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UNITED STATESSECURITIES AND EXCHANGE COMMISSIONWashington, D.C. 20549FORM 10-Q (Mark One)â˜QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the quarterly period ended August 3, 2024orâ˜TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the transition period from _____ to _____ Commission File Number: 001-41249 Credo Technology Group Holding Ltd(Exact name of registrant as specified in its charter)Cayman IslandsN/A(State or other jurisdiction of incorporation or organization)(I.R.S. Employer Identification No.)c/o Maples Corporate Services, Limited,PO Box 309, Ugland HouseGrand Cayman, KY1-1104, Cayman IslandsN/A(Address of principal executive offices)(Zip Code)(408) 664-9329 Registrant's telephone number, including area codeSecurities registered pursuant to Section 12(b) of the Act: Title of each classTrading Symbol(s)Name of each exchange on which registeredOrdinary shares, par value $0.00005 per shareCRDOThe Nasdaq Stock Market LLCIndicate 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.Â Â Â Â YesÂ Â â˜Â Â Â Â NoÂ Â â˜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). Â Â Â Â YesÂ Â â˜Â Â Â Â NoÂ Â â˜Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting company,â€ and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act:Large accelerated filerâ˜Accelerated filerâ˜Non-accelerated filerÂ Â â˜Smaller reporting companyâ˜Emerging growth companyâ˜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 is a shell company (as defined in Rule 12b-2 of the Act). Â Â Â Â YesÂ Â â˜Â Â Â Â NoÂ â˜The registrant had 166,064,425 ordinary shares outstanding as of AugustÂ 28, 2024.Table of ContentsPageSpecial Note Regarding Forward-looking Statements3PART 1â€”FINANCIAL INFORMATION5Item 1.Financial Statements5Condensed Consolidated Balance Sheets5Condensed Consolidated Statements of Operations6Condensed Consolidated Statements of Comprehensive Loss7Condensed Consolidated Statements of Shareholdersâ€™ Equity8Condensed Consolidated Statements of Cash Flows9Notes to Unaudited Condensed Consolidated Financial Statements10Item 2.Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations19Item 3.Quantitative and Qualitative Disclosures About Market Risk24Item 4.Controls and ProceduresÂ 24PART IIâ€”OTHER INFORMATION26Item 1.Legal Proceedings26Item 1A.Risk Factors26Item 5.Other Information26Item 6.Exhibits27Signatures282Special Note Regarding Forward-Looking StatementsThis Quarterly Report on Form 10-Q contains statements relating to our expectations, projections, beliefs, and prospects, which are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. In some cases, you can identify these statements by forward-looking words such as â€œanticipate,â€ â€œexpect,â€ â€œintend,â€ â€œplan,â€ â€œgoal,â€ â€œprojects,â€ â€œbelieves,â€ â€œseeks,â€ â€œestimates,â€ "forecast," "target," â€œpredict,â€ â€œfuture,â€ â€œmay,â€ â€œcan,â€ â€œwill,â€ â€œwouldâ€ or the negative of these terms or similar expressions. You should read these statements carefully because they may relate to future expectations around growth, strategy and anticipated trends in our business, contain projections of future results of operations or financial condition or state other â€œforward-lookingâ€ information. These statements are only predictions based on our current expectations, estimates, assumptions, and projections about future events and are applicable only as of the dates of such statements. These forward-looking statements are subject to certain risks and uncertainties that could cause our actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied by the forward-looking statements. Factors that could cause or contribute to such differences include, but are not limited to, those identified herein, and those discussed in the section titled â€œRisk Factorsâ€ of our Annual Report on Form 10-K for the fiscal year ended April 27, 2024 and our Quarterly Reports on Form 10-Q and other reports we file with the U.S. Securities and Exchange Commission (SEC). Factors that could cause actual results to differ materially from those predicted include, but are not limited to:â€¢our expectations regarding our ability to address market and customer demands and to timely develop new or enhanced solutions to meet those demands;â€¢anticipated trends, challenges and growth in our business and the markets in which we operate, including pricing expectations;â€¢our expectations regarding our revenue, revenue mix, average selling prices, gross margin, and expenses;â€¢our expectations regarding dependence on a limited number of customers and end customers;â€¢our customer relationships and our ability to retain and expand our customer relationships and to achieve design wins;â€¢our expectations regarding the success, cost, and timing of new products;â€¢the size and growth potential of the markets for our solutions, and our ability to serve and expand our presence in those markets;â€¢our expectations regarding competition in our existing and future markets;â€¢the impact a pandemic, epidemic, or other outbreak of disease may in the future have on our business, results of operations and financial condition, as well as the businesses of our suppliers and customers;â€¢our expectations regarding regulatory developments in the United States and foreign countries;â€¢our expectations regarding the performance of, and our relationships with, our third-party suppliers and manufacturers;â€¢our expectations regarding our ability to attract and retain key personnel; andâ€¢the accuracy of our estimates regarding capital requirements and needs for additional financing.The forward-looking statements in this Quarterly Report on Form 10-Q represent our views as of the date of this Quarterly Report on Form 10-Q. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. Given these uncertainties, you should not place undue reliance on these forward-looking statements. Except as may be required by law, we assume no obligation to update these forward-looking statements or the reasons that results could differ from these forward-looking statements. You should, therefore, not rely on these forward-looking statements as representing our views as of any date subsequent to the date of this Quarterly Report on Form 10-Q. You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee that the future results, 3levels of activity, performance or events and circumstances reflected in the forward-looking statements will be achieved or will occur.4PART Iâ€”FINANCIAL INFORMATIONItem 1. Financial Statements.Credo Technology Group Holding LtdCondensed Consolidated Balance Sheets(unaudited, in thousands, except per share amounts)August 3, 2024April 27, 2024AssetsCurrent assets:Cash and cash equivalents$103,900Â $66,942Â Short-term investments294,716Â 343,061Â Accounts receivable71,859Â 59,662Â Inventories31,557Â 25,907Â Contract assets24,400Â 21,562Â Prepaid expenses and other current assets15,921Â 13,131Â Total current assets 542,353Â 530,265Â Property and equipment, net70,241Â 43,665Â Right of use assets15,860Â 13,077Â Other non-current assets16,411Â 14,925Â Total assets $644,865Â $601,932Â Liabilities and Shareholders' EquityCurrent liabilities:Accounts payable$38,473Â $13,417Â Accrued compensation and benefits7,808Â 9,000Â Accrued expenses and other current liabilities20,218Â 18,301Â Deferred revenue2,917Â 3,902Â Total current liabilities 69,416Â 44,620Â Non-current operating lease liabilities13,530Â 11,133Â Other non-current liabilities8,817Â 5,981Â Total liabilities 91,763Â 61,734Â Commitments and contingencies (Note 7)Shareholders' equity:Ordinary shares, $0.00005 par value; 1,000,000 shares authorized; 165,965 and 164,305 shares issued and outstanding at August 3, 2024 and April 27, 2024, respectively88Additional paid in capital698,354Â 676,054Â Accumulated other comprehensive loss(375)(519)Accumulated deficit(144,885)(135,345)Total shareholders' equity553,102Â 540,198Â Total liabilities and shareholders' equity$644,865Â $601,932Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.5Credo Technology Group Holding LtdCondensed Consolidated Statements of Operations(unaudited, in thousands, except per share amounts)Three Months EndedAugust 3, 2024July 29, 2023Revenue:Product sales$53,839Â $30,028Â Product engineering services3,486Â 2,293Â IP license2,389Â 2,774Â Total revenue59,714Â 35,095Â Cost of revenue:Cost of product sales

revenue21,884Â 13,868Â Cost of product engineering services revenue452Â 293Â Cost of IP license revenue95Â 144Â Total cost of revenue22,431Â 14,305Â Gross profit37,283Â 20,790Â Operating expenses:Research and development30,409Â 22,638Â Selling, general and administrative21,325Â 12,543Â Total operating expenses51,734Â 35,181Â Operating loss(14,451)(14,391)Other income, net5,533Â 2,157Â Loss before income taxes(8,918)(12,234)Provision (benefit) for income taxes622Â (537)Net loss$(9,540)$(11,697)Net loss per share:Basic and diluted(0.06)(0.08)Weighted-average shares:Basic and diluted165,140Â 149,277Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.6Credo Technology Group Holding LtdCondensed Consolidated Statements of Comprehensive Loss(unaudited, in thousands)Three Months EndedAugust 3, 2024July 29, 2023Net loss$(9,540)$(11,697)Other comprehensive gain (loss):Foreign currency translation gain (loss)144Â (162)Total comprehensive loss$(9,396)$(11,859)The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.7Credo Technology Group Holding LtdCondensed Consolidated Statements of Shareholdersâ€™ Equity(unaudited, in thousands)Ordinary SharesAdditional Paid-in CapitalAccumulated Other Comprehensive Income (Loss)Accumulated DeficitTotal Shareholdersâ€™ EquityNumber of SharesAmountBalances at April 27, 2024164,305$8Â $676,054Â (519)(135,345)$540,198Â Ordinary shares issued under equity incentive plans1,697â€”Â 3,513Â â€”Â â€”Â 3,513Â Tax withheld related to RSU settlement(37)â€”Â (1,071)â€”Â â€”Â (1,071)Share-based compensationâ€”â€”Â 16,640Â â€”Â â€”Â 16,640Â Warrant contra revenueâ€”â€”Â 3,218Â â€”Â â€”Â 3,218Â Total comprehensive lossâ€”â€”Â â€”Â 144Â (9,540)(9,396)Balances at August 3, 2024165,965$8Â $698,354Â (375)(144,885)$553,102Â Balances at April 29, 2023148,651$7Â $454,795Â (191)(106,976)$347,635Â Ordinary shares issued under equity incentive plans1,214â€”Â 3,440Â â€”Â â€”Â 3,440Â Tax withheld related to RSU settlement(11)â€”Â (180)â€”Â â€”Â (180)Share-based compensationâ€”â€”Â 7,968Â â€”Â â€”Â 7,968Â Warrant contra revenueâ€”â€”Â 436Â â€”Â â€”Â 436Â Total comprehensive lossâ€”$â€”Â $â€”Â (162)(11,697)$(11,859)Balances at July 29, 2023149,8547Â 466,459Â (353)(118,673)347,440Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.8Credo Technology Group Holding LtdCondensed Consolidated Statements of Cash Flows(unaudited, in thousands)Three Months EndedAugust 3, 2024July 29, 2023Cash flows from operating activities: Net loss$(9,540)$(11,697)Adjustments to reconcile net loss to net cash used in operating activities:Depreciation and amortization4,233Â 2,950Â Share-based compensation16,640Â 7,968Â Warrant contra revenue3,218Â 436Â Write-downs (releases) for excess and obsolete inventory(298)181Â Changes in operating assets and liabilities:Accounts receivable(12,197)21,574Â Inventories(5,352)5,049Â Contract assets(2,838)1,397Â Prepaid and other current assets(2,790)(859)Other non-current assets647Â (2,505)Accounts payable5,789Â 2,483Â Accrued expenses, compensation and other liabilities(3,662)(1,519)Deferred revenue(1,086)(850)Net cash provided by (used in) operating activities (7,236)24,608Â Cash flows from investing activities: Purchases of property and equipment(5,863)(5,312)Maturities of short-term investments162,061Â 59,228Â Purchases of short-term investments(113,716)(60,526)Net cash provided by (used in) investing activities 42,482Â (6,610)Cash flows from financing activities: Payments on technology license obligations(838)(2,726)Proceeds from employee share incentive plans3,513Â 3,440Â Tax withheld related to RSU settlement(1,071)(180)Net cash provided by financing activities1,604Â 534Â Effect of exchange rate changes on cash108Â (70)Net increase in cash and cash equivalents36,958Â 18,462Â Cash and cash equivalents at beginning of the period66,942Â 108,583Â Cash and cash equivalents at end of the period$103,900Â $127,045Â Supplemental cash flow information:Purchases of property and equipment included in accounts payable, accrued expenses and other liabilities$27,320Â $5,243Â The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.9Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial Statements 1. Description of Business and Basis of PresentationCredo Technology Group Holding Ltd was formed as an exempted company under the laws of the Cayman Islands in September 2014. Credo Technology Group Holding Ltd directly owns Credo Technology Group Ltd., which owns, directly and indirectly, all of the shares of its subsidiaries in mainland China, Hong Kong, and the United States (U.S.). References to the â€œCompanyâ€ in these notes refer to Credo Technology Group Holding Ltd and its subsidiaries on a consolidated basis, unless otherwise specified.The Company is an innovator in providing secure, high-speed connectivity solutions that deliver improved power and cost efficiency. The Companyâ€™s connectivity solutions are optimized for optical and electrical Ethernet applications, including the 100G, 200G, 400G, 800G and emerging 1.6T markets. The Companyâ€™s products are based on its Serializer/Deserializer (SerDes) and Digital Signal Processor (DSP) technologies. The Companyâ€™s product families include integrated circuits (ICs), Active Electrical Cables (AECs) and SerDes Chiplets. The Companyâ€™s intellectual property (IP) solutions consist primarily of SerDes IP licensing.Basis of PresentationThe accompanying unaudited condensed consolidated financial statements are presented in accordance with generally accepted accounting principles in the United States (US GAAP) applicable to interim periods, under the rules and regulations of the U.S. Securities and Exchange Commission (the SEC). Certain information and footnote disclosures normally included in financial statements prepared in accordance with US GAAP have been condensed or omitted as permitted by the SEC. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the Companyâ€™s fiscal year 2024 audited financial statements included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended April 27, 2024. The unaudited condensed consolidated financial statements include all adjustments, including normal recurring adjustments and other adjustments, that are considered necessary for fair presentation of the Companyâ€™s financial position and results of operations. All inter-company accounts and transactions have been eliminated. Operating results for the periods presented herein are not necessarily indicative of the results that may be expected for the entire year. The Companyâ€™s fiscal year is a 52- or 53-week period ending on the Saturday closest to April 30. Its fiscal year ending May 3, 2025 (fiscal year 2025) is a 53-week fiscal year. The first quarter of fiscal year 2025 ended on August 3, 2024, the second quarter ends on November 2, 2024, and the third quarter ends on February 1, 2025.2. Significant Accounting PoliciesThe Company believes that other than the accounting policies as described below, there have been no significant changes to the items disclosed in Note 2, â€œSignificant Accounting Policies,â€ included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended April 27, 2024.Use of EstimatesThe preparation of these condensed consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the Companyâ€™s condensed consolidated financial statements and accompanying notes.The Company bases its estimates and judgments on historical experience, knowledge of current conditions and beliefs of what could occur in the future, given the available information. Estimates are used for, but not limited to, write-down for excess and obsolete inventories, the standalone selling price for each distinct performance obligation included in customer contracts with multiple performance obligations, variable consideration from revenue contracts, the realization of tax assets and estimates of tax reserves, and impairment of long-lived assets. Actual results may differ from those estimates and such differences may be material to the financial statements. In the current macroeconomic environment, these estimates require increased judgment and carry a higher degree of variability and volatility. As events continue to evolve and additional information becomes available, these estimates may change materially in future periods.ReclassificationsCertain prior period balances were reclassified to conform to the current periodâ€™s presentation. None of these reclassifications had an impact on reported net income or cash flows for any of the periods presented.Recent Accounting Pronouncements Not Yet Adopted10Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial StatementsIn November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280) Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This standard is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. The Company is evaluating the impact that this new standard will have on its consolidated financial statements and disclosures.In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740) Improvements to Income Tax Disclosures, which requires disclosure of disaggregated income taxes paid, prescribes standard categories for the components of the effective tax rate reconciliation, and modifies other income tax-related disclosures. This standard is effective for fiscal years beginning after May 4, 2025, and may be applied on a retrospective or prospective basis. The Company is currently evaluating the impact of adopting this guidance on its consolidated financial statements and disclosures.3. ConcentrationsFinancial instruments that subject the Company to concentrations of credit risk consist primarily of cash and cash equivalents, short-term investments and accounts receivable. Cash is placed in major financial institutions around the world. The Companyâ€™s cash deposits exceed insured limits. Short-term investments are subject to counterparty risk up to the amount presented on the balance sheet.Historically, a relatively small number of customers have accounted for a significant portion of the Companyâ€™s revenue. The particular customers which account for revenue concentration have varied from period-to-period as a result of the addition of new contracts, completion of existing contracts, and the volumes and prices at which the customers have recently bought the Companyâ€™s products. These variations are expected to continue in the foreseeable future.The following tables summarize the accounts receivable and revenue as a percentage of total accounts receivable and total revenue, respectively, for the Companyâ€™s most significant customers. In the tables below, customers are defined as the contracting entities who place purchase orders or enter into revenue contracts with the Company:Accounts ReceivableAugust 3, 2024April 27, 2024Customer A70Â %53Â %Customer B*23Â %Three Months EndedRevenueAugust 3, 2024July 29, 2023Customer A56Â %41Â %Customer C*14Â %Customer B*12Â %* Less than 10% of total accounts receivable or total revenue.11Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial Statements4. Revenue RecognitionThe following table summarizes revenue disaggregated by primary geographical market based on destination of shipment and location of contracting entity, which may differ from the customerâ€™s principal offices (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Hong Kong$29,272Â $1,990Â United States10,800Â 6,415Â Mainland China9,748Â 16,081Â Taiwan758Â 5,346Â Rest of World9,136Â 5,263Â $59,714Â $35,095Â Contract BalancesThe contract assets are primarily related to the Companyâ€™s fixed fee IP licensing arrangements and rights to consideration for performance obligations delivered but not billed as of August 3, 2024 and April 27, 2024.During the three months ended August 3, 2024, the Company recognized $1.3Â million of revenue that was included in the deferred revenue balance as of April 27, 2024. During the three months ended July 29, 2023, the Company recognized $1.3 million of revenue that was included in the deferred revenue balance as of April 29, 2023.During the three months ended August 3, 2024, the increase in contract assets of $2.1Â million was primarily driven by certain product engineering services and IP licensing arrangements where certain billing milestones were not met prior to the timing of revenue recognition.Remaining Performance ObligationsRevenue allocated to remaining performance obligations represents the transaction price allocated to the performance obligations that are unsatisfied, or partially unsatisfied, which includes unearned revenue and amounts that will be invoiced and recognized as revenue in future periods. The contracted but unsatisfied performance obligation was approximately $8.5Â million and the satisfied but unrecognized performance obligation was approximately $1.1Â million as of August 3, 2024 which the Company expects to recognize over the next 12 months. The Company applied a performance constraint on the satisfied but unrecognized performance obligation due to uncertainty around the collectability of milestone payments.Customer Warrant During fiscal year 2022, the Company issued a warrant to Amazon.com NV Investment Holdings LLC (Holder) to purchase an aggregate of up to 4,080Â thousand of the Companyâ€™s ordinary shares at an exercise price of $10.74 per share (the Customer Warrant). The exercise period of the Customer Warrant is through the seventh anniversary of the issue date. Upon issuance of the Customer Warrant, 40Â thousand of the shares issuable upon exercise of the Customer Warrant vested immediately and the remainder of the shares issuable will vest in tranches over the contract term based on the amount of global payments by Holder and its affiliates to us, up to $201Â million in aggregate payments. A total of 1,580Â thousand and 1,080Â thousand of the shares issuable upon exercise of the Customer Warrant were vested as of August 3, 2024 and April 27, 2024, respectively.Using a grant date fair value of $4.65, the Company recognized $3.2Â million for the three months ended August 3, 2024, and $0.4Â million for the three months ended July 29, 2023, as contra revenue within product sales revenue on the condensed consolidated statements of operations. 5. Fair Value MeasurementsFair value is an exit price representing the amount that would be received in the sale of an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or a liability. As a basis for considering such assumptions, the accounting guidance establishes a three-tier value hierarchy, which prioritizes the inputs used in the valuation methodologies in measuring fair value:12Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial StatementsLevel 1 - Observable inputs that reflect quoted prices for identical assets or liabilities in active markets.Level 2 - Other inputs that are directly or indirectly observable in the marketplace.Level 3 - Unobservable inputs that are supported by little or no market activity.The fair value hierarchy also requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.The Company measures the fair value of money market funds using Level 1 inputs. The Companyâ€™s certificates of deposit are classified as held-to-maturity securities as the Company intends to hold until their maturity dates. The certificates of deposit are valued using Level 2 inputs. Pricing sources may include industry standard data providers, security master files from large financial institutions, and other third-party sources used to determine a daily market value.The following tables present the fair value of the financial instruments measured on a recurring basis as of August 3, 2024 and April 27, 2024 (in thousands).August 3, 2024Level 1Level 2Level 3TotalCash equivalents:Money market funds$45,028Â $â€”Â $â€”Â $45,028Â Certificates of depositâ€”Â 52,504Â â€”Â 52,504Â Short-term investments:Certificates of depositâ€”Â 294,716Â â€”Â 294,716Â Total cash equivalents and short-term investments$45,028Â $347,220Â $â€”Â $392,248Â April 27, 2024Level 1Level 2Level 3TotalCash equivalents:Money market funds$57,175Â $â€”Â $â€”Â $57,175Â Short-term investments:Certificates of depositâ€”Â 343,061Â â€”Â 343,061Â Total cash equivalents and short-term investments$57,175Â $343,061Â $â€”Â $400,236Â The carrying amount of the Companyâ€™s financial instruments, including cash equivalents, short-term investments, accounts receivable and accounts payable, approximate their respective fair values because of their short maturities. As of August 3, 2024 and April 27, 2024, there were no unrealized losses or gains associated with the Companyâ€™s financial instruments. Interest income recognized for the three months ended August 3, 2024 and July 29, 2023 was $5.8Â million and $2.6Â million, respectively.6. Supplemental Financial InformationInventoriesInventories consisted of the following (in thousands): August 3, 2024April 27, 2024Raw materials$11,837Â $9,415Â Work in process9,561Â 7,470Â Finished goods10,159Â 9,022Â $31,557Â $25,907Â 13Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial StatementsProperty and Equipment, NetProperty and equipment consisted of the following (in thousands):August 3, 2024April 27, 2024Production equipment$31,410Â $27,608Â Computer equipment and software26,771Â 18,271Â Laboratory equipment21,181Â 19,840Â Leasehold improvements2,721Â 2,525Â Others618Â 534Â Construction in progress20,499Â 3,616Â 103,200Â 72,394Â Less: Accumulated depreciation and amortization(32,959) (28,729)$70,241Â $43,665Â Depreciation and amortization expense was $4.2Â million for the three months ended August 3, 2024, and $3.0Â million for the three months ended July 29, 2023. Computer equipment and software primarily includes technology licenses for computer-aided design tools relating to the Companyâ€™s R&D design of future products and intellectual properties. Production equipment and construction in progress primarily include mask set costs capitalized relating to the Companyâ€™s products already introduced or to be introduced. Accrued Expenses and Other Current LiabilitiesAccrued expenses and other current liabilities consisted of the following (in thousands):August 3, 2024April 27, 2024Accrued expenses$10,641Â $9,610Â Current payables relating to purchases of property and equipment6,452Â 5,950Â Current portion of operating lease liabilities3,125Â 2,741Â $20,218Â $18,301Â Other Non-current LiabilitiesOther non-current liabilities consisted of the following (in thousands):August 3, 2024April 27, 2024Non-current payables relating to purchases of property and equipment$7,882Â $4,950Â Other non-current liabilities935Â 1,031Â $8,817Â $5,981Â 7. Commitments and ContingenciesNon-cancelable Purchase ObligationsTotal future non-cancelable purchase obligations as of August 3, 2024 are as follows (in thousands):Fiscal YearÂ Purchase Commitments to Manufacturing VendorsÂ Technology License Fees TotalRemainder of 2025$22,850Â $6,801Â $29,651Â 20267,306Â 8,342Â 15,648Â 20279,598Â 7,805Â 17,403Â 202812,417Â 350Â 12,767Â 20292,153Â 350Â 2,503Â Total unconditional purchase commitments$54,324Â $23,648Â $77,972Â 14Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial StatementsTechnology license fees include the liabilities under agreements for technology licenses between the Company and various vendors.Under the Companyâ€™s manufacturing relationships with its foundry partners, cancellation of outstanding purchase orders is allowed but requires payment of all costs and expenses incurred through the date of cancellation. As of August 3, 2024, the total value of non-cancelable purchase orders payable within the next one year that were committed with the Companyâ€™s third-party subcontractors was approximately $22.9 million. Such purchase commitments are included in the preceding table.The Company has a manufacturing supply capacity reservation agreement with an assembly subcontractor as of August 3, 2024. Under this arrangement, the Company has paid refundable deposits to the supplier in exchange for reserved manufacturing production capacity over the term of the agreement, which approximates five years. In addition, the Company committed to certain purchase levels that were in line with the capacity reserved. If the Company does not meet the purchase level commitment, the agreement requires the

