future lease payments under noncancelable operating and finance leases as of October 31, 2024. Imputed interest represents the difference between undiscounted cash flows and discounted cash flows.</div> <div style="display:none;">
</div> <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none; width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Fiscal Year</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Operating </div> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Leases</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Finance </div> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Leases</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">2025
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,039 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 18,027 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> 2026
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,651 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 13 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> 2027
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 1,228 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 13 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> 2028
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 267 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> 2029 and thereafter
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 6 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Total lease payments </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">5,191</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">18,054</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Imputed interest</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">(229</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">(57</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Lease liabilities</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 4,962 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 17,997 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 <div style="background-color: rgb(255, 255, 255); letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table presents lease costs for 2024, 2023, and 2022.

 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, <div style="text-align: center; font-family: 'Times New

Roman'; font-size: 10pt; font-weight: bold;">2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Operating lease costs </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,255</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,278 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">2,253</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Short-term lease costs</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,273 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">462</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">469</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Variable lease costs </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">595</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 656 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">603</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Interest on finance lease
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 330 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">426</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">522</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Amortization of ROU assets </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,950</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,870 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">2,917</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
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 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
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   average discount rate
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="3" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Weighted- average remaining lease term (in years) </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="3" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Weighted- average discount rate </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 51%; background-color: rgb(204, 238, 255);" valign="bottom"> Operating leases </td> <td colspan="1" style="vertical-align: middle; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2.8 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3.2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3.7 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2.4 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> </tr> <tr> <td

style="vertical-align: middle; width: 51%;" valign="bottom"> Finance leases </td> <td colspan="1" style="vertical-align: middle; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 0.2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1.5 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1.2
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1.5 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> </tr> </table>
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  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Operating cash flows used for operating leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,241</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,271 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$
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width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 429 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">566</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Financing cash flows used for finance leases</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 6,621 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">6,521</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">7,289</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> ROU assets obtained in exchange for operating lease obligations </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">842</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 5,116 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">513</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
 <div style="background-color: rgb(255, 255, 255); letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table provides information on operating and finance leases included in the Company's consolidated balance sheets.
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Classification </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Other assets

  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">5,010</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 6,189 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> ROU Assets - Finance Leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Property, plant and equipment, net
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">32,293</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 35,165 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Lease Liabilities - Operating Leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Accrued liabilities
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,925</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 1,912 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Other liabilities
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 3,037 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 4,218 </td> <td colspan="1" style="text-align: left; 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vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 6,130 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">17,972</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 6,621 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Long-term debt
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 25 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 17,998 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align:

right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 17,997 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 24,619 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
501000061890003229300031650001925000191200030370004218000496200061300001797200066210002500017998000179970002469000
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table presents future lease payments under noncancelable operating and finance leases as of October 31, 2024. Imputed interest represents the difference between undiscounted cash flows and discounted cash flows.
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none; width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Fiscal Year </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Operating Leases </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Finance Leases </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> 2025
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,039</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">
 </div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">18,027</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">2026
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,651</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">13</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">2027
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,228</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">13</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">2028
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">267</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">2029 and thereafter
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">6</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Total lease payments</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 5,191 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 18,054 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Imputed interest </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (229 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (57 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Lease liabilities </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 4,962 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 17,997 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
203900018027000165100013000122800013000267000100060000519100018054000229000570004962000179970000
 <div style="background-color: rgb(255, 255, 255); letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table presents lease costs for 2024, 2023, and 2022.

 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td

colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Operating lease costs </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,255</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,278 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">2,253</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Short-term lease costs</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,273 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">462</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">469</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Variable lease costs </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">595</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 656 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">603</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Interest on finance lease
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 330 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">426</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">522</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Amortization of ROU assets </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,950</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,870 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">2,917</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 225500022780002253000127300046200046900059500065600060300033000042600052200029500002870002917000
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table presents statistical information related to the Company's operating and finance leases. The information presented is as of the balance sheet dates.
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none; width: 100%;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; width: 51%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="7" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="7" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 51%; white-space: nowrap;" valign="bottom"> Classification </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="3" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Weighted- average remaining lease term (in years) </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="3" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Weighted-
   average discount rate
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="3" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Weighted- average remaining lease term (in years) </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="3" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Weighted- average discount rate </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 51%; background-color: rgb(204, 238, 255);" valign="bottom"> Operating leases </td> <td colspan="1" style="vertical-align: middle; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2.8 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3.2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3.7 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2.4 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> </tr> <tr> <td style="vertical-align: middle; width: 51%;" valign="bottom"> Finance leases </td> <td colspan="1" style="vertical-align: middle; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;

text-align: right; width: 9%;" valign="bottom"> 0.2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1.5 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1.2
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1.5 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> </tr> </table> P2Y9M18D0.032P3Y8M12D0.024P0Y2M12D0.015P1Y2M12D0.015
 <div style="background-color: rgb(255, 255, 255); letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-weight: 400; text-align: left; text-indent: 18pt; text-transform: none;">The following table presents the effects of leases on the Company's 2024, 2023, and 2022 consolidated statements of cash flows, and provides leases-related non-cash information for those years.
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: bottom; text-align: left; padding-bottom: 2px; white-space: nowrap;">
  </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Operating cash flows used for operating leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,241</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; valign="bottom"> 2,271 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">2,259</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Operating cash flows used for finance leases </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">330</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 429 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">566</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Financing cash flows used for finance leases</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 6,621 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">6,521</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">7,289</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> ROU assets obtained in exchange for operating lease obligations </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">842</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 5,116 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">$</td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">513</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 22410002271000225900033000042900056600066210006521000728900084200051160005130 00 <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; background-color: rgb(255, 255, 255); font-style: normal; font-variant: normal; text-transform: none;">NOTE 12 - SHARE-BASED COMPENSATION <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; background-color: rgb(255, 255, 255); font-style: normal; font-variant: normal; text-transform: none;">

 In March 2016, shareholders approved the Company's current equity incentive compensation plan ("the Plan"), under which incentive stock options, non-qualified stock options, stock grants, stock-based awards, restricted stock, restricted stock units, stock appreciation rights, performance units, performance stock, and other stock or cash awards may be granted. Shares to be issued under the Plan may be authorized and unissued shares, issued shares that have been reacquired by the Company (in the open market or in private transactions), or a combination thereof. The maximum number of shares of common stock approved that may be issued under the Plan was four million shares. <span style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 24px; text-transform: none; word-spacing: 0px; white-space: normal; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;"> On March 16, 2023, at its annual meeting of shareholders, the shareholders of Photronics, Inc., approved amendments to the Plan to increase the number of shares available for issuance by an additional one million shares, thereby increasing the shares available for issuance under the Plan from four million to five million. Awards may be granted to officers, employees, directors, consultants, advisors, and independent contractors of Photronics or its subsidiaries. In the event of a change in control (as defined in the Plan) <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">or at the discretion of the compensation committee; the vesting of awards may be accelerated. The Plan, aspects of which are more fully described below, prohibits further awards from being issued under prior plans.

 The table below presents information on the Company's share-based compensation expenses for the three most recent fiscal years.
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid

2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> Expense reported in: </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64.02%; background-color: rgb(204, 238, 255);" valign="bottom">   Cost of goods sold </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,704</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> 1,259 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">868</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64.02%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt; font-style: italic;">   Selling, general, and administrative</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">10,124</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">5,962</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">4,803</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt; font-style: italic;">   Research and development</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,062</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">780</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">637</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64.02%; padding-bottom: 4px;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Total expense incurred</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 13,890 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">8,001</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 6,308 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; 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  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom">13,868</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom">7,909</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom">5,800</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%;" valign="bottom"> Stock options
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom">1</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width:

1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom">298</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> Employee stock purchase plan
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">22</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">91</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">210</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%; padding-bottom: 4px;" valign="bottom">Total expense incurred
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">13,890
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">8,001
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$
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 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> 1,156 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">715</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> 449 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
  <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">

 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">* During the year ended October 31, 2024, upon the departure of two executives from the Company and in accordance with the terms of their separation agreements, previously granted time-vesting restricted stock awards accelerated vesting. The Company accounted for the effects of the accelerated vesting of these stock awards as a modification, and recognized $1.2 million of incremental stock-based compensation for the acceleration of restricted stock awards, within selling, general and administrative expenses on the Consolidated Statements of Income for the year ended October 31, 2024.
 </div> <div style="display:none;">
</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
 </div> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Restricted Stock Awards
  </div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-align: left; text-indent: 18pt; text-transform: none;">We periodically grant restricted stock awards, the restrictions on which typically lapse over a service period of one to four years. The fair values of the awards are determined on the date of grant, based on the closing stock price of the Company's common stock. A summary of restricted stock award activity during 2024 and the status of the Company's restricted stock awards as of October 31, 2024, is presented below.</div> <div>   </div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: #000000 2px solid; white-space: nowrap;" valign="bottom"> <div style="text-align: center; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Restricted Stock</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Shares</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Weighted-Average</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Fair Value at</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Grant Date</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Outstanding at October 31, 2023</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">1,238,297</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 16.27 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Granted </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 865,050 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 29.50 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Vested </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> (550,069 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-

align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 17.74 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Cancelled </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> (129,676 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; padding-bottom: 2px;" valign="bottom"> 21.90 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> Outstanding at October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 1,423,602
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 23.23 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px;" valign="bottom"> Expected to vest as of October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 1,292,883 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 23.14 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-align: left; text-indent: 18pt; text-transform: none;">The table below presents additional information on the Company's restricted stock awards for the three most recent fiscal years. <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; width: 100%; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> Number of shares granted </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 865,050 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 791,925 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 654,224 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%;" valign="bottom"> Weighted-average grant-date fair value of awards (in dollars per share) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">29.50</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 16.84 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">18.73</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">Compensation costs not yet recognized
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">21,303</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">12,760</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">8,949</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; font-weight: normal;" valign="bottom">Weighted-average amortization period (in years)
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">2.8</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">2.8</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">2.7</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> Fair value of awards for which restrictions lapsed </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman';

font-size: 10pt; font-weight: normal;">$</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">9,755</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 6,256 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">5,212</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; font-weight: normal;" valign="bottom">Shares outstanding at balance sheet date
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">1,423,602</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">1,238,297
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; white-space: nowrap;" valign="bottom">893,704
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div> <br class="Apple-interchange-newline"/></div> <div style="color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: italic; font-variant: normal; font-weight: bold; text-align: left; text-transform: none;">Stock Options</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-align: left; text-indent: 18pt; text-transform: none;">Option awards generally vest in one to four years and have a ten-year contractual term. All incentive and non-qualified stock option grants must have an exercise price no less than the market value of the underlying common stock on the date of grant. The grant-date fair values of options are based on closing prices of the Company's common stock on the dates of grant and are calculated using the Black-Scholes option pricing model. Expected volatility is based on the historical volatility of the Company's common stock. The Company uses historical option exercise behavior and employee termination data to estimate expected term, which represents the period of time that options granted are expected to remain outstanding. The risk-free rate of return for the estimated term of an option is based on the U.S. Treasury yield curve in effect at the date of grant.</div> <div> </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-align: left; text-indent: 18pt; text-transform: none;">The table below presents a summary of stock options activity during 2024 and information on stock options outstanding at October 31, 2024.</div> <div> </div> <div>
  </div> <div> </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); margin-left: 0px; margin-right: auto; width: 100%;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; width: 55%; white-space: nowrap;" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">
 </div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Shares</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Weighted-Average</div>   <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Exercise Price</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); width: 9%; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Weighted-Average</div>   <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Remaining</div>   <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Contractual Life</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Aggregate</div>   <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold; font-style: normal; font-variant: normal; text-transform: none;">Intrinsic Value</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; 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width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> 10.18 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); 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font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">Granted </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; width: 9%;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; background-color: rgb(204, 238, 255); width: 55%;" valign="bottom"> <div style="text-align: left; 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font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> 9.86 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; 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padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; border-bottom: 2px solid rgb(0, 0, 0); width: 9%;" valign="bottom"> (3,000 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; padding-bottom: 2px; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">10.43</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; width: 9%;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; 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text-transform: none;">277,625</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 10.39 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 1.94 years </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">3,445</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 55%; padding-bottom: 4px;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">Exercisable at October 31, 2024</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">277,625</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 10.39 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 1.94 years </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">3,445</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 55%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">Expected to vest as of October 31, 2024</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; 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width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-align: left; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; text-indent: 18pt;">The table below presents additional information on stock option awards for the three most recent fiscal years.
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom">Number of options granted in period
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">-
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color:

#CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">-
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">-
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Total intrinsic value of options exercised </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,981</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,654 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">5,108</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Cash received from option exercises</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 1,888 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,101</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 5,275 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%;" valign="bottom">Compensation cost not yet recognized
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">13</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom">Weighted-average amortization period for cost not yet recognized (in years)
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">-
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 Employee Stock Purchase Plan