Company to pay a fee equal to the difference between the actual purchase and the purchase commitment, up to the value of refundable deposits made. The Company currently estimates that it has made purchase level commitments of at least $34.2Â million for the remainder of fiscal year 2025 through fiscal year 2029 under the capacity reservation agreement. Such purchase commitments are included in the preceding table. In addition, the Company had refundable deposits of $8.6Â million of which $0.7Â million was recorded in prepaid expenses and other current assets and $7.9Â million was recorded in other non-current assets on the unaudited condensed consolidated balance sheet. Warranty ObligationsThe Companyâ€™s products generally carry a standard one-year warranty. The Companyâ€™s warranty expense was not material in the periods presented.IndemnificationsIn the ordinary course of business, the Company has entered into agreements that contain certain indemnification obligations of varying scope and terms to customers, vendors, lessors, investors, directors, officers, employees and other parties with respect to certain matters, including, but not limited to, certain losses arising out of the Companyâ€™s breach of such agreements, services to be provided by the Company or from intellectual property infringement claims made by third parties. These indemnification obligations may survive termination of the underlying agreement and the maximum potential amount of future payments the Company could be required to make under these indemnification provisions may not be subject to maximum loss limitations. The Company has not incurred material costs to defend lawsuits or settle claims related to these indemnification obligations. Accordingly, the Company had no liabilities recorded for these agreements as of August 3, 2024 and April 27, 2024. Legal ProceedingsFrom time to time, the Company may be a party to various litigation claims in the ordinary course of business. Legal fees and other costs associated with such actions are expensed as incurred. The Company assesses, in conjunction with legal counsel, the need to record a liability for litigation and contingencies. Accrual estimates are recorded when and if it is determined that such a liability for litigation and contingencies are both probable and reasonably estimable. As of the date of issuance of these unaudited condensed consolidated financial statements, the Company was not subject to any material litigation. No accruals for loss contingencies or recognition of actual losses have been recorded in any of the periods presented.8. LeasesThe Company leases office space, in the United States and internationally, under operating leases. The Companyâ€™s leases have remaining lease terms generally between one year and seven years. Operating leases are included in right of use assets, accrued expenses and other current liabilities, and non-current operating lease liabilities on the Companyâ€™s unaudited condensed consolidated balance sheets. The Company does not have any finance leases. 15Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial StatementsLease expense and supplemental cash flow information are as follows (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Operating lease expenses$1,016Â $921Â Cash paid for amounts included in the measurement of operating lease liabilities$955Â $836Â Right-of-use assets obtained in exchange for lease obligation$3,531Â $â€”Â The aggregate future lease payments for operating leases as of August 3, 2024 are as follows (in thousands):Fiscal YearOperating Leases2025$2,827Â 20263,623Â 20273,067Â 20283,067Â 20293,158Â Thereafter3,913Â Total lease payments19,655Â Less: Interest 6,531Â Present value of lease liabilities$13,124Â As of August 3, 2024, the weighted-average remaining lease term for the Company's operating leases was 5.7 years and the weighted-average discount rate used to determine the present value of the Company's operating leases was 6.6%.9. Share Incentive Plan Restricted Stock Unit (RSU) AwardsA summary of information related to RSU activity during the three months ended August 3, 2024 is as follows:RSUs OutstandingNumber of Shares (in thousands)Weighted-Average Grant Date Fair ValueWeighted-Average Remaining Contractual TermAggregate Intrinsic Value (in millions)Balances as of April 27, 202410,139$16.111.52$188.2Â Granted294$28.06Vested(732)$12.26Canceled/ forfeited(232)$17.41Balances and expected to vest as of August 3, 20249,469$16.761.37$239.8Â Share Option AwardsA summary of information related to share option activity during the three months ended August 3, 2024 is as follows: 16Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial StatementsOptions OutstandingOutstanding Share OptionsWeighted-Average Exercise PriceWeighted-Average Remaining Contractual TermAggregate Intrinsic Value (in millions)Balance as of April 27, 20246,421$1.975.30$106.5Â Options vested and exercised(799)$1.79Options canceled/ forfeited(3)$2.33Balance and expected to vest as of August 3, 20245,619$2.005.11$131.1Â Exercisable as of August 3, 20245,614$2.005.11$131.0Â As of August 3, 2024, 5 thousand shares from share option early exercises remained subject to the Companyâ€™s repurchase rights. These shares are excluded from ordinary shares outstanding.Employee Stock Purchase Plan (ESPP)The Company issued 139Â thousand shares during the three months ended August 3, 2024 and 205Â thousand shares during the three months ended July 29, 2023, under the ESPP.Summary of Share-based Compensation ExpenseThe following table summarizes share-based compensation expense included in the unaudited condensed consolidated statements of operations (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Cost of revenue$281Â $189Â Research and development9,170Â 4,732Â Selling, general and administrative7,189Â 3,047Â $16,640Â $7,968Â 10. Income TaxesThe Companyâ€™s tax provision for interim periods is determined using an estimate of its annual effective tax rate, excluding zero rate jurisdictions, and adjusted for discrete items, if any, that arise during the period. Each quarter, the Company updates its estimate of the annual effective tax rate, and if the estimated annual effective tax rate changes, the Company makes a cumulative adjustment in such period. The Companyâ€™s quarterly tax provision, and estimate of its annual effective tax rate, is subject to variation due to several factors, including variability in accurately predicting its pre-tax income or loss and the mix of jurisdictions to which they relate, intercompany transactions, changes in tax laws, the applicability of special tax regimes, changes in how we do business, and discrete items.Provision (benefit) for income taxes for the three months ended August 3, 2024 and July 29, 2023 was as follows (in thousands except percentages):Three Months EndedAugust 3, 2024July 29, 2023% ChangeProvision (benefit) for income taxes$622Â $(537)(115.8)%Effective tax rate(7)%4Â %The Companyâ€™s effective tax rate for the three months ended August 3, 2024 differs from the same period in the prior fiscal year primarily due to the tax benefit of share-based compensation being offset by a full valuation allowance in the U.S. entity.During the three months ended August 3, 2024, there were no material changes to the total amount of unrecognized tax benefits and the Company does not expect any significant changes in the next 12 months. 17Credo Technology Group Holding LtdNotes to Unaudited Condensed Consolidated Financial Statements11. Net Loss Per ShareThe Company reports both basic net income (loss) per share, which is based on the weighted-average number of ordinary shares outstanding during the period, and diluted net income (loss) per share, which is based on the weighted-average number of ordinary shares outstanding and potentially dilutive shares outstanding during the period. Net loss per share for the three months ended August 3, 2024 and July 29. 2023, respectively, was determined as follows (in thousands, except per share amounts):Three Months EndedAugust 3, 2024July 29, 2023Numerator:Net loss$(9,540)$(11,697)Denominator:Weighted-average shares - basic and diluted165,140Â 149,277Â Net income (loss) per share:Basic and diluted(0.06)(0.08)Potential dilutive securities include dilutive ordinary shares from the Customer Warrant, share-based awards attributable to the assumed exercise of share options and vesting of RSUs and ESPP shares using the treasury stock method. Under the treasury stock method, potential ordinary shares outstanding are not included in the computation of diluted net income per share if their effect is anti-dilutive. The following potentially dilutive securities outstanding (in thousands) have been excluded from the computations of diluted weighted-average shares outstanding for the three months ended August 3, 2024 and July 29, 2023:Three Months EndedAugust 3, 2024July 29, 2023Share-based compensation awards15,227Â 15,652Â Customer Warrant4,080Â 4,080Â 19,307Â 19,732Â 18MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONSThe following discussion and analysis of our financial condition and results of operations should be read in conjunction with the unaudited condensed consolidated financial statements and the related notes thereto included elsewhere in this Quarterly Report on Form 10-Q and the audited consolidated financial statements and notes thereto and managementâ€™s discussion and analysis of financial condition and results of operations for the fiscal year ended April 27, 2024 included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended April 27, 2024. Some of the information contained in this discussion and analysis includes forward-looking statements that involve risks and uncertainties as described under the heading â€œSpecial Note Regarding Forward-Looking Statementsâ€ of this Quarterly Report on Form 10-Q.OverviewCredo provides innovative, secure, high-speed and power-efficient connectivity solutions. Our solutions target the data infrastructure market, where bandwidth requirements are increasing exponentially, driven by the accelerating deployment of leading edge Artificial Intelligence infrastructure and applications. Our connectivity solutions are optimized for optical and electrical Ethernet applications, including the 100G (or Gigabits per second), 200G, 400G, 800G and emerging 1.6T (or Terabits per second) markets. Our products are based on our Serializer/Deserializer (SerDes) and Digital Signal Processor (DSP) technologies. Our product families include integrated circuits (ICs), Active Electrical Cables (AECs) and SerDes Chiplets. Our intellectual property (IP) solutions consist primarily of SerDes IP licensing.Data generation has increased dramatically over the past ten years, creating new and complicated challenges in both circuit and system design. Our proprietary SerDes and DSP technologies enable us to achieve similar performance to leading competitorsâ€™ products but at a lower cost and more highly available legacy node (n-1 advantage). Beyond power and performance, Credo continues to innovate to address customersâ€™ system level requirements. We partner with Microsoft on our HiWire Switch AEC and open-source implementation that helps realize Microsoftâ€™s vision for a highly reliable network-managed dual-Top-of-Rack (ToR) architecture (a network architecture design in which computing equipment located within the same or an adjacent rack are, for redundancy, connected to two in-rack network switches, which are, in turn, connected to aggregation switches via fiber optic cables), overcome complex and slow legacy enterprise approaches, simplify deployment and improve connection reliability in the data center.The multibillion-dollar data infrastructure market that we serve is driven largely by hyperscale data centers (hyperscalers), as well as general compute, AI/ML infrastructure, multi-service operators (MSOs), and mobile network operators (MNOs). The demands for increased bandwidth, improved power and cost efficiency and heightened security have simultaneously and dramatically expanded as work, education and entertainment have rapidly digitized across myriad endpoint users. We design, market and sell both product and IP solutions. We help define industry conventions and standards within the markets we target by collaborating with technology leaders and standards bodies. We contract with a variety of manufacturing partners to build our products based on our proprietary SerDes and DSP technologies. We develop standard solutions we can sell broadly to our end markets and also develop tailored solutions designed to address specific customer needs. Once developed, these tailored solutions can generally be broadly leveraged across our portfolio and we are able to sell the part or license the IP to the broader market.During the three months ended August 3, 2024 and July 29, 2023, we generated $59.7 million and $35.1 million in total revenue, respectively. Product sales and product engineering services revenue comprised 96.0% and 92.0% of our total revenue in the three months ended August 3, 2024 and July 29, 2023, respectively, and IP license revenue represented 4.0% and 8.0% of our total revenue in the three months ended August 3, 2024 and July 29, 2023, respectively. During the three months ended August 3, 2024 and July 29, 2023, we generated $9.5 million in net loss and $11.7 million in net loss, respectively. We derive the substantial majority of our revenue from a limited number of customers. We anticipate we will continue to derive a significant portion of our revenue from a limited number of customers for the foreseeable future. We expect that as our products are more widely adopted and as our number of customers increase, customer concentration will decrease.We sell our products to hyperscalers, original equipment manufacturers (OEMs), original design manufacturers (ODMs) and optical module manufacturers, as well as to companies in the enterprise and HPC markets. We work closely and have engagements with industry-leading companies across these segments. A relatively small number 19customers have historically accounted for and continue to account for a significant portion of our revenue. We report revenue by customer in our financial statement disclosure based on the contracting parties who place purchase orders or sign revenue contracts with us. See Note 3 to our unaudited condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q. However, certain of our end customers have their contract manufacturing partners place orders with us. As a result, the contract manufacturers, rather than the end customers, are reported as our customers for financial reporting purposes. As a supplement to our financial statement footnote disclosure, and to provide further insight into our end customer concentration, the following table summarizes our revenue by customer as a percentage of total revenue based on end customer profile, rather than based on the contracting parties who place purchase orders or sign revenue contracts with us:Three Months EndedRevenueAugust 3, 2024July 29, 2023Customer D52Â %12Â %Customer E10Â %40Â %Customer C*14Â %Customer B*12Â %* Less than 10% of total revenue.Our Business ModelWe are a product-focused business with a strong foundation in IP, pioneering comprehensive connectivity solutions that deliver bandwidth, scalability and end-to-end signal integrity for next-generation platforms. We also develop IP solutions to address the specific and complex needs of our customers. We earn revenue from these IP solutions primarily through licensing fees and royalties. In addition to product sales and IP license revenue, we also generate revenue from providing engineering services as part of our product and license arrangements with certain customers. Over time, we expect to generate an increased proportion of our revenue from sales of our products. We expect to see a long-term benefit from improvements in our operating leverage as our business continues to gain scale.We utilize a fabless business model, working with a network of third parties to manufacture, assemble and test our connectivity products. This approach allows us to focus our engineering and design resources on our core competencies and to control our fixed costs and capital expenditures. We employ a two-pronged sales strategy targeting both the end users of our products, as well as the suppliers of our end users. By engaging directly with the end user, we are able to better understand the needs of our customers and cater our solutions to their most pressing connectivity requirements.This strategy has enabled us to become the preferred vendor to a number of our customers who, in turn, in some cases, require their suppliers, OEMs, ODMs and optical module manufacturers to utilize our solutions.20Results of OperationsThree Months Ended August 3, 2024 and July 29, 2023The following table sets forth information derived from our unaudited condensed consolidated statements of operations expressed as a percentage of total revenue:Three Months EndedAugust 3, 2024July 29, 2023Revenue:Product sales90.2Â %85.6Â %Product engineering services5.8Â %6.5Â %IP license4.0Â %7.9Â %Total revenue100.0Â %100.0Â %Cost of revenue:Cost of product sales revenue36.6Â %39.6Â %Cost of product engineering services revenue0.8Â %0.8Â %Cost of IP license revenue0.2Â %0.4Â %Total cost of revenue37.6Â %40.8Â %Gross margin62.4Â %59.2Â %Operating expenses:Research and development50.9Â %64.5Â %Selling, general and administrative35.7Â %35.7Â %Total operating expenses86.6Â %100.2Â %Operating loss(24.2)%(41.0)%Other income, net9.3Â %6.2Â %Loss before income taxes(14.9)%(34.8)%Benefit for income taxes1.0Â %(1.5)%Net income (loss)(16.0)%(33.3)%Comparison of Three Months Ended August 3, 2024 and July 29, 2023RevenueThree Months EndedAugust 3, 2024July 29, 2023% Change(in thousands, except percentages)Product sales$53,839Â $30,028Â 79.3Â %Product engineering services3,486Â 2,293Â 52.0Â %IP license2,389Â 2,774Â (13.9)%Total revenue$59,714Â $35,095Â 70.1Â %Total revenue for the three months ended August 3, 2024 increased by $24.6 million, compared to the same period in fiscal year 2024, primarily due to an increase in product sales revenue of $23.8 million and product engineering services revenue of $1.2 million. IP license revenue was relatively consistent between the comparative periods.The increase in product sales revenue for the three months ended August 3, 2024, compared to the same period in fiscal year 2024, was primarily due to a significant increase in the volume of unit shipments of AEC products which contributed over 90% of the increase in product sales revenue. The AEC sales increase was primarily driven by the ramp-up of our AEC solutions at our second hyperscale data center customer this fiscal quarter. 21The increase in product engineering services revenue for the three months ended August 3, 2024, compared to the same period in fiscal year 2024, was primarily due to an increase in engineering time of 110% spent in our product engineering services arrangements.Cost of RevenueThree Months EndedAugust 3, 2024July 29, 2023% Change(in thousands, except percentages)Cost of product sales revenue$21,884Â $13,868Â 57.8Â %Cost of product engineering services revenue452Â 293Â 54.3Â %Cost of IP license revenue95Â 144Â (34.0)%Total cost of revenue$22,431Â $14,305Â 56.8Â %Cost of revenue for the three months ended August 3, 2024 increased by $8.1 million, compared to the same period in fiscal year 2024, primarily due to an increase in cost of product sales revenue of $8.0 million. The increase was primarily due to the increased shipments of AEC products noted above.Gross Profit and Gross MarginThree Months EndedAugust 3, 2024July 29, 2023% Change(in thousands, except percentages)Gross profit$37,283Â $20,790Â 79.3Â %Gross margin62.4Â %59.2Â %Gross margin in the three months ended August 3, 2024 increased by 3.2 percentage points compared to the same period in fiscal year 2024, primarily driven by the improved economies of scale in our product sales. Our product sales gross margin increased by 5.5 percentage points for the three months ended August 3, 2024, compared to the same period in the prior year.Research and DevelopmentThree Months EndedAugust 3, 2024July 29, 2023% Change(in thousands, except percentages)Research and development$30,409Â $22,638Â 34.3Â %% of total revenue50.9Â %64.5Â %Research and development expense for the three months ended August 3, 2024 increased by $7.8 million compared to the same period in fiscal year 2024. The increase was due primarily to a $4.5Â million increase in share-based compensation expense driven by increased amortization expense from new equity awards granted to employees, a $2.5Â million increase in personnel costs as a result of new hires for product development and a $0.7Â million increase in depreciation expense associated with increase in R&D equipment.Selling, General and Administrative Three Months EndedAugust 3, 2024July 29, 2023% Change(in thousands, except percentages)Selling, general and administrative$21,325Â $12,543Â 70.0Â %% of total revenue35.7Â %35.7Â %22Selling, general and administrative expense for the three months ended August 3, 2024 increased by $8.8Â million compared to the same period in fiscal year 2024. The increase was primarily due to a $4.1Â million increase in share-based compensation expense driven by increased amortization expense from new equity awards granted to employees, $2.0Â million increase in personnel costs as a result of higher selling, general and administrative headcount, and a $2.0Â million increase in external consultation fees relating to general and administrative expenses.Provision (Benefit) for Income TaxesThree Months EndedAugust 3, 2024July 29, 2023%

Change(in thousands, except percentages)Provision (Benefit) for income taxes$622Â $(537)(215.8)%% of total revenue1.0Â %(1.5)%Provision for income taxes for the three months ended August 3, 2024 increased by $1.2Â million, compared to the same period in fiscal year 2024. The fluctuation was primarily due to the tax benefit of share-based compensation being offset by a full valuation allowance in the U.S. entity.Liquidity and Capital ResourcesOur activities consist primarily of selling our products, licensing our IP, providing product and IP engineering services, and conducting research and development of our products and technology. As of August 3, 2024 and April 27, 2024, we had $103.9Â million and $66.9Â million in cash and cash equivalents, respectively, and working capital of $472.9Â million and $485.6Â million, respectively. Our principal use of cash is to fund our operations and invest in research and development to support our growth. See Note 7 to our unaudited condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q for a further discussion of our cash requirements under non-cancelable purchase obligations.We believe our existing cash and cash equivalents and other components of working capital will be sufficient to meet our needs for at least the next 12 months and in the longer term. Our future capital requirements will depend on many factors, including our growth rate, the timing and extent of our sales and marketing and research and development expenditures, customer demand and the continuing market acceptance of our solutions. In the event that we need to borrow funds or issue additional equity, we cannot be assured that any such additional financing will be available on terms acceptable to us, if at all. If we are unable to raise additional capital when we need it, our business, results of operations and financial condition would be adversely affected.The following table summarizes our cash flows for the periods indicated.Three Months EndedAugust 3, 2024July 29, 2023(in thousands)Net cash provided by (used in) operating activities$(7,236)$24,608Â Net cash provided by (used in) investing activities$42,482Â $(6,610)Net cash provided by financing activities$1,604Â $534Â Cash Flows Provided by (Used in) Operating ActivitiesNet cash used in operating activities was $7.2Â million for the three months ended August 3, 2024. The cash outflows from operating activities for the three months ended August 3, 2024 were primarily due to $21.5Â million of cash outflows for working capital purposes and $9.5 million in net loss, partially offset by $23.8Â million of non-cash items. The cash outflows from working capital for the three months ended August 3, 2024 were primarily driven by (a) an increase in accounts receivable of $12.2Â million primarily due to large billings from customers not due yet in the three months ended August 3, 2024; (b) an increase in inventory of $5.4Â million to support unfulfilled backlog and related new product ramps; (c) a decrease in accrued expenses, compensation and other liabilities of $3.7 million due to ESPP purchase and final billing payment made for one of our technology license obligations and (d) an increase in 23contract assets of $2.8 million due to certain product engineering services and IP licensing arrangements where certain billing milestones were not met prior to the timing of revenue recognition. These cash outflows were offset by cash inflows relating to an increase in accounts payable of $5.8 million due to amounts payable relating to increased external consultation fees associated with general and administrative and outside research & development services. Net cash provided by operating activities was $24.6Â million for the three months ended July 29, 2023. The cash inflows from operating activities for the three months ended July 29, 2023 were primarily due to $24.8Â million of cash inflows for working capital purposes and $11.5Â million of non-cash items, partially offset by $11.7Â million in net loss. The cash inflows from working capital for the three months ended July 29, 2023 were primarily driven by (a) an decrease in accounts receivable of $21.6Â million primarily due to collection of large customer invoices in the fiscal quarter ended July 29, 2023; (b) an decrease in inventory of $5.0Â million primarily driven by tightened production management and increased product sales compared to the fiscal quarter ended April 29, 2023; (c) an increase in accounts payable of $2.5 million due to amounts payable relating to increased research and development spending. These cash inflows were offset by cash outflows relating to an increase in other non-current assets of $2.5Â million primarily relating to payments of refundable deposits for a manufacturing supply capacity reservation agreement.Cash Flows Provided by (Used in) Investing ActivitiesNet cash provided by investing activities of $42.5Â million in the three months ended August 3, 2024 was primarily attributable to maturities of certificates of deposit for $162.1 million, offset by purchase of the same for $113.7 million and purchases of property and equipment of $5.9 million. Purchases of property and equipment primarily related to third-party IP licenses and computer equipment and software used for research and development purposes.Net cash used in investing activities of $6.6Â million in the three months ended July 29, 2023 was attributable to purchases of property and equipment of $5.3 million and net outflow from certificates of deposit of $1.3Â million from maturities of certificates of deposit for $59.2Â million and purchases of the same for $60.5 million . Purchases of property and equipment primarily related to mask sets purchases for new products introduced or in process of being introduced, and computer equipment and software used for research and development purposes. Cash Flows Provided by Financing ActivitiesNet cash provided by financing activities of $1.6Â million for the three months ended August 3, 2024 was primarily attributable to $2.4Â million in proceeds from exercises of employee share options and the issuance of shares under the ESPP net of tax withheld for RSU settlement, offset by $0.8 million in payments for long-term technology license obligations.Net cash provided by financing activities of $0.5Â million for the three months ended July 29, 2023 was solely attributable to $3.4Â million in proceeds from exercises of employee share options and issuances of shares under the ESPP offset by $2.7Â million in payments for long-term technology license obligations.Critical Accounting EstimatesThere have been no material changes to our critical accounting estimates during the three months ended August 3, 2024, as compared to those disclosed under the heading â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operations-Critical Accounting Policies and Estimatesâ€ in our Annual Report on Form 10-K for the fiscal year ended April 27, 2024. In the current macroeconomic environment, our estimates could require increased judgment and carry a higher degree of variability and volatility. We continue to monitor and assess our estimates in light of developments, and as events continue to evolve and additional information becomes available, our estimates may change materially in future periods.Item 3. Quantitative and Qualitative Disclosures About Market Risk.For a discussion of market risks, refer to ItemÂ 7A, â€œQuantitative and Qualitative Disclosures about Market Riskâ€ in our Annual Report on FormÂ 10-K for the fiscal year ended April 27, 2024. During the three months ended August 3, 2024, there were no material changes or developments that would materially alter the market risk assessment performed as of April 27, 2024. Item 4. Controls and Procedures.Disclosure Controls and Procedures24We maintain â€œdisclosure controls and proceduresâ€ (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)), that are designed to provide reasonable assurance that information required to be disclosed by us in reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SECâ€™s rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, to allow timely decisions regarding required disclosure.Based on their evaluation as of the end of the period covered by this Quarterly Report on Form 10-Q, our Chief Executive Officer and Chief Financial Officer have concluded that, as of such date, our disclosure controls and procedures were effective at the reasonable assurance level.Changes in Internal Control Over Financial ReportingThere was no change in our â€œinternal control over financial reporting,â€ as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act, that occurred during the quarter ended August 3, 2024 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.Inherent Limitations on Effectiveness of ControlsOur management, including our principal executive officer and principal financial officer, does not expect that our disclosure controls and procedures or our internal controls will prevent all error and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within Credo have been detected.25PART IIâ€”OTHER INFORMATIONItem 1. Legal Proceedings.From time to time, we are involved in various legal proceedings arising in the ordinary course of our business. We are not presently a party to any litigation the outcome of which, we believe, if determined adversely to us, would individually or taken together have a material adverse effect on us. The results of any current or future litigation cannot be predicted with certainty, and regardless of the outcome, litigation can have an adverse impact on us because of defense and settlement costs, diversion of management resources and other factors.Item 1A. Risk Factors.Our operations and financial results are subject to various risks and uncertainties, including those described in Part I, Item 1A, "Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended April 27, 2024, which could adversely affect our business, financial condition, results of operations, cash flows and the trading price of our ordinary shares. As of the date of this Quarterly Report on Form 10-Q there have been no material changes from the risk factors previously disclosed in our in the Annual Report on Form 10-K for the fiscal year ended April 27, 2024. Item 5. Other Information.Rule 10b5-1 Trading PlansOn June 26, 2024, Pantas Sutardja, a member of our board of directors, adopted a Rule 10b5-1 Trading Plan, intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of 32,291 of our ordinary shares held directly by Mr. Sutardja may be sold between November 1, 2024 and February 3, 2026. The plan terminates on the earlier of: (i) February 3, 2026, (ii) the first date on which all trades set forth in the plan have been executed or (iii) such date as the plan is otherwise terminated according to its terms.On July 1, 2024, Daniel Fleming, our Chief Financial Officer, adopted a Rule 10b5-1 Trading Plan, intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of 198,750 of our ordinary shares held directly by Mr. Fleming may be sold between September 30, 2024 and September 30, 2025. The plan terminates on the earlier of: (i) September 30, 2025, (ii) the first date on which all trades set forth in the plan have been executed or (iii) such date as the plan is otherwise terminated according to its terms.On July 2, 2024, Yat Tung (Job) Lam, our Chief Operating Officer and a member of our board of directors, adopted a Rule 10b5-1 Trading Plan ("the Plan"), intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of: (i) 120,000 of our ordinary shares held directly by Mr. Lam may be sold between November 12, 2024 and October 30, 2025, (ii) 720,000 of our ordinary shares held by Chung (BVI) Co Ltd may be sold between November 12, 2024 and October 30, 2025, (iii) 270,000 of our ordinary shares held by Zhan (BVI) Co Ltd may be sold between February 18, 2025 and October 30, 2025 and (iv) 60,000 of our ordinary shares held by the Evelyn Job and April Foundation may be sold between November 12, 2024 and October 30, 2025. The Plan terminates on the earlier of: (i) October 30, 2025, (ii) the first date on which all trades set forth in the Plan have been executed or (iii) such date as the Plan is otherwise terminated according to its terms. Mr. Lam and his spouse share voting and investment power over the shares held by each of Zhan (BVI) Co Ltd, Chung (BVI) Co Ltd and the Evelyn Job and April Foundation, which is a tax-exempt 501(c)(3) charitable institution.26Item 6. Exhibits.Incorporated by ReferenceExhibit NumberExhibit DescriptionFormFile No.Exhibit No.Filing DateProvided Herewith31.1*Certification of Principal Executive Officer pursuant to Rule 13a-14(a)/15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002X31.2*Certification of Principal Financial Officer pursuant to Rule 13a-14(a)/15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002X32.1**Certification of Principal Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002X32.2**Certification of Principal Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002X101.INS*Inline XBRL Instance Document (the instance document does not appear in the Interactive Data File because XBRL tags are embedded within the Inline XBRL document)101.SCH*Inline XBRL Taxonomy Extension Schema DocumentX101.CAL*Inline XBRL Taxonomy Extension Calculation Linkbase DocumentX101.DEF*Inline XBRL Taxonomy Extension Definition Linkbase DocumentX101.LAB*Inline XBRL Taxonomy Extension Label Linkbase DocumentX101.PRE*Inline XBRL Taxonomy Extension Presentation Linkbase DocumentX104Cover Page Interactive Data File (embedded within the Inline XBRL document)X*Filed herewith **Furnished herewith27SIGNATURESPursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.CREDO TECHNOLOGY GROUP HOLDING LTDDate: SeptemberÂ 5, 2024By:/s/ William BrennanName:William BrennanTitle:President and Chief Executive OfficerDate: SeptemberÂ 5, 2024By:/s/ Daniel FlemingName:Daniel FlemingTitle:Chief Financial Officer28 EX-31.1 2 a311302certificationofceo_.htm EX-31.1 DocumentExhibit 31.1CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICERPURSUANT TO RULES 13A-14(A) AND 15D-14(A) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002 I, William Brennan, certify that:1.I have reviewed this quarterly report on Form 10-Q of Credo Technology Group Holding Ltd;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; (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;(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 (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 registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant'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): (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 registrant's ability to record, process, summarize and report financial information; and (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.Date: SeptemberÂ 5, 2024By:/s/ William BrennanWilliam BrennanPresident and Chief Executive Officer(Principal Executive Officer) EX-31.2 3 a312302certificationofcfo_.htm EX-31.2 DocumentExhibit 31.2CERTIFICATION OF PRINCIPAL FINANCIAL OFFICERPURSUANT TO RULES 13A-14(A) AND 15D-14(A) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002 I, Daniel Fleming, certify that:1.I have reviewed this quarterly report on Form 10-Q of Credo Technology Group Holding Ltd;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; (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;(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 (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 registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant'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): (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 registrant's ability to record, process, summarize and report financial information; and (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting. Date: SeptemberÂ 5, 2024By:/s/

Daniel FlemingDaniel FlemingChief Financial Officer(Principal Financial Officer) EX-32.1 4 a3211350certificationofceo.htm EX-32.1 DocumentExhibit 32.1CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICERPURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 In connection with the Quarterly Report of Credo Technology Group Holding Ltd (the â€œCompanyâ€) on Form 10-Q for the period ended August 3, 2024, as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), for the purpose of complying with Rule 13a-14(b) or Rule 15d-14(b) of the Securities Exchange Act of 1934 (the â€œExchange Actâ€) and Section 1350 of Chapter 63 of Title 18 of the United States Code, I, William Brennan, President and Chief Executive Officer of the Company, certify that, to the best of my knowledge:1.the Report fully complies with the requirements of Section 13(a) or 15(d) of the Exchange Act; and2.the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Date: SeptemberÂ 5, 2024By:/s/ William BrennanWilliam BrennanPresident and Chief Executive Officer(Principal Executive Officer) EX-32.2 5 a3221350certificationofcfo.htm EX-32.2 DocumentExhibit 32.2CERTIFICATION OF PRINCIPAL FINANCIAL OFFICERPURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 In connection with the Quarterly Report of Credo Technology Group Holding Ltd (the â€œCompanyâ€) on Form 10-Q for the period ended August 3, 2024, as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), for the purpose of complying with Rule 13a-14(b) or Rule 15d-14(b) of the Securities Exchange Act of 1934 (the â€œExchange Actâ€) and Section 1350 of Chapter 63 of Title 18 of the United States Code, I, Daniel Fleming, Chief Financial Officer of the Company, certify that, to the best of my knowledge:1.the Report fully complies with the requirements of Section 13(a) or 15(d) of the Exchange Act; and 2.the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Date: SeptemberÂ 5, 2024By:/s/ Daniel FlemingDaniel FlemingChief Financial Officer(Principal Financial Officer) EX-101.SCH 6 crdo-20240803.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Cover link:presentationLink link:calculationLink link:definitionLink 9952151 - Statement - Condensed Consolidated Balance Sheets link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - Condensed Consolidated Balance Sheets (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952153 - Statement - Condensed Consolidated Statements of Operations link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - Condensed Consolidated Statements of Comprehensive Loss link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - Condensed Consolidated Statements of Shareholders' Equity link:presentationLink link:calculationLink link:definitionLink 9952156 - Statement - Condensed Consolidated Statements of Cash Flows link:presentationLink link:calculationLink link:definitionLink 9952157 - Disclosure - Description of Business and Basis of Presentation link:presentationLink link:calculationLink link:definitionLink 9952158 - Disclosure - Significant Accounting Policies link:presentationLink link:calculationLink link:definitionLink 9952159 - Disclosure - Concentrations link:presentationLink link:calculationLink link:definitionLink 9952160 - Disclosure - Revenue Recognition link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - Fair Value Measurements link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - Supplemental Financial Information link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - Commitments and Contingencies link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - Leases link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - Share Incentive Plan link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - Net Loss Per Share link:presentationLink link:calculationLink link:definitionLink 9954471 - Disclosure - Significant Accounting Policies (Policies) link:presentationLink link:calculationLink link:definitionLink 9954472 - Disclosure - Concentrations (Tables) link:presentationLink link:calculationLink link:definitionLink 9954473 - Disclosure - Revenue Recognition (Tables) link:presentationLink link:calculationLink link:definitionLink 9954474 - Disclosure - Fair Value Measurements (Tables) link:presentationLink link:calculationLink link:definitionLink 9954475 - Disclosure - Supplemental Financial Information (Tables) link:presentationLink link:calculationLink link:definitionLink 9954476 - Disclosure - Commitment and Contingencies (Tables) link:presentationLink link:calculationLink link:definitionLink 9954477 - Disclosure - Leases (Tables) link:presentationLink link:calculationLink link:definitionLink 9954478 - Disclosure - Share Incentive Plan (Tables) link:presentationLink link:calculationLink link:definitionLink 9954479 - Disclosure - Income Taxes (Tables) link:presentationLink link:calculationLink link:definitionLink 9954480 - Disclosure - Net Loss Per Share (Tables) link:presentationLink link:calculationLink link:definitionLink 9954481 - Disclosure - Concentrations (Details) link:presentationLink link:calculationLink link:definitionLink 9954482 - Disclosure - Revenue Recognition - Disaggregation of Revenue (Details) link:presentationLink link:calculationLink link:definitionLink 9954483 - Disclosure - Revenue Recognition - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954484 - Disclosure - Fair Value Measurements - Recurring Basis (Details) link:presentationLink link:calculationLink link:definitionLink 9954485 - Disclosure - Fair Value Measurements (Details) link:presentationLink link:calculationLink link:definitionLink 9954486 - Disclosure - Supplemental Financial Information - Schedule of Inventory (Details) link:presentationLink link:calculationLink link:definitionLink 9954487 - Disclosure - Supplemental Financial Information - Schedule of Property and Equipment, Net (Details) link:presentationLink link:calculationLink link:definitionLink 9954488 - Disclosure - Supplemental Financial Information - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954489 - Disclosure - Supplemental Financial Information - Schedule of Accrued Expenses and Other Current Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink 9954490 - Disclosure - Supplemental Financial Information - Schedule of Other Noncurrent Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink 9954491 - Disclosure - Commitment and Contingencies - Schedule of Non-Cancelable Purchase Obligations (Details) link:presentationLink link:calculationLink link:definitionLink 9954492 - Disclosure - Commitments and Contingencies - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954493 - Disclosure - Leases - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954494 - Disclosure - Leases - Lease Expense and Supplemental Cash Flow Information (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - Leases - Aggregate Future Lease Payments (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - Leases - Aggregate Future Lease Payments (Details) link:presentationLink link:calculationLink link:definitionLink 9954496 - Disclosure - Share Incentive Plan - Summary of Information Related to RSU Activity (Details) link:presentationLink link:calculationLink link:definitionLink 9954497 - Disclosure - Share Incentive Plan - Summary of Information Related to Share Option Activity (Details) link:presentationLink link:calculationLink link:definitionLink 9954498 - Disclosure - Share Incentive Plan - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954499 - Disclosure - Share Incentive Plan - Summary of Share-Based Compensation Expense (Details) link:presentationLink link:calculationLink link:definitionLink 9954500 - Disclosure - Income Taxes (Details) link:presentationLink link:calculationLink link:definitionLink 9954501 - Disclosure - Net Loss Per Share - Schedule of Net Loss Per Share, Basic and Diluted (Details) link:presentationLink link:calculationLink link:definitionLink 9954502 - Disclosure - Net Loss Per Share - Schedule of Potentially Dilutive Securities Outstanding (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 7 crdo-20240803_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 8 crdo-20240803_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 9 crdo-20240803_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Pantas Sutardja [Member] Pantas Sutardja Adjustments to reconcile net loss to net cash used in operating activities: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Statistical Measurement [Domain] Statistical Measurement [Domain] Lease Expense and Supplemental Cash Flow Information Lease, Cost [Table Text Block] Contract assets Contract with Customer, Asset, after Allowance for Credit Loss, Current Cover [Abstract] Net increase in cash and cash equivalents Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Aggregate Future Lease Payments, ASC 842 Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block] Trading Symbol Trading Symbol All Trading Arrangements All Trading Arrangements [Member] Compensation Actually Paid vs. Net Income Compensation Actually Paid vs. Net Income [Text Block] Non-NEOs Non-NEOs [Member] Schedule of Net Loss Per Share, Basic and Diluted Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by Zhan (BVI) Co Ltd [Member] Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by Zhan (BVI) Co Ltd Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by Chung (BVI) Co Ltd [Member] Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by Chung (BVI) Co Ltd Rule 10b5-1 Arrangement Adopted Rule 10b5-1 Arrangement Adopted [Flag] Awards Close in Time to MNPI Disclosures Awards Close in Time to MNPI Disclosures [Table] Purchase obligations within the next one year Purchase Obligation, to be Paid, Within The Next Year Purchase Obligation, to be Paid, Within The Next Year Pay vs Performance Disclosure [Line Items] Peer Group Total Shareholder Return Amount Peer Group Total Shareholder Return Amount Accounts receivable Increase (Decrease) in Accounts Receivable Description of Business and Basis of Presentation Organization, Consolidation and Presentation of Financial Statements Disclosure [Text Block] Non-Rule 10b5-1 Arrangement Adopted Non-Rule 10b5-1 Arrangement Adopted [Flag] Product engineering services Product Engineering Services [Member] Product Engineering Services Fair Value Measurements Fair Value Disclosures [Text Block] Award Timing Disclosures [Line Items] Other Performance Measure, Amount Other Performance Measure, Amount Unsatisfied performance obligation, amount Revenue, Unsatisfied Performance Obligation, Amount Revenue, Unsatisfied Performance Obligation, Amount Leases Lessee, Operating Leases [Text Block] Common stock outstanding (in shares) Beginning balance (in shares) Ending balance (in shares) Common Stock, Shares, Outstanding Operating lease expenses Operating Lease, Cost Remainder of 2025 Recorded Unconditional Purchase Obligation, to be Paid, Remainder of Fiscal Year Non-current operating lease liabilities Operating Lease, Liability, Noncurrent Deferred revenue Contract with Customer, Liability, Current United States UNITED STATES Other non-current assets Other Assets, Noncurrent Leases [Abstract] Antidilutive Securities, Name [Domain] Antidilutive Securities, Name [Domain] Money market funds Money Market Funds [Member] Selling, general and administrative Selling, General and Administrative Expenses [Member] Net cash provided by (used in) operating activities Net Cash Provided by (Used in) Operating Activities Cash flows from operating activities: Net Cash Provided by (Used in) Operating Activities [Abstract] Previously satisfied performance obligation, amount Revenue, Satisfied Performance Obligation, Amount Revenue, Satisfied Performance Obligation, Amount Equity Components [Axis] Equity Components [Axis] Share-based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Award Timing Method Award Timing Method [Text Block] Trading Arrangements, by Individual Trading Arrangements, by Individual [Table] Options exercisable (in US dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Exercise Price Taiwan TAIWAN Measurement Frequency [Axis] Measurement Frequency [Axis] Revenue Recognition and Deferred Revenue [Abstract] Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Insider Trading Policies and Procedures [Line Items] Use of Estimates Use of Estimates, Policy [Policy Text Block] Adjustment to Compensation, Amount Adjustment to Compensation Amount Aggregate intrinsic value, options outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Compensation Amount Outstanding Recovery Compensation Amount Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member] Entity Small Business Entity Small Business Company Selected Measure Amount Company Selected Measure Amount Geographical [Axis] Geographical [Axis] Aggregate Intrinsic Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Aggregate Intrinsic Value [Abstract] Tabular List, Table Tabular List [Table Text Block] Level 3 Fair Value, Inputs, Level 3 [Member] Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member] Number of shares called by warrant (in shares) Class of Warrant or Right, Number of Securities Called by Warrants or Rights Lessee, Lease, Description [Line Items] Lessee, Lease, Description [Line Items] Accrued expenses Accrued Liabilities, Current Ordinary shares issued under equity incentive plans (in shares) Stock Issued During Period, Shares, Employee Stock Purchase Plans Antidilutive securities excluded from computation of earnings per share (in shares) Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Production equipment Production Equipment [Member] Production Equipment Cash and cash equivalents at beginning of the period Cash and cash equivalents at end of the period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Current assets: Assets, Current [Abstract] Tax withheld related to RSU settlement Payment, Tax Withholding, Share-Based Payment Arrangement Other comprehensive gain (loss): Other Comprehensive Income (Loss), Net of Tax [Abstract] Forgone Recovery due to Disqualification of Tax Benefits, Amount Forgone Recovery due to Disqualification of Tax Benefits, Amount 2027 Recorded Unconditional Purchase Obligation, to be Paid, Year Two Customer B Customer B [Member] Customer B Product and Service [Domain] Product and Service [Domain] Employee Stock Option Share-Based Payment Arrangement, Option [Member] Vested (in US dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value Fair Value Disclosures [Abstract] 2026 Lessee, Operating Lease, Liability, to be Paid, Year One IP license License [Member] Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table] Antidilutive Security, Excluded EPS Calculation [Table] Total comprehensive loss Total comprehensive loss Comprehensive Income (Loss), Net of Tax, Attributable to Parent Recorded Unconditional Purchase Obligation, Category [Domain] Recorded Unconditional Purchase Obligation, Category [Domain] Customer Warrant Warrant [Member] Security Exchange Name Security Exchange Name Award Type [Axis] Award Type [Axis] Net loss per share: Earnings Per Share, Basic [Abstract] Options exercised and vested (in US dollars per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Exercises in Period, Weighted Average Exercise Price Work in process Inventory, Work in Process, Net of Reserves Property and equipment, net Property and equipment, net Property, Plant and Equipment, Net Total liabilities Liabilities Common stock, par value (in US dollars per share) Common Stock, Par or Stated Value Per Share Forgone Recovery, Explanation of Impracticability Forgone Recovery, Explanation of Impracticability [Text Block] Research and development Research and Development Expense Schedule of Share-based Compensation Arrangements by Share-based Payment Award [Table] Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Expiration Date Trading Arrangement Expiration Date Cash flows from investing activities: Net Cash Provided by (Used in) Investing Activities [Abstract] Number of Shares (in thousands) Share-Based Compensation Arrangement by Share-Based Payment Award, Non-Option Equity Instruments, Outstanding [Roll Forward] Current portion of operating lease liabilities Operating Lease, Liability, Current Total Shareholder Return Amount Total Shareholder Return Amount Common stock issued (in shares) Common Stock, Shares, Issued Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by the Evelyn Job and April Foundation [Member] Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by the Evelyn Job and April Foundation Equity Awards Adjustments, Footnote Equity Awards Adjustments, Footnote [Text Block] Concentration risk percentage Concentration Risk, Percentage Purchase obligations, term Long-Term Purchase Commitment, Period Insider Trading Policies and Procedures Adopted Insider Trading Policies and Procedures Adopted [Flag] Less: Accumulated depreciation and amortization Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Property and equipment, gross Property, Plant and Equipment, Gross Options exercised and vested (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period Named Executive Officers, Footnote Named Executive Officers, Footnote [Text Block] Research and development Research and Development Expense [Member] Weighted-Average Exercise Price Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract] Common stock authorized (in shares) Common Stock, Shares Authorized Basis of Presentation Basis of Accounting, Policy [Policy Text Block] Diluted (in shares) Weighted-average shares - diluted (in shares) Weighted Average Number of Shares Outstanding, Diluted MNPI Disclosure Timed for Compensation Value MNPI Disclosure Timed for Compensation Value [Flag] Total shareholders' equity Beginning balance Ending balance Equity, Attributable to Parent Yat Tung (Job) Lam [Member] Yat Tung (Job) Lam Concentration Risk Type [Domain] Concentration Risk Type [Domain] Payments on technology license obligations Payments For Recorded Unconditional Purchase Obligation Payments For Recorded Unconditional Purchase Obligation Selling, general and administrative Selling, General and Administrative Expense Entity Address, Country Entity Address, Country Computer equipment and software Computer Equipment And Software [Member] Computer Equipment And Software Fair Value, Recurring Fair Value, Recurring [Member] Accounts receivable Accounts Receivable, after Allowance for Credit Loss, Current Cost of revenue Cost of Sales [Member] Product sales Product [Member] Increase in contract assets Increase (Decrease) in Contract with Customer, Asset, Current and Noncurrent Increase (Decrease) in Contract with Customer, Asset, Current and Noncurrent Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Pension Adjustments Prior Service Cost Pension Adjustments Prior Service Cost [Member] Document Fiscal Period Focus Document Fiscal Period Focus All Executive Categories All Executive Categories [Member] Changed Peer Group, Footnote Changed Peer Group, Footnote [Text Block] Weighted-average remaining contractual term, options outstanding Share-Based Compensation Arrangement by Share-Based Payment

Award, Options, Outstanding, Weighted Average Remaining Contractual Term Assets Assets [Abstract] Document Type Document Type Pension Benefits Adjustments, Footnote Pension Benefits Adjustments, Footnote [Text Block] Total Shareholder Return Vs Peer Group Total Shareholder Return Vs Peer Group [Text Block] Recorded Unconditional Purchase Obligation by Category of Item Purchased [Axis] Recorded Unconditional Purchase Obligation by Category of Item Purchased [Axis] Vested in period (in shares) Vested (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period Maximum Maximum [Member] 2029 Recorded Unconditional Purchase Obligation, to be Paid, Year Four Equity Valuation Assumption Difference, Footnote Equity Valuation Assumption Difference, Footnote [Text Block] Antidilutive Securities [Axis] Antidilutive Securities [Axis] Accounts payable Accounts Payable, Current Accounting Policies [Abstract] Revenue: Revenues [Abstract] Leasehold improvements Leasehold Improvements [Member] Current Fiscal Year End Date Current Fiscal Year End Date Less: Interest Lessee, Operating Lease, Liability, Undiscounted Excess Amount Accrued expenses and other current liabilities Accrued expenses and other current liabilities Accounts Payable and Other Accrued Liabilities, Current Short-term investments Short-Term Investments Statistical Measurement [Axis] Statistical Measurement [Axis] PEO Name PEO Name Non-Rule 10b5-1 Arrangement Terminated Non-Rule 10b5-1 Arrangement Terminated [Flag] Loss before income taxes Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Shares issued during period (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Shares Issued in Period Non-PEO NEO Average Total Compensation Amount Non-PEO NEO Average Total Compensation Amount Award Type [Domain] Award Type [Domain] Rest of World REST OF THE WORLD [Member] REST OF THE WORLD Name Outstanding Recovery, Individual Name Disaggregation of Revenue [Line Items] Disaggregation of Revenue [Line Items] Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares [Member] Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Schedule of Potentially Dilutive Securities Outstanding Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block] Compensation Actually Paid vs. Company Selected Measure Compensation Actually Paid vs. Company Selected Measure [Text Block] Non-PEO NEO Non-PEO NEO [Member] Manufacturing Vendors Manufacturing Vendors [Member] Manufacturing Vendors Additional Paid-in Capital Additional Paid-in Capital [Member] Award Timing Predetermined Award Timing Predetermined [Flag] Contract assets Increase (Decrease) in Contract with Customer, Asset Concentrations Concentration Risk Disclosure [Text Block] Recent Accounting Pronouncements Not Yet Adopted New Accounting Pronouncements, Policy [Policy Text Block] Diluted (in US dollars per share) Earnings Per Share, Diluted Name Measure Name Entity Interactive Data Current Entity Interactive Data Current Restatement does not require Recovery Restatement Does Not Require Recovery [Text Block] Weighted-average remaining contractual term, options exercisable Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Remaining Contractual Term Grant date fair value of warrant (in US dollars per share) Class Of Warrant Or Right, Grant Date Fair Value Class Of Warrant Or Right, Grant Date Fair Value Share repurchase program, remaining authorized amount (in shares) Share Repurchase Program, Remaining Authorized, Number of Shares Customer [Axis] Customer [Axis] Disaggregation of Revenue [Table] Disaggregation of Revenue [Table] Statement of Financial Position [Abstract] Mainland China CHINA Share-based compensation Share-Based Payment Arrangement, Noncash Expense Provision (benefit) for income taxes Income Tax Expense (Benefit) Refundable deposits, current Deposits Assets, Current Warrant contra revenue Adjustments to Additional Paid in Capital, Warrant Issued Supplemental cash flow information: Supplemental Cash Flow Information [Abstract] Total unconditional purchase commitments Recorded Unconditional Purchase Obligation Total revenue Revenue from Contract with Customer, Excluding Assessed Tax Statement of Comprehensive Income [Abstract] Concentration Risk Benchmark [Domain] Concentration Risk Benchmark [Domain] Maturities of short-term investments Proceeds from Sale, Maturity and Collection of Short-Term Investments Write-downs (releases) for excess and obsolete inventory Inventory Write-down Effective tax rate Effective Income Tax Rate Reconciliation, Percent Net cash provided by (used in) investing activities Net Cash Provided by (Used in) Investing Activities Operating loss Operating Income (Loss) Total liabilities and shareholders' equity Liabilities and Equity All Adjustments to Compensation All Adjustments to Compensation [Member] Rule 10b5-1 Arrangement Terminated Rule 10b5-1 Arrangement Terminated [Flag] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Accrued compensation and benefits Employee-related Liabilities, Current Prepaid and other current assets Increase (Decrease) in Prepaid Expense and Other Assets Additional paid in capital Additional Paid in Capital Commitments and Contingencies Disclosure [Abstract] Summary of Information Related to RSU Activity Share-Based Payment Arrangement, Restricted Stock and Restricted Stock Unit, Activity [Table Text Block] Right-of-use assets obtained in exchange for lease obligation Right-of-Use Asset Obtained in Exchange for Operating Lease Liability Number of shares vested upon warrant exercise (in shares) Class of Warrant or Right, Number of Shares Vested Class of Warrant or Right, Number of Shares Vested Underlying Security Market Price Change Underlying Security Market Price Change, Percent Individual: Individual [Axis] Tax withheld related to RSU settlement Share-Based Payment Arrangement, Decrease for Tax Withholding Obligation Accumulated Other Comprehensive Income (Loss) AOCI Attributable to Parent [Member] Options canceled/forfeited (in US dollars per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Forfeitures in Period, Weighted Average Exercise Price Inventories Inventories Inventory, Net Product and Service [Axis] Product and Service [Axis] Property, Plant and Equipment [Line Items] Property, Plant and Equipment [Line Items] Statement [Line Items] Statement [Line Items] Accrued expenses, compensation and other liabilities Increase (Decrease) In Accounts Payable And Other Accrued Liabilities And Employee Related Liabilities Increase (Decrease) In Accounts Payable And Other Accrued Liabilities And Employee Related Liabilities Erroneous Compensation Analysis Erroneous Compensation Analysis [Text Block] Schedule of Non-Cancelable Purchase Obligations Recorded Unconditional Purchase Obligations [Table Text Block] 2026 Recorded Unconditional Purchase Obligation, to be Paid, Year One Operating expenses: Operating Expenses [Abstract] Schedule of Property and Equipment, Net Property, Plant and Equipment [Table Text Block] Compensation Actually Paid vs. Total Shareholder Return Compensation Actually Paid vs. Total Shareholder Return [Text Block] Financial Instruments [Domain] Financial Instruments [Domain] Beginning balance (in US dollars per share) Ending balance (in US dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Liabilities and Shareholders' Equity Liabilities and Equity [Abstract] Risks and Uncertainties [Abstract] Minimum Minimum [Member] Restatement Determination Date Restatement Determination Date Pay vs Performance Disclosure Pay vs Performance Disclosure [Table] Adoption Date Trading Arrangement Adoption Date Property, Plant and Equipment [Table] Property, Plant and Equipment [Table] Beginning balance (in US dollars per share) Ending balance (in US dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Concentration Risk [Table] Concentration Risk [Table] Right of use assets Operating Lease, Right-of-Use Asset Erroneously Awarded Compensation Recovery Erroneously Awarded Compensation Recovery [Table] Beginning balance (in shares) Ending balance (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member] Customer A Customer A [Member] Customer A Exercise Price Award Exercise Price Net Loss Per Share Earnings Per Share [Text Block] Arrangement Duration Trading Arrangement Duration Ordinary shares issued under equity incentive plans Stock Issued During Period, Value, Employee Stock Purchase Plan Shareholders' equity: Equity, Attributable to Parent [Abstract] Granted (in US 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 Peer Group Issuers, Footnote Peer Group Issuers, Footnote [Text Block] Material Terms of Trading Arrangement Material Terms of Trading Arrangement [Text Block] All Individuals All Individuals [Member] PEO PEO [Member] Income Tax Disclosure [Abstract] Name Trading Arrangement, Individual Name Other income, net Other Nonoperating Income (Expense) Statement of Stockholders' Equity [Abstract] Long-Lived Tangible Asset [Axis] Long-Lived Tangible Asset [Axis] Other non-current assets Increase (Decrease) in Other Noncurrent Assets Remaining lease term Lessee, Operating Lease, Remaining Lease Term Proceeds from employee share incentive plans Proceeds, Issuance of Shares, Share-Based Payment Arrangement, Including Option Exercised Options exercisable (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Number Summary of Significant Customers' Accounts Receivable and Revenue Schedules of Concentration of Risk, by Risk Factor [Table Text Block] Awards Close in Time to MNPI Disclosures, Table Awards Close in Time to MNPI Disclosures [Table Text Block] Share-based Payment Arrangement, Expensed and Capitalized, Amount [Table] Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table] Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member] Daniel Fleming [Member] Daniel Fleming Total cash equivalents and short-term investments Cash and Cash Equivalents, Fair Value Disclosure Aggregate Erroneous Compensation Amount Aggregate Erroneous Compensation Amount Long-term Purchase Commitment [Line Items] Long-Term Purchase Commitment [Line Items] Local Phone Number Local Phone Number Aggregate Erroneous Compensation Not Yet Determined Aggregate Erroneous Compensation Not Yet Determined [Text Block] Total operating expenses Operating Expenses Weighted-Average Remaining Contractual Term Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Additional Disclosures [Abstract] Changes in operating assets and liabilities: Increase (Decrease) in Operating Capital [Abstract] Refundable deposits Deposits Assets PEO Total Compensation Amount PEO Total Compensation Amount Long-Lived Tangible Asset [Domain] Long-Lived Tangible Asset [Domain] Schedule of Accrued Expenses Schedule of Accrued Liabilities [Table Text Block] Income Statement Location [Axis] Statement of Income Location, Balance [Axis] Commitments and Contingencies Commitments and Contingencies Disclosure [Text Block] Technology License Fees Technology License Fees [Member] Technology License Fees Ordinary Shares Common Stock [Member] Measure: Measure [Axis] Aggregate intrinsic value, options outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Aggregate Intrinsic Value, Outstanding Forgone Recovery due to Expense of Enforcement, Amount Forgone Recovery due to Expense of Enforcement, Amount Entity Emerging Growth Company Entity Emerging Growth Company Tax withheld related to RSU settlement (in shares) Share-Based Payment Arrangement, Shares Withheld for Tax Withholding Obligation Entity Central Index Key Entity Central Index Key Schedule of Inventory Schedule of Inventory, Current [Table Text Block] Lessee, Lease, Description [Table] Lessee, Lease, Description [Table] Non-GAAP Measure Description Non-GAAP Measure Description [Text Block] Non-PEO NEO Average Compensation Actually Paid Amount Non-PEO NEO Average Compensation Actually Paid Amount Award Timing, How MNPI Considered Award Timing, How MNPI Considered [Text Block] Equity Component [Domain] Equity Component [Domain] Financial Instrument [Axis] Financial Instrument [Axis] Additional 402(v) Disclosure Additional 402(v) Disclosure [Text Block] Share-based compensation APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Entity Shell Company Entity Shell Company 2028 Recorded Unconditional Purchase Obligation, to be Paid, Year Three Laboratory equipment Laboratory Equipment [Member] Laboratory Equipment Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Title Trading Arrangement, Individual Title Statement [Table] Statement [Table] Measurement Frequency [Domain] Measurement Frequency [Domain] Significant Accounting Policies Significant Accounting Policies [Text Block] Numerator: Net Income (Loss) Available to Common Stockholders, Diluted [Abstract] City Area Code City Area Code Current liabilities: Liabilities, Current [Abstract] Effective income tax rate reconciliation, change in enacted tax rate, percent Effective Income Tax Rate Reconciliation, Change in Enacted Tax Rate, Percent Deferred revenue Increase (Decrease) In Contract With Customer, Asset (Liability) Increase (Decrease) In Contract With Customer, Asset (Liability) Non-current payables relating to purchases of property and equipment Accounts Payable, Property And Equipment, Non-Current Accounts Payable, Property And Equipment, Non-Current Insider Trading Policies and Procedures Not Adopted Insider Trading Policies and Procedures Not Adopted [Text Block] Purchases of short-term investments Payments to Acquire Short-Term Investments Level 1 Fair Value, Inputs, Level 1 [Member] Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Axis] Total current assets Assets, Current Statement of Cash Flows [Abstract] Purchase commitments to be paid, remainder of fiscal year 2025 through 2029 Recorded Unconditional Purchase Obligation, To Be Paid, Year One Through Five Recorded Unconditional Purchase Obligation, To Be Paid, Year One Through Five Weighted-Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value [Abstract] Hong Kong HONG KONG Income Taxes Income Tax Disclosure [Text Block] 2029 Lessee, Operating Lease, Liability, to be Paid, Year Four Earnings Per Share [Abstract] Raw materials Inventory, Raw Materials, Net of Reserves Accumulated deficit Retained Earnings (Accumulated Deficit) Inventories Increase (Decrease) in Inventories Organization, Consolidation and Presentation of Financial Statements [Abstract] Aggregate Available Trading Arrangement, Securities Aggregate Available Amount Equity Awards Adjustments Equity Awards Adjustments [Member] Weighted average discount rate used for operating leases Operating Lease, Weighted Average Discount Rate, Percent Present value of lease liabilities Operating Lease, Liability Net cash provided by financing activities Net Cash Provided by (Used in) Financing Activities Underlying Securities Award Underlying Securities Amount Amendment Flag Amendment Flag Product warranty Standard Product Warranty Standard Product Warranty Entity Registrant Name Entity Registrant Name Adjustment to Non-PEO NEO Compensation Footnote Adjustment to Non-PEO NEO Compensation Footnote [Text Block] Stock Appreciation Rights (SARs) Stock Appreciation Rights (SARs) [Member] Depreciation and amortization Depreciation, Depletion and Amortization Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table] Gross profit Gross Profit Foreign currency translation gain (loss) Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent Fair Value as of Grant Date Award Grant Date Fair Value Customer Concentration Risk Customer Concentration Risk [Member] Level 2 Fair Value, Inputs, Level 2 [Member] Fair Value Hierarchy and NAV [Domain] Fair Value Hierarchy and NAV [Domain] Geographical [Domain] Geographical [Domain] Recovery of Erroneously Awarded Compensation Disclosure [Line Items] Revenue Disaggregated by Primary Geographical Market Disaggregation of Revenue [Table Text Block] Entity Address, Postal Zip Code Entity Address, Postal Zip Code Summary of Share-based Compensation Expense Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block] Restatement Determination Date: Restatement Determination Date [Axis] Title of 12(b) Security Title of 12(b) Security Long-term Purchase Commitment [Table] Long-Term Purchase Commitment [Table] Concentration Risk Type [Axis] Concentration Risk Type [Axis] Ordinary shares, $0.00005 par value; 1,000,000 shares authorized; 165,965 and 164,305 shares issued and outstanding at August 3, 2024 and April 27, 2024, respectively Common Stock, Value, Issued Share-Based Payment Arrangement [Abstract] Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value Certificates of deposit Certificates of Deposit [Member] Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member] Aggregate intrinsic value, options exercisable Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Aggregate Intrinsic Value Canceled/ forfeited (in US dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Cash flows from financing activities: Net Cash Provided by (Used in) Financing Activities [Abstract] Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member] Concentration Risk [Line Items] Concentration Risk [Line Items] Customer C Customer C [Member] Customer C Share-based compensation awards Share-Based Payment Arrangement [Member] Operating Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration] Operating Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration] Outstanding Share Options Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward] Cash and Cash Equivalents [Domain] Cash and Cash Equivalents [Domain] ESPP Employee Stock [Member] Basic (in US dollars per share) Earnings Per Share, Basic Accounts payable Increase (Decrease) in Accounts Payable Cash paid for amounts included in the measurement of operating lease liabilities Operating Lease, Payments Refundable deposits, noncurrent Deposits Assets, Noncurrent Adjustment To PEO Compensation, Footnote Adjustment To PEO Compensation, Footnote [Text Block] Award Timing MNPI Disclosure Award Timing MNPI Disclosure [Text Block] Purchases of property and equipment included in accounts payable, accrued expenses and other liabilities Capital Expenditures Incurred but Not yet Paid Aggregate Pension Adjustments Service Cost Aggregate Pension Adjustments Service Cost [Member] Weighted-Average Remaining Contractual Term Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Outstanding, Weighted Average Remaining Contractual Terms Compensation Actually Paid vs. Other Measure Compensation Actually Paid vs. Other Measure [Text Block] Total current liabilities Liabilities, Current Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member] Total assets Assets Cost of revenue Cost of Goods and Services Sold Granted (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Schedule of Fair Value Measurements, Recurring Fair Value, Assets Measured on Recurring Basis [Table Text Block] Purchases of property and equipment Payments to Acquire Property, Plant, and Equipment Other non-current liabilities Other non-current liabilities Other Liabilities, Noncurrent Forgone Recovery due to Violation of Home Country Law, Amount Forgone Recovery due to Violation of Home Country Law, Amount Certificates of