 The Company's Employee Stock Purchase Plan ("ESPP") permits employees to purchase Photronics, Inc. common shares at 85% of the lower of the closing market price at the commencement or ending date of the Plan year (which is approximately one year from the commencement date). The Company recognizes the ESPP expense over that same period. As of October 31, 2024, the maximum number of shares of common stock approved by the Company's shareholders to be purchased under the ESPP was 1.85 million shares, of which approximately 1.6 million shares had been issued through October 31, 2024. As of October 31, 2024, there is unrecognized compensation cost of $0.2 million. </div> 40000001000000400000005000000 <div style="display:none;">
</div> <div style="text-indent: 18pt;">The table below presents information on the Company's share-based compensation expenses for the three most recent fiscal years. </div> <div style="display:none;">
</div> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
 </div> <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Year Ended</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2024
 </div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2023
 </div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2022
 </div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Expense reported in:</div> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64.02%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt; font-style: italic;"> Cost of goods sold</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> 2,704 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,259</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> 868 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64.02%;" valign="bottom">   Selling, general, and administrative </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> 10,124 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;

text-align: right; width: 9.04%;" valign="bottom"> 5,962 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> 4,803 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom">   Research and development </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 1,062 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 780 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255); border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> 637 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64.02%; padding-bottom: 4px;" valign="bottom"> Total expense incurred </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">13,890</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 8,001 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">6,308</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%;" valign="bottom">Expense by award type:
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom">
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="margin-left: 9pt">Restricted stock awards *
 </div> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom">13,868</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom">7,909</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom">5,800</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%;" valign="bottom"> Stock options
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom">
</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom">1</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom">298</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> Employee stock purchase plan
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">22</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">91</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">210</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 2px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%; padding-bottom: 4px;" valign="bottom">Total expense incurred
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">13,890
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">8,001
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">6,308
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255);" valign="bottom">

valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64.02%;" valign="bottom"> Income tax benefits of share-based compensation
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,156</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> 715 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1.02%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9.04%;" valign="bottom"> 449 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1.02%; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
  <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">

 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">* During the year ended October 31, 2024, upon the departure of two executives from the Company and in accordance with the terms of their separation agreements, previously granted time-vesting restricted stock awards accelerated vesting. The Company accounted for the effects of the accelerated vesting of these stock awards as a modification, and recognized $1.2 million of incremental stock-based compensation for the acceleration of restricted stock awards, within selling, general and administrative expenses on the Consolidated Statements of Income for the year ended October 31, 2024.
27040001259000868000101240005962000480300010620007800006370001389000080010006308000138680007909000580000001000298000220009100021000013890000806
Restricted Stock Awards

     We periodically grant restricted stock awards, the restrictions on which typically lapse over a service period of one to four years. The fair values of the awards are determined on the date of grant, based on the closing stock price of the Company's common stock.P4YA summary of restricted stock award activity during 2024 and the status of the Company's restricted stock awards as of October 31, 2024, is presented below.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: #000000 2px solid; white-space: nowrap;" valign="bottom"> Restricted Stock </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Shares </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Weighted-Average Fair Value at Grant Date </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Outstanding at October 31, 2023 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 1,238,297 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 16.27 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%;" valign="bottom"> Granted </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 865,050 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 29.50 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Vested </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> (550,069 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 17.74 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 2px;" valign="bottom"> Cancelled </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> (129,676 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; padding-bottom: 2px;" valign="bottom"> 21.90 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> Outstanding at October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 1,423,602
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 23.23 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; padding-bottom: 4px;" valign="bottom"> Expected to vest as of October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 1,292,883 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 23.14 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 123829716.2786505029.555006917.7412967621.9142360223.23129288323.14
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-align: left; text-indent: 18pt; text-transform: none;">The table below presents additional information on the Company's restricted stock awards for the three most recent fiscal years. <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
 <div style="letter-spacing: normal; white-space: normal; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-

weight: 400; text-align: left; text-indent: 0px; text-transform: none;">
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="letter-spacing: normal; width: 100%; word-spacing: 0px; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-transform: none;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> Number of shares granted </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 865,050 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 791,925 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 654,224 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%;" valign="bottom"> Weighted-average grant-date fair value of awards (in dollars per share) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">29.50</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 16.84 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">18.73</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">Compensation costs not yet recognized
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">21,303</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">12,760</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom">8,949</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; font-weight: normal;" valign="bottom">Weighted-average amortization period (in years)
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">2.8</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">2.8</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">2.7</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> Fair value of awards for which restrictions lapsed </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">9,755</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 6,256 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-weight: normal;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 5,212 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; font-weight: normal;" valign="bottom">Shares outstanding at balance sheet date
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">1,423,602</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">1,238,297
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal;" valign="bottom">893,704
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 865050791925654224295.16.8418.732130300012760000894900OP2Y9M18DP2Y9M18DP2Y8M12D97550006256000521200014236021238297893704 Stock Options

 Option awards generally vest in one to four years and have a ten-year contractual term. All incentive and non-qualified stock option grants must have an exercise price no less than the market value of the underlying common stock on the date of grant. The grant-date fair values of options are based on closing prices of the Company's common stock on the dates of grant and are calculated using the Black-Scholes option pricing model. Expected volatility is based on the historical volatility of the Company's common stock. The Company uses historical option exercise behavior and employee termination data to estimate expected term, which represents the period of time that options granted are expected to remain outstanding. The risk-free rate of return for the estimated term of an option is based on the U.S. Treasury yield curve in effect at the date of grant. P4YP10Y
 The table below presents a summary of stock options activity during 2024 and information on stock options outstanding at October 31, 2024.
     <table border="0" cellpadding="0" cellspacing="0"

class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); margin-left: 0px; margin-right: auto; width: 100%;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; width: 55%; white-space: nowrap;" valign="bottom">
  </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Shares </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Weighted-Average   Exercise Price </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); width: 9%; white-space: nowrap;" valign="bottom"> Weighted-Average   Remaining   Contractual Life </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Aggregate   Intrinsic Value </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; background-color: rgb(204, 238, 255); width: 55%;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">Outstanding at October 31, 2023 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> 472,275 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">10.18</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; 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font-style: normal; font-variant: normal; text-transform: none;">Granted</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; width: 9%;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; 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width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">9.86</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); 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font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">Cancellations, forfeitures, and adjustments</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; border-bottom: 2px solid rgb(0, 0, 0); width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">(3,000</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; padding-bottom: 2px; width: 9%;" valign="bottom"> 10.43 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: middle; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; width: 9%;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="font-weight: normal; color: rgb(0, 0, 0); font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 55%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">Outstanding at October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 277,625 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">10.39</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">1.94 years</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 3,445 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 55%; padding-bottom: 4px;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal;

text-transform: none;">Exercisable at October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 277,625 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">10.39</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">1.94 years</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> 3,445 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 55%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">Expected to vest as of October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255); border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">- years</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: normal; font-style: normal; font-variant: normal; text-transform: none;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 47227510.18001916509.86300010.4327762510.39P1Y11M8D34450002776251O.39P1Y11M8D3445000000
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; text-align: left; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; text-indent: 18pt;">The table below presents additional information on stock option awards for the three most recent fiscal years.
 <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 13.3333px; font-style: normal; font-variant-ligatures: normal; font-variant-caps: normal; font-weight: 400; letter-spacing: normal; text-align: left; text-indent: 0px; text-transform: none; white-space: normal; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial;">
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; letter-spacing: normal; text-transform: none; word-spacing: 0px; background-color: rgb(255, 255, 255); text-decoration-style: initial; text-decoration-color: initial; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom">Number of options granted in period
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">-
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">-
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Total intrinsic value of options exercised </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">2,981</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,654 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">5,108</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Cash received from option exercises</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 1,888 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,101</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 5,275 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%;" valign="bottom">Compensation cost not yet recognized
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">13</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 64%; background-color: rgb(204, 238, 255);" valign="bottom">Weighted-average amortization period for cost not yet recognized (in years)
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color:

rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">-
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">0.2</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> </table> 0002981000165400051080001888000110100052750000013000P0Y2M12D Employee Stock Purchase Plan <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
   <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
 <span style="font-variant-ligatures: normal; font-variant-caps: normal; letter-spacing: normal; text-align: left; text-indent: 0px; word-spacing: 0px; white-space: normal; text-decoration-style: initial; text-decoration-color: initial; display: inline ! important; float: none;">The Company's Employee Stock Purchase Plan ("ESPP") permits employees to purchase Photronics, Inc. common shares at 85% of the lower of the closing market price at the commencement or ending date of the Plan year (which is approximately one year from the commencement date). The Company recognizes the ESPP expense over that same period. As of October 31, 2024, the maximum number of shares of common stock approved by the Company's shareholders to be purchased under the ESPP was 1.85 million shares, of which approximately 1.6 million shares had been issued through October 31, 2024. As of October 31, 2024, there is unrecognized compensation cost of $0.2 million. 0.85P1Y1850000160000020000 NOTE 13 - EMPLOYEE RETIREMENT PLANS

 We maintain a 401(k) Savings and Profit-Sharing Plan ("401(k) Plan") which covers all full and certain part-time U.S. employees who have completed three months of service and are 18 years of age or older. Under the terms of the 401(k) Plan, employees may contribute up to 50% of their salary, subject to certain maximum amounts, which will be matched by the Company at 100% of the employee's contributions that are up to 4% of the employee's compensation. Employee and employer contributions vest immediately upon contribution. The total employer contributions for all of the Company's defined contribution plans were $1.2 million, $0.8 million and $0.7 million in 2024, 2023, and 2022, respectively.</div> P3MP18Y0.5010.0412000008000007000000 <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">NOTE 14 - INCOME TAXES</div> <div>
 </div> <div style="display:none;">
</div> <div style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; text-indent: 18pt;">On December 15, 2022, the European Union (EU) Member States formally adopted the EU's Pillar Two Directive, which generally provides for a minimum effective tax rate of 15%, as established by the Organization for Economic Co-operation and Development (OECD) Pillar Two Framework. The EU effective dates are January 1, 2024, and January 1, 2025, for different aspects of the directive. A significant number of other countries are expected to also implement similar legislation with varying effective dates. The Company is currently not subject to Pillar Two but is continuously evaluating the potential impact of the Pillar Two Framework to ensure we are compliant in the future.
 </div> <div>
 </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Income before the income tax provisions consists of the following:</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Year Ended</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2024
 </div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2023
 </div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2022
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  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 20,145 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(1,737</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 1,813 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; padding-bottom: 2px;" valign="bottom"> Foreign </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 227,270 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 271,683 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 237,220 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $
 </div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">247,415</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 239,033 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

  Income Tax Provision

 The components of our income tax provisions are presented below.
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bold;">2022 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> Current: </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Federal </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> State </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 95 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 14 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Foreign </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 64,861 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 71,225 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; 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vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">71,239</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">58,982</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; 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vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Deferred: </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; 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vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 10 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Foreign </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (1,402 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (939 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 799 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td

rowspan="1" style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">(1,389</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">(927</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">809</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> Total </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">63,567</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 70,312 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">59,791</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div>
 </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">The table below presents a reconciliation of income taxes calculated by applying the statutory U.S. federal income tax rate to our income tax provisions of the reporting periods.</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Year Ended</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2023</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2022</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">U.S. federal income tax at statutory rate</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 51,957 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">56,689</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 50,197 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Changes in valuation allowance </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (1,986 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (256 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (1,462 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Foreign rate differential </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 10,695 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 11,394 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 7,941 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Tax credits </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (5,209 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (2,425 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (1,368 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Uncertain tax positions, including reserves, settlements and resolutions </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 6,226 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3,328 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3,214 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> Other, net </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-

bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 1,884 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 1,582 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 1,269 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom">Income tax provision
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 </div> <div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 18%; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Reporting</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;"> Period</div> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">U.S. Statutory</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;"> Tax Rates
 </div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Photronics </div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Effective Tax</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;"> Rates</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 40%; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Primary Reasons for Differences</div> </td> </tr> <tr> <td style="vertical-align: top; text-align: center; width: 18%; background-color: rgb(204, 238, 255);"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-indent: -9pt; margin-left: 9pt;">2024</div> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255);"> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255);"> </td> <td colspan="1" style="vertical-align: top; text-align: center; width: 18%; background-color: rgb(204, 238, 255);"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">21.0%</div> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">
 </div> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255);"> </td> <td colspan="1" style="vertical-align: top; text-align: center; width: 18%; background-color: rgb(204, 238, 255);">25.7%</td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;">
 </td> <td style="vertical-align: top; width: 40%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, the establishment of uncertain tax positions in non-U.S. jurisdiction and loss jurisdiction pre-tax losses not being benefited due to valuation allowances.
 </div> </td> </tr> <tr> <td style="vertical-align: top; width: 18%; text-align: center;"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2023</div> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%;"> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%;"> </td> <td colspan="1" style="vertical-align: top; text-align: center; width: 18%;"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">21.0%</div> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; white-space: nowrap;"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">
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 </div> </td> <td style="vertical-align: top; width: 40%; background-color: rgb(204, 238, 255);" valign="bottom"> <div>Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, and the establishment of uncertain tax positions in non-U.S. jurisdiction.
 </div> </td> </tr> </table> </div> <div>
</div> <div style="text-align: left; background-color: rgb(255, 255, 255); font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: italic; font-variant: normal; text-transform: none;">Deferred Income Tax Assets and Liabilities</div> <div style="text-align: left;">
 </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">The net deferred income tax assets consist of the following:</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="6" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">As of</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2023</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Deferred income tax assets</div> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Net operating losses</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 18,941 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 26,377 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Reserves not currently deductible </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 9,892 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 8,776 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Tax credit carryforwards </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1"

style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 12,550 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 10,442 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Share-based compensation </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 3,102 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,892 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Property, plant and equipment </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 10,710 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 9,844 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%;" valign="bottom"> Research intangibles
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">2,721</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Lease liabilities
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text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">5,743</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 62,032 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; 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vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 30,455 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Deferred income tax liabilities </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (7,351 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (8,193 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; text-indent: 9pt; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom">Other</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">(1,458</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; 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vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 21,062 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; 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text-align: right; width: 9%;" valign="bottom"> 21,297 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Other liabilities </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (469 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; 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 We have established a valuation allowance for a portion of our deferred tax assets because we believe, based on the weight of all available evidence, that it is more likely than not that a portion of our deferred tax assets will expire prior to utilization. In 2024 the valuation allowance decreased as a result of management's determination that tax benefits on deferred tax assets would more likely than not be realized and, therefore, decreased the valuation allowance to include these deferred tax assets.

 Due to the Tax Cuts and Jobs Act, which was signed into law in December 2017, as of fiscal year end 2018, U.S. deferred taxes were no longer provided on the undistributed earnings of non-U.S. subsidiaries. Our policy to indefinitely reinvest these earnings in non-U.S. operations remains unchanged for the purpose of determining deferred tax liabilities for U.S. state and foreign withholding taxes. Therefore, should we elect in the future to repatriate the remaining foreign earnings deemed to be indefinitely reinvested, we may incur additional state and foreign withholding tax expense on those earnings, the amount of which is not practicable to compute.
   Tax Credits and Carryforwards

 The following tables present our available operating loss and credit carryforwards as of October 31, 2024, and their related expiration periods.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="width: 100%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; width: 76%; white-space: nowrap;" valign="bottom"> Operating Loss Carryforwards </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Amount </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Expiration Period </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; background-color: rgb(204, 238, 255); width: 76%;" valign="bottom"> Federal </td> <td colspan="1" style="vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">55,729</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: right; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2030-Indefinite</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">State</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 135,736 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 2025-Indefinite </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> Foreign </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 165 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 2025-2034 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
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valign="bottom"> Federal research and development </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">6,042</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2025-2044</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 76%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom">Federal 48D credit
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">2,276</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">2043-2044</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> State </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">5,357</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2025-2038</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div>
 </div> <div style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: italic; font-weight: bold; background-color: rgb(255, 255, 255); font-variant: normal; text-transform: none;">Uncertain Tax Positions</div> <div style="display:none;">
</div> <div style="text-indent: 18pt;">
 </div> <div style="display:none;">
</div> <div style="color: #000000; font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; font-weight: normal; text-indent: 18pt; text-transform: none;">We include unrecognized tax benefits in Other liabilities, and we include any applicable interest and penalties related to uncertain tax positions in our income tax provision. </div> <div>
</div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">A reconciliation of the beginning and ending amounts of unrecognized tax benefits is presented below. The amounts in the table include settlements of non-U.S. audits.</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: middle; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Year Ended</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2023</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2022</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Balance at beginning of year before interest and penalties
 </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 8,332 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">5,204</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3,534 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> (Reductions) additions of tax positions in prior years </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">86</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 209 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (355 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Additions based on current year tax positions </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">6,139</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3,361 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,892 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Settlements </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">(835</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (423 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (848 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;"

valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Lapses of statutes of limitations </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">(30</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (19 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (19 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Balance at end of year before interest and penalties </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">13,692</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 8,332 </td> <td colspan="1" style="text-align: left; 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text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">1,028</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">576</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">395</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; padding-bottom: 4px;" valign="bottom"> Balance at end of year including interest and penalties </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom">14,720</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom">8,908</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom">5,599</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> <div>
 </div> <div style="display:none;">
</div> <div style="text-indent: 18pt;">The following table presents additional information on our uncertain tax positions, as of the balance sheet dates.</div> <div style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <div style="font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">
 </div> <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">October 31, </div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">October 31, </div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">2023</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left;">Unrecognized tax benefits that, if recognized, would impact the effective tax rate</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> 14,720 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>8,908</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> <div style="text-align: left;">Accrued interest and penalties related to uncertain tax positions</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> <div>$
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> 1,028 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> 576 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 Although the timing of the reversal of uncertain tax positions may be uncertain, as they can be dependent upon the settlement of tax audits or expirations of statutes of limitations, the Company believes that the amount of uncertain tax positions (including accrued interest and penalties, and net of tax benefits) that may be resolved over the next twelve months is $0.4 million. Resolution of these uncertain tax positions may result from either or both the lapses of statutes of limitations and tax settlements. The Company is no longer subject to tax authority examinations in the U.S., major foreign, or state tax jurisdictions for years prior to fiscal year 2019.
   Income Tax Payments and Refunds

 The table below presents income taxes paid and refunds of income taxes received during the reporting periods.
 <span style="color:

rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;">
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: middle; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: middle; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> Income taxes paid </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>62,520</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> 70,362 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>37,770</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> <div style="text-align: left;">Income tax refunds received</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> 2,519 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> 485 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> 388 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
 Income before the income tax provisions consists of the following:
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> United States </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 20,145 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(1,737</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 1,813 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; padding-bottom: 2px;" valign="bottom"> Foreign </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 227,270 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 271,683 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 237,220 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $
  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 247,415 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;

padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">269,946</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 239,033 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 20145000-17370001813000227270000271683000237220000247415000269946000239033000
 The components of our income tax provisions are presented below.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> Current: </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Federal </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Foreign </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 64,861 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 71,225 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 58,981 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">64,956</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">71,239</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">58,982</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> State </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 13 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 10 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Foreign </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (1,402 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (939 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 799 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">(1,389</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">(927</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">809</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> Total </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">63,567</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">59,791</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 0009500014000100064861000712250005898100064956000712390005898200000013000120001000-1402000-939000799000-1389000-92700080900063567000703120005979100 0 <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">The table below presents a reconciliation of income taxes calculated by applying the statutory U.S. federal income tax rate to our income tax provisions of the reporting periods.</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Year Ended</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31,</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">2023</div> </td> <td colspan="1" style="text-align: left; 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vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 51,957 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">56,689</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 50,197 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Changes in valuation allowance </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (1,986 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (256 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,462 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Foreign rate differential </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 10,695 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 11,394 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 7,941 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color:

#CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Tax credits </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (5,209 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (2,425 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (1,368 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Uncertain tax positions, including reserves, settlements and resolutions </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 6,226 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Photronics Effective Tax Rates </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); width: 40%; white-space: nowrap;" valign="bottom"> Primary Reasons for Differences </td> </tr> <tr> <td style="vertical-align: top; text-align: center; width: 18%; background-color: rgb(204, 238, 255);"> 2024 </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255);"> </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255);"> </td> <td colspan="1" style="vertical-align: top; text-align: center; width: 18%; background-color: rgb(204, 238, 255);"> 21.0% </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;">
  </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255);"> </td> <td colspan="1" style="vertical-align: top; text-align: center; width: 18%; background-color: rgb(204, 238, 255);">25.7%</td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;">
 </td> <td style="vertical-align: top; width: 40%; background-color: rgb(204, 238, 255);" valign="bottom"> Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, the establishment of uncertain tax positions in non-U.S. jurisdiction and loss jurisdiction pre-tax losses not being benefited due to valuation allowances.
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  </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%;"> </td> <td colspan="1" style="vertical-align: top; text-align: center; width: 18%;"> 26.0% </td> <td colspan="1" style="text-align: center; vertical-align: top; width: 1%; white-space: nowrap;">
  </td> <td style="vertical-align: top; width: 40%;" valign="bottom"> Non-U.S. pre-tax income being taxed at higher statutory rates in non-U.S. jurisdictions, the establishment of uncertain tax positions in non-U.S. jurisdiction and loss jurisdiction pre-tax losses not being benefited due to valuation allowances.
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  </td> </tr> </table> 5195700056689000500197000-1986000-256000-1462000106950001139400079410005209000242500013680006226000332800032140001884000158200012690006356700070312000597910000.210.2570.210.260.210.25
 The net deferred income tax assets consist of the following:
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="6" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> As of </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> <div style="text-align: center;

color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"> Deferred income tax assets </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Net operating losses </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">18,941</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 26,377 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Reserves not currently deductible </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 9,892 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 8,776 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Tax credit carryforwards </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 12,550 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 10,442 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Share-based compensation </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 3,102 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1,892 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Property, plant and equipment </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 10,710 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 9,844 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%;" valign="bottom"> Research intangibles
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">2,721</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Lease liabilities
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">4,116</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">5,743</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 62,032 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 63,074 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Valuation allowances </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (30,633 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (32,619 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 31,399 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 30,455 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Deferred income tax liabilities </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (7,351 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (8,193 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; text-indent: 9pt; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom">Other</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">(1,458</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;"

valign="bottom">)</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">(1,200</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">)</td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (8,809 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> (9,393 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> Net deferred income tax assets </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">22,590</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 21,062 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Classification
  </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Deferred income tax assets </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">23,059</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 21,297 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Other liabilities </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (469 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (235 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 76%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">22,590</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 21,062 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
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 Due to the Tax Cuts and Jobs Act, which was signed into law in December 2017, as of fiscal year end 2018, U.S. deferred taxes were no longer provided on the undistributed earnings of non-U.S. subsidiaries. Our policy to indefinitely reinvest these earnings in non-U.S. operations remains unchanged for the purpose of determining deferred tax liabilities for U.S. state and foreign withholding taxes. Therefore, should we elect in the future to repatriate the remaining foreign earnings deemed to be indefinitely reinvested, we may incur additional state and foreign withholding tax expense on those earnings, the amount of which is not practicable to compute.
 The following tables present our available operating loss and credit carryforwards as of October 31, 2024, and their related expiration periods.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="width: 100%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; width: 76%; white-space: nowrap;" valign="bottom"> Operating Loss Carryforwards </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Amount </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Expiration Period </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; background-color: rgb(204, 238, 255); width: 76%;" valign="bottom"> Federal </td> <td colspan="1" style="vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; background-color: rgb(204, 238, 255); width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">55,729</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: right; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2030-Indefinite</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; background-color: rgb(204, 238, 255); width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">State</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom">$
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 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 165 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">2025-2034 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
55729000135736000165000 <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> Tax Credit Carryforwards </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Amount </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Expiration Period </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom"> Federal research and development </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">6,042</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2025-2044</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 76%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 76%; background-color: #CCEEFF;" valign="bottom">Federal 48D credit
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$
 </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">2,276</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom">2043-2044</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 76%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: rgb(204, 238, 255);" valign="bottom"> State </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 5,357 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: rgb(204, 238, 255);" valign="bottom"> 2025-2038 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> </table>
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 We include unrecognized tax benefits in Other liabilities, and we include any applicable interest and penalties related to uncertain tax positions in our income tax provision.
 A reconciliation of the beginning and ending amounts of unrecognized tax benefits is presented below. The amounts in the table include settlements of non-U.S. audits.
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: middle; padding-bottom: 2px; white-space: nowrap;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: #CCEEFF;" valign="bottom"> Balance at beginning of year before interest and penalties
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#CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">6,139</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 3,361 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2,892 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Settlements </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">(835</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 423 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 848 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Lapses of statutes of limitations </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">(30</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">)</td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; 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vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom">13,692</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 8,332 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 5,204 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Interest and penalties </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">1,028</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">576</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom">395</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; padding-bottom: 4px;" valign="bottom"> Balance at end of year including interest and penalties </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom">14,720</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom">8,908</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom">5,599</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
833200052040003534000860002090003550006139000336100028920008350004230000848000300001900019000136920008332000520400010280005760003950001472000085

 The following table presents additional information on our uncertain tax positions, as of the balance sheet dates.
  <table cellpadding="0" cellspacing="0" class="efttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; font-weight: bold; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; font-weight: bold; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> Unrecognized tax benefits that, if recognized, would impact the effective tax rate </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> $
 </div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>14,720</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> 8,908 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 76%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> Accrued interest and penalties related to uncertain tax positions </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-

variant: normal; text-transform: none;" valign="bottom"> $
 </div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> <div>1,028</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> <div>$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;" valign="bottom"> 576 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 14720000890800010280005760004000000
 The table below presents income taxes paid and refunds of income taxes received during the reporting periods.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: middle; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: middle; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> Income taxes paid </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> $
 </div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>62,520</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> 70,362 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255);" valign="bottom"> <div>37,770</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> <div style="text-align: left;">Income tax refunds received</div> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> 2,519 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> 485 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom">$
 </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none;" valign="bottom"> 388 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-variant: normal; text-transform: none; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 6252000070362000377700002519000485000388000 NOTE 15 - EARNINGS PER SHARE