deposit Debt Securities, Held-to-Maturity, Fair Value Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Commitments and contingencies (Note 7) Commitments and Contingencies Other non-current liabilities Other Sundry Liabilities, Noncurrent Termination Date Trading Arrangement Termination Date Exercise of warrants, price per share (in US dollars per share) Class of Warrant or Right, Exercise Price of Warrants or Rights Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] 2027 Lessee, Operating Lease, Liability, to be Paid, Year Two Current payables relating to purchases of property and equipment Accounts Payable, Property And Equipment, Current Accounts Payable, Property And Equipment, Current Share Incentive Plan Share-Based Payment Arrangement [Text Block] Entity Address, City or Town Entity Address, City or Town Summary of Information Related to Share Option Activity Share-Based Payment Arrangement, Option, Activity [Table Text Block] Share-based compensation expense Share-Based Payment Arrangement, Expense Net loss Net loss Net Income (Loss) Attributable to Parent Trading Arrangement: Trading Arrangement [Axis] Pay vs Performance Disclosure, Table Pay vs Performance [Table Text Block] Canceled/ forfeited (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Equity Awards Adjustments, Excluding Value Reported in Compensation Table Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member] Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member] Entity File Number Entity File Number Cash and Cash Equivalents [Axis] Cash and Cash Equivalents [Axis] Warrant contra revenue Class Of Warrant Or Right, Contra Revenue Class Of Warrant Or Right, Contra Revenue Revenue Recognition Revenue from Contract with Customer [Text Block] Document Fiscal Year Focus Document Fiscal Year Focus Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Denominator: Weighted Average Number of Shares Outstanding Reconciliation [Abstract] Entity Address, Address Line Two Entity Address, Address Line Two Effect of exchange rate changes on cash Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Weighted-average shares: Weighted Average Number of Shares Outstanding, Basic [Abstract] Total cash equivalents and short-term investments Assets, Fair Value Disclosure Name Forgone Recovery, Individual Name 2025 Lessee, Operating Lease, Liability, to be Paid, Remainder of Fiscal Year Weighted average remaining lease term Operating Lease, Weighted Average Remaining Lease Term Document Period End Date Document Period End Date Finished goods Inventory, Finished Goods, Net of Reserves Award Timing MNPI Considered Award Timing MNPI Considered [Flag] Total lease payments Lessee, Operating Lease, Liability, to be Paid Thereafter Lessee, Operating Lease, Liability, to be Paid, after Year Four Lessee, Operating Lease, Liability, to be Paid, after Year Four Beginning balance (in shares) Ending balance (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Insider Trading Arrangements [Line Items] Supplemental Financial Information Supplemental Balance Sheet Disclosures [Text Block] Outstanding Aggregate Erroneous Compensation Amount Outstanding Aggregate Erroneous Compensation Amount 2028 Lessee, Operating Lease, Liability, to be Paid, Year Three PEO Actually Paid Compensation Amount PEO Actually Paid Compensation Amount Interest income Interest Income, Operating Previously deferred revenue recognized Contract with Customer, Liability, Revenue Recognized Adjustment to Compensation: Adjustment to Compensation [Axis] Prepaid expenses and other current assets Prepaid Expense and Other Assets, Current Accounts Receivable Accounts Receivable [Member] Reclassifications Reclassification, Comparability Adjustment [Policy Text Block] Document Transition Report Document Transition Report Document Quarterly Report Document Quarterly Report Fair Value, Recurring and Nonrecurring [Table] Fair Value, Recurring and Nonrecurring [Table] Customer [Domain] Customer [Domain] Accumulated other comprehensive loss Accumulated Other Comprehensive Income (Loss), Net of Tax Entity Current Reporting Status Entity Current Reporting Status Accumulated Deficit Retained Earnings [Member] Schedule of Other Noncurrent Liabilities Other Noncurrent Liabilities [Table Text Block] Pension Adjustments Service Cost Pension Adjustments Service Cost [Member] Others Other Machinery and Equipment [Member] Basic (in shares) Weighted-average shares - basic (in shares) Weighted Average Number of Shares Outstanding, Basic Stock Price or TSR Estimation Method Stock Price or TSR Estimation Method [Text Block] Maximum aggregate payments over contract term Class of Warrant or Right, Maximum Aggregate Payments Over Contract Term Class of Warrant or Right, Maximum Aggregate Payments Over Contract Term Restricted Stock Units (RSUs) Restricted Stock Units (RSUs) [Member] Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Executive Category: Executive Category [Axis] Name Awards Close in Time to MNPI Disclosures, Individual Name Construction in progress Construction in Progress [Member] Revenue Revenue Benchmark [Member] Options canceled/forfeited (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures in Period Schedule of Provisions for Income Taxes Schedule of Components of Income Tax Expense (Benefit) [Table Text Block] Entity Filer Category Entity Filer Category Schedule of Other Current Liabilities Other Current Liabilities [Table Text Block] Income Statement Location [Domain] Statement of Income Location, Balance [Domain] Cost of revenue: Cost of Revenue [Abstract] Company Selected Measure Name Company Selected Measure Name EX-101.PRE 10 crdo-20240803_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT XML 12 R1.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Cover - shares 3 Months Ended Aug. 03, 2024 Aug. 28, 2024 Cover [Abstract] Â Â Document Type 10-Q Â Document Quarterly Report true Â Document Period End Date Aug. 03, 2024 Â Document Transition Report false Â Entity File Number 001-41249 Â Entity Registrant Name Credo Technology Group Holding Ltd Â Entity Incorporation, State or Country Code E9 Â Entity Address, Address Line One Maples Corporate Services, Limited Â Entity Address, Address Line Two PO Box 309, Ugland House Â Entity Address, City or Town Grand Cayman Â Entity Address, Postal Zip Code KY1-1104 Â Entity Address, Country KY Â City Area Code 408 Â Local Phone Number 664-9329 Â Title of 12(b) Security Ordinary shares, par value $0.00005 per share Â Trading Symbol CRDO Â Security Exchange Name NASDAQ Â Entity Current Reporting Status Yes Â Entity Interactive Data Current Yes Â Entity Filer Category Large Accelerated Filer Â Entity Small Business false Â Entity Emerging Growth Company false Â Entity Shell Company false Â Entity Common Stock, Shares Outstanding Â 166,064,425 Entity Central Index Key 0001807794 Â Amendment Flag false Â Current Fiscal Year End Date --05-03 Â Document Fiscal Period Focus Q1 Â Document Fiscal Year Focus 2025 Â X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCover page. + ReferencesNo definition available. + Details Name: dei_CoverAbstract Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 2 such as Street or Suite number + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine2 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionISO 3166-1 alpha-2 country code. + ReferencesNo definition available. + Details Name: dei_EntityAddressCountry Namespace Prefix: dei_ Data Type: dei:countryCodeItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate 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. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate '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. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission 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. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionBoolean 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration XML 13 R2.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Balance Sheets - USD ($) $ in Thousands Aug. 03, 2024 Apr. 27, 2024 Current assets: Â Â Cash and cash equivalents $ 103,900 $ 66,942 Short-term investments 294,716 343,061 Accounts receivable 71,859 59,662 Inventories 31,557 25,907 Contract assets 24,400 21,562 Prepaid expenses and other current assets 15,921 13,131 Total current assets 542,353 530,265 Property and equipment, net 70,241 43,665 Right of use assets 15,860 13,077 Other non-current assets 16,411 14,925 Total assets 644,865 601,932 Current liabilities: Â Â Accounts payable 38,473 13,417 Accrued compensation and benefits 7,808 9,000 Accrued expenses and other current liabilities 20,218 18,301 Deferred revenue 2,917 3,902 Total current liabilities 69,416 44,620 Non-current operating lease liabilities 13,530 11,133 Other non-current liabilities 8,817 5,981 Total liabilities 91,763 61,734 Commitments and contingencies (Note 7) Shareholders' equity: Â Â Ordinary shares, $0.00005 par value; 1,000,000 shares authorized; 165,965 and 164,305 shares issued and outstanding at August 3, 2024 and April 27, 2024, respectively 8 8 Additional paid in capital 698,354 676,054 Accumulated other comprehensive loss (375) (519) Accumulated deficit (144,885) (135,345) Total shareholders' equity 553,102 540,198 Total liabilities and shareholders' equity $ 644,865 $ 601,932 X - DefinitionAmount of liabilities incurred to vendors for goods and services received, and accrued liabilities classified as other, payable within one year or the normal operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_AccountsPayableAndOtherAccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards

Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A 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http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name 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-Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of 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. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration in exchange for good or service transferred to customer when right is conditioned on something other than passage of time, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards

Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8 + Details Name: us-gaap_ContractWithCustomerAssetNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal 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). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_EmployeeRelatedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 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6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: 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http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_Liabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_LiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due after one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -

Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 14 R3.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Balance Sheets (Parenthetical) - $ / shares Aug. 03, 2024 Apr. 27, 2024 Statement of Financial Position [Abstract] Â Â Common stock, par value (in US dollars per share) $ 0.00005 $ 0.00005 Common stock authorized (in shares) 1,000,000,000 1,000,000,000 Common stock issued (in shares) 165,965,000 164,305,000 Common stock outstanding (in shares) 165,965,000 164,305,000 X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: 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/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfFinancialPositionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 15 R4.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Operations - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Revenue: Â Â Total revenue $ 59,714 $ 35,095 Cost of revenue: Â Â Cost of revenue 22,431 14,305 Gross profit 37,283 20,790 Operating expenses: Â Â Research and development 30,409 22,638 Selling, general and administrative 21,325 12,543 Total operating expenses 51,734 35,181 Operating loss (14,451) (14,391) Other income, net 5,533 2,157 Loss before income taxes (8,918) (12,234) Provision (benefit) for income taxes 622 (537) Net loss $ (9,540) $ (11,697) Net loss per share: Â Â Basic (in US dollars per share) $ (0.06) $ (0.08) Diluted (in US dollars per share) $ (0.06) $ (0.08) Weighted-average shares: Â Â Basic (in shares) 165,140,000 149,277,000 Diluted (in shares) 165,140,000 149,277,000 Product sales Â Â Revenue: Â Â Total revenue $ 53,839 $ 30,028 Cost of revenue: Â Â Cost of revenue 21,884 13,868 Product engineering services Â Â Revenue: Â Â Total revenue 3,486 2,293 Cost of revenue: Â Â Cost of revenue 452 293 IP license Â Â Revenue: Â Â Total revenue 2,389 2,774 Cost of revenue: Â Â Cost of revenue $ 95 $ 144 X - DefinitionThe aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1 + Details Name: us-gaap_CostOfGoodsAndServicesSold Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CostOfRevenueAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicAbstract Namespace Prefix: us-

gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16:

http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionGenerally 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. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OperatingExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (expense) related to nonoperating activities, classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_OtherNonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenuesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: srt_ProductOrServiceAxis=us-gaap_ProductMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=crdo_ProductEngineeringServicesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=us-gaap_LicenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 16 R5.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Comprehensive Loss - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Statement of Comprehensive Income [Abstract] Â Â Net loss $ (9,540) $ (11,697) Other comprehensive gain (loss): Â Â Foreign currency translation gain (loss) 144 (162) Total comprehensive loss $ (9,396) $ (11,859) X - DefinitionAmount 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235

-SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: 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 + Details Name: us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 17 R6.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Shareholders' Equity - USD ($) $ in Thousands Total Ordinary Shares Additional Paid-in Capital Accumulated Other Comprehensive Income (Loss) Accumulated Deficit Beginning balance (in shares) at Apr. 29, 2023 Â 148,651,000 Â Â Â Beginning balance at Apr. 29, 2023 $ 347,635 $ 7 $ 454,795 $ (191) $ (106,976) Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Ordinary shares issued under equity incentive plans (in shares) Â 1,214,000 Â Â Â Ordinary shares issued under equity incentive plans 3,440 Â 3,440 Â Â Tax withheld related to RSU settlement (in shares) Â (11,000) Â Â Â Tax withheld related to RSU settlement (180) Â (180) Â Â Share-based compensation 7,968 Â 7,968 Â Â Warrant contra revenue 436 Â 436 Â Â Total comprehensive loss (11,859) Â Â (162) (11,697) Ending balance (in shares) at Jul. 29, 2023 Â 149,854,000 Â Â Â Ending balance at Jul. 29, 2023 $ 347,440 $ 7 466,459 (353) (118,673) Beginning balance (in shares) at Apr. 27, 2024 164,305,000 164,305,000 Â Â Â Beginning balance at Apr. 27, 2024 $ 540,198 $ 8 676,054 (519) (135,345) Increase (Decrease) in Stockholders' Equity [Roll Forward] Â Â Â Â Â Ordinary shares issued under equity incentive plans (in shares) Â 1,697,000 Â Â Â Ordinary shares issued under equity incentive plans 3,513 Â 3,513 Â Â Tax withheld related to RSU settlement (in shares) Â (37,000) Â Â Â Tax withheld related to RSU settlement (1,071) Â (1,071) Â Â Share-based compensation 16,640 Â 16,640 Â Â Warrant contra revenue 3,218 Â 3,218 Â Â Total comprehensive loss $ (9,396) Â Â 144 (9,540) Ending balance (in shares) at Aug. 03, 2024 165,965,000 165,965,000 Â Â Â Ending balance at Aug. 03, 2024 $ 553,102 $ 8 $ 698,354 $ (375) $ (144,885) X - DefinitionAmount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase in additional paid in capital (APIC) resulting from the issuance of warrants. Includes allocation of proceeds of debt securities issued with detachable stock purchase warrants. + ReferencesReference 1: 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/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 20 -Section 25 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481284/470-20-25-2 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalWarrantIssued Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: 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/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAmount 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInStockholdersEquityRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares used to settle grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_SharesPaidForTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares issued during the period as a result of an employee stock purchase plan. + ReferencesReference 1: 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/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesEmployeeStockPurchasePlans Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAggregate change in value for stock issued during the period as a result of employee stock purchase plan. + ReferencesReference 1: 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/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueEmployeeStockPurchasePlan Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-

gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 18 R7.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Cash Flows - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Cash flows from operating activities: Â Â Net loss $ (9,540) $ (11,697) Adjustments to reconcile net loss to net cash used in operating activities: Â Â Depreciation and amortization 4,233 2,950 Share-based compensation 16,640 7,968 Warrant contra revenue 3,218 436 Write-downs (releases) for excess and obsolete inventory (298) 181 Changes in operating assets and liabilities: Â Â Accounts receivable (12,197) 21,574 Inventories (5,352) 5,049 Contract assets (2,838) 1,397 Prepaid and other current assets (2,790) (859) Other non-current assets 647 (2,505) Accounts payable 5,789 2,483 Accrued expenses, compensation and other liabilities (3,662) (1,519) Deferred revenue (1,086) (850) Net cash provided by (used in) operating activities (7,236) 24,608 Cash flows from investing activities: Â Â Purchases of property and equipment (5,863) (5,312) Maturities of short-term investments 162,061 59,228 Purchases of short-term investments (113,716) (60,526) Net cash provided by (used in) investing activities 42,482 (6,610) Cash flows from financing activities: Â Â Payments on technology license obligations (838) (2,726) Proceeds from employee share incentive plans 3,513 3,440 Tax withheld related to RSU settlement (1,071) (180) Net cash provided by financing activities 1,604 534 Effect of exchange rate changes on cash 108 (70) Net increase in cash and cash equivalents 36,958 18,462 Cash and cash equivalents at beginning of the period 66,942 108,583 Cash and cash equivalents at end of the period 103,900 127,045 Supplemental cash flow information: Â Â Purchases of property and equipment included in accounts payable, accrued expenses and other liabilities $ 27,320 $ 5,243 X - DefinitionClass Of Warrant Or Right, Contra Revenue + ReferencesNo definition available. + Details Name: crdo_ClassOfWarrantOrRightContraRevenue Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionIncrease (Decrease) In Accounts Payable And Other Accrued Liabilities And Employee Related Liabilities + ReferencesNo definition available. + Details Name: crdo_IncreaseDecreaseInAccountsPayableAndOtherAccruedLiabilitiesAndEmployeeRelatedLiabilities Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionIncrease (Decrease) In Contract With Customer, Asset (Liability) + ReferencesNo definition available. + Details Name: crdo_IncreaseDecreaseInContractWithCustomerAssetLiability Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionPayments For Recorded Unconditional Purchase Obligation + ReferencesNo definition available. + Details Name: crdo_PaymentsForRecordedUnconditionalPurchaseObligation Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFuture cash outflow to pay for purchases of fixed assets that have occurred. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5 + Details Name: us-gaap_CapitalExpendituresIncurredButNotYetPaid Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: 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 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in right to consideration in exchange for good or service transferred to customer when right is conditioned on something other than passage of time. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInContractWithCustomerAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in prepaid expenses, and assets classified as other. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of loss from reductions in inventory due to subsequent measurement adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483080/330-10-50-2 + Details Name: us-gaap_InventoryWriteDown Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name

Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow for securities or other assets acquired, which qualify for treatment as an investing activity and are to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow from issuance of shares under share-based payment arrangement. Includes, but is not limited to, option exercised. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Subparagraph (a) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2A + Details Name: us-gaap_ProceedsFromIssuanceOfSharesUnderIncentiveAndShareBasedCompensationPlansIncludingStockOptions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from sales, maturities, prepayments, calls and collections of all investments, including securities and other assets, having ready marketability and intended by management to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap_ProceedsFromSaleMaturityAndCollectionOfShorttermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SupplementalCashFlowInformationAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 19 R8.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Description of Business and Basis of Presentation 3 Months Ended Aug. 03, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Description of Business and Basis of Presentation Description of Business and Basis of PresentationCredo Technology Group Holding Ltd was formed as an exempted company under the laws of the Cayman Islands in September 2014. Credo Technology Group Holding Ltd directly owns Credo Technology Group Ltd., which owns, directly and indirectly, all of the shares of its subsidiaries in mainland China, Hong Kong, and the United States (U.S.). References to the â€œCompanyâ€ in these notes refer to Credo Technology Group Holding Ltd and its subsidiaries on a consolidated basis, unless otherwise specified.The Company is an innovator in providing secure, high-speed connectivity solutions that deliver improved power and cost efficiency. The Companyâ€™s connectivity solutions are optimized for optical and electrical Ethernet applications, including the 100G, 200G, 400G, 800G and emerging 1.6T markets. The Companyâ€™s products are based on its Serializer/Deserializer (SerDes) and Digital Signal Processor (DSP) technologies. The Companyâ€™s product families include integrated circuits (ICs), Active Electrical Cables (AECs) and SerDes Chiplets. The Companyâ€™s intellectual property (IP) solutions consist primarily of SerDes IP licensing.Basis of PresentationThe accompanying unaudited condensed consolidated financial statements are presented in accordance with generally accepted accounting principles in the United States (US GAAP) applicable to interim periods, under the rules and regulations of the U.S. Securities and Exchange Commission (the SEC). Certain information and footnote disclosures normally included in financial statements prepared in accordance with US GAAP have been condensed or omitted as permitted by the SEC. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the Companyâ€™s fiscal year 2024 audited financial statements included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended April 27, 2024. The unaudited condensed consolidated financial statements include all adjustments, including normal recurring adjustments and other adjustments, that are considered necessary for fair presentation of the Companyâ€™s financial position and results of operations. All inter-company accounts and transactions have been eliminated. Operating results for the periods presented herein are not necessarily indicative of the results that may be expected for the entire year. The Companyâ€™s fiscal year is a 52- or 53-week period ending on the Saturday closest to April 30. Its fiscal year ending May 3, 2025 (fiscal year 2025) is a 53-week fiscal year. The first quarter of fiscal year 2025 ended on August 3, 2024, the second quarter ends on November 2, 2024, and the third quarter ends on February 1, 2025. X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for organization, consolidation and basis of presentation of financial statements disclosure. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480424/946-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480424/946-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/810/tableOfContentReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/205/tableOfContent + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 20 R9.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Significant Accounting Policies 3 Months Ended Aug. 03, 2024 Accounting Policies [Abstract] Â Significant Accounting Policies Significant Accounting PoliciesThe Company believes that other than the accounting policies as described below, there have been no significant changes to the items disclosed in Note 2, â€œSignificant Accounting Policies,â€ included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended April 27, 2024.Use of EstimatesThe preparation of these condensed consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the Companyâ€™s condensed consolidated financial statements and accompanying notes.The Company bases its estimates and judgments on historical experience, knowledge of current conditions and beliefs of what could occur in the future, given the available information. Estimates are used for, but not limited to, write-down for excess and obsolete inventories, the standalone selling price for each distinct performance obligation included in customer contracts with multiple performance obligations, variable consideration from revenue contracts, the realization of tax assets and estimates of tax reserves, and impairment of long-lived assets. Actual results may differ from those estimates and such differences may be material to the financial statements. In the current macroeconomic environment, these estimates require increased judgment and carry a higher degree of variability and volatility. As events continue to evolve and additional information becomes available, these estimates may change materially in future periods.ReclassificationsCertain prior period balances were reclassified to conform to the current periodâ€™s presentation. None of these reclassifications had an impact on reported net income or cash flows for any of the periods presented.Recent Accounting Pronouncements Not Yet AdoptedIn November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280) Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This standard is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. The Company is evaluating the impact that this new standard will have on its consolidated financial statements and disclosures.In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740) Improvements to Income Tax Disclosures, which requires disclosure of disaggregated income taxes paid, prescribes standard categories for the components of the effective tax rate reconciliation, and modifies other income tax-related disclosures. This standard is effective for fiscal years beginning after May 4, 2025, and may be applied on a retrospective or prospective basis. The Company is currently evaluating the impact of adopting this guidance on its consolidated financial statements and disclosures. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for all significant accounting policies of the reporting entity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI

https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_SignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R10.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Concentrations 3 Months Ended Aug. 03, 2024 Risks and Uncertainties [Abstract] Â Concentrations ConcentrationsFinancial instruments that subject the Company to concentrations of credit risk consist primarily of cash and cash equivalents, short-term investments and accounts receivable. Cash is placed in major financial institutions around the world. The Companyâ€™s cash deposits exceed insured limits. Short-term investments are subject to counterparty risk up to the amount presented on the balance sheet.Historically, a relatively small number of customers have accounted for a significant portion of the Companyâ€™s revenue. The particular customers which account for revenue concentration have varied from period-to-period as a result of the addition of new contracts, completion of existing contracts, and the volumes and prices at which the customers have recently bought the Companyâ€™s products. These variations are expected to continue in the foreseeable future.The following tables summarize the accounts receivable and revenue as a percentage of total accounts receivable and total revenue, respectively, for the Companyâ€™s most significant customers. In the tables below, customers are defined as the contracting entities who place purchase orders or enter into revenue contracts with the Company:Accounts ReceivableAugust 3, 2024April 27, 2024Customer A70Â %53Â %Customer B*23Â %Three Months EndedRevenueAugust 3, 2024July 29, 2023Customer A56Â %41Â %Customer C*14Â %Customer B*12Â %* Less than 10% of total accounts receivable or total revenue. X - DefinitionThe 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 275 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/275/tableOfContent + Details Name: us-gaap_ConcentrationRiskDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RisksAndUncertaintiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 22 R11.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Revenue Recognition 3 Months Ended Aug. 03, 2024 Revenue Recognition and Deferred Revenue [Abstract] Â Revenue Recognition Revenue RecognitionThe following table summarizes revenue disaggregated by primary geographical market based on destination of shipment and location of contracting entity, which may differ from the customerâ€™s principal offices (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Hong Kong$29,272Â $1,990Â United States10,800Â 6,415Â Mainland China9,748Â 16,081Â Taiwan758Â 5,346Â Rest of World9,136Â 5,263Â $59,714Â $35,095Â Contract BalancesThe contract assets are primarily related to the Companyâ€™s fixed fee IP licensing arrangements and rights to consideration for performance obligations delivered but not billed as of August 3, 2024 and April 27, 2024.During the three months ended August 3, 2024, the Company recognized $1.3Â million of revenue that was included in the deferred revenue balance as of April 27, 2024. During the three months ended July 29, 2023, the Company recognized $1.3 million of revenue that was included in the deferred revenue balance as of April 29, 2023.During the three months ended August 3, 2024, the increase in contract assets of $2.1Â million was primarily driven by certain product engineering services and IP licensing arrangements where certain billing milestones were not met prior to the timing of revenue recognition.Remaining Performance ObligationsRevenue allocated to remaining performance obligations represents the transaction price allocated to the performance obligations that are unsatisfied, or partially unsatisfied, which includes unearned revenue and amounts that will be invoiced and recognized as revenue in future periods. The contracted but unsatisfied performance obligation was approximately $8.5Â million and the satisfied but unrecognized performance obligation was approximately $1.1Â million as of August 3, 2024 which the Company expects to recognize over the next 12 months. The Company applied a performance constraint on the satisfied but unrecognized performance obligation due to uncertainty around the collectability of milestone payments.Customer Warrant During fiscal year 2022, the Company issued a warrant to Amazon.com NV Investment Holdings LLC (Holder) to purchase an aggregate of up to 4,080Â thousand of the Companyâ€™s ordinary shares at an exercise price of $10.74 per share (the Customer Warrant). The exercise period of the Customer Warrant is through the seventh anniversary of the issue date. Upon issuance of the Customer Warrant, 40Â thousand of the shares issuable upon exercise of the Customer Warrant vested immediately and the remainder of the shares issuable will vest in tranches over the contract term based on the amount of global payments by Holder and its affiliates to us, up to $201Â million in aggregate payments. A total of 1,580Â thousand and 1,080Â thousand of the shares issuable upon exercise of the Customer Warrant were vested as of August 3, 2024 and April 27, 2024, respectively.Using a grant date fair value of $4.65, the Company recognized $3.2Â million for the three months ended August 3, 2024, and $0.4Â million for the three months ended July 29, 2023, as contra revenue within product sales revenue on the condensed consolidated statements of operations. X - DefinitionThe 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-15Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-12Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-13Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 606 -Publisher FASB -URI https://asc.fasb.org/606/tableOfContent + Details Name: us-gaap_RevenueFromContractWithCustomerTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueRecognitionAndDeferredRevenueAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 23 R12.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value Measurements 3 Months Ended Aug. 03, 2024 Fair Value Disclosures [Abstract] Â Fair Value Measurements Fair Value MeasurementsFair value is an exit price representing the amount that would be received in the sale of an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or a liability. As a basis for considering such assumptions, the accounting guidance establishes a three-tier value hierarchy, which prioritizes the inputs used in the valuation methodologies in measuring fair value:Level 1 - Observable inputs that reflect quoted prices for identical assets or liabilities in active markets.Level 2 - Other inputs that are directly or indirectly observable in the marketplace.Level 3 - Unobservable inputs that are supported by little or no market activity.The fair value hierarchy also requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.The Company measures the fair value of money market funds using Level 1 inputs. The Companyâ€™s certificates of deposit are classified as held-to-maturity securities as the Company intends to hold until their maturity dates. The certificates of deposit are valued using Level 2 inputs. Pricing sources may include industry standard data providers, security master files from large financial institutions, and other third-party sources used to determine a daily market value.The following tables present the fair value of the financial instruments measured on a recurring basis as of August 3, 2024 and April 27, 2024 (in thousands).August 3, 2024Level 1Level 2Level 3TotalCash equivalents:Money market funds$45,028Â $â€”Â $â€”Â $45,028Â Certificates of depositâ€”Â 52,504Â â€”Â 52,504Â Short-term investments:Certificates of depositâ€”Â 294,716Â â€”Â 294,716Â Total cash equivalents and short-term investments$45,028Â $347,220Â $â€”Â $392,248Â April 27, 2024Level 1Level 2Level 3TotalCash equivalents:Money market funds$57,175Â $â€”Â $â€”Â $57,175Â Short-term investments:Certificates of depositâ€”Â 343,061Â â€”Â 343,061Â Total cash equivalents and short-term investments$57,175Â $343,061Â $â€”Â $400,236Â The carrying amount of the Companyâ€™s financial instruments, including cash equivalents, short-term investments, accounts receivable and accounts payable, approximate their respective fair values because of their short maturities. As of August 3, 2024 and April 27, 2024, there were no unrealized losses or gains associated with the Companyâ€™s financial instruments. Interest income recognized for the three months ended August 3, 2024 and July 29, 2023 was $5.8Â million and $2.6Â million, respectively. X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 107 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-107Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-6AReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 940 -SubTopic 820 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478119/940-820-50-1 + Details Name: us-gaap_FairValueDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 24 R13.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplemental Financial Information 3 Months Ended Aug. 03, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Supplemental Financial Information Supplemental Financial InformationInventoriesInventories consisted of the following (in thousands): August 3, 2024April 27, 2024Raw materials$11,837Â $9,415Â Work in process9,561Â 7,470Â Finished goods10,159Â 9,022Â $31,557Â $25,907Â Property and Equipment, NetProperty and equipment consisted of the following (in thousands):August 3, 2024April 27, 2024Production equipment$31,410Â $27,608Â Computer equipment and software26,771Â 18,271Â Laboratory equipment21,181Â 19,840Â Leasehold improvements2,721Â 2,525Â Others618Â 534Â Construction in progress20,499Â 3,616Â 103,200Â 72,394Â Less: Accumulated depreciation and amortization(32,959) (28,729)$70,241Â $43,665Â Depreciation and amortization expense was $4.2Â million for the three months ended August 3, 2024, and $3.0Â million for the three months ended July 29, 2023. Computer equipment and software primarily includes technology licenses for computer-aided design tools relating to the Companyâ€™s R&D design of future products and intellectual properties. Production equipment and construction in progress primarily include mask set costs capitalized relating to the Companyâ€™s products already introduced or to be introduced. Accrued Expenses and Other Current LiabilitiesAccrued expenses and other current liabilities consisted of the following (in thousands):August 3, 2024April 27, 2024Accrued expenses$10,641Â $9,610Â Current payables relating to purchases of property and equipment6,452Â 5,950Â Current portion of operating lease liabilities3,125Â 2,741Â $20,218Â $18,301Â Other Non-current LiabilitiesOther non-current liabilities consisted of the following (in thousands):August 3, 2024April 27, 2024Non-current payables relating to purchases of property and equipment$7,882Â $4,950Â Other non-current liabilities935Â 1,031Â $8,817Â $5,981Â X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for supplemental balance sheet disclosures, including descriptions and amounts for assets, liabilities, and equity. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/210/tableOfContent + Details Name: us-gaap_SupplementalBalanceSheetDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R14.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies 3 Months Ended Aug. 03, 2024 Commitments and Contingencies Disclosure [Abstract] Â Commitments and Contingencies Commitments and ContingenciesNon-cancelable Purchase ObligationsTotal future non-cancelable purchase obligations as of August 3, 2024 are as follows (in thousands):Fiscal YearÂ Purchase Commitments to Manufacturing VendorsÂ Technology License Fees TotalRemainder of 2025$22,850Â $6,801Â 29,651Â 20267,306Â 8,342Â 15,648Â 20279,598Â 7,805Â 17,403Â 202812,417Â 350Â 12,767Â 20292,153Â 350Â 2,503Â Total unconditional purchase commitments$54,324Â $23,648Â $77,972Â Technology license fees include the liabilities under agreements for technology licenses between the Company and various vendors.Under the Companyâ€™s manufacturing relationships with its foundry partners, cancellation of outstanding purchase orders is allowed but requires payment of all costs and expenses incurred through the date of cancellation. As of August 3, 2024, the total value of non-cancelable purchase orders payable within the next one year that were committed with the Companyâ€™s third-party subcontractors was approximately $22.9 million. Such purchase commitments are included in the preceding table.The Company has a manufacturing supply capacity reservation agreement with an assembly subcontractor as of August 3, 2024. Under this arrangement, the Company has paid refundable deposits to the supplier in exchange for reserved manufacturing production capacity

over the term of the agreement, which approximates five years. In addition, the Company committed to certain purchase levels that were in line with the capacity reserved. If the Company does not meet the purchase level commitment, the agreement requires the Company to pay a fee equal to the difference between the actual purchase and the purchase commitment, up to the value of refundable deposits made. The Company currently estimates that it has made purchase level commitments of at least $34.2Â million for the remainder of fiscal year 2025 through fiscal year 2029 under the capacity reservation agreement. Such purchase commitments are included in the preceding table. In addition, the Company had refundable deposits of $8.6Â million of which $0.7Â million was recorded in prepaid expenses and other current assets and $7.9Â million was recorded in other non-current assets on the unaudited condensed consolidated balance sheet. Warranty ObligationsThe Companyâ€™s products generally carry a standard one-year warranty. The Companyâ€™s warranty expense was not material in the periods presented.IndemnificationsIn the ordinary course of business, the Company has entered into agreements that contain certain indemnification obligations of varying scope and terms to customers, vendors, lessors, investors, directors, officers, employees and other parties with respect to certain matters, including, but not limited to, certain losses arising out of the Companyâ€™s breach of such agreements, services to be provided by the Company or from intellectual property infringement claims made by third parties. These indemnification obligations may survive termination of the underlying agreement and the maximum potential amount of future payments the Company could be required to make under these indemnification provisions may not be subject to maximum loss limitations. The Company has not incurred material costs to defend lawsuits or settle claims related to these indemnification obligations. Accordingly, the Company had no liabilities recorded for these agreements as of August 3, 2024 and April 27, 2024. Legal ProceedingsFrom time to time, the Company may be a party to various litigation claims in the ordinary course of business. Legal fees and other costs associated with such actions are expensed as incurred. The Company assesses, in conjunction with legal counsel, the need to record a liability for litigation and contingencies. Accrual estimates are recorded when and if it is determined that such a liability for litigation and contingencies are both probable and reasonably estimable. As of the date of issuance of these unaudited condensed consolidated financial statements, the Company was not subject to any material litigation. No accruals for loss contingencies or recognition of actual losses have been recorded in any of the periods presented. X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R15.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases 3 Months Ended Aug. 03, 2024 Leases [Abstract] Â Leases LeasesThe Company leases office space, in the United States and internationally, under operating leases. The Companyâ€™s leases have remaining lease terms generally between one year and seven years. Operating leases are included in right of use assets, accrued expenses and other current liabilities, and non-current operating lease liabilities on the Companyâ€™s unaudited condensed consolidated balance sheets. The Company does not have any finance leases. Lease expense and supplemental cash flow information are as follows (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Operating lease expenses$1,016Â $921Â Cash paid for amounts included in the measurement of operating lease liabilities$955Â $836Â Right-of-use assets obtained in exchange for lease obligation$3,531Â $â€”Â The aggregate future lease payments for operating leases as of August 3, 2024 are as follows (in thousands):Fiscal YearOperating Leases2025$2,827Â 20263,623Â 20273,067Â 20283,067Â 20293,158Â Thereafter3,913Â Total lease payments19,655Â Less: Interest 6,531Â Present value of lease liabilities$13,124Â As of August 3, 2024, the weighted-average remaining lease term for the Company's operating leases was 5.7 years and the weighted-average discount rate used to determine the present value of the Company's operating leases was 6.6%. X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/842-20/tableOfContent + Details Name: us-gaap_LesseeOperatingLeasesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 27 R16.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Share Incentive Plan 3 Months Ended Aug. 03, 2024 Share-Based Payment Arrangement [Abstract] Â Share Incentive Plan Share Incentive Plan Restricted Stock Unit (RSU) AwardsA summary of information related to RSU activity during the three months ended August 3, 2024 is as follows:RSUs OutstandingNumber of Shares (in thousands)Weighted-Average Grant Date Fair ValueWeighted-Average Remaining Contractual TermAggregate Intrinsic Value (in millions)Balances as of April 27, 202410,139$16.111.52$188.2Â Granted294$28.06Vested(732)$12.26Canceled/ forfeited(232)$17.41Balances and expected to vest as of August 3, 20249,469$16.761.37$239.8Â Share Option AwardsA summary of information related to share option activity during the three months ended August 3, 2024 is as follows: Options OutstandingOutstanding Share OptionsWeighted-Average Exercise PriceWeighted-Average Remaining Contractual TermAggregate Intrinsic Value (in millions)Balance as of April 27, 20246,421$1.975.30$106.5Â Options vested and exercised(799)$1.79Options canceled/ forfeited(3)$2.33Balance and expected to vest as of August 3, 20245,619$2.005.11$131.1Â Exercisable as of August 3, 20245,614$2.005.11$131.0Â As of August 3, 2024, 5 thousand shares from share option early exercises remained subject to the Companyâ€™s repurchase rights. These shares are excluded from ordinary shares outstanding.Employee Stock Purchase Plan (ESPP)The Company issued 139Â thousand shares during the three months ended August 3, 2024 and 205Â thousand shares during the three months ended July 29, 2023, under the ESPP.Summary of Share-based Compensation ExpenseThe following table summarizes share-based compensation expense included in the unaudited condensed consolidated statements of operations (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Cost of revenue$281Â $189Â Research and development9,170Â 4,732Â Selling, general and administrative7,189Â 3,047Â $16,640Â $7,968Â X - DefinitionThe entire disclosure for share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 28 R17.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes 3 Months Ended Aug. 03, 2024 Income Tax Disclosure [Abstract] Â Income Taxes Income TaxesThe Companyâ€™s tax provision for interim periods is determined using an estimate of its annual effective tax rate, excluding zero rate jurisdictions, and adjusted for discrete items, if any, that arise during the period. Each quarter, the Company updates its estimate of the annual effective tax rate, and if the estimated annual effective tax rate changes, the Company makes a cumulative adjustment in such period. The Companyâ€™s quarterly tax provision, and estimate of its annual effective tax rate, is subject to variation due to several factors, including variability in accurately predicting its pre-tax income or loss and the mix of jurisdictions to which they relate, intercompany transactions, changes in tax laws, the applicability of special tax regimes, changes in how we do business, and discrete items.Provision (benefit) for income taxes for the three months ended August 3, 2024 and July 29, 2023 was as follows (in thousands except percentages):Three Months EndedAugust 3, 2024July 29, 2023% ChangeProvision (benefit) for income taxes$622Â $(537)(115.8)%Effective tax rate(7)%4Â %The Companyâ€™s effective tax rate for the three months ended August 3, 2024 differs from the same period in the prior fiscal year primarily due to the tax benefit of share-based compensation being offset by a full valuation allowance in the U.S. entity.During the three months ended August 3, 2024, there were no material changes to the total amount of unrecognized tax benefits and the Company does not expect any significant changes in the next 12 months. X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for income tax. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12CReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12BReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477891/740-270-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.5.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2 + Details Name: us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 29 R18.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Net Loss Per Share 3 Months Ended Aug. 03, 2024 Earnings Per Share [Abstract] Â Net Loss Per Share Net Loss Per ShareThe Company reports both basic net income (loss) per share, which is based on the weighted-average number of ordinary shares outstanding during the period, and diluted net income (loss) per share, which is based on the weighted-average number of ordinary shares outstanding and potentially dilutive shares outstanding during the period. Net loss per share for the three months ended August 3, 2024 and July 29. 2023, respectively, was determined as follows (in thousands, except per share amounts):Three Months EndedAugust 3, 2024July 29, 2023Numerator:Net loss$(9,540)$(11,697)Denominator:Weighted-average shares - basic and diluted165,140Â 149,277Â Net income (loss) per share:Basic and diluted(0.06)(0.08)Potential dilutive securities include dilutive ordinary shares from the Customer Warrant, share-based awards attributable to the assumed exercise of share options and vesting of RSUs and ESPP shares using the treasury stock method. Under the treasury stock method, potential ordinary shares outstanding are not included in the computation of diluted net income per share if their effect is anti-dilutive. The following potentially dilutive securities outstanding (in thousands) have been excluded from the computations of diluted weighted-average shares outstanding for the three months ended August 3, 2024 and July 29, 2023:Three Months EndedAugust 3, 2024July 29, 2023Share-based compensation awards15,227Â 15,652Â Customer Warrant4,080Â 4,080Â 19,307Â 19,732Â X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 30 R19.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pay vs Performance Disclosure - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Pay vs Performance Disclosure Â Â Net loss $ (9,540) $ (11,697) X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 402 -Subsection v -Paragraph 1 + Details Name: ecd_PvpTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10:

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Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 31 R20.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Insider Trading Arrangements 3 Months Ended Aug. 03, 2024 shares Trading Arrangements, by Individual Â Non-Rule 10b5-1 Arrangement Adopted false Rule 10b5-1 Arrangement Terminated false Non-Rule 10b5-1 Arrangement Terminated false Pantas Sutardja [Member] Â Trading Arrangements, by Individual Â Material Terms of Trading Arrangement On June 26, 2024, Pantas Sutardja, a member of our board of directors, adopted a Rule 10b5-1 Trading Plan, intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of 32,291 of our ordinary shares held directly by Mr. Sutardja may be sold between November 1, 2024 and February 3, 2026. The plan terminates on the earlier of: (i) February 3, 2026, (ii) the first date on which all trades set forth in the plan have been executed or (iii) such date as the plan is otherwise terminated according to its terms. Name Pantas Sutardja Title member of our board of directors Rule 10b5-1 Arrangement Adopted true Adoption Date June 26, 2024 Expiration Date February 3, 2026 Arrangement Duration 459 days Aggregate Available 32,291 Daniel Fleming [Member] Â Trading Arrangements, by Individual Â Material Terms of Trading Arrangement On July 1, 2024, Daniel Fleming, our Chief Financial Officer, adopted a Rule 10b5-1 Trading Plan, intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of 198,750 of our ordinary shares held directly by Mr. Fleming may be sold between September 30, 2024 and September 30, 2025. The plan terminates on the earlier of: (i) September 30, 2025, (ii) the first date on which all trades set forth in the plan have been executed or (iii) such date as the plan is otherwise terminated according to its terms. Name Daniel Fleming Title Chief Financial Officer Rule 10b5-1 Arrangement Adopted true Adoption Date July 1, 2024 Expiration Date September 30, 2025 Arrangement Duration 365 days Aggregate Available 198,750 Yat Tung (Job) Lam [Member] Â Trading Arrangements, by Individual Â Material Terms of Trading Arrangement On July 2, 2024, Yat Tung (Job) Lam, our Chief Operating Officer and a member of our board of directors, adopted a Rule 10b5-1 Trading Plan ("the Plan"), intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of: (i) 120,000 of our ordinary shares held directly by Mr. Lam may be sold between November 12, 2024 and October 30, 2025, (ii) 720,000 of our ordinary shares held by Chung (BVI) Co Ltd may be sold between November 12, 2024 and October 30, 2025, (iii) 270,000 of our ordinary shares held by Zhan (BVI) Co Ltd may be sold between February 18, 2025 and October 30, 2025 and (iv) 60,000 of our ordinary shares held by the Evelyn Job and April Foundation may be sold between November 12, 2024 and October 30, 2025. The Plan terminates on the earlier of: (i) October 30, 2025, (ii) the first date on which all trades set forth in the Plan have been executed or (iii) such date as the Plan is otherwise terminated according to its terms. Mr. Lam and his spouse share voting and investment power over the shares held by each of Zhan (BVI) Co Ltd, Chung (BVI) Co Ltd and the Evelyn Job and April Foundation, which is a tax-exempt 501(c)(3) charitable institution. Name Yat Tung (Job) Lam Title Chief Operating Officer Rule 10b5-1 Arrangement Adopted true Adoption Date July 2, 2024 Expiration Date October 30, 2025 Arrangement Duration 352 days Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares [Member] | Yat Tung (Job) Lam [Member] Â Trading Arrangements, by Individual Â Aggregate Available 120,000 Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by Chung (BVI) Co Ltd [Member] | Yat Tung (Job) Lam [Member] Â Trading Arrangements, by Individual Â Aggregate Available 720,000 Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by Zhan (BVI) Co Ltd [Member] | Yat Tung (Job) Lam [Member] Â Trading Arrangements, by Individual Â Aggregate Available 270,000 Yat Tung (Job) Lam Trading Arrangement, Ordinary Shares Held by the Evelyn Job and April Foundation [Member] | Yat Tung (Job) Lam [Member] Â Trading Arrangements, by Individual Â Aggregate Available 60,000 X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_MtrlTermsOfTrdArrTextBlock Namespace Prefix: ecd_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TradingArrByIndTable Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph B + Details Name: ecd_TrdArrAdoptionDate Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph C + Details Name: ecd_TrdArrDuration Namespace Prefix: ecd_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph C + Details Name: ecd_TrdArrExpirationDate Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TrdArrIndName Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph A + Details Name: ecd_TrdArrIndTitle Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 2 -Subparagraph D + Details Name: ecd_TrdArrSecuritiesAggAvailAmt Namespace Prefix: ecd_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: ecd_IndividualAxis=crdo_PantasSutardjaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_IndividualAxis=crdo_DanielFlemingMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_IndividualAxis=crdo_YatTungJobLamMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_TradingArrAxis=crdo_YatTungJobLamTradingArrangementOrdinarySharesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_TradingArrAxis=crdo_YatTungJobLamTradingArrangementOrdinarySharesHeldByChungBVICoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_TradingArrAxis=crdo_YatTungJobLamTradingArrangementOrdinarySharesHeldByZhanBVICoLtdMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: ecd_TradingArrAxis=crdo_YatTungJobLamTradingArrangementOrdinarySharesHeldByTheEvelynJobAndAprilFoundationMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 32 R21.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Significant Accounting Policies (Policies) 3 Months Ended Aug. 03, 2024 Accounting Policies [Abstract] Â Basis of Presentation Basis of PresentationThe accompanying unaudited condensed consolidated financial statements are presented in accordance with generally accepted accounting principles in the United States (US GAAP) applicable to interim periods, under the rules and regulations of the U.S. Securities and Exchange Commission (the SEC). Certain information and footnote disclosures normally included in financial statements prepared in accordance with US GAAP have been condensed or omitted as permitted by the SEC. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the Companyâ€™s fiscal year 2024 audited financial statements included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended April 27, 2024. The unaudited condensed consolidated financial statements include all adjustments, including normal recurring adjustments and other adjustments, that are considered necessary for fair presentation of the Companyâ€™s financial position and results of operations. All inter-company accounts and transactions have been eliminated. Operating results for the periods presented herein are not necessarily indicative of the results that may be expected for the entire year. Use of Estimates Use of EstimatesThe preparation of these condensed consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the Companyâ€™s condensed consolidated financial statements and accompanying notes.The Company bases its estimates and judgments on historical experience, knowledge of current conditions and beliefs of what could occur in the future, given the available information. Estimates are used for, but not limited to, write-down for excess and obsolete inventories, the standalone selling price for each distinct performance obligation included in customer contracts with multiple performance obligations, variable consideration from revenue contracts, the realization of tax assets and estimates of tax reserves, and impairment of long-lived assets. Actual results may differ from those estimates and such differences may be material to the financial statements. In the current macroeconomic environment, these estimates require increased judgment and carry a higher degree of variability and volatility. As events continue to evolve and additional information becomes available, these estimates may change materially in future periods. Reclassifications ReclassificationsCertain prior period balances were reclassified to conform to the current periodâ€™s presentation. None of these reclassifications had an impact on reported net income or cash flows for any of the periods presented. Recent Accounting Pronouncements Not Yet Adopted Recent Accounting Pronouncements Not Yet AdoptedIn November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280) Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This standard is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. The Company is evaluating the impact that this new standard will have on its consolidated financial statements and disclosures.In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740) Improvements to Income Tax Disclosures, which requires disclosure of disaggregated income taxes paid, prescribes standard categories for the components of the effective tax rate reconciliation, and modifies other income tax-related disclosures. This standard is effective for fiscal years beginning after May 4, 2025, and may be applied on a retrospective or prospective basis. The Company is currently evaluating the impact of adopting this guidance on its consolidated financial statements and disclosures. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure 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. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for reclassification affecting comparability of financial

statement. Excludes amendment to accounting standards, other change in accounting principle, and correction of error. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 205 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483504/205-10-50-1 + Details Name: us-gaap_PriorPeriodReclassificationAdjustmentDescription Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for the use of estimates in the preparation of financial statements in conformity with generally accepted accounting principles. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-9Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 11 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 12 -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-12Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-8 + Details Name: us-gaap_UseOfEstimates Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 33 R22.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Concentrations (Tables) 3 Months Ended Aug. 03, 2024 Risks and Uncertainties [Abstract] Â Summary of Significant Customers' Accounts Receivable and Revenue The following tables summarize the accounts receivable and revenue as a percentage of total accounts receivable and total revenue, respectively, for the Companyâ€™s most significant customers. In the tables below, customers are defined as the contracting entities who place purchase orders or enter into revenue contracts with the Company:Accounts ReceivableAugust 3, 2024April 27, 2024Customer A70Â %53Â %Customer B*23Â %Three Months EndedRevenueAugust 3, 2024July 29, 2023Customer A56Â %41Â %Customer C*14Â %Customer B*12Â %* Less than 10% of total accounts receivable or total revenue. X - ReferencesNo definition available. + Details Name: us-gaap_RisksAndUncertainties Abstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the nature of a concentration, a benchmark to which it is compared, and the percentage that the risk is to the benchmark. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-16Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-21 + Details Name: us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R23.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Revenue Recognition (Tables) 3 Months Ended Aug. 03, 2024 Revenue Recognition and Deferred Revenue [Abstract] Â Revenue Disaggregated by Primary Geographical Market The following table summarizes revenue disaggregated by primary geographical market based on destination of shipment and location of contracting entity, which may differ from the customerâ€™s principal offices (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Hong Kong$29,272Â $1,990Â United States10,800Â 6,415Â Mainland China9,748Â 16,081Â Taiwan758Â 5,346Â Rest of World9,136Â 5,263Â $59,714Â $35,095Â X - DefinitionTabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5 + Details Name: us-gaap_DisaggregationOfRevenueTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RevenueRecognitionAndDeferredRevenueAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 35 R24.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value Measurements (Tables) 3 Months Ended Aug. 03, 2024 Fair Value Disclosures [Abstract] Â Schedule of Fair Value Measurements, Recurring The following tables present the fair value of the financial instruments measured on a recurring basis as of August 3, 2024 and April 27, 2024 (in thousands).August 3, 2024Level 1Level 2Level 3TotalCash equivalents:Money market funds$45,028Â $â€”Â $â€”Â $45,028Â Certificates of depositâ€”Â 52,504Â â€”Â 52,504Â Short-term investments:Certificates of depositâ€”Â 294,716Â â€”Â 294,716Â Total cash equivalents and short-term investments$45,028Â $347,220Â $â€”Â $392,248Â April 27, 2024Level 1Level 2Level 3TotalCash equivalents:Money market funds$57,175Â $â€”Â $â€”Â $57,175Â Short-term investments:Certificates of depositâ€”Â 343,061Â â€”Â 343,061Â Total cash equivalents and short-term investments$57,175Â $343,061Â $â€”Â $400,236Â X - DefinitionTabular 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). + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueAssetsMeasuredOnRecurringBasisTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 36 R25.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplemental Financial Information (Tables) 3 Months Ended Aug. 03, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Schedule of Inventory Inventories consisted of the following (in thousands): August 3, 2024April 27, 2024Raw materials$11,837Â $9,415Â Work in process9,561Â 7,470Â Finished goods10,159Â 9,022Â $31,557Â $25,907Â Schedule of Property and Equipment, Net Property and equipment consisted of the following (in thousands):August 3, 2024April 27, 2024Production equipment$31,410Â $27,608Â Computer equipment and software26,771Â 18,271Â Laboratory equipment21,181Â 19,840Â Leasehold improvements2,721Â 2,525Â Others618Â 534Â Construction in progress20,499Â 3,616Â 103,200Â 72,394Â Less: Accumulated depreciation and amortization(32,959)(28,729)$70,241Â $43,665Â Schedule of Accrued Expenses Accrued expenses and other current liabilities consisted of the following (in thousands):August 3, 2024April 27, 2024Accrued expenses$10,641Â $9,610Â Current payables relating to purchases of property and equipment6,452Â 5,950Â Current portion of operating lease liabilities3,125Â 2,741Â $20,218Â $18,301Â Schedule of Other Current Liabilities Accrued expenses and other current liabilities consisted of the following (in thousands):August 3, 2024April 27, 2024Accrued expenses$10,641Â $9,610Â Current payables relating to purchases of property and equipment6,452Â 5,950Â Current portion of operating lease liabilities3,125Â 2,741Â $20,218Â $18,301Â Schedule of Other Noncurrent Liabilities Other non-current liabilities consisted of the following (in thousands):August 3, 2024April 27, 2024Non-current payables relating to purchases of property and equipment$7,882Â $4,950Â Other non-current liabilities935Â 1,031Â $8,817Â $5,981Â X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of other current liabilities. + ReferencesNo definition available. + Details Name: us-gaap_OtherCurrentLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of other noncurrent liabilities. + ReferencesNo definition available. + Details Name: us-gaap_OtherNoncurrentLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of accrued liabilities. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 37 R26.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitment and Contingencies (Tables) 3 Months Ended Aug. 03, 2024 Commitments and Contingencies Disclosure [Abstract] Â Schedule of Non-Cancelable Purchase Obligations Total future non-cancelable purchase obligations as of August 3, 2024 are as follows (in thousands):Fiscal YearÂ Purchase Commitments to Manufacturing VendorsÂ Technology License Fees TotalRemainder of 2025$22,850Â $6,801Â 29,651Â 20267,306Â 8,342Â 15,648Â 20279,598Â 7,805Â 17,403Â 202812,417Â 350Â 12,767Â 20292,153Â 350Â 2,503Â Total unconditional purchase commitments$54,324Â $23,648Â $77,972Â X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of unconditional purchase obligation recognized as liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-6Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 470 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-1 + Details Name: us-gaap_RecordedUnconditionalPurchaseObligationsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 38 R27.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases (Tables) 3 Months Ended Aug. 03, 2024 Leases [Abstract] Â Lease Expense and Supplemental Cash Flow Information Lease expense and supplemental cash flow information are as follows (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Operating lease expenses$1,016Â $921Â Cash paid for amounts included in the measurement of operating lease liabilities$955Â $836Â Right-of-use assets obtained in exchange for lease obligation$3,531Â $â€”Â Aggregate Future Lease Payments, ASC 842 The aggregate future lease payments for operating leases as of August 3, 2024 are as follows (in thousands):Fiscal YearOperating Leases2025$2,827Â 20263,623Â 20273,067Â 20283,067Â 20293,158Â Thereafter3,913Â Total lease payments19,655Â Less: Interest 6,531Â Present value of lease liabilities$13,124Â X - DefinitionTabular disclosure of lessee's lease cost. 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. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCostTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 39 R28.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Share Incentive Plan (Tables) 3 Months Ended Aug. 03, 2024 Share-Based Payment Arrangement [Abstract] Â Summary of Information Related to RSU Activity A summary of information related to RSU activity during the three months ended August 3, 2024 is as follows:RSUs OutstandingNumber of Shares (in thousands)Weighted-Average Grant Date Fair ValueWeighted-Average Remaining Contractual TermAggregate Intrinsic Value (in millions)Balances as of April 27, 202410,139$16.111.52$188.2Â Granted294$28.06Vested(732)$12.26Canceled/ forfeited(232)$17.41Balances and expected to vest as of August 3, 20249,469$16.761.37$239.8Â Summary of Information Related to Share Option Activity A summary of information related to share option activity during the three months ended August 3, 2024 is as follows: Options OutstandingOutstanding Share OptionsWeighted-Average Exercise PriceWeighted-Average Remaining Contractual TermAggregate Intrinsic Value (in millions)Balance as of April 27, 20246,421$1.975.30$106.5Â Options vested and exercised(799)$1.79Options canceled/ forfeited(3)$2.33Balance and expected to vest as of August 3, 20245,619$2.005.11$131.1Â Exercisable as of August 3, 20245,614$2.005.11$131.0Â Summary of Share-based Compensation Expense The following table summarizes share-based compensation expense included in the unaudited condensed consolidated statements of operations (in thousands):Three Months EndedAugust 3, 2024July 29, 2023Cost of revenue$281Â $189Â Research and development9,170Â 4,732Â Selling, general and administrative7,189Â 3,047Â $16,640Â $7,968Â X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: 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/1943274/2147480429/718-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock Namespace Prefix: us-gaap_ Data

Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of the number and weighted-average grant date fair value for restricted stock and restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock and restricted stock units that were granted, vested, or forfeited during the year. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfSharebasedCompensationRestrictedStockAndRestrictedStockUnitsActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 40 R29.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes (Tables) 3 Months Ended Aug. 03, 2024 Income Tax Disclosure [Abstract] Â Schedule of Provisions for Income Taxes Provision (benefit) for income taxes for the three months ended August 3, 2024 and July 29, 2023 was as follows (in thousands except percentages):Three Months EndedAugust 3, 2024July 29, 2023% ChangeProvision (benefit) for income taxes$622Â $(537)(115.8)%Effective tax rate(7)%4Â % X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of income tax expense attributable to continuing operations for each year presented including, but not limited to: current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the benefits of operating loss carryforwards, tax expense that results from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other noncurrent intangible assets of an acquired entity, adjustments of a deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the entity, and adjustments of the beginning-of-the-year balances of a valuation allowance because of a change in circumstances that causes a change in judgment about the realizability of the related deferred tax asset in future years. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 41 R30.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Net Loss Per Share (Tables) 3 Months Ended Aug. 03, 2024 Earnings Per Share [Abstract] Â Schedule of Net Loss Per Share, Basic and Diluted Net loss per share for the three months ended August 3, 2024 and July 29. 2023, respectively, was determined as follows (in thousands, except per share amounts):Three Months EndedAugust 3, 2024July 29, 2023Numerator:Net loss$(9,540)$(11,697)Denominator:Weighted-average shares - basic and diluted165,140Â 149,277Â Net income (loss) per share:Basic and diluted(0.06)(0.08) Schedule of Potentially Dilutive Securities Outstanding The following potentially dilutive securities outstanding (in thousands) have been excluded from the computations of diluted weighted-average shares outstanding for the three months ended August 3, 2024 and July 29, 2023:Three Months EndedAugust 3, 2024July 29, 2023Share-based compensation awards15,227Â 15,652Â Customer Warrant4,080Â 4,080Â 19,307Â 19,732Â X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular 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. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R31.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Concentrations (Details) - Customer Concentration Risk 3 Months Ended 12 Months Ended Aug. 03, 2024 Jul. 29, 2023 Apr. 27, 2024 Accounts Receivable | Customer A Â Â Â Concentration Risk [Line Items] Â Â Â Concentration risk percentage 70.00% Â 53.00% Accounts Receivable | Customer B Â Â Â Concentration Risk [Line Items] Â Â Â Concentration risk percentage Â Â 23.00% Revenue | Customer A Â Â Â Concentration Risk [Line Items] Â Â Â Concentration risk percentage 56.00% 41.00% Â Revenue | Customer B Â Â Â Concentration Risk [Line Items] Â Â Â Concentration risk percentage Â 12.00% Â Revenue | Customer C Â Â Â Concentration Risk [Line Items] Â Â Â Concentration risk percentage Â 14.00% Â X - DefinitionLine 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 310 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478785/954-310-50-2 + Details Name: us-gaap_ConcentrationRiskLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_AccountsReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=crdo_CustomerAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=crdo_CustomerBMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=crdo_CustomerCMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 43 R32.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Revenue Recognition - Disaggregation of Revenue (Details) - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Disaggregation of Revenue [Line Items] Â Â Total revenue $ 59,714 $ 35,095 Hong Kong Â Â Disaggregation of Revenue [Line Items] Â Â Total revenue 29,272 1,990 United States Â Â Disaggregation of Revenue [Line Items] Â Â Total revenue 10,800 6,415 Mainland China Â Â Disaggregation of Revenue [Line Items] Â Â Total revenue 9,748 16,081 Taiwan Â Â Disaggregation of Revenue [Line Items] Â Â Total revenue 758 5,346 Rest of World Â Â Disaggregation of Revenue [Line Items] Â Â Total revenue $ 9,136 $ 5,263 X - DefinitionLine 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 91 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479777/606-10-55-91 + Details Name: us-gaap_DisaggregationOfRevenueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_StatementGeographicalAxis=country_HK Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_CN Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_TW Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=crdo_RESTOFTHEWORLDMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 44 R33.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Revenue Recognition - Narrative (Details) - USD ($) $ / shares in Units, shares in Thousands, $ in Thousands 3 Months Ended 12 Months Ended Aug. 03, 2024 Jul. 29, 2023 Apr. 27, 2024 Apr. 30, 2022 Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Â Â Â Â Previously deferred revenue recognized $ 1,300 $ 1,300 Â Â Increase in contract assets 2,100 Â Â Â Unsatisfied performance obligation, amount 8,500 Â Â Â Previously satisfied performance obligation, amount 1,100 Â Â Â Number of shares called by warrant (in shares) Â Â Â 4,080 Exercise of warrants, price per share (in US dollars per share) Â Â Â $ 10.74 Number of shares vested upon warrant exercise (in shares) Â Â Â 40 Maximum aggregate payments over contract term Â Â Â $ 201,000 Warrant contra revenue $ 3,218 $ 436 Â Â Grant date fair value of warrant (in US dollars per share) $ 4.65 $ 4.65 Â Â Customer Warrant Â Â Â Â Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Â Â Â Â Vested in period (in shares) 1,580 Â 1,080 Â X - DefinitionClass Of Warrant Or Right, Contra Revenue + ReferencesNo definition available. + Details Name: crdo_ClassOfWarrantOrRightContraRevenue Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionClass Of Warrant Or Right, Grant Date Fair Value + ReferencesNo definition available. + Details Name: crdo_ClassOfWarrantOrRightGrantDateFairValue Namespace Prefix: crdo_ Data Type: dtr-types1:perShareItemType Balance Type: na Period Type: duration X - DefinitionClass of Warrant or Right, Maximum Aggregate Payments Over Contract Term + ReferencesNo definition available. + Details Name: crdo_ClassOfWarrantOrRightMaximumAggregatePaymentsOverContractTerm Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionClass of Warrant or Right, Number of Shares Vested + ReferencesNo definition available. + Details Name: crdo_ClassOfWarrantOrRightNumberOfSharesVested Namespace Prefix: crdo_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionIncrease (Decrease) in Contract with Customer, Asset, Current and Noncurrent + ReferencesNo definition available. + Details Name: crdo_IncreaseDecreaseInContractWithCustomerAssetCurrentAndNoncurrent Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRevenue, Satisfied Performance Obligation, Amount + ReferencesNo definition available. + Details Name: crdo_RevenueSatisfiedPerformanceObligationAmount Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRevenue, Unsatisfied Performance Obligation, Amount + ReferencesNo definition available. + Details Name: crdo_RevenueUnsatisfiedPerformanceObligationAmount Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionExercise price per share or per unit of warrants or rights outstanding. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of securities into which the class of warrant or right may be converted. For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-3 + Details Name: us-gaap_ClassOfWarrantOrRightNumberOfSecuritiesCalledByWarrantsOrRights Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAmount of revenue recognized that was previously included in balance of obligation to transfer good or service to customer for which consideration from customer has been received or is due. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8 + Details Name: us-gaap_ContractWithCustomerLiabilityRevenueRecognized Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionLine 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. + ReferencesNo definition available. + Details Name: us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X -

DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_WarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 45 R34.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value Measurements - Recurring Basis (Details) - Fair Value, Recurring - USD ($) $ in Thousands Aug. 03, 2024 Apr. 27, 2024 Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments $ 392,248 $ 400,236 Certificates of deposit Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 52,504 Â Certificates of deposit 294,716 343,061 Money market funds Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 45,028 57,175 Level 1 Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 45,028 57,175 Level 1 | Certificates of deposit Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 0 Â Certificates of deposit 0 0 Level 1 | Money market funds Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 45,028 57,175 Level 2 Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 347,220 343,061 Level 2 | Certificates of deposit Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 52,504 Â Certificates of deposit 294,716 343,061 Level 2 | Money market funds Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 0 0 Level 3 Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 0 0 Level 3 | Certificates of deposit Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments 0 Â Certificates of deposit 0 0 Level 3 | Money market funds Â Â Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Â Â Total cash equivalents and short-term investments $ 0 $ 0 X - DefinitionFair value portion of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_AssetsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of 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. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_CashAndCashEquivalentsFairValueDisclosure Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value of investment in debt security measured at amortized cost (held-to-maturity). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 3: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-5Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-5AReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_HeldToMaturitySecuritiesFairValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FinancialInstrumentAxis=us-gaap_CertificatesOfDepositMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_CashAndCashEquivalentsAxis=us-gaap_MoneyMarketFundsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 46 R35.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value Measurements (Details) - USD ($) $ in Millions 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Fair Value Disclosures [Abstract] Â Â Interest income $ 5.8 $ 2.6 X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of operating interest income, including, but not limited to, amortization and accretion of premiums and discounts on securities. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column E)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 45 -Paragraph 39 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477346/946-830-45-39Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(1)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 9: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column E)(Footnote 6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-6 + Details Name: us-gaap_InterestIncomeOperating Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 47 R36.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplemental Financial Information - Schedule of Inventory (Details) - USD ($) $ in Thousands Aug. 03, 2024 Apr. 27, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Â Raw materials $ 11,837 $ 9,415 Work in process 9,561 7,470 Finished goods 10,159 9,022 Inventories $ 31,557 $ 25,907 X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of merchandise or goods held by the company that are readily available for sale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryFinishedGoodsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of unprocessed items to be consumed in the manufacturing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryRawMaterialsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of reserves and adjustments, as of the balance sheet date of merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials, labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcessNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 48 R37.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplemental Financial Information - Schedule of Property and Equipment, Net (Details) - USD ($) $ in Thousands Aug. 03, 2024 Apr. 27, 2024 Property, Plant and Equipment [Line Items] Â Â Property and equipment, gross $ 103,200 $ 72,394 Less: Accumulated depreciation and amortization (32,959) (28,729) Property and equipment, net 70,241 43,665 Production equipment Â Â Property, Plant and Equipment [Line Items] Â Â Property and equipment, gross 31,410 27,608 Computer equipment and software Â Â Property, Plant and Equipment [Line Items] Â Â Property and equipment, gross 26,771 18,271 Laboratory equipment Â Â Property, Plant and Equipment [Line Items] Â Â Property and equipment, gross 21,181 19,840 Leasehold improvements Â Â Property, Plant and Equipment [Line Items] Â Â Property and equipment, gross 2,721 2,525 Others Â Â Property, Plant and Equipment [Line Items] Â Â Property and equipment, gross 618 534 Construction in progress Â Â Property, Plant and Equipment [Line Items] Â Â Property and equipment, gross $ 20,499 $ 3,616 X - DefinitionAmount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7A + Details Name: us-gaap_PropertyPlantAndEquipmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting

Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=crdo_ProductionEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=crdo_ComputerEquipmentAndSoftwareMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=crdo_LaboratoryEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_LeaseholdImprovementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_OtherMachineryAndEquipmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_ConstructionInProgressMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 49 R38.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplemental Financial Information - Narrative (Details) - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Â Depreciation and amortization $ 4,233 $ 2,950 X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 50 R39.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplemental Financial Information - Schedule of Accrued Expenses and Other Current Liabilities (Details) - USD ($) $ in Thousands Aug. 03, 2024 Apr. 27, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Â Accrued expenses $ 10,641 $ 9,610 Current payables relating to purchases of property and equipment 6,452 5,950 Current portion of operating lease liabilities $ 3,125 $ 2,741 Operating Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration] Accrued expenses and other current liabilities Accrued expenses and other current liabilities Accrued expenses and other current liabilities $ 20,218 $ 18,301 X - DefinitionAccounts Payable, Property And Equipment, Current + ReferencesNo definition available. + Details Name: crdo_AccountsPayablePropertyAndEquipmentCurrent Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities incurred to vendors for goods and services received, and accrued liabilities classified as other, payable within one year or the normal operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_AccountsPayableAndOtherAccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes current operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-2 + Details Name: us-gaap_OperatingLeaseLiabilityCurrentStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 51 R40.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supplemental Financial Information - Schedule of Other Noncurrent Liabilities (Details) - USD ($) $ in Thousands Aug. 03, 2024 Apr. 27, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] Â Â Non-current payables relating to purchases of property and equipment $ 7,882 $ 4,950 Other non-current liabilities 935 1,031 Other non-current liabilities $ 8,817 $ 5,981 X - DefinitionAccounts Payable, Property And Equipment, Non-Current + ReferencesNo definition available. + Details Name: crdo_AccountsPayablePropertyAndEquipmentNonCurrent Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of liabilities classified as other, due after one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionObligations not otherwise itemized or categorized in the footnotes to the financial statements that are expected to be paid after one year (or the normal operating cycle, if longer), from the balance sheet date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_OtherSundryLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 52 R41.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitment and Contingencies - Schedule of Non-Cancelable Purchase Obligations (Details) $ in Thousands Aug. 03, 2024 USD ($) Long-term Purchase Commitment [Line Items] Â Remainder of 2025 $ 29,651 2026 15,648 2027 17,403 2028 12,767 2029 2,503 Total unconditional purchase commitments 77,972 Manufacturing Vendors Â Long-term Purchase Commitment [Line Items] Â Remainder of 2025 22,850 2026 7,306 2027 9,598 2028 12,417 2029 2,153 Total unconditional purchase commitments 54,324 Technology License Fees Â Long-term Purchase Commitment [Line Items] Â Remainder of 2025 6,801 2026 8,342 2027 7,805 2028 350 2029 350 Total unconditional purchase commitments $ 23,648 X - DefinitionLine 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. + ReferencesNo definition available. + Details Name: us-gaap_LongTermPurchaseCommitmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of the recorded obligation to transfer funds in the future for fixed or minimum amounts or quantities of goods or services at fixed or minimum prices (for example, as in take-or-pay contracts or throughput contracts). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-6 + Details Name: us-gaap_RecordedUnconditionalPurchaseObligation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of recorded unconditional purchase 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-6 + Details Name: us-gaap_RecordedUnconditionalPurchaseObligationDueInFourthYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of recorded unconditional purchase obligation to be paid in remainder of current fiscal year. + ReferencesNo definition available. + Details Name: us-gaap_RecordedUnconditionalPurchaseObligationDueInRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of recorded unconditional purchase obligation 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-6 + Details Name: us-gaap_RecordedUnconditionalPurchaseObligationDueInSecondYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of recorded unconditional purchase obligation 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-6 + Details Name: us-gaap_RecordedUnconditionalPurchaseObligationDueInThirdYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of recorded unconditional purchase 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-6 + Details Name: us-gaap_RecordedUnconditionalPurchaseObligationDueWithinOneYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_RecordedUnconditionalPurchaseObligationByCategoryOfItemPurchasedAxis=crdo_ManufacturingVendorsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RecordedUnconditionalPurchaseObligationByCategoryOfItemPurchasedAxis=crdo_TechnologyLicenseFeesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 53 R42.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies - Narrative (Details) - USD ($) $ in Millions 3 Months Ended 12 Months Ended Aug. 03, 2024 Apr. 27, 2024 Long-term Purchase Commitment [Line Items] Â Â Purchase obligations, term Â 5 years Product warranty 1 year Â Manufacturing Vendors Â Â Long-term Purchase Commitment [Line Items] Â Â Purchase obligations within the next one year $ 22.9 Â Purchase commitments to be paid, remainder of fiscal year 2025 through 2029 34.2 Â Refundable deposits 8.6 Â Refundable deposits, current 0.7 Â Refundable deposits, noncurrent $ 7.9 Â X - DefinitionPurchase Obligation, to be Paid, Within The Next Year + ReferencesNo definition available. + Details Name: crdo_PurchaseObligationToBePaidWithinTheNextYear Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionRecorded Unconditional Purchase Obligation, To Be Paid, Year One Through Five + ReferencesNo definition available. + Details Name: crdo_RecordedUnconditionalPurchaseObligationToBePaidYearOneThroughFive Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionStandard Product Warranty + ReferencesNo definition available. + Details Name: crdo_StandardProductWarranty Namespace Prefix: crdo_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionCarrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment in the future. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DepositsAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment within one year or during the operating cycle, if shorter. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DepositsAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment after one year or beyond the operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DepositsAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionLine 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. + ReferencesNo definition available. + Details Name: us-gaap_LongTermPurchaseCommitmentLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPeriod covered by the long-term purchase commitment, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_LongtermPurchaseCommitmentPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RecordedUnconditionalPurchaseObligationByCategoryOfItemPurchasedAxis=crdo_ManufacturingVendorsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 54 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases - Narrative (Details) Aug. 03, 2024 Lessee, Lease, Description [Line Items] Â Weighted average remaining lease term 5 years 8 months 12 days Weighted average discount rate used for operating leases 6.60% Minimum Â Lessee, Lease, Description [Line Items] Â Remaining lease term 1 year Maximum Â Lessee, Lease, Description [Line Items] Â Remaining lease term 7 years X - DefinitionLine 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-3 + Details Name: us-gaap_LesseeLeaseDescriptionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionRemaining lease term of operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and

thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-3 + Details Name: us-gaap_LesseeOperatingLeaseRemainingLeaseTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionWeighted average discount rate for operating lease calculated at point in time. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionWeighted average remaining lease term for operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases - Lease Expense and Supplemental Cash Flow Information (Details) - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Leases [Abstract] Â Â Operating lease expenses $ 1,016 $ 921 Cash paid for amounts included in the measurement of operating lease liabilities 955 836 Right-of-use assets obtained in exchange for lease obligation $ 3,531 $ 0 X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash outflow from operating lease, excluding payments to bring another asset to condition and location necessary for its intended use. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-5Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeasePayments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase in right-of-use asset obtained in exchange for operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 56 R45.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Leases - Aggregate Future Lease Payments (Details) $ in Thousands Aug. 03, 2024 USD ($) Leases [Abstract] Â 2025 $ 2,827 2026 3,623 2027 3,067 2028 3,067 2029 3,158 Thereafter 3,913 Total lease payments 19,655 Less: Interest 6,531 Present value of lease liabilities $ 13,124 X - DefinitionLessee, Operating Lease, Liability, to be Paid, after Year Four + ReferencesNo definition available. + Details Name: crdo_LesseeOperatingLeaseLiabilityToBePaidAfterYearFour Namespace Prefix: crdo_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount 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). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 57 R46.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Share Incentive Plan - Summary of Information Related to RSU Activity (Details) - Restricted Stock Units (RSUs) - USD ($) $ / shares in Units, shares in Thousands, $ in Millions 3 Months Ended 12 Months Ended Aug. 03, 2024 Apr. 27, 2024 Number of Shares (in thousands) Â Â Beginning balance (in shares) 10,139 Â Granted (in shares) 294 Â Vested (in shares) (732) Â Canceled/ forfeited (in shares) (232) Â Ending balance (in shares) 9,469 10,139 Weighted-Average Grant Date Fair Value Â Â Beginning balance (in US dollars per share) $ 16.11 Â Granted (in US dollars per share) 28.06 Â Vested (in US dollars per share) 12.26 Â Canceled/ forfeited (in US dollars per share) 17.41 Â Ending balance (in US dollars per share) $ 16.76 $ 16.11 Weighted-Average Remaining Contractual Term Â Â Weighted-Average Remaining Contractual Term 1 year 4 months 13 days 1 year 6 months 7 days Aggregate Intrinsic Value Â Â Aggregate intrinsic value, options outstanding $ 239.8 $ 188.2 X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for equity-based awards excluding options, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Subparagraph (e)(1) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsOutstandingWeightedAverageRemainingContractualTerms Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNonOptionEquityInstrumentsOutstandingRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsAdditionalDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherThanOptionsAggregateIntrinsicValueAbstract Namespace Prefix: us-gaap_ Data Type:

xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionIntrinsic value of outstanding award under share-based payment arrangement. Excludes share and unit options. + ReferencesNo definition available. + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherThanOptionsAggregateIntrinsicValueOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 58 R47.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Share Incentive Plan - Summary of Information Related to Share Option Activity (Details) - USD ($) $ / shares in Units, shares in Thousands, $ in Millions 3 Months Ended 12 Months Ended Aug. 03, 2024 Apr. 27, 2024 Outstanding Share Options Â Â Beginning balance (in shares) 6,421 Â Options exercised and vested (in shares) (799) Â Options canceled/forfeited (in shares) (3) Â Ending balance (in shares) 5,619 6,421 Options exercisable (in shares) 5,614 Â Weighted-Average Exercise Price Â Â Beginning balance (in US dollars per share) $ 1.97 Â Options exercised and vested (in US dollars per share) 1.79 Â Options canceled/forfeited (in US dollars per share) 2.33 Â Ending balance (in US dollars per share) 2.00 $ 1.97 Options exercisable (in US dollars per share) $ 2.00 Â Weighted-Average Remaining Contractual Term Â Â Weighted-average remaining contractual term, options outstanding 5 years 1 month 9 days 5 years 3 months 18 days Weighted-average remaining contractual term, options exercisable 5 years 1 month 9 days Â Aggregate intrinsic value, options outstanding $ 131.1 $ 106.5 Aggregate intrinsic value, options exercisable $ 131.0 Â X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsAdditionalDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAmount by which the current fair value of the underlying stock exceeds the exercise price of options outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of options outstanding, including both vested and non-vested options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePriceRollforward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest exercisable or convertible options. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableAggregateIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of fully vested and expected to vest exercisable options that may be converted into shares under option plan. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest exercisable or convertible options. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionWeighted average price at which option holders acquired shares when converting their stock options into shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsExercisesInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price at which grantees could have acquired the underlying shares with respect to stock options that were terminated. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsForfeituresInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for option awards outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Subparagraph (e)(1) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for fully vested and expected to vest exercisable or convertible options, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of share options (or share units) exercised during the current period. + ReferencesReference 1: 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/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 59 R48.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Share Incentive Plan - Narrative (Details) - shares shares in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Â Share repurchase program, remaining authorized amount (in shares) 5 Â ESPP Â Â Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Â Â Shares issued during period (in shares) 139 205 X - DefinitionLine 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares issued under share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardSharesIssuedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type:

duration X - DefinitionNumber of shares remaining authorized to be purchased under share repurchase plan. Includes, but is not limited to, repurchase of stock and unit of ownership. + ReferencesNo definition available. + Details Name: us-gaap_StockRepurchaseProgramRemainingNumberOfSharesAuthorizedToBeRepurchased Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_AwardTypeAxis=us-gaap_EmployeeStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 60 R49.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Share Incentive Plan - Summary of Share-Based Compensation Expense (Details) - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Share-based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Share-based compensation expense $ 16,640 $ 7,968 Cost of revenue Â Â Share-based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Share-based compensation expense 281 189 Research and development Â Â Share-based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Share-based compensation expense 9,170 4,732 Selling, general and administrative Â Â Share-based Payment Arrangement, Expensed and Capitalized, Amount [Line Items] Â Â Share-based compensation expense $ 7,189 $ 3,047 X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine 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. + ReferencesNo definition available. + Details Name: us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_CostOfSalesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_ResearchAndDevelopmentExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 61 R50.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes (Details) - USD ($) $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Income Tax Disclosure [Abstract] Â Â Provision (benefit) for income taxes $ 622 $ (537) Effective tax rate (7.00%) 4.00% Effective income tax rate reconciliation, change in enacted tax rate, percent (115.80%) Â X - DefinitionPercentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231 + Details Name: us-gaap_EffectiveIncomeTaxRateContinuingOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPercentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to changes in the income tax rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12A -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_EffectiveIncomeTaxRateReconciliationChangeInEnactedTaxRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 62 R51.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Net Loss Per Share - Schedule of Net Loss Per Share, Basic and Diluted (Details) - USD ($) $ / shares in Units, $ in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Numerator: Â Â Net loss $ (9,540) $ (11,697) Denominator: Â Â Weighted-average shares - basic (in shares) 165,140,000 149,277,000 Weighted-average shares - diluted (in shares) 165,140,000 149,277,000 Net loss per share: Â Â Basic (in US dollars per share) $ (0.06) $ (0.08) Diluted (in US dollars per share) $ (0.06) $ (0.08) X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -

URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersDilutedAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingDilutedDisclosureItemsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 63 R52.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Net Loss Per Share - Schedule of Potentially Dilutive Securities Outstanding (Details) - shares shares in Thousands 3 Months Ended Aug. 03, 2024 Jul. 29, 2023 Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Antidilutive securities excluded from computation of earnings per share (in shares) 19,307 19,732 Share-based compensation awards Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Antidilutive securities excluded from computation of earnings per share (in shares) 15,227 15,652 Customer Warrant Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Â Â Antidilutive securities excluded from computation of earnings per share (in shares) 4,080 4,080 X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionLine 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. + ReferencesNo definition available. + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_StockCompensationPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_WarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 64 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 ('>()5D'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V./0L",1!$_\IQO;=!P4)B0-!2L+(/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(_C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4A!0W_J=0U[R;UEA_6\#MI7E!+ P04 M " !WB"59;95!E^\ K @ $0 &1O8U!R;W!S+V-O&ULS9+/ M3L,P#(=?!>7>.FT9$E&7"]-.("$Q"<0M2KPMHOFCQ*C=V].6K1."!^ 8^Y?/ MGR6W.@H=CZG#&1Q7PSN,YGH>.:'8FB ,CZB$[ED/ M=4"H.;\#AZ2,(@43L(@+D_"V@6XES]$SMW@)V30[9+JN_[LF_FW+A#!6]/CR_SNH7U MF937./[*5M IXII=)K\V#YO=ELF:U[<%OR_X:E=7@C>B6;U/KC_\KL(N&+NW M_]CX(BA;^'47\@M02P,$% @ =X@E69E&UL[5I;<]HX%'[OK]!X9_9M"\8V@;:T$W-I=MNTF83M M3A^%$5B-;'EDD81_OTV23;J;/ 0LZ?O.14?GZ#AY\^XN8NB&B)3R M> +]O6N[!3+ MUES@6QHO(];JM-O=5H1I;*$81V1@?5XL:$#05%%:;U\@M.4?, @5RU2-9:,! M$U=!)KF(M/+Y;,7\VMX^9< I.ATR@6XP&U@@?\YOI^1.6HCA5,+$P&IG/U9K MQ]'22(""R7V4!;I)]J/3%0@R#3LZG5C.=GSVQ.V?C,K:=#1M&N#C\7@XMLO2 MBW A(5M>5 TR M6'!VULS2 Y9>*?IUE!K9';O=05SP6.XYB1'^QL4$UFG2&98T1G*=D 4. #?$ MT4Q0? *]!MHK@PI+27)#6SRFU4!H(FLB!]4>"(<7K;YH] M5Z%82=J$^!!&&N*<<^9ST6S[!Z5&T?95O-RCEU@5 9<8WS2J-2S%UGB5P/&M MG#P=$Q+-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$N7V85VWGV-'1^^?!4;"C[SR6'<>(\J[A[J&&F, # M0X=Y>U^89Y7&4#04;6RL)"Q&MV"XU_$L%.!D8"V@!X.O40+R4E5@,5O& RN0 MHGQ,C$7H<.>77%_CT9+CVZ9EM6ZO*7<9;2)2.<)IF!-GJ\K>9;'!51W/55OR ML+YJ/;053L_^6:W(GPP13A8+$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%(JP# 4A M%W+C[^^3:G>,U_HL@6V$5#)DU1?*0XG!/3-R0]A4)?.NVB8+A=OB5,V[&KXF M8$O#>FZ=+2? VU[4/;07/4;SHYG@'K.' MYA,L0Z1^P7V*BH 1JV*^NJ]/^26<.[1[\8$@F_S6VZ3VW> ,? -2K6J5D*Q$_ M2P=\'Y(&8XQ;]#1?CQ1BK::QK<;:,0QY@%CS#*%F.-^'19H:,]6+K#F-"F]! MU4#E/]O4#6CV#30,9FV-J/D3@H\W/[O#;#"Q([A[8N_ 5!+ P04 M" !WB"59B4GT!^\% #W'@ & 'AL+W=OU=+[\J5;E,W[85)7(@NB3/'*>6_ MW^,$DE[/>4#1T1AEJ1(*(+BJ,<<9]B+>9ATQJ/BNZD:CV2NHS 14T6R M/(ZY6E^(2*[..[2S_>(^7"RU^:(W'J5\(69"_Y%.%=SU*I4@C$62A3(A2CR= M=R;TG>JM^79@',W.>"4]&?X6!7IYW3CLD$$\\C_2]7'T0&T,#H^?+ M*"O^DU7Y,K_?(7Z>:1EO@J$$<9B4G_QEDXC7 <.& +8)8&\":-,ON)L MS!: MEJRP=X>S4%OY-<=PJ/VZAYZ+Y^6O+4.E0M^N8/KANRSEOCCO M0$?+A'H6G?$O/]&A\[O-W@\2^\9LOS+;Q]3'E]+/H8MJ\K!.A; M)32JI:5!96FPGZ4O.5=:J&A-[D4JE;;9PZ6TRFU)\="HEO:&EWA?O:F0H4R M,+V0P#A@K3Q@X1<=K['FH0$NC)Y71DSV;IN(PAQ130'-%XEI//,JL-8F& MM31X6AD\10MUE>A0K\EU& GR.8_G0MF,X1J.0[M]ROIG-G-H:$MS9Y6YLWW, MW8M%:,91J,;//+8V4ES'4R*0Y$'XRT1&@?AO&H7[+'IL\ MH*)M\\#J/+#V>7A826L>&<,GI';F0+\1USH[('XN(PWC_0>;VX0R7:NN^)B>* MLLIW[CUS!RW^0:X2JW-<[KTR9CV^CKDMW,/#V[JMT8GB\//6[51FFD?D[S!M M[JXXL='VJ74L4[%>&ALS5441R%OJO:^8R^[1S"(''B M-4%1'\>0@WP))\(9; _.?X,9PL\5U*35)*YTIX G.,S*Y;+XB*1Y8+\ M[!P[\#<@*:P+B\?63!R"MFB-6Q3G)(#D HAFZW@N(VL"=H#6_>6=U=W*%SRQ6T]HGO"Q "F:"4M#H^! BQ&H387B TBWD4 MD8L\@\>9O=WB.HVK=#RNK;^:?=A>[',5"[4P'1.6H"N]!%*(4Y[8JQ87;#9Z M" IB-04Q'&*V%;D44)&8/5RFV=XA:(C5-,1PD-F.M#*.90+#J_2_PK*\F._) M7:Z!W4,SAUH=_R#.V>2A5!L4:N;8Y7E,AT-GV.^SP:CW;#-9(Q';:U?)@R%5 M ?O=)(%X(1^%O1YW;2XY]-0Y.3FS[\H? GA8#3P,YY5)+)*@V!^\CKB]SG"! MYE9Z".)Q:^)Q<5#9@L!UF!EX?Q0 HM@F[PZY;M<9=!W7>O!P"/!Q:_!Q<4RI M-G@W3C<;VM?PM77VV"'WA5H]'@ZW!IZ7!Q1WGHL:K/9(2[&'#,\6#S^4.#I MO3I:-#->:<>*:$=\L^,M3QNK;ZE1W4IQE]NK7RR/A3]Q,F!F)Q!.$.L72\$#H*LZ(;5)5+$@3QLF*B7JPNNL]NU.I"MJ84-;]12+=5Q=33 M6U[*Q\L%7OSXX).XWQC[P7)UT;![?LO-E^9&P=URYZ40%:^UD#52?VYN,+G MUS2P SJ+OP5_U'O7R(9R^57> _^N%P$5A$O>6ZL"P: 'O@U+TOK"71\ZYTN M=L^T _>O? WC_HPL>@KECFE_+\A]1F,WE(EV@@J]96YI/\O%/W@<467^Y+'7W M/WKL;8,%REMM9-4/!@65]+>_V?=^(O8&X'!B .D'D.<.H/T V@6Z5=:%]8X9 MMKI0\A$I:PW>[$4W-]UHB$;4]C7>&@7?"AAG5M>R+N"E\ +!E9:E*)B!F[>L M9'7.T:UUK-$I^G+[#OW^ZC5ZA42-/F]DJUE=Z(NE 0W6TS+OG_=V^SPR\;RK M]OX,!?0$D8"$GN'71X8WZ@R1Q#=\"9'OPB> [\$GGCTZ%WRK%:X.8UA#GN2^> MK8/0[\"NLG/=L)Q?+F 9::X>^&+UZR\X#M[XHGLA9P>QTEVL=,[[ZIKI#8*W MAG)[P;^UXH&5$+SW+6Y=Q9TK6PH>5CB@61!<+! VXW'-XC@+R<[J0&BX$QK. M"KW=2&5.#5<5)-L#UZ::4KGU$^"]GF1A@N.12M>,AC2(L5]FM),9S\4QK,*W\LU48JP;VS%[O3 M@J,H&2ESK4B4!8E?6;)3ELSGHJR-@A+>+SR? NL1];A@Z">BQPM'4O*4[=>FL MNAO%&R8*Q+\WMC;J;M5(L^$*2O)^P?#I3AU%.,H('NGV6%'XY]>=[71GL[H_M2\/*9TC,W&0+"8WH2*/'C 8DCOPB<3 @)S@RO="%*//43:NM0XU=X">HYL8+ ME,!=05#]QS/J,0MI/*EV#Y!X5FW7V2"Y1JWF,W/:>SE\[VD\SE>?&0V2B>6$ M!X[A672L/G;96!9C/]L:O)2WPZ 'F.%G MTJQA3U,HPRZE:!HFX[KA,<,TQ%,Y/M ,S^,,)*H6FM-<5K8NL^T^ &K(':_Y M6DQDD\NO) W2L637"IJ=8$+Q0#D\C[D?BF= LI=D7OD>P 4$. I=,YS28((G M> AGB?A.[[FH+. '@=:B=:?%2[+2(;'}83'"OK]J;4Z$ __#/*.3:9+-.A6 MG7;18Q:&,9G(!C)PC\QS[\->=;8$A 2N[U')81=Z3#EQX88!V&.Z^,PPIG1" M^M'O'Z3A*'GM%3[KV,\)Y-V+_G]' MA\$/@"7S@+W=,.4WLBRXTK]U':!Y\N^]7Y2P+^7M,.J!L&2>L!]5(6JFGI"V MX>L3]"HX \8$$2!7(=B+M_P-PB?PB? WIK1!K#6R'Q;^\@"_CZ"2+HRYAH&,[MH3"V-Q-:6]!T?&F--G!ABPLSZ*]];[5!_9%+9W'5*%'NCE%.H+CKAG?G:>63 M]S6X0!\#:-;D<,(&WI,CO"*81D/B[G;CHD:Y:P1L+B](EV$QUE*HW"LU&.7 MQ$$TM:0'V).CL&^KMNS.SWK&0Z,"B6X//1^@Q$OMKT0NNT]I,NYV?581SB9$ M#X G\X#?%UU $Y4+[QZ,N/0^Q="4IXY,GR&0*IS8-I"!].0YI->>TN$5[-F\ M1A3O-1RJ7M]>&'81$\E+!]C3>=@[$.I6WG/E]X/#M9\>R"?G6\M-P[(;;' M\W\Q=2]#*>&]OC&RZ0^,[:8RLNLL-9R#;&L#W:PF$ZF_L M.?3N[PZK_!02P,$% @ =X@E64ORM-"C @ 8P< !@ !X;"]W;W)K M$ \N,FUL>;8P7;:P:_GG*11QU+:!_K0V,Y]G[_O?#E/=TH_FAS1PE,AI)EY MN;7EM>^;-,>"F8$]4=*;M=(%LS35&]^4&EE6@PKAAT$0^P7CTDNF]=I")U-5 M6<$E+C28JBB8_G6+0NUFWM#;+]SS36[=@I],2[;!)=J'MZ4#'H[W[>U=_*R8@;G2GSCF-GN&1 .:\J38#"$:7$;A MN <^/P$O]0#"21_<)_==="LN!6'--SK"M[1DF0K3@EK#'9=DG#,!"V5X76G? M;U;&:.[JW'WU6&^YQ/[?[!J]-R5*<>?21&=1;])(WKX9Q*/'\B>Y:&49>& MT;_8J1**@MQ2Q:6/EU R#5LF*H0++N%A"9D2@FD#)>KFX-_V9:/98E)OX1K(M-HGP*HBF_O;0YJFH9_K'G?[QV? J!5397FO^F4G;ZFTKM5=R01@=:AL'^]Y?L MLT*?:8\Z[='YVKDQU6G=T4LQGRV]+[)?NG_0 MWU\X7I#9<&!*X)&PPF1**;EMY,K"KKKA2EGIL/.QX^8S+$(2)R2A I#L_ON"APD> (&S%C#]8/':7[V'!?0OB_('Q M;V)+J02/69J+B]E6RMW9?"Y66YH1<[IPDVRVLK@P7YSO MR(;>4GFWN^;J;-Y$B9.,YB)A.>!T?3&[A&=+'!0.I<4_"7T0K6-04+EG[%MQ M\C&^F#D% (IK2E2Q"$/5SH$N:ID4DA>/?.NBL>6;AV#Y^BOY;25Z1N2>"+EGZ M-8GE]F(6SD!,UV2?RAOV\ >M"7E%O!5+1?D?/%2V 9Z!U5Y(EM7."D&6Y-4O M>:P'HN6@XI@=4.V ^@[NB .N'7!)M$)6TOI)%F<<_8 >&&MHA4'Y=B4WHI- MDA=IO)54D#P6YW.IT!0QYZOR5?5D]'(DS'XQ'*Y%>!7A2#N M^L\5BX8*>J)RA:P!+_>;4^#@]P YR#7@6=K=_]RGIP!%I3NVP,'-R.(R'AZ) M=T,/--_3,J/(5)ZNV;-X<_$CJSHQ4R]FH+R YTM?OX)^LXO)EH3!>N0=!N2 MKBWZX@N3)%6O0YO"T I[3N0U5AUL7H/-LR9@ MR80L9B^W),*;,A$3!>N0]1NROC41/;(FKE4 KS7("+D8]E(QM((N=D92$33H M BNZWSD3 NPX6R?2!"T8/!0'*,0]:$,KY 218X86-M!"ZRRI:UN^ ?1Q5U1" M89PHX9039:)@';Y1PS>RIN)&121\M06]:BN].R@AWQ6%WD0Z&J%<9VHEY:A M%4(^#LUI@8X6)L<*]%9)NTK+> ["AN4I16@(FL=+ 1,@B90?C+*^C=N! C+P> M:(,91)Z+1U"WY!2^H""RP:0R0H4##!X,<+\X&LRP!T,X A5IJ,@*5<_\5+V= M1H!H\.03Z+I>OV:8[7 T!E%+*+2*U^*SW%*N^HP5R^A[D%/C+*UC=(;1P_WB M8;!"T M&$&K]@W8!_*LH;/=4]=.TQ@DD>1S)MSLZ_>*56+WP$%_'GA'8]BTJ,' *AU/V(!ZD8#8$F[N,:!5&X_5CJFB M=3EKM816<5I<$9&LP%O5^M_=@IBE*>$M_N^,_*N(87O\G5/'[Z?);#:F(UKO MH%WP/B3IOEC2'(AEFL]D(9J2U#SG6F?6U7'W2^(0<5(W>T JIN3-!5AD] M=GI-%:U+7,LGLLNGGEX58V-RT% 0H>]!UU%_O0293-T(!4';M(M5ZR>RZV=[M8MG0#L5Q%*W!]!FT6DJ174I5\8_W*PD$2+AB1SCL-P8FJR 8^1:!=5^ 7]\7X$G[@JFB=0GKO@"_NB^H([1[L*C_W=)@ M]U^-N:M_<",\DVY32K