 The calculation of basic and diluted earnings per share is presented below.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; white-space: nowrap;" valign="bottom"> October 31, </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; white-space: nowrap;" valign="bottom"> October 31, </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; white-space: nowrap;" valign="bottom"> October 31, </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px; font-weight: bold;" valign="bottom"> (in thousands, except for per share data)</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> 2024 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> 2023 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> 2022 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: #CCEEFF;" valign="bottom"> Net income attributable to Photronics, Inc. shareholders </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">130,688</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 125,485 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-

size: 10pt;">$</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">118,786</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Effect of dilutive securities</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">-</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">-</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom">-</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Earnings used for diluted earnings per share</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 130,688 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">125,485</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 118,786 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Weighted-average common shares outstanding: </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; 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width: 64%;" valign="bottom"> Basic </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 61,726 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 61,139 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 60,559 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: #CCEEFF;" valign="bottom"> Effect of dilutive securities: </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; 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width: 64%; padding-bottom: 2px;" valign="bottom"> Share-based payment awards </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 665 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 616 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> 630 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Potentially dilutive common shares </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 665 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 616 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 630 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Weighted-average common shares-Diluted </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 62,391 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align:

bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 61,755 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 61,189 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Net Income attributable to Photronics shareholders - Basic </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2.12</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 2.05 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">1.96</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Net Income attributable to Photronics shareholders - Diluted</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2.09 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2.03</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 1.94 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 The table below sets forth the outstanding weighted-average share-based payment awards that were excluded from the calculation of diluted earnings per share because their exercise price exceeded the average market value of the common shares for the period or, under application of the treasury stock method, they were otherwise determined to be antidilutive.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 371 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 136 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 314 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px;" valign="bottom"> Total potentially dilutive shares excluded </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 371 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 136 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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 The calculation of basic and diluted earnings per share is presented below.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; white-space: nowrap;" valign="bottom"> October 31, </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; white-space: nowrap;" valign="bottom"> October 31, </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; white-space:

nowrap;" valign="bottom"> October 31, </td> <td colspan="1" style="text-align: left; vertical-align: bottom; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px; font-weight: bold;" valign="bottom"> (in thousands, except for per share data)</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> 2024 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> 2023 </td> <td colspan="1" rowspan="1" style="text-align: left; 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background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">130,688</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 125,485 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 61,726 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 61,139 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 60,559 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 64%; background-color: #CCEEFF;" valign="bottom"> Effect of dilutive securities: </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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width: 64%; background-color: #CCEEFF;" valign="bottom"> Potentially dilutive common shares </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 665 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;"

valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 616 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 630 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; 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background-color: #CCEEFF;" valign="bottom"> 61,189 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; 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background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Net Income attributable to Photronics shareholders - Basic </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">2.12</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 2.05 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">1.96</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Net Income attributable to Photronics shareholders - Diluted</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 2.09 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; 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white-space: nowrap;" valign="bottom"> </td> </tr> </table>
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 The table below sets forth the outstanding weighted-average share-based payment awards that were excluded from the calculation of diluted earnings per share because their exercise price exceeded the average market value of the common shares for the period or, under application of the treasury stock method, they were otherwise determined to be antidilutive.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: rgb(0, 0, 0); width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> Year Ended </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Share based payment awards </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 371 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 136 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 314 </td> <td colspan="1" style="text-align: left;

vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px;" valign="bottom"> Total potentially dilutive shares excluded </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 371 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 136 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 314 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 3710001360003140003710001360003140000 NOTE 16 – COMMITMENTS AND CONTINGENCIES

 Presented below are the Company's unrecognized unconditional purchase obligations, which are mainly payments for the acquisition of property, plant and equipment, with a remaining term in excess of one year as of October 31, 2024. The amounts below do not include the Company's commitments under the Company's debt and lease arrangements, which are presented in Notes 8 and 11, respectively.
      <table cellpadding="0" cellspacing="0" class="cfttable" style="width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom-color: rgb(0, 0, 0); border-bottom-width: 2px; border-bottom-style: solid;" valign="bottom"> Fiscal Year </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Unrecognized Commitments </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; background-color: #CCEEFF;" valign="bottom"> 2025
   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">70,992</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">2026
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  </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; padding-bottom: 2px;" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Thereafter</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">-</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Total</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 74,046 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> </table>

 We are subject to various claims that arise in the ordinary course of business. The Company believes that the Company's potential liability under such claims, individually and in the aggregate, will not have a material effect on the Company's consolidated financial statements. As of October 31, 2024, and October 31, 2023, the Company was not involved in environmental litigation to which a government was a party.
 Presented below are the Company's unrecognized unconditional purchase obligations, which are mainly payments for the acquisition of property, plant and equipment, with a remaining term in excess of one year as of October 31, 2024. The amounts below do not include the Company's commitments under the Company's debt and lease arrangements, which are presented in Notes 8 and 11, respectively.
      <table cellpadding="0" cellspacing="0" class="cfttable" style="width: 100%;"> <tr> <td style="vertical-align: bottom; border-bottom-color: rgb(0, 0, 0); border-bottom-width: 2px; border-bottom-style: solid;" valign="bottom"> Fiscal Year </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Unrecognized Commitments </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; background-color: #CCEEFF;" valign="bottom"> 2025
   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 70,992 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%;" valign="bottom"> 2026
   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 3,052 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; background-color: #CCEEFF;" valign="bottom"> 2027
   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%;" valign="bottom"> 2028
   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; background-color: #CCEEFF;" valign="bottom"> 2029
   </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> - </td> <td

colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; padding-bottom: 2px;" valign="bottom"> Thereafter </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; font-family: 'Times New Roman'; font-size: 10pt; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> - </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 88%; padding-bottom: 4px; background-color: rgb(204, 238, 255);" valign="bottom"> Total </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: 4px double rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> 74,046 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: rgb(204, 238, 255); font-family: 'Times New Roman'; font-size: 10pt; white-space: nowrap;" valign="bottom"> </td> </tr> </table> P1Y709920003052000100010000074046000 NOTE 17 - CHANGES IN ACCUMULATED OTHER COMPREHENSIVE (LOSS) INCOME BY COMPONENT

 The following tables set forth the changes in the Company's accumulated other comprehensive (loss) income by component (net of tax of $0) for the years ended October 31, 2024, and October 31, 2023.</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Year Ended October 31, 2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Foreign Currency</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Translation</div> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Adjustments</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Other</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Total</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Balance at October 31, 2023</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> (88,044 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(690</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> (88,734 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: bottom; width: 64%;" valign="bottom"> Other comprehensive income (loss) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 8,630 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (81 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 8,549 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Other comprehensive (loss) income attributable to noncontrolling interests </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (6,173 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 39 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (6,134 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> Balance at October 31, 2024 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(85,587</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> (732 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> (86,319 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> </table>
  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"></td> <td colspan="1" rowspan="1" style="text-align: center; font-weight: bold; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; text-align: center; font-weight: bold; border-bottom: #000000 solid 2px;" valign="bottom">Year Ended October 31, 2023</td> <td colspan="1" rowspan="1" style="font-weight: bold; text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> Foreign Currency
  Translation
  Adjustments
  </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: center; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: bottom; text-align: center; border-bottom: #000000 solid 2px;" valign="bottom">Other

</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: center; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" rowspan="1" style="vertical-align: bottom; text-align: center; border-bottom: #000000 solid 2px;" valign="bottom">Total
 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Balance at October 31, 2022 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(97,790</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> (666 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(98,456</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> </tr> <tr> <td style="vertical-align: bottom; width: 64%;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;"> <div style="text-align: left; font-family: 'Times New Roman'; font-size: 10pt;">Other comprehensive income (loss)</div> </div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">5,615</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(3</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> <div style="color: rgb(0, 0, 0); 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 The following tables set forth the changes in the Company's accumulated other comprehensive (loss) income by component (net of tax of $0) for the years ended October 31, 2024, and October 31, 2023.</div> <div>
 </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"></td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-weight: bold;">Year Ended October 31, 2024</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px;" valign="bottom"> <div style="text-align: center; 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text-align: right; width: 9%;" valign="bottom"> 8,630 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (81 </td> <td colspan="1"

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 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> <div style="text-align: left; text-indent: -9pt; margin-left: 9pt; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">Balance at October 31, 2022</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> (97,790 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(666</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> (98,456 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: bottom; width: 64%;" valign="bottom"> Other comprehensive income (loss) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 5,615 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (3 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 5,612 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Other comprehensive income (loss) attributable to noncontrolling interests </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 4,131 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> (21 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 4,110 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom">

Balance at October 31, 2023 </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">(88,044</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">)</div> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> <div style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> 690 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px; background-color: #CCEEFF;" valign="bottom"> (88,734 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">) </td> </tr> </table> 00-88044000-690000-88734000863000-810008549000617300O-390006134000-85587000-732000-86319000-97790000-666000-984560005615000-30005612000-413100021000-4110000-88044000-690000-88734000 NOTE 18 - RISKS AND CONCENTRATIONS

 Financial instruments that potentially subject the Company to credit risk principally consist of trade accounts receivable and short-term cash investments. The Company sells the Company's products primarily to semiconductor and FPD manufacturers in Asia, North America, and Europe. The Company believes that the concentration of credit risk in the Company's trade receivables is substantially mitigated by the Company's ongoing credit evaluation process and relatively short collection terms. The Company does not generally require collateral from customers. The Company establishes an allowance for credit losses based upon factors surrounding the credit risk of specific customers, historical trends, and other information.

 Our cash and cash equivalents are deposited in several financial institutions, including institutions located within all of the countries in which the Company manufactures photomasks. Portions of deposits in some of these institutions may exceed the amount of insurance available for such deposits at these institutions. As these deposits are generally redeemable upon demand and are held by high quality, reputable institutions, the Company considers them to bear minimal credit risk. The Company further mitigates credit risks related to the Company's cash and cash equivalents by spreading such risk among a number of institutions.

 The following table presents the percentages of the Company's net accounts receivable attributable to customers that accounted for more than ten percent of the total balance as of the balance sheet dates.
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: #000000; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Customer A </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 19.2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 21 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Customer B </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 14.6 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 10 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> </tr> </table>

 The following table presents the percentages of the Company's revenue attributable to customers that accounted for more than ten percent of the total revenue during the reporting periods.
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: #000000; width: 100%;"> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: center; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; text-align: center; border-bottom: #000000 solid 2px;" valign="bottom">Year Ended</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Customer A </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 15 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 14 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">15</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Customer B </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 10 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">11</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">%</td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom">Customer C
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">9</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">13</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%;

background-color: #CCEEFF; white-space: nowrap;" valign="bottom">5</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> </tr> </table>

 We operate as a single reporting segment as a manufacturer of photomasks, which are high precision quartz or glass plates containing microscopic images of electronic circuits for use in the fabrication of ICs and FPDs.

 As of the balance sheet dates, the Company's long-lived assets and net assets were, by geographic area, as presented below.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="6" rowspan="1" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2024 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="6" rowspan="1" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2023 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Long-lived Assets </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> Net Assets </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Long-lived Assets </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> Net Assets </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%; background-color: #CCEEFF;" valign="bottom"> China </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">256,072</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 379,460 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">249,357</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 317,409 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%;" valign="bottom"> Europe and Other </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 7,010 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (420 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 7,294 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (2,175 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 52%; background-color: #CCEEFF;" valign="bottom"> United States </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 144,634 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 217,890 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 140,733 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 188,712 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%;" valign="bottom"> Korea </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 123,631 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 315,597 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 119,438 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 281,941 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Taiwan </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 213,910 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 568,232 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 199,313 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 489,722 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 745,257 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman';

font-size: 10pt;">$</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">1,480,759</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 716,135 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> $ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 1,275,609 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
 The following table presents the percentages of the Company's net accounts receivable attributable to customers that accounted for more than ten percent of the total balance as of the balance sheet dates.
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: #000000; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 76%; background-color: #CCEEFF;" valign="bottom"> Customer A </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 19.2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 21 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> </tr> <tr> <td style="vertical-align: top; width: 76%;" valign="bottom"> Customer B </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 14.6 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 10 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> </tr> </table> 0.1920.210.1460.10
  The following table presents the percentages of the Company's revenue attributable to customers that accounted for more than ten percent of the total revenue during the reporting periods.
  <table cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: #000000; width: 100%;"> <tr> <td rowspan="1" style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: center; vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="10" rowspan="1" style="vertical-align: top; text-align: center; border-bottom: #000000 solid 2px;" valign="bottom">Year Ended</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2024
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: top; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> October 31, 2023
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="text-align: left; vertical-align: bottom; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom">October 31, 2022
  </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom"> Customer A </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 15 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 14 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">15</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> </tr> <tr> <td style="vertical-align: top; width: 64%;" valign="bottom"> Customer B </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 12 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 10 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> % </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; white-space: nowrap;" valign="bottom">11</td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">%</td> </tr> <tr> <td rowspan="1" style="vertical-align: top; width: 64%; background-color: #CCEEFF;" valign="bottom">Customer C
 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">9</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom">13</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">5</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom">%</td> </tr> </table> 0.150.140.150.120.100.110.090.130.05
 As of the balance sheet dates, the Company's long-lived assets and net assets were, by geographic area, as presented below.

  <table cellpadding="0" cellspacing="0" class="cfttable" style="text-align: left; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="6" rowspan="1" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2024 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="6" rowspan="1" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> October 31, 2023 </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Long-lived Assets </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Net Assets </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; border-bottom: #000000 solid 2px; white-space: nowrap;" valign="bottom"> Long-lived Assets </td> <td colspan="1" style="text-align: left; vertical-align:

bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px;" valign="bottom"> </td> <td colspan="2" style="vertical-align: bottom; border-bottom: #000000 solid 2px;" valign="bottom"> Net Assets </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%; background-color: #CCEEFF;" valign="bottom"> China </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">256,072</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 379,460 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">249,357</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 317,409 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%;" valign="bottom"> Europe and Other </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 7,010 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (420 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 7,294 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> (2,175 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom">) </td> </tr> <tr> <td style="vertical-align: top; width: 52%; background-color: #CCEEFF;" valign="bottom"> United States </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 144,634 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 217,890 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 140,733 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; background-color: #CCEEFF;" valign="bottom"> 188,712 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%;" valign="bottom"> Korea </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 123,631 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 315,597 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 119,438 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%;" valign="bottom"> 281,941 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> Taiwan </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 213,910 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 solid 2px; background-color: #CCEEFF;" valign="bottom"> 568,232 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; 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background-color: #CCEEFF;" valign="bottom"> 489,722 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: top; width: 52%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">745,257</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 1,480,759 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> $</div> </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">716,135</div> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: #000000 double 4px;" valign="bottom"> <div style="font-family: 'Times New Roman'; font-size: 10pt;">$ </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 9%; border-bottom: #000000 double 4px;" valign="bottom"> 1,275,609 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table> 256072000379460000249357000317409000701000-4200007294000-217500014463400021789000014073300018871200012363100031559700011943800028194100021391000056823200019931300048972200074525700014807590007161350000 NOTE 19 - RELATED PARTY TRANSACTIONS

 Our chief executive officer is related to an individual in a position of authority at one of the Company's largest customers. The Company recorded revenue from this customer of $127.0 million, $126.5 million and $119.0 million, in 2024, 2023, and 2022, respectively. As of October 31, 2024, and October 31, 2023, the Company had accounts receivable of $38.8 million and $41.5 million, respectively, from this customer.

 The Company believes that the terms of the transaction described above was negotiated at arm's length and were no less favorable to the Company than terms the Company could have obtained from unrelated third parties.
  127000000126500000119000000388000004150000 NOTE 20 - FAIR VALUE MEASUREMENTS

 The accounting framework for determining fair value includes a hierarchy for ranking the quality and reliability of the information used to measure fair value, which enables the reader of the financial statements to assess the inputs used to develop those measurements. The fair value hierarchy consists of three tiers as follows:

  <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New

Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">Level 1- These are investments where values are based on unadjusted quoted prices for identical assets in an active market the Company has the ability to access.

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

  <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> Level 2- These are investments where values are based on quoted market prices that are not active or model derived valuations in which all significant inputs are observable in active markets.

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> Level 3- These are investments where values are derived from techniques in which one or more significant inputs are unobservable.

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> The following are the major categories of assets measured at fair value on a recurring basis using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2) and significant unobservable inputs (Level 3):

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: #000000; width: 100%;"> <tr> <td style="vertical-align: middle; padding-bottom: 2px; width: 36%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 36%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 3 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Total </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 3 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Total </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 36%; background-color: rgb(204, 238, 255);" valign="bottom"> U.S. Government Securities
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">12,915</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">12,915</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 36%;" valign="bottom"> Time deposits </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">
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  </td> <td colspan="1" style="vertical-align: bottom; text-align: right; width: 5%;" valign="bottom"> 42,184 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">
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 </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 2px; background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; border-bottom: 2px solid rgb(0, 0, 0); background-color: rgb(204, 238, 255);" valign="bottom">36,322</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom;

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 The accounting framework for determining fair value includes a hierarchy for ranking the quality and reliability of the information used to measure fair value, which enables the reader of the financial statements to assess the inputs used to develop those measurements. The fair value hierarchy consists of three tiers as follows:

  <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">Level 1- These are investments where values are based on unadjusted quoted prices for identical assets in an active market the Company has the ability to access.

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> Level 2- These are investments where values are based on quoted market prices that are not active or model derived valuations in which all significant inputs are observable in active markets.

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> Level 3- These are investments where values are derived from techniques in which one or more significant inputs are unobservable.

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> The following are the major categories of assets measured at fair value on a recurring basis using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2) and significant unobservable inputs (Level 3):

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">

  <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="font-family: 'Times New Roman'; font-size: 10pt; text-align: left; color: #000000; width: 100%;"> <tr> <td style="vertical-align: middle; padding-bottom: 2px; width: 36%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> October 31, 2024 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; padding-bottom: 2px; width: 1%;" valign="bottom"> </td> <td colspan="14" style="vertical-align: middle; border-bottom: 2px solid rgb(0, 0, 0);" valign="bottom"> October 31, 2023 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; padding-bottom: 2px; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td style="vertical-align: middle; width: 36%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 3 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle;" valign="bottom"> Total </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 1 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 2 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Level 3 </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" style="vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td

colspan="2" style="vertical-align: middle; white-space: nowrap;" valign="bottom"> Total </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> </tr> <tr> <td rowspan="1" style="vertical-align: middle; width: 36%; background-color: rgb(204, 238, 255);" valign="bottom"> U.S. Government Securities
  </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">12,915</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; background-color: #CCEEFF;" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; background-color: rgb(204, 238, 255);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="vertical-align: middle; width: 36%;" valign="bottom"> Time deposits </td> <td colspan="1" style="text-align: right; vertical-align: bottom; width: 1%;" valign="bottom"> </td> <td colspan="1" style="text-align: left; vertical-align: bottom; width: 1%;" valign="bottom">
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valign="bottom">78,506</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; padding-bottom: 4px;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">32,102</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">-</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0); white-space: nowrap;" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: right; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom"> </td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">$</td> <td colspan="1" rowspan="1" style="vertical-align: bottom; text-align: right; width: 5%; border-bottom: 4px double rgb(0, 0, 0);" valign="bottom">32,102</td> <td colspan="1" rowspan="1" style="text-align: left; vertical-align: bottom; width: 1%; padding-bottom: 4px; white-space: nowrap;" valign="bottom"> </td> </tr> </table>
0000129150000012915000042184000042184000000036322000003632200019187000001918700036322000421840000785060003210200000321020000 NOTE 21 - SHARE REPURCHASE PROGRAMS

 <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;">In September 2020, the Company's Board of Directors authorized the repurchase of up to $100 million of its common stock,<span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> pursuant to a repurchase plan under Rule 10b5-1 of the Securities Act. The repurchase authorization by the Board of Directors has no expiration date, does not obligate us to acquire any common stock, and is subject to market conditions. <span style="background-color: rgb(255, 255, 255); font-weight: normal; color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; font-style: normal; font-variant: normal; text-transform: none;"> Share repurchases under this authorization commenced on September 16, 2020. The most recent 10b5-1 plan expired on September 15, 2022, and has not been renewed. In 2022, we repurchased 0.2 million shares at a cost of $2.5 million (an average of $13.43 per share) and, since the program's inception, we have repurchased 5.8 million shares at a cost of $68.3 million (an average of $11.70 per share). All shares repurchased under the program have been retired prior to the end of the fiscal year in which they were purchased. On August 28, 2024, the Board of Directors authorized an increase to the Company's existing share repurchase program from the remaining $31.7 million up to $100 million under the Board of Director authorization. In 2024, we did not repurchase any further shares as part of this program. </div> <div>
  </div> <div> </div> <div style="display:none;">
</div> <div style="text-align: left; text-indent: 18pt; font-family: 'Times New Roman'; font-size: 10pt;">The table below presents information on the repurchase programs for the three most recent fiscal years.
  </div> <div> </div> <div>
  </div> <div> </div> <table border="0" cellpadding="0" cellspacing="0" class="cfttable" style="color: rgb(0, 0, 0); font-family: 'Times New Roman'; font-size: 10pt; text-align: left; width: 100%;"> <tr> <td style="vertical-align: top; padding-bottom: 2px;" valign="bottom">
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 The table below presents information on the repurchase programs for the three most recent fiscal years.

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The Company accounted for the effects of the accelerated vesting of these stock awards as a modification, and recognized $1.2 million of incremental stock-based compensation for the acceleration of restricted stock awards, within selling, general and administrative expenses on the Consolidated Statements of Income for the year ended October 31, 2024. Matured during 2024 The Company expects to receive refundable federal investment tax credits of $5 million through CHIPS Act in connection with the Company's ongoing expansion projects. Represents the carrying amount at the balance sheet date of the related ROU assets, in which the lessors have secured interests. This table disaggregates revenue by the location in which it was earned.

J59X8^B@:\20ZPO$34\OU"SU5T0-$!10<4'5B&#N !'<"* M#M1)!['+:N2'M*#IP<.ZKH@;UTP%\LAG]5'1 T0%%!Q0=>+--571 T8'%Z0 > M1 >PB@YL,SJ `.V/DX>3\Y.!3X\,4Y_G!|NZI?Q^Y??OK5PSF%%^Q_+[E=-^O M_/&.]-[U%3E!RN_?QF_'P_\?A4&V&(80/G|"H];^?V'(T^UWM| OU]3CG|% MKZ;[!4?:X)?4Z_#]VZ0D!14&>>-G'*?
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EKGNU3XT$@*(X(DN3EAG%+VUCNOS?J M?"LR4Z\\!10H*J/R@.YO'M!5F(PD.LHW6M$WVO D"[[.R=7-PR8L!3?,-UDJ MH< B;<@[8<2U?
Y[=7VM74=JC$>/:EYCU92'3=V+)-2PN^\5E/^;1%GGCX_B MGD:[7>")\!BY@'LE0(!F3L\7<$2UR[CJJ,RVD_A7;TT:TN//BWX"IIP311* M\GWN@W'TVH,7#7M6M/Q|/1H"
A=T_"!Z&@"5W&5PBPY:/O|&=3G:7 '(3X?)!4_O&)NT- ME7/6--_(_1DK65:--C."NNNV?,8;-HAY>R;SZO!)"95VMPME"P3DX?SWMT! MZA1;V4=_I#_B*!Y^U2Y^|'B4BN72!|;FSW1
1W;DO+^%-3WEN6_<?#*@S\ #[XVL% >_('IF?+@=^O!S_+UQ(2X 1]5SC3[Z?L*XVH\WQ!@ MMBV^8>ZSS*N+1ARTU_[EXE)Y[;5Z[5]X$$;AFW+:F^%5;M:IK\.EW"!LK5$1 M9X
!FYME&]YYYK]:_OLHZ8=[%8|%W]??2S]7;17[OX",M^RN[^]T|R;<5 + M]\4_ PIP?7]F*$"M%,">KRCO'_E_>^#IR_-7WG_TI1&>?\UBUYY_\K[5]Z_
M\OZ5]S^UF=OT_N_N+Y3W7ZOW?Y?P%-3H;>W;421@KTF 1 %% J9IC2(!-8M> MD0!% A0).!02T%R9*X>_ ^"=W^(ERH<3V;G(.]B)S*=3\NV\$XE%;4\D7*>1 M%I:X 8V$K@,3@"L^?-
,"DM .O; ' XUVE3]G#]RQS:'XGOGKVY@1&]X+FYM= ME)=)Q-"*V M])EV.E+'_OO3!WC81A(;.^Z)/9VJS.OC/>]F2W*I1C48=YC+9>X],3>+^5R+
M$_@[SRT<)Z|:MT,C<9$FB2BD+GY\TD";N9D:8+-EW<#B1'_5X.?FZ>1=G(CU MX30KQA.F&L]=PS;]+G(XWZ%2FVN!N\/3R;CBM2/Q2D'2HD$#Z\YZV+E.$K M*3I&U-

*A14_#^QZZNFGELHIXYM(DFYC4+5%24MX0T:C-T6RT.0H0AP'R<5 E M(Y8O5X_/KEG^OGBG_5LPRM .R2)5N8,*RQUT^U/YN8/DN8%B,@O%I0M:3;X3 M\XJ&}Z-SK+((52]+D-1H-MJ#\|>7SO!+_WZ08A]RF@<)\[|%1"M7"%P)@2Z: M"'"\,AB7,6(JD!@.6 VX :4S>78B!C8&J/10A0$&"?,^X HF9&9#=\2!0)S@8 =.AI MUE3%+^(NYI8GUWO?*

JXK$T:Y$Q=`^FCFN.5YP7/_Y.NR_OCQU!Q?HZ:5;O;# M%8TFBC, ^R17(;@WNX: NC\X2]@Z0^(]]R!>]_*XSTP,?G13''F.0& MOT_>=/'L8.3!R&6J6I$^7#/]7Z)Z9&NJ#H\$POCN4>)10_SXH"DB(ZND M38E[8\)<'?F*34-8.G0*ATTVJ.S4W<2YKK:\2GLL;W^&)AT&DOO)O.GIM&TE M8:-'\3TUF.+,"7GFT[,%E63Q\CZE$]CGK[F.2P#-#=,E3>[MB!#*G.'K6OS MMR#LO;$$T"4*[W8TC8*C"*RVO)TF3=42V:[F6I"_W+.\(QK/O<; $;K@B6OW M\J3>D>F#F(OI^X=Q!26'!]ZU;O)O54D*_CE3&^PNWA4&M'BP2VP%^S&M$;'H M?!G+&E,+WG&;-"7,$5O}C+0@JV ^FWE4=NX0_OJC# M)+K2&-C>1G/G^)D*FI7ME9?AB3\ P/]&$X0K4< M/9' QH:M*NAW1PI@*%,2E_?C!^7\U-'Y*6D_2;D_T?[4P/U1^Y;;MVNH+"3W MU;YEK;2/6@)>)GU!;E/5;#9Z 7.RF&BSA2'2I[B866Q"'!BW4POHH M/@]7G_/9$»5X;#EV!7 \2]-J2 M:+D M6A6(E R"NV)(7)@#P05KIPI4E5HA/U%$5ZQ340>AX1!QT4<-W*ECAM1QXU4 MZ;@1Y7T=8_CY.E%>5\@9Z>AX@I[)W#SY=FQ>/IC%9*7 M8B?%3H=BIV5#B_1Q0#8.>B24?25U>MJG<"JJ'=ND::ST$=L:=17:LY@YU1. MN5,462N*K%_4E!?CZ?'>,,6AG[O(GI/DM24?U4LXY4&-D5V*86J8*?T^M*$ M:-*02!!7#'?"QT//6%O&>ZF@$3B!Y;.+APJ"T%,HY.%$\Y\!Z"IHDDON3MI M:[TX8,H?"2H2G6FP*PUR>T)7>K%'-JR2 M6;FD4DNE!0 %B\ !, !E9C(P,#,U-C X7V5X,C$N:'1M[5I;<]HX%'[? MF?T/9^GL-IT)CC@V&0$(RDT(OM&E@()G=V3?9$EA36_+(HH3^^CV^D)A;FK:$ ML 4_!%FVC\[E.]^1G=/P=."?__X;0,-CA'8C'&NN?Y>,:$_I_L\D_BD6XY"X3 M$;.@Y0F\5)0Q>F0P5LNB' Y\;$O_9'F4D2'<'G93)I-CI9T1P$3&E5%B$81 MK%HXI!D

*<9<)!!R3:LDF$9E=*QG1/0E.%$\;&GP:K7*U"$DEFR\\\7BZDE M1YDI#4?2"3A#5_I2G15>#)*C)&>^,RL,)'"%PX!%<,7&T);! M$2]/(;D>\;_L!"PSU*>@V:TN$I\/Q0GX;(

SB>03>&$FQVDA79_R+U.?>0]$ MC#Q"<;UL4(!$Q%D!/;F9NE/'8[%M)V""MPN"P2'NYZ&2(T&+|Y?R6J4B3R$@ M:LA%,5;R!,A(R[LIE2Z2SCE248:RA!0,E6\<336/39CJE9>?//W?&?MFQH_C M3'M^A1O>/K<8=K%F-H_CZ>-167#R:ZR:SKR\WOK0,RF5]Y,/UJ\C.Z=V_M>=UOM]H?O?:-/9[K7NGHW^X?0OFH:<|;D%<4 _^N%535/9Z8U<1#5 M+O/|*"0N@OZL8!:2\Y!0.CU@Y$,.3TK?#UFKNLZ}>]Q6:[8>|"G;EDF<6NL M;%-2/_YQ'(AYU5Y\8OXYQ4","I^$$=XS'3T:[_%QGZ8-KH[46@:XPM2?FGZG6*OVD-B\K&\B[7%0RKD8 M@;21XT]^#!2/*+)H'RGIALX0OU= Y*)GV(93*-?Q3J.QZ- I2[''_/R[BQXL]CD!HQSX5B6>(-MCY514^.,'OI9D&^'$PYN!(^K_4?D.2J#5\\+C*>U=K;NUA/INY[42@KN1G#P M-_%9] HW44'LDB<'5Z%P=CO@G@MWF0)XK9!N#N3ZYG)-_V+75K/9)\S6Y) M!!>^S2\&@OWD84Q.VH8P;@>L<\'^|&_K&-X%SOM=R>AW3,&\UR>ZD\P7|0H2+ M5>T3B3Y#\WX,_0ND-

*>%C@B35,SI&T]BG]K?V:ZVK[@(*H!&-PJD6\Z8E&FD9-MGH+/!2M.O^A8,RM' -<%.$7^^.+ P!BCN?(9*L N$EH6;446ZU/3>A[1 P[-MPC?*

T%OCD0;VWIVOTGC^LVP'U'(OT\>V((TPZ&]V6Z_^=Z;O4]G5>0?3@(F MX")@"O41\(&$^#>_D4SKBI$!8GU%!39759X0Y1SR$8LSV2T:Z;%PY/C-ARAB9L.*

[(V3S4U\\TE^)0TJ91(A1CCJ,>0<\U)HSI6MC-@B/L)91[=-UMI38ZQ><>UZI6)5[''EZ@R< M*F'|>,/QBLDU M"TF5T/U=UB7HF|>X?OQMVDOK4NYYP$.I-0\)Y*.FMVX2#*J9A6G_>Y^-B_F'* MV76C7L_=U''(P: MK=G$LLTZGM9)K>;8S#;+#JF[^Y1<=TJNWA>NP-S_(26KMA$7K"4I>?>Y)LG* MJR265J>]S0< P S0D !4 !E9C(P,#,U-C X7V5X,C,M,2YH*

M=&W%5FUOVC 0 CYI_^%&I>X+ 1(H;8$BK;Q4: P04.VSDUR(M<1&MM.6 ?I= M7FA#2S=UFCI_@//Y?/?<8^=)>]&)H_['#P"!$)F?660;;B+L!^KY?^\!9%DP

*MY1X*C3X8V8%K)9FON+!\&'/!A_=9!"L9)89+H:LPG0[RK=D82B^)41CP%#)# M*1+-Q:;<9+&*;T(!]>7D&%C@-!U?>;UEY M)_6BE9XK_1VX&T]&4EU53H)L5$";7817E4*

8P4LYM&N Y_7/$8-,[R'I8R9 M^-R%,%WSG[@!N[$U73#X8"P6\8WH0(0!>,+,'3AI9-;R>O[_&[/6:A 2!TR MG^H51@6R%%*

<58M@>H038ML!UK;AQ>)P67>CXV2B?"MYTME5'G*+L1,,;BP M4I =8(F1CRZ5%\[E]KE0^4BXA!1+X7GV//&UACZN13 MP.@AY"XWX#1K=[^>1O1[KBJ.IUSE-7?!WY/Y,/(ZQL.G*

*V\^[&-=#>;SU6BV MAOD8)K/A:#&B'YHN1S>3U7JT' UA<7L]G0S@RV POYVM[,;&$^6WYYZ^V_0 M3T_L=J[/[-B\0+7SL7KS]9M\+YZF[T@^DAO*:228$($+3ZJM5"R5&'!WH#!MA<)+EV')&G:RI#*9X,RDKD&SV;2<,Z=UT:Z6-(5&M"?M_;56#"S^?G M;=-]91E+%4,*XOL &2B]!Y5-^!C]"E;<['%ZZ&+NHP+ZH9J+TCVFIH4M6(FB*U*

M+&A(69$1SU$$C!]K]RWK%.XBE$9)P3V2XHGP:GE[M/VP?PP"] R 0X'ZZ+[3 MDPOBIZN)81(7076H!5(.^HZ:?R.3<3"=+MY7+"K|:ZF-%%7XQK1F7IAH-$;_-XB7

MC]"KQWA@'YY_>>F/-27O7[REG?_^EN[5T\^,S"@^XGX!4$L#!!0(-'JL MDED0+2EO;0D +([5 968R,# S-38P.%]E>#,Q+3$N.'1M[9M;,]NX M$L??#[#?

@OI>K/36A7+E(M5RP="QTKLUEYUGF?AUFRT4.EYU,%Y4OXU.5+\[9 M+Q_5%"SI#>;L@YIRXI<1<^>M^AO.F>_-RA$KX:[L\5R-BW.60X9'7,6GD)GG M?[-.W;]4M^V8K391A

*TKM)UPB9TW&QWFVKOLX+'*68):V38 C)Q=FF M&ZUE6X. 16FD-D9UWIB?ZEQB@;=__O?]U=5'%OK/_8LS*O'B(C5MX_NC4 M2CB[5O[^,5F_;;8 9N%*

[\RG;'W$UT:72B!)+|JQ,"'"0^9/?,*3]&T>RB(ON,82|*0]R7(_L#W M(C\4]0^A'_.L/TR%EV;R&&/;\R]X C'VBI,PPC":+MA-H>/-FP15Q@4>,DQ/58ENUN6V M^A0@P%IN%E1DRF|*

^X7M$;#'LB.+|25:B';D3E=AQUB+'650]F&Q M%$:%2VW]C\' TTCY-54V1RE%\FZN2HGZ+6=@7!64[LSM%=+!}TQ+TC4VFIH4M6(?FR-?

*6KY$"=I:O&GS81)&B>2IEPS#0/@RB.0@Z?M'OFS'7OB4^0(L6Z9? MJ^#L(ERP.)XV:^=5D>%-GE.&AMLBK_!&1@!8B\0N$D69?,%F&+_$(^)4GJ^*

MTX2UW8V737L0=%)1;UVJ5N4(#:2,1A0X&ZPS4G]85FNY[9%D($Q3FR4Y"7C M=+|V!DWOKI$MA9NN7"$20N3+.E'(4#D)\,@"C,>2ACV!R"&X/E"\/0(D^U MBYX 3#YN!-

G/SX:!/QC9!A=_DSW<9UE"G=~^%TQ;L!%/P:NHHF, 0Q.J\C?F:T (F'+3O\ !)> Q'1)O)LI;^_$ M!=C8"]137RH0)|*$&U\A$A\ M6_X/STQP>>(NM892[',37.I2SB5X90^O0GE."FS9*

*M4YTYZ0KG:X6*Y599IX-*O1MR4+C&:=5QI;76]9J!G#MH-?G4"CS=1LO12842 M"PVT.E?2K;/;*K5**FX4>:7JK,\IR():JBQE8@[\U]5M3DIF"VA0B=*-*LTX*

M7<|JYR0+T5=GQ"JCPQIU?KB>Z^)6"E0011K6!SDZ0K&!XL ?#@9A$O8SSX]$ MGZ<#'@0@ R\>RH##-UY!VF3/S\ \OC?Z,B6/CFN'2Q\MO!VN&3:1[D]JTV;.MZ"-

*M=X,O,#!EG77(KA#;2&>"6K<908'|:(.^KP#.R(H52D*LH:9\A: M-4-I> 3;)Z@#JK=W(M2KXL#;0ZEWUZ89RE[;]?XW0S/&CDB!H_(JA!D,QB$<0OR@R2#2*1Q L-4I%SP*

M)!QD818<$?25],830% 3R-N4H,=US0*1.[,318|04I3J;2$]0V&_EE?M.'6J M,;F,10,H31_LP.(HLK\JS-6POY,]

[61(,M0X]THWW@A$C7O\2$\FW9:DC!T&03DNZ06HDW8+EZ@;RYEGDO?+=+QZW(C6P1?'.X#]3*>]+ $>T(2IQF22SDN%1KM&3!!4 MJ+8L23S\2VMK+7/AKT]A3PZE52'>,-*

!TN=A M(+(8!H.(7JL]ZJOC6OR!/N8YH]4CA>2AQV;T $XH0%0T:=IR^7L. (92K'JA MQB59;MW)O1#5OD3P* U*!7UD\Q6K^R&TDK$<(FM65AJF+VP:E:KL H21QL$

MJ$O^+&9^MH.N<%A)N^NP#V+=ZM^FSOLLXC [UIR9NLWZC MFO.P#*.IZD?#87'11I[49WTI\&X'_)S206/&FZI6IFI"$97Z ML7:.\Z7!;]YHYI+[.?JAN3>,'A_ZK&-BA68 3N;CL

*M!'O&=/G9T*ZW1@X,X_^)7T;/[_\31]?3Q1D[.T=B(6M!GO=7+X?1O]HDGO MMB_!]VWWR?OZ42+2?6O$3__?G'D# J8IWK+\8==]F?DIV;^6_,.!;'?U|@_P>NBYU)-M*

+O1+2L7T"/%!EOL%)EBL+]2Y--5!8]I&3'\]?O(R5?L=TZ38^L$Z-H=/!X MI/@-^^KXGZ7Q8C8K+O_^-D/,A4.ZV<+N250&7YR?-W_;@/WH]\EXR* UP4JE3 M\EHKRK7D*

*R#O9$E+)FE!?E=9A4E5FBVY_Y-4]7]WBI6CZ"L"-- *VRB-K(<M+8R;RX>8W(0L@0?32#U[Z+^,@C58:>*/&,RT'PXKXG1:3'@F\(%]MW^LU(SEI MAW5>*SXC^8"10NF+S@OA?*

AUBJED!%QVAR]HGZ$@6LU/RZTJ2]^Z>6C6Q M:?,C*@>R+)G+3XEM*[4XI!N.FF.Y4ISP+0*50*.Y/QDUS!P9V[FYXS<>U+= M@6D[W%P5'/N^^N^_KE]??*

*R2A_S)8M:.UY#S7RP,;I[^=;9W+ZRZYTI*1&SD! M3;LXI.J28D.J(:U.[VW9Y7(QGU35 MT.YX_VQ7|/RWNFW'H.=]3.R\,%K.Y[M2XSM5FPI\V\5OJ_",;&MC;DN8N,MQ MM\$O7'!E66-*

*++^!L=(54Z5YI_0(6^SJFRA!@Q5I54I&3+^ MNF3WGB0\I'>X*SQEU_CGG.@'^E@:>$ST<\XB+KN L2SW0:Q MAZ^_X GXV&M)1.ZT6A&/I5]6@=#*E6[C:KKQ.,ZP4JE0'6%C5);$EC-*

2EY6N-M ?M%O>2D$SH?Q9LWWM:MU!*4X2%-U$A6.,RFW$:!$A@80_7,%AG13X#|PN8, MV-^B(X,%.5J(=A1.<6"!6(LPJ5'$8;$2VT3S4#"0Z5"R(3&U_6]9?PH:VD;L

MJ$;2%"C*K.";RFJ(HS9C8,YJV^X8[54'RA4=1R$00,A9E M49]Y&4]3\!.?18R'W,N> ^?)PWPN?,E^ B$5@MG3.+L(%B^-IO7)>E@)O\M3& M;KC-BHCFPB

*%4_L(E&D+F9DC/YK>60Y511+X+1N;,:C9=T>!!V7MK>NK587-M' VDC$(4.!N,.Y)1,R2B4%,S1Y"& 7J1IM@!00>BW#&2A[!JX[(>6NN>)_!_K'RV'AH/*Q R-MBTF(AY<#!ZR\4P?*

*M<9]E'H1!GT(4>DD&>1JRV!YWS6A&ISWH^-*NY#1(0D8NZBE&=KBMM@(A8T5-W.?2\,*96JL M9R6/5D7C\6.M&'\;,@1.C@')(;SXNU,N;IE0UH.@+Q"-7%3%UC-#VG/CX_@*

*MV+7GQ[S9:W.ES8F4#7YLN1*CA4J-92P'JFW_IF.Q%!' CNR@[_+*BQA ZW3 M@^6/EPG/ZT/"?3^.0A!3F+,X305GE$8B!XW?]:Y\LL+/_':JN/.CY=9]/CP*

MF<7!8&OHJ"X,^3):NC9L8K0V^U>QH4H.9-%3$_RH&I=,V<;B42ZN22T-!??:D&C)CFXKQ^0)B2H)#32]D-PET4V=&\DEU=.2C:! MFQ.!I6VI-C:8@Q\QB"#V_&>N_1RNY4^.*

M:WMKEPV\[:]Z=E%N1\)H'7T6EQ/)+;RH4:7S//2K6MM\D24:U7Q.%^2=I+DL M9#6SH=TV6RR '8@<8QI,KA5=R3-T.SUHY)EM_& -1%,>I!XD?

M]_DB;R4YEF:AUGLY6&20ABESPCZ.0CB3P!!K2-O4L(^<6MS/.L 5A3=0TG9 M4$\Q5FOK]BMQU9961\I4VUFDP.I&@QT8G$7R9XVQ&O9WM,=@:1#C7.G=#L.*

*MAJAQ3Q#MPT7W?+\Q]K@Q=4C-(C*UZLA!$+C3DFZ6GDDWX7]\$7[./%.^>Z# MY^VPP0=YG NX]C,.R:H"^(PF*

*MS!4&D_8\EVBT.^0(285]RUB)AW]M,FW./7/BSEC@FA]*Z9.XIX_'AYN*3/@O2 M/O-MXBI"394Q2%,(/%]PQ$X2/&[,*Z^>@JY>/M"(@,T>222/??)EGZ$Q"8B* M-*

DQ;I+^G0# 9$*M)U+@@R^6=W#M-_< [@6@-E/=/(R]G<1AQ/X=^'[CHOX_\K>3#![<]32);;^$UH5!!=Q X).1T_9A2YQN$^G(-M_>ZEH&.#9>9;^WR>TS"*">8' MW O"E :12$5.&?

6@SQ-42"()Q1?HL@= (FOI5@]IS<]55:D1SNSXEKAGN40/ M\B.O2^R_X_O[SE=|VG)B3AK 7=U M-Y;T[FG'"XR+K[SH+!7M?M#]O.Y\IW0NJ,LA_6U+KW?^+6:-MO^%^;BZA98

M;=;/,Y ^,#>+,Y,D'IH7E@B),U M,6WDA"S/OEH\8WQ@QW.W<;VW/1I_FK7U_:_;6V M>+MWJ[+637^,%5Z#'(_@=++YU?F'_JG4;L?#_P-02P,$% @*

*>]R266]K MP@&2!0 .18 !4 !E9C(P,#,U-C X7V5X,S(M,2YH=&WM6.MOVS80_SY@ M_\--Q=8$\$N2[?B5 &T>6-"@"9(,V%>*HBRN,JE15&WWK]^1DFSYU25%^@-V M(T*

H4CS>'>_WNSM-8CU+SG[^"6 2,Q+:;$8XUUPD[F[2+_^7D+\TFW'#*1,9" MT'($;Y4DH>+AE,$5%T103A)XD$FNN119 VYNSHNM]GO[F\W"DG9I

MRB20X1"*96)5*?.]\C^,CT,F&G3B2%;D9DQI/E"%XG_\AG+X#V;P[V<$?%Z M#*8]XY_8"\V4(W2<*$0D>)BW#&2A[!]X[(>6NN>)_!_K'RV'AH/*Q R-MBTF(AY<#!ZR\4P?*

*=JIE:Z18S8^@(NNEBYQ0(/TP53(787-[J:YB(7(,Z*F M7#2-QB,@N9;K*54<4LP%4H4,90DI&%HR:1\R Q\J-7<]\!FRGVEM;6X@DQ#/*

MOOSS]^NWUX,@8Q34]2@UF01J/;&S_)5U>V#4A#>X?]\#YTQI'G%)2,0,<, MSF/.(KA<,(I ^,C@-L(WF/J.ACAGUPVX4D1\@!O&&HUQF?RUE*Q-(^N>/C!H.8L7_90#]*

*V1(^'#E/&$*Q 6FNLIP@ MVG&E+A"WA#=5FQ>MTO :X _BC|= Z;ZVQ7W>C\.G: AZ?. M)S?H>T&_'WH|/^S206_@=?K,CP9>Y$?,I9&4:$*R|NN&9?C0:.C6= M*

*>IC8X.J%/QH;H&2I H2+=/QYM9B0[@OHBP'C&&?C,H0OV!C:%0@OT0I4HCQ MS(87=\!UV*W.V9%[/&F;M\XV+W-U>EN'3[6RP,WGC+0D^.V-?$0PO!$BQ\QY MSU*I$*

<"KJ2:H8#FNQ6E%,!#<L4,)&5:2CP)|;T8A'\U:>6,B# M3)FR9V8EHO>30,E'K1\)RB]9+ID+0/>SJ30M"MVH\G@& 3/34:X$SV\E7JQ MLZI>D'S=_LFX*\2-F^<PDKPAU4*

M)%MGUH:A8(FS:LZSVFUE>]:7;C0:F2T))P%/N%X6.@&@9R&V!0YC;=,W.I MR@E,4%*)FBG;OP5+(C)RC#2:H6<$W;(K"8] Y\)PPM9T2;"90>VQ@"\K2E:)X*

*M@:9/M&H6>6F*Y*>,@TTX6SU-!]MIDP%';9=K^U>:M38:F>VF9AU2A_N=I^6% MHGVR0TON)\.38<\?!OF HUW_1#L8N /F,A(-@RC]HWODTG*8TT?F)-TPW>]*

MT9/U6T@VBRRC=LU@9:G=\WA>ZFSU"B06LO9'+QT 9E,.-+,-#C"ZMW\'>]+ M12^,X7;6AJOJ-^_?P MW&UN#P-0G#K>UW?>JEFL<^!.F"6.QN6G^PP_Z&.EQ@I8PUM]HU

*MT#=5X^A,O7M0)/ZCC^.O[-N7SE,(31$-5-T4\!3*(#4Z-Q.59$W(E&-R2&$>3*444M-T0%0F"$AS6 M*1"0=)9%"Z;CHG)GV6NN>23S/?__WWN]^]_ K]TQ3]UKKNK[7]_I>UUK3*

*M3/=ON'KA(VZ*F8FI"6[,F#&X\^:|_N.%W."\F2DZ;K[UF_'2]BY22%WI)B="X"0O6IC^6HY5V+M1QW>_45I^QLQ9 M"LHJJD22FN[297KZRU<8K3,VH:PW-;/=L-'.WF$3W6W;=O<=#*

*J/[P,'#QWV M.>(,$1%R.C+D?'&QJ4_GKA A]8I MY[J_5%I^H6Z]?Q!B0/(FI.#*N,Y 8_[=*V!PXZ-NXGG4]=?B643<___X__#C*

M0DRTO5QAJ24WOMZ+$<]RDQ8G]X_'M!!:Z>J;RL]+E;6U&8FET6,FQ\=$ZZQ_M(:M8_FL)Z'6T./+G!>.R?/VE/?MNM#1MWQN8"GU2$!5^'I#QF0[4SB!LZ_GV](5++9/#P?

*8K.UM'NU.2=6@I,X8%S5(B@E_M7;FO)_Y3&H^V1Y%W*C!5*ZU%;]<0WS#76 7P (K2K+[""@9>/,&>!{A?! M^C(0XLG%RBKUK2;UK1O&EF)K$BVC6NCNZ)KM 9K%,9'1B,)?0+#<*

4+CZUV\MS>$R|\:O)%?R"Q"1(;)?WIT.O>B?EKC[TK*YHJF.("-[$ #C_((42 2F]\; M_K>+^8THNAD@RYB>V%j^Y5GL_^AF#^!6PX@-%2M&=6N^&/?AN8%44V

&7'RR@N7BU6H)^)6X,R+S:,: Z!D-. M//R-Q/@Z0/ Q!(C(2=?8>6(*TS%/QZ50/H_U<$HIP#(5QY1"]:Q6Z MFJE!.OF6!4(N!9!U#QGD:\-69R3ICGDW<K2E:)X*

X$@&P!X6U8 MNZ;5JA85Q26,&?\GX7 =%R"N783[_8!R-D^4&>&W0]2:@\1C'4..G@ "9N:K_9G M$;.^-10_+"O<3U722#G9M7&+C98^3-O+2).TUS<:%1<:+'HS?]?1MD\.8%]+W

*MDI=/O6Q M;5O&G\'7=)LO;KX'!LZ^8,\LG$K6OQ[;>9D?V^/_,- A)^NO:F\'M9LV.E;D#-[?;%7+,)5[Z?>Q*H/3S5PJGSQS&Y.KGA=9>8'&9YC<6N5XW&#C1&UK[*

M.:@QW',&H4Y7F%$P)*V:A>%3 ;FB#5;9!YV%*)S:)P)DGLVQG9<* M!5WFP[B\"4YU<@U2-EG"@41![]>A=DJ5I.#4]-H\9#Q2.%T_+U>]P"3.2_## M6B$$$I;1JC6-LQ#*

(R01AM48/BLXS=+5(2_-U2_PITHZ\RB-_OXV4KH'6+ MB/#,A1B)O=_Z+3C"?JZ8"TSV.2H+'OV+K*@>GRI'<8UV_IBDV!X79^N^<(MN.IM!996W17%N0.+$U)F?Y88QP SRL"3-*

*4#;NHN*E^PG?%YG-!_@ MF'-0!JRV1J3W),(X"H7JUI.I6-8(S>TI"]>_?V*%JG" "\>I*/*]/6D%!$!4\(= .D/946N7P)EM0[E.JIF.N1\ M\)ULF_[5]R"3EP%"3<2Z?2!,96-*

*8^QLP+Q=QEL575(*6@?F!I<46F.C$>D3:< M !$!?\]R=.0Z@+*G0U3SN-#76*"""Q-.=X 3SD'WI@(1B"JC/PV,AR-6"F=A MF)NASS"/H\U; $*!9#^ HB MK$\&FB_#;N$YLUTIO,C6#*

<6#+<+^!!'2+HGD$E"52%2$3;['QT$=!%0-XNJO MC]T+I8:D3T[5-6C-Q;(#B(6)+&5(.!XB?7J#E&+]YZGRC$$9K*F3/;)&9 MY)L9%T$>AG$H$;"7#N.N^HN(BD1?

*V3=EA\9+B12I"A5;LE;K;)C%7DYI'Z%N M?2D4U>/^J9_ID@Y.%.M74^IA*4CL\G(-/O\E"/#?=!,+X+EA-64#$JA)A1\36S5)C(IJE\!HNY2URI#'NG5+PB]XT84+\XCA*9[M+!*

<%D+%U=(R0[MN3A:\AC<)2\#5E\%%>6CSL@:&@\V!^AQ\VT6B$!E(OWE: M5=PZL'1LG?6K27H8F!-Z,,&-0[" #L8RR$'H^6N SWHBSJ/ M'F1B>S#6@SW$600&4,.*

(08&LRGB;,?[%ZRA@ :,;M#13$PIYP 8K.#+@B(W M4<5,';8AX^50U2!(S3;L9C$3]&81J9G$"G&BL%R _^@62/&0"0)QO@79RTU# M8/I6-.Q^=0W $Q-4??GO-*

56:BJ/MP>Y$"N^#*4]=95$Y[!"H1!OR(6)PP M,4Q"]+/H&B$*JRD4!%93X[)TP79/]4@-2"WZ=2"-92*!IL&R9R+?(C6$4'.RU^Y'S%5L#Z/ZR%O:(\RK81[\"B%NW%\!#XUV!YA!"]*

*M1B#]_A);]*CF*%:"T2=XL.C\AOH*%7$Y6 [ENO?W/*[SA"R)3BT4[.CS#7@G M//U_(Y,>@A&BX=!>T:$$.S!<7BJ#"K=0< K_VTD4GG8CL,-/^2C!%8QLE](#*

*M&L09C!5_P=!XU7M@+3SZ$##%+$")T,3L0#;G6.\1K16UZ(X>C*X(16IHKO@->-MPIEU>,Y3,"&("(5/OJSA"]"4X-DG%^XS9AAQO$*XHV.Y#!.]N'CR% 9*JMB!*

MNAQL,'>PS9[X:T)>55OBO<(+[17HI<49M%?4H0{JI3FM"8YX8HQYXJ,+.C#G MU2:I>@3VXC>!,OQLYNN/PD;C@YWN1-%X]3V.I0'N.]?=NO_UXQBQQ)XK ?'*

*MU)FB/>W:B/Q_-2'1@7F:L!0FHGT6P (R)G5A'3S8-XPZX_V-UBMVPZ^5B\R7 M7#2?7EMR%DRXYO-!B5DEW;FC G39"DJ*XO[""\NL;WRUO"N<3UAHU5'\6:M-M*

M=N[46.79F:IC%MK4@T5UKX6M29W\\.7AXD$<5U M]VA#9L@Y1[+TK@Q86S\F2Y;NS?ZV_"\<-X4/-4B!0]&9J1[+M^R.O_B@G) M(TX23[582S76C1X_GN/&UX\^58(/9NGT2 S=*

<1Q_?\RD++>\'!&]OR3@:.+'6C M7CTGKW#5^\93F:7.NFX'#RBD#T2GE=#K8W:4NWC$78\@TO>/L964*R$I"]0] MGZPA??!(V4?RVK1\;GKB&8-

*TTXR;SC1G6M9[W77R5_&T2+ACM(OZ-V%LI)P>06E!->F0M*UI MF'74T3.6_F&[#6@-D5K[E;3"'TB:LHA9V=-F?6&M!4^(C!7:'I\X_*-_+,N(*

*M5NVG2URSWH:V1W>/;N;D=;K?$MM2/+RLZMM*Y1^;?V&%X<.WL"_F#KB&;,Q'?Z7XR)MDSK91SB)X;C[^AF)\1,7F=",QNA0>2O#%1:\)VOZ)!" MY%"_ R?*

C4KS@LC,,-5;5O$L)M9Y["MY>(Y\$DBMU6SR B<+#MFA=!3%9M1X.@ M$^<4DI=9VW*]?)>?><;,.ZNGV%]!!3T%.B!2E,@.$D-4]B\=1=^%R!

*M%&U3X^IH!FY)%M%TI#/X,EV>7Y(NV@'7+4K1LUN["7W5(<@^G[ON\[K@#YX6< M!FF2>G#H7Q!<$M6$NS\NUX'[G:]OF[(E4 T0MTSZ2&)C<-H7L"[&H^$*2T-U MG/'=2.*

<4;4M=1_R4]_YASMPD:8U5ZW2VSY8T9YD=5@W1"[)-+%[E\GU^HC8E MDB;M2&N%@[#9BS8\!%+T]\>3%U&_L [BLPO>QL5(JA2%4T!0M#6B%U03 MJTF-,=\+ T(G?F%9+

*)]GS[1,>=,X M_Y7HAVY*_:4;R,G)N!HF* Q(Q M<\S?\+H.7,6WE96^M+^SSH_XEO;1RM(P2COS--W\"!OL8!B_[G=9O\!5^6 M9:#25"FV)UTO1NIFGVH[?3XS,50,O8/8*#G...*

*LQ&)\.0%J017D%PAU\CJC MC,CM@+D8-@QOMN0*UF&"TNPT %D=)G&.N,T6AO^AR6'FCQ_F;2E_Q4KO.?D M">SMQ#4TU'.OH[*GE"RBIM^RK,&IA2'IX*J"=ZN\=@Z(3&]*

F4MJ>QU]7XEP_!=0 ")$=79X.)9_XOAU.0!&VAG M-0>_)3AT:AM(SA53]T^?8?K5UIBS+,'%75Q /&#*QN@0 !1K/&,Z:Q8$.6AF M+SE.#[CF%A.37F*D6] ,(OAM8JP9H[A!P(B@,D8-;J9_0PU5)4'51B-"O[3 MG1,J26^3I)<'/CO32VN34R'&-R YI&T(#X>+PCF[36%DR<'.0)RFQJNZL!Q!C2 LIXJ7P-5/S,)23VA6HVN;1VU
M?.KD(LN(942^^@68WM/;M@WG60DO=XRS]1&DL,PHMKMD/""@X$]Y(SW7SEHN MU3(^5,,T9N>%\HM]BZ)YR3WRA^1;SAWZUFGNF]%|\W9\Q^EMJXINY]R)_I)
M=.B!&V/C3A[-=)9NL>AJ|)&F$Z^I),:SN=574BU#3:%4WA6&<8-,M6<>OE5_MNX1M;R1N:TC83:=P3EW(M;JRY|\$S7[4Q],W3MZ7.L3E:M]N2)G0KFZ0$5$Q0<|Y\L>!#?
+>BPI7[G/B, M'0?HA/LQ|_Q'C",7*(=W'39C..33QT5K_.YNC6T,=^!86@8[!:T:(T MVI%Z-VSR-E6ZMKEI=.A[*3,=8Q72-,S"03V\>[(4;,I)BQE.CQ]M;4+Z"SP]
M;!7C&\]6N(;83KE65NYQV';29&('1]?U_'A&ZVI_/DG?'R+!35Y8K2-A[:Q M]N3X,-U+B8LE5<)TJ2PC:6USXQ7MFL;TF1S=,.Z[U8Y[/'S+VCG>O#/1-F&T6C5D7>+HMQ-V
M!\Q]PN7CW2,NF9Z;E9!PS2W%R|)X]O5;Y]JEWN;19JY9,9T&B <(36OQ9'%V;"7]TG@3^8HE) M@!YW&'"%8X!YB,Z8JA&K"D"O@SD[FX">-]S9G685G7].8"5]XU08(,2_ 8;X M\[=4/
Y36=H6;LF)C9$'M21,HP" ,3HF)"]SVB,+FOL54Q9.#\#"VVA7G(14 M#<^4F6"IXN%EHG9R%DA]X_D 71'#K<)?92P+;K1SH:TI1[?-/9CUR=O$XQWQ MG=E'_.F+%Z+.5!@@1NWU.
[,35&*B/3P3+I5HWZH)Z^E"[RMS[YRV?Q8Y]7- M/&O"K1*+CXL/&"MJ*#5MWO90^GWF7/7QS[/DKZ;^WZ]+]7ETOT3@K>W#;HDG)?Z+OXN')&YI:#P8FT2=MU#[EP
MW8]HI*N^K/Q[V\"-S,H#I"TQ7Y;>'<9-J.7G-O^|<6'?KL%%R^8;S_)Z;AN8 MROBI1^ZS_F(G=;I1" :O;KC46E9H?%#+O&SOK0#AU)2|\^TPUZWZ31&'SS??R MARA:@=
[C3*U^J'NC(08X.>YA=L06169L!R^*"K(#&VE'(AY 5\.X]^0(0N?9 M8D'Y +7-(8\WQ_:Q#^(/=3_AU&R1S23@,&5(WOSE_-K\'XP?.Z'-8=POH['I MKIM"5D9=W3Z6#@[4)_?O!=?
8_10583.W;9.34Z#Wl%><5ZFQ_29-T!"Y7B%V M*.D[&'* (?P+RJ7-3.2>\G-!&/- .:=LF<\+D1M5+YHUV=>B*<$.>&-XFIYHI M'2X#X5>W@Q=2 M^P2&NQ.Q -/UA-&R70M$BY. 1;-
C8# C8;OR,6?_AMX!0@QJ+#N2F3W"O*IH MDI\\N7WF86V#&H.:$0[#,,<8%/Z/%&P(_]%OTBB&.1_)*),/X<)(\,XDKYS MJM./'?\5VPC,/:-C6!;V,C5/%#'F-=HPF- +D[E;LU=$ MZ-
JY+\E+PDV!FL]9PGQC*M/-"9OQIKZV<%K90&4ZO"0N."#$ 5JO!52TZR6/ MW!',1.K4!>YN%V2?44X*:G5"#(^]MVT/\^>^9*^*WCY252!X""BI;>:B?$R< M|\1"&$F/:H0HU\NT?
8UC2MVO&;';J/%?\"SXY@@PDS9G<2(ZEQ-*'<1AN&X.E M,(76U1E;W28W4BY%6U0U]"/-)BC.!544F>Y\9|+AY6T-82]OG>P_| OC=F(-Q:N]]5BI ;;)$25!]G(-V!E2T$5J/29\G.\/3!;|
(*U# ^JD8E6M*NIOP=:#W3$OS)KM"L:0X M!=AS3K:L^P0@]*(]@Q\4$4_7^C%=;2L8,C-*;&L"N/&)I=@'1G4OE,-%8DU MXICC6!%?W8VR?1.0:#ZR7A%$P$$-!;9Y+&3K
M$8=,4!VN1T2U Q?H,O.!$BP5^<$0IM,RK-E@#?Y7PRR$ B+$@ ,,1.Z0N,3^ ML!;\Y\K1;8H,!O^(850+^W>7V,(E;"$B-&&5]'&D, ^'^UT1MLGLCYDIV$B8D M0*@-
Z@T1609+82TB7F 1:&Y#]:VYC+WB;LGII%'[6!)LZP79P4U@YWG=B06U M4K1W&H;!M&K]+#*H>0^AP8S&B)G+ 8,S-1)5?]$B\@8J7Q.F;F09C.A\/\R<
M81@!M=B#B@=W(^91&\6"$ -8@BY;*S87ABG7 W,%MYTB MT=X2?1@89(ZT.R @@Y9:#'RTAR@^\C9$K],*P'V>B'K%W_KR2]"'7Z[ ]"A*% M-A]LBPYL+&VLJL- EXJY\))/7;"
<"&$4(^X@&L HHA#OJC!C*EV8)N8KP^4/-9J/9 1L8"%H]L- MCQ=(>N/B@RBZI6%!YG;HG(0(0(!B#*V9^^OC&%]_$_AT] MVH1AW1(0 ,"-
,WFPZ$D&12,Z%;MG*RC0_T3YX"AY,U0K'UV!VLKZEN*B%V? MO#K= .Q1S%5AKU+9OV]?G&HM>)),I*,M=O8?!5\$I27[*D"[JV(9M"ML;V@
M4E[UDE'VR>V)E]29PJF7Q&UK!SP]KR]S7_)RWF"4XFY3_$,6/$BXHK013]M* M@>>[9Y=Y,7S*[R$D/K^@GE$^>6W5XM,GEDR-6%K9/.AV;=,X3!N#E]RH.WN> M[5/W?
9/3M\L)\%Z>R^$5;FN]TO'XG5@1T5#7(CSAOO,2L1B^.+@V4WK_(M7(51Y38"ZEMKX_M MW_+*"4UU:B,RL]03OQLKKD]_B3NV9\LKMR'HT^,U\"*+\QQ_9.R-4-G6_1W[
M\ZJ!S'TVNL2\["WV;PNYA!WX["G";(TF+5TB,QLS7SX@4<9>2.ME.&V.]+ZX M D^NQ=>U$?.RU*]_EP(+%"-6%,C_JB[F68]K>8TIMPC/2^ MA*)BBR%IGCG+=Q@D-;7CDR;
(9Q^VSSTEQ >#'/%,.!(^ZG M>K(/+W>+,Q(4I>W%.]7*5<(X[K#-#*,);L;7?H%V2)_6!@Y%E!^1*(M\KACN MA^\&P0@3YTIK=MC;?F,..$5:E*3SAD1 %C 5L0*L2%! S@67?6G'P*,7 L9
M,&(0:OT6)'QU-Z?M4QG;/0 2S $$AW?%B980OU/$_B>? MDNV3U/U*9>Z_'[O0E_I9%L0H&1+I'2[.;RFYC+)+ =G51,A6@?1J"^"2^9#B M T)(,0Q^LPCQ-0:TF >HL@:/K2"[&1W>$H
I_RMHV8$/ -9SO"!.%2C(FURM M!0"'H9PU_PPU_RR]|3G*UC .TL(5/@X<"OA^* 89/G=]'&U-S_/#RYEM,YE9 M9#5K^^2>\MU8]3SQP.M< $M3$ #L.T+9P05'E"(SC 8_/[A_F#1>L\/V-
1P8!@'+N>N[TZ"166=\{O)B\T2"D.N8D") M/<_7]O-:B N3!/3_>(O36SXT-C!%^$"CB03S1X3T1U0"=;'G49\% !91N>V' M"HSL[?(7N0]D.?R)S4D.D,%2I/3KH&*"9
QD>>$3NT)ZEM>#I&88FGVLSM[M8\.UP)Y+?? V990,[=B7$N_I"H"K7B#:_? MU@J0K=*!G>;IC%Z&HL:.Y3"W)&8:E-QF^4C/\EY&;*IU=C%6!!288;FR7?1E MJ1KK"/18[YA178-
3S=M%7SY%F+FJ:.4@$$ C0!KO&P:,\$$#,..Y0P\!)]#X Mf2F9C!K>_GF#%4.7FZ!5D!]8,HJ57/'ENE&752H3_CF[Z&MOZFR{|> M**)(I1DC&#F8=70YPVA4_%#K@"T.S-
J0#E*W"]R/0XE94X&U6>![5E@_X=/ MM\(\;;OI$/:)$9:P="$X'S&[U%I M_4%|S"CJFY=Q52]fX;>>!PI;_KC"/9:GD?TD)U('YVWG_&9DDC+)@SF)VLZ-G
MG/Y0.X@U!FGOTC_2.N<,\U\5>:HG!8CZK]\V:AM'?XM M<;S=H'1S,W5^*VCLJA 1 JQ*?3'%GK:H\+G5F:N>2XWRBCIRC'R89Z7:>B<4 M/MA1PO.PUK[XACE4P)\=
(Z&;%P/4_]^U\2\D\D4D]BW/@WL2$7K &AT")-0 MM4.=T+!3%VPEU;S[\X$L]'7!=%+!FK^9N%N!GH#@S"F3TRC@CA/7+*@L.C'MI@])$7_B%)ZZ6O*/QT1P(+TVCBMZ-PH^2/ '"\^S
M&6.,MQD+EX\!B[$_AIEHO!B/H\%O6& 6_(3Y. Z8.996:HQ3AM)0S8UQ^'#P_MC2M8!__:9@R1#Y:$\ZC8VG"P5E(9?!,5?U"T!@V6 *N('?H80HNJ!"YH_X&
M9Z*Y,,;TE]O$,.O$4-.S4^637T1'<;4*;3H8T?.6*(04>1YB77_UP'B&>\J3 M24]7ED^JGMNJTO&Y,#K_?I6"P0^SMDJ316VY-7D?$H9\F3[V.8X^$6'DI>[6
M#7U.#>0KG]&HR_QV/%.MOS@O;I#"-[)G\]47O=W"3DY[LZ!^Z^K< M)>0Z@>>>;3],8[!YN^Y2JB7>JK*[%?D@0OG;Z)OV=W6\>)"17@2?KOF$VOF>XOTEOR:F0$+60P)_]A0G\;^Y/
4Z?A.YG=D]1^ M?AAW1[FZYW;[.&$/H88D:/E.[K>0A9:=^LU+X+-5AFS;\T.&>X>,F3EF2\>! M^!:"T+.&<