BNUS6>VG-5>;K=C+<@.R=_T*GBVK#54=IMK?_42X MZAX$2.E:A71. S5!>+5E6IU(MBMW'>^9E"PK#[>4Q)07!NK^FC'Y=%(\H-FX M7OP/4$L#!!0 ('>()5D SG6PW (!L(8 >&PO=V]R:W-H965T M&ULK59=;]HP%/TK5E9-K;223T)A(1+03>NT;E5IMX=I#R8QD M253'9K8#[; _?M1,RH(&GOA#;N>=PSKWF7J(-%T\R)T2AYY(R.;9RI58CVY9)
M3DHL>WQ%&+Q9*"67%DSNY$'/%*T8*1.X%D M5998O$P)Y9NQY5K;@ _LBRY4^L.-HA3,R)^IQ=2=@9[F%R8]#@IF"ZBG,EX&T!.!7/.$NA)B1%L)*<%BE6L)DK>$"QE$1\":]* MN"*YKMV:H&]<2G2)'N?7Z/SL IVA@J&'G%<2LU1&M@)5FMM.&@736H%W6!(&/ M;CE3N42?0$FZC[?!36O)VUJ:>B<))U760X[_7F.%W3HF9V&?ZUH#WE# _=/ MR/';#/D&S8_"UZ;R=29O6),+@GY/%E()N-!_NK)7LP?=[/I'/I(KG)"Q!<22 MB#6QXO?OW-#YV&7]CB%T.@:M1@C"DA<$%Y%)BDV/W]4?'NBT=_IL241FQH\$)153 M=7]J3L)-S&- >!\"L.O'E3_:>]Q>8M%5C")*%D"I=,;0.I$/8KJC>(KT\T7
M7,%L,,L+SE7VXW^@O;_0/P/4$L#!!0 ('>()5GX.M-&>08 M +0K 8 >&PO=V]R:W-H965T&ULO5IMCYM&$/XK*S=J MJ'C5G;*, ZL#Y?_GT7[(!9UGM03?OE#/;,_
M,\L\,POS'+,CR[\4.THY>DZ3K+@;[3C?OYE,BO6.IJ2X97N:B5\V+$\)%Z?Y M=E+L\CG,W@29S1AQP5AS0E^;>W-&''NQ$> M?? B,=[N>/G%9#[;DRU=4?YQ_Y"+LTF-
$L4IS8J892BGF[O1/7X3FD[I4%G\ M&=-C<7&,RDOYS-B7\N1==#'B9,7%AR@@7B"V0:L=R>F.)1'-BY]0\/40 M\V]HC#ZNENCUJQOT"L49^K!CAX)D43&;<+&N$GVR/J_A[6D-YI4U?&"<) JW MA=
[M?1[%F>B&T_)4<9=Z@/LHBLOR)@EZ('$T%E>Q(/M8O9G@!:SU^I >DBIY M[_F.YB*?]>CU7=F$3Q2]R]8LI>CU[ZPH;A3P87XJ=)W$ZYBW02:"]Y!\LR;?
MK%#M*ZAOZ3;.LCC;BN9,2+86ZQ,Y**ITWB#"T?T^OT6F_S,R#=-2$:O%+W?% M-\6>K.G=2*2BH/D3',T+[)NV9YK.>V4+[IFGD1*U\)V;,^7@(*NV1C[MN&T4JHP,U_?=+>CJZ*?>N%6?
K+_+^]M6XH^+"[V3&\]VIQ(4VW% N^D0,("..&0& M+K#1S-F&EHU/),^)V-C6+.,Y M$9WR1+,#50[+1B2ZUYA)3K<]:PKA=\(#E@[T?:5V+PJ:;8R:7:W M6EW;,IQ.M2[ZFR[URQY:R?Y_\#44T?<7
E=,?[\HE&L26"#0@:"$46IOD9L;'^B$? M2%O#W0'< /([']E@PSNPNZV[9430@9 M-0!%"Z'0VO^K;10$4Z\@_'NES>R.]V-L>-(_W1;Z^$,;KU_0 #1H"(76IJA1 M%4R]JC!$P* Y:)
MY2=X?;C!C/2)&8#&#*'0VH0TRH&I5PZ&:&^FXDT W_)E.50?<3 GD&B!V147 ML"W-)#5U5[F2.%\N!8V#!E@EY6'A0FKC^U.LJ#PDX\S3ER M32NL1.5/I[+R,+EX?[%\G_4/DF]C,2N
=D'3KI]IB;:TRJ)+TG:\7[^CI%BV2#'IX"^QI!Q/ MS[T^//%J)^1WE7&NT>,J*-7U(--Z?3D;J23C*Z8NQJ]7\)^%D"NFX58N1VHM M.4NK1:MB1((@'JU87@YF5]6S>SF[$AM=Y"6_ETAM5BLF][>\$+OK
1X\/?B< M+S-M'HQF5VNVY]&=9N'Q]9/V]Y7Q M8,R<*7XPG$F]YJK/KP62 4KY@FT)_%KL >&-0!3 1A:K^HETC&PQ0LE%:K)K% M@&"5E_4O>VP<<;0]+@7D&8!Z2X(>Q;09@&M#*V156:]8YK-
KJ38(6FD09NY MQ'Q3K09K\M*$\4%+^&\.Z_3L3I0I!(6G"*Z4*/*4:;/AYT/ #T=(*B06Z8RI# M[R'B"@W1UX=WZ/6K-^@5RDOT)1,;Q?H L50CE$HUX95RM-J]G.AM,H
M#*Y&VV/T#BF,X^GX('·'*SK@BKR1N4G_@<*]LUL+:$:)*).\X*AL)NGYCHQ M(=R8XH!4?W'\HG/&[TS*3OP4'_P4>^/WCH/2)&=UORU3Q%9"ZOS?ZH'+\EI=
M=!2ND%#:B:DM1*91%(H^(!T[$7ZD#')AZ:=IR@1*^ XU0MR;+T?Q[&5>;;4 M>!I/W"@G!Y03+IO3$I60EI!WŸ,,\F[+RPUW89Q8;Z<$3SH0;:&OQFZ$TP/" MJ1^AS#4?IF)7*O1:
M>"1]4;!+L%Q!\3#I5ATD#,@2BXYE 58(&6]!=PH_Y,%7PN;:?. M..)W[WI39*(C>ET4,H\W[)YXZF?-]KW%8W-:-)Y,NP@= MS!=.: _EOJPG_L H-P [_%'0WM\W,LG,YL:,MQ!/B)W>5[7"?VSRM9D-
G#YPL&0TB;M;7*<8 MQ:0G=BU)$C])?F1Z(ZL(&=@J@]WX4'/Y%,1JHG'"MFD1QR2(<1>W@SZGA/3E M7,N?Q,^?))[^"=@.3L68CG&W5ER"<1"1GMTP:7F5/#_!>DK>53M.0VP.#:'U
M=UNK0VP8Q[BG<9&6:XE_WNV6_"(O&0R\+RCYLXZRY])VZH66R(F?R. 9OOF@ M52+-DZP4A5CN@1430YLPU!3FJ,9]=PAM\A[:XSN7%W]GWYF'+\<3\?=2))RG M3?
SX:EV(/>=02C#V0A:"!>9C*%H7K >]3=HTPE;;&W8QJ Z,6Z//#5P1;/EWPWG;KY/NQU;9<8I,^W"W?D__!]Z[:<4)W M3+9Q$':1VU(1[9FE:$OQU$N>L]\7"[P[#"O1:&-
JK61C!SH2CI)F+H0",7S<"/_W5_4S:3GW0$C[U#]C"FQXF^+123L)O#HZ&!KQ>6R.N]3 M]$);'PP=GA[.%&^JD[3.\UM\>5>?#+9JZH/*CTQ">2I4\ 6H#"[& $S69W_U
MC1;KZOAL+K06J^HRXRSET@C _Q="Z*<;\X+#">SL/U!+ P04 " !WB"59 M]US,N:,& #R#P & 'AL+W=O;$ 3\.OW. 9,&KII MA1 OR7CFW,]W+CY96??5%T1!W)7:^-
-.$4+UNM_W64&E#U;D<&7A76E##BZ M9=]7CF0>F4K='PT&+ _JE5*9S=A+?7;NS$UL'K0Q=.^'KLI1N?4[:KDX[PT[[MXD8MB\ O^FBE=]Z M%NS)W-JO?+C*3SL#-
H@T98$E2/S=TI2T9D$PXULCL[-1R8S;SZWT-]%W^#*7 MGJ96_ZWR4)QV7G5$3@M9ZW!C5^^H\>>(Y656^_@K5@WMH".RV@=;-LRPH%0F M_>U!X+V0)A?GTBO/;Z\=>3)!,M5)/T
M, _>S1L5Y4C%Z1,6A M^&!-*+RX-#GE/ +W$$-[GH28&3>MD3@\.N& U&XR?D'6YBZ8FJ-MUKE,J$&<=AVG\Q1AEI,B6UF.$E :+!BW\F#">^TKF=%IIV)=[I8Z9\^?#5\,CI]P;[QQ; R4]-
^3XM^L0DP= MY59\HJPP5MOE6KQUM][$.ZMS99;BCY"+E?2"NP[E0K(H07=45@"S):5-&M1 M U!.A(*$EJNH@Y^GJ9V//E6F/72&UNWSA40D^*2 &U_/O_QTXTR6[WNS7K[/7%#"W)D,KP*-M(]?
_9J-!H< M3U.TXFEXS#KPT9,PEMD=LS'3P0E.O709BX29*0M&A@VYXQWD1W-&+#0YE8* M"GU%F5HHRGOB$^>IR:**R57&V%L9K&,#*V=O553K*:L==46![GH 3'[QG!/
MOU5A+:"U9D#!Z4(&]&-.)@\9)8L <657.++AF?5!T&*A,H4HK7>P@6,S?'GL M'Y.-A D+>)?J.V0"E/&4O4D.VP.AB7#Q>LK,&LU16E<:;R-Z%2YFNHS^,N-!4.YG46DG$\F').!:=G1@[-
M":.Z_@5WD^8@JO !+_:CI@NU5(%;F%H: %T[^1X>+9W,;O>%Z'% 5+\I'ZQ MD*72";SL).$_T-)%)&3*936;M'!VPJYYI!/+F<-H8E(QG^ ME7[4>=:A64H-
&;"D(H>$[5W!\ONL,2@5DEXYA4@J+N9%*_[J6B _O%P8#)/= M/8H5RZQI-IR4VDAD,74@M![CT],]\A>;R>#O)P/GITIRB9M"E.ER$!*&?2C$ MD@PY-(@U?Z'8X9BD-H&5PGJ(K'1J#[OJ?
R;>3B;PO,$< LKUS"&"XP*A43:/ M]=AV2U>S- ZVHV6M$TK];LH2M!%%"V:F@&K++NZR09AGS4"H?-[()IY=3M%Z MIH@^VA94IBVQ'9P+:P-W&;1%GVGK:^Y[ADG8V08O,20[
X>@50C>SI@U3HM" M D]S(K.5$B[/4H60!@?\;P[SM6ALCJ!"1_K%A,; Z4B0FJ@O;*VA *'%8LSV M0LJ7VJ3-,QH<=]!X@;!])JDB[N,.*W9J78[7KND38SA:KBARKK O8#75C2;
M@ >Q8S'+MD+B;4Q, "\M1B_3,I6*[=>BTI8_3SJ9?\'JAW]O-{^4>L0(X'+ M8HLN1C7.BA^Y8UOG$HK5# 1ST(E[%>X0T;&%5*XML,V.MCO[B7-
YXJ&*=Y'&20$7C6TNLQJ:4:P8>W6&ZAF8Z,1'D8ON(MN=[=0[?!P#-8'(T.N':.#@]61%\;(QDG[(-H)O)4*,.UX+KF=!\"T*=U_4CL/0#]T7ZCO-&Z]3F9O5 .:K[5TB$7'(&' AHDPT!< M# "
<1M6XF[8M8A!O^(E70I#^B>T@;80M<;M=A4*Y_]. H;FK&7'#Y$=OUV+> MW[J"\2"/MTV>0T!-NI)MWFXNM)-TC[LG3[?A#Y+W "\T+< ZZ+T\Z@B7;ICI
M$&P5W5S&W!'C(\%>@\Y)L!W[KWM@15LKOEG_P%02P,$% @ =X@E65O? M4JBW!@ AA !@ !X;"]W;W)K.\JRTR;M MV@)!(HEW#^_EN3LR)VL?WL>:**GKQKIX,JI3:I],)K&HJ=%QW[?
DL++TH=$) MKZ&:Q#:0+D6IL9/9=/IPTFCC1FQ1FO<),[X;B97/==)G)\&O56!IH/&#N":K:,,XX3LI5 M"E@UT$MG5Z9R9FD*[9*:%X7O7#*N4A?>FL)0/)DD;,*BDZ('/,^ LWL #]5K
M[U(=U0M74GE;?P+C!@MG&PO/9Y\%G'?5OIH>CM5L.COZ#-[AX/&AX!W>A_>I ME^JO^2*F (;\?9?#&>_H;CRNFB>QU06=CE 6D<**1FM=C=J0=;0"A]3K9/RJ:; CPZ_"/4T*+<;91U1$;$(
M9D$E:_OUF&4#]5JO"%_(*>=5W+&A %[%6WA!-8D:@)A86!\!$IDMR?'Z]&MJO

@\Y!4N/ M2*.*&V'6L @\[(#-,<<6"=)K]:%B[IS;718"6.5IHV8!".T?"PCE,0[EC^) M0]TV'BJ)"?.1J.2DU$_"K;NE2[,P M$5]&+;N4J[HV.ET3A2-?UF M1 [F7'&NPV$W+#',$.=+!,(B%(X1:KL/LNR#A%T,!:=N&XLN?FV0O>'/43*B MI4*2Q(3!H>CI0$(K;..AZ66 N [2(BE:!B>C/[Q HXB7[=WVWUYV/?Q(US'N MU\7R YT.AW@>G(S.#NG@^/BD=WX(&S?_;?]#,_DPQF]?[^Z9DM?G*=-.Z3% MV3)"O"K7TQXK+[./A:,$_C:N^N!?D#+]?9M^/VM ML[ADMX@W#@^O317:8WDCW5QJ+MNS_!_U]D;T2;F%QL08S@$=],Y.$G+M+:-= M!%O'DWUN ^X)\;7 Q8R=*.![;FU8+\3!YJHW^QM02P,$% @ =X@E6&ULO5;;;N,V M$/V5@5H4,:!8LGR+7=M DDW1%MV%$3?-0]$'6AI;1"12):DX^?L.2=G6)HZQ M[4-?)/YFSIRYD9SMI'K2..:*!E[(0>A[DQE33*-)ICB7375FAH)V-5"4S-%7; M2%<*6>:4RB)*XG@4E8R+8#%S:TNUF,G:%%$@4H&NRY*IUQLLY&X>](+]PCW? MYL8N1(M9Q;:X0O-0+17-H@-*QDL4FDL!"C?SX+HWO1E8>2?P!\>=;HW!>K*6M\LE.?LGF06P)88&IL0B,?L]XBT5A@8C&WPUF<#!I%=OC/?I/SG?R92XL$E9&46[G/3,X@OE M_3>I-2Q1P2IG"F>1(5R[&Z4-QHW'2#[Z,-G*4RNX4YDF'VM'Q&? ZED3^HF M.0MX76^[$/=#2).D< :O?W"R[_#Z'^#=,26XV+:&'[/$6YE M63'Q2AU6264TK*7);:'S% 1I<)'*$N&B(,T.5*2JK6H(NYRG.7#MFB(#ZC!# M:#O7!IA=LF=4U-4@ZG)-2G(#4F5<4.-[UT1&C#!"UN(:N5_5D$,L%E%@+4 M0,:+FL#^1R+6:B4"L-94;QZ!G1N?!/I+M@86X)'?D 'IQ,QN4*$TG<*VDX! MJG/J<&@*W=G^M2:CR:1K5VB=3%;H#]BE3QEFDX<@XH. E*GV486=*QJN.#6 M:UEKPM AX$N*E6F18*6LA=&=*:7^AXM) M.!S$'3OJ]<+19-R!3R@D\?*BCV^CWX3OLJFL=G)[HV'8&\30&TS"9#QV9CY(M]A1NWJD3A;@;CSK-X*H#RWW^6MG#E]0.E.%$@Z*+.\+CWMAPV2I8N8[?N^"7; MCTPI)DSN)2Y]G;$=4YD&9HSBZ]JP=4$YEDZ1:;KC2 1?4*5>41M;/[1YOWKP:W>KY7+/H];[ZC)TW>K:,C0R?8(2*=54; ^4/?6Q0'@LMY/,E3[R$-/O 9,!]!U$&*O++79[$\40O'NN+;ZP*5X";#=6K[48*&+_AX0RM8]@C39I2/!OQ0.JX=WUK5_7AS%_2/M,U-;3K$M<$.J<7<\#$#YAX^? M&%FYQP;=(D39#7-Z*Z*R K2_D93Y9F(-'%Z?BW\ 4$L#!!0 ('>()5G* MN?0!2 ( )D% 9 >&PO=V]R:W-H965TS#6%I1?(P[27X MVO><>X[C>Z.&BT=9 "CT5%(F82=0JIJ[KDP+*+$<\0J8/MES46*E0Y&[LA+M,PL]J>M[WM0M,6%.$MF]C4@B7BM*&&P$DG598O&\!,J;V!D[QXU[DA?*;+A) M5.$JHW0D=NS9*0$)@EG2, ^=A;C^2HT^3;A)X%&GJR1<;+C _-$$7[/8 M\8P@H) JPX#UYP KH-00:1F_.TZG+VFI^LC^ZWUKKWLL(05I[](IHK8^>B@ M#/:XINJ>-U^@\S,Q?"FGTOZBILV=3!R4UE+QL@-K!25A[1<_=?=P AB? _@= MP'\-",\ @@X06*.M,FMKC15.(L$;)$RV9C,+>S<6K=T09O[%K1+ZE&B<2C;X M&1TDVH"P+X*E@-9$II3+6@"Z1@_;-7IW]1Y=(<+0CX+7$K-,1J[2M0V#FW9U MEFT=_TR= -UQI@J)/K,,LI=X5VONA?M'X4O_(N&BSD?("SX@W_/# 3VKR_!O M-1TA?V;AP04Y07^/@>4+_N4>AZZKI0N'Z4SOSF6%4X@=W9P2Q &RF M3VMUN2>OO 21V^:7*.4U4^V[Z7?[^,*P;?5J?ZGG3CLF_M*T0^L.BYPPB2CL M-:4WNM%=*]I!T:*5[:7=ESISK3+0L].$"9!G^\Y5\? %.BG()5E4WY%9;@< *\I 9 >&PO=V]R:W-H965T6*5>.@>U-8OTY#Q^2ASP_V;I<C"YY MH5*6TWN!9)%E1#Q?TY0OKSI^9WWB*YLE2I_HC2[G9$8?J/KO_%[4:]2B5E& M<\EXC@2=7G7&_OOK<*@#$!T_,[J4&Y^1[LJ$\S_UP9?XJN-I1S2ED=(2!XM MZ U-4ZT$/OY:B7;J-G7@YN>U^B?3>>C,A$AZP]/_L5@E5YWS#HKIE!2I^LJ7MG^FJ0WVM%_%4FK]HN;K7ZZ"HD(IGJV!PD+&_$^>5@.Q3P!>!6#CNVS(N/Q M%!E="KY$0M\-:OJ#Z;J)!G,LU[/RH 1<91"G1E]@?&,JT*,@,-G8-& MO*"+L(=#!],BJ'3(!E6O R,;[)"MZVT739[1ESQF"Q87)*WK?"D:UHOJ]?-> MSDE$KSJP0"05"]H9_>+C[?^!][[<5I9#E_KH)YZ_^UJD%/G>]/_.W[2.QC&? MJ]?C75IVBTY)*JG#7+\RUW?J[#+V2 7D+-GAS:W9Y&U0>1NT'CBW/[=ND[]A MY6_HU+DGN2(2/12*B/@/@GZ[I=F$BM_K'#F56B;@>>7S_!AKYOP(EB\JRQ?.MH;V%F16,I&:>)>+3NFVNSK1;]BY'/Q0Y17A0[DM=]&H.NXB@S,RB;I,74#@X M7- ',1-0C[B H2/EJH5[-]-S[? ^)7D7L5Q1O94BQ9$DBLGI,U()160Z9;HF M0473-0BJ)$41AXG0I<[T=$/S)#K59W3H:]YB@^_FA@\D9S1%GU*:Z?W%A0UNI99% MV+?@X!^%'/QCH(-OV<$_$CPTZ!IZ@%+IK^'AY41VS59XDS Z19^@BN21]G ' M]3ZBXM\##?[%>7?8][Z)&M:I7<-#Q2Z;8I%X&U@P];I C>]PW;XOQD=L$4' MW X=&L)>9JK+B24'W)(<&N)V+!"7)PL,^,V!H4&Q 1BP!09\(# TQ&_N/"Y# MEA?PP;S0H+"]!EW&+#'@MR&&!IE@T&\B!FR);\),>!M8H#M%';3>F3 %AFP M&QE^(0H]%K"CG/S)Z?H1Y(YL<&MUK(8XL-^"C8@(^!#=AB SX2-C3HKK$! MK[%A>S(WT>%N3G7.P^75SFC*Y=M\+8%..KIZZ8^=TW\$;I35W,=>U_.^C3GTM&G! _28$W<.,.QJB&%H9[- SMW21FNJY__G**;CCZ4<6'-@UMX^%>;?^:Z'EK M:KIZ=O//RU9JFS8G3]CB% WV:MM,ZH*FSY#"?&*BQW/! "1@^N*R>+0?B!+X M[O<#OAT3V ;W[K\9]^Y;X%Z5I+KK"03+.2\@T@PQ6G"SQ/4UEB^H5*;\Q?=S5=8@)19>P7!D+M,&; M(VV#8@/2!AL_Q1V(M WQFU719<@B;7 PTC8HO-YE7+8LT 9O [0-,D$?-P%M M8($V< -M#5#6T$X7W:TKPT.Y%ZVI$_U=@S%.)G4;:DEW@27H8'B4'XZ/0=*! M)>G R;S[/G>L5%X\=V"H[SN>.P++Q(&;7=NFR>?=^X'1 !CF]MOT5W]:JT#M& M!H7.4M;6M:UIH;LV[9E!*Y7-#!HZ,BBT]2MT5YM#,V@;?]LGD-MJVZFP]3(\ MRKLKX5%>7MEX>\5=$O=-H' K@> !9W<'V>H9NLO>H0FTSS/, 2GE--JV32J]' \M&AT/*ZE,;W(6OUVYR9EM@E:&KISP355)=W!VB[/>_N]U8=K592!/PPG9[4L MZ(;"Y_K*X6W8>67]_EY M;\2 2%,6V(/$GP5=DM;L"#"^M#Y[W9)LN/F\\OXNQHY89M+3I=6_J3R4Y[W3MGLAI+AL=KNWR%VKC.6)_F=4^_A;+-/?P94]DC0^V:HV!H%(F_95W;1XV#$Y' MWS 8MP;CB#LM%%&^D4%.SIQ="L>SX8T?8JC1&N"4X:+GIQ-@Q8CZV&6>O[(OD>?\W@?A@32B]>&MR MRA_:#X&S SM>@;T8[W0X;8J!&!WTQ7@T/MSA[Z +_B#Z_B6ORT!_S&=^>! MEC^W!9S\'6[WQPWTRM.L236U!O\NRG_>/1ZQUH#SNTA[N\3RZD5U[8MN;ABWR9(IO4VD#_LY@&\HP[>T4Z_GSVQU[<^*#0+^6W(GN9!?"I)0&U=!$D MC^W!#X82H$5FP2CC*>[17:$4/T^G M5U"4+XU""M!-!O+#DT6P>+LE01T$:7(A/22K9@0>Z\L@Y'P.46$L0E;,( ]O MM76, A<7!70%;3%[F02LN9)DQ)^P7\#38**AV)AI. T;Z8 M-8%#$UJA-/@8;%\L'1[WP,_()D9TA;138-];CN,CWX[)(G8H6B<7?0MR!>)]XL.)4)3-G"2',2F6"S$(Y:WAJO^WC M]=IM-W(ED!.FR(K)$58FG;L7$HPN2L#/J7 4Z9MRKC3W-D]<6(UL\BO"1W,L M8B]PUA6G'^@)4Q:4FBQ/E$<4&X1%N.@]SL>*SE_#Y:QDI33%.C/ZGMF3FH(Y MHFSN!SMT];C3U>.=JGA-F49!XR8=B;9-6)_H0ER2"SBQ<9^@1Q):::(J6L>9+ M%!\561G%UER)Z(H JQHGVT[GZHU-92 ^YH%,'E=)7JU+N6[4G[2I?SD>_FB1^'RT217Y?U?@SOIH%U3-P'ZT),Z8WG^/(MWNBD+VXH]GHA7A?U8Z=Q950SS0K2M??\(WRF;8>7(;8 M+$L%5>@VS+P;XRK$CF4;UH+6>K.;^.C-/X:E*,J6X8:I> M3<5?#<21)N,,@ M>C;NKA"R6.LY%H/A/4GGT9F%,H;#D7,X$6^0QIB2_:-^FY;-%5;D8/WFWGR*MJ\/DJ@O:47#6URTR6=>Z93G-W_H)4V^-CMEEL%[1ZV<8[9M?':M<\#!K6RC,UH.Y>0$,F2DC[#H&A F'B4 M^:\DVB:XPXT;#&UU?55M3]LP$/XKITRP#:$F34MAT%9JNTUC&A(JL'V8]L%-KHV%8V>V0V&_ M?F?GA8!*OR0^^^ZYYWPO'F^5OC<9HH7'7$@S"3)KB_,P-$F&.3,]5:"DD[72 M.;,DZDUH"HTL]4:Y".,H&H4YXS*8COW>M9Z.56D%EWBMP91YSO33'(7:3H)^MT&PL^2:S;B.HS1<2="XG@2S_OE\Z/2]PD^.6]-9 M@XMDI=2]$R[321 Y0B@PL0Z!T>\!%RB$ R(:?VO,H'7I#+OK!OVKCYUB63&# M"R5^\=1FD^ L@!37K!1VJ;;?L({GQ.$E2AC_A6VE.QH%D)3&JKPV)@8YE]6? M/=;WT#$XB]XPB&N#V/.N''F6GYEET[%66]!.F]# <5O W@2DF;&?@B4TQ?VH=$ MJF46-\SF\5[6;GI030XACB*AWOP!FVD X\W> -OR0^S)%&EM:6F"! <+GS$2[Q 66)NP+:[_(V M0U@K0:W*Y0:L+X:Z8?D_!$O'K/&I7_K4E4]@=,E0H'9E16WMV%MEF7C3L#JM MS8]I80KTO2]>CHF,JEX7*B^8?#I\=0;W3R\,Y,I8,)U;29I;Z<&E]"8U^Y4; M/,?/Y\TNKZER%-'UJDF2OH2<$$3;>X+8YLI* 0E%XI2)QFU/BB=.@3B1%JH M@4I(M8$W(&3);=9E?;XS453@Q GJ"H=9H;F ^+06FRS##$XC.("3 7W:S3D< M0>QV;C..^*+UFN2_QO]>BB>(/WEIT(4_&1'.L-^%7Q!)^_C:83~FG2/X@<;= M&I/0CP[VI](5D5,U;?'0, (L& 9 >&PO=V]R:W-H965T-/OUI63T=I@'U)=*)$ZX(>K63ZDG7B :^MXW0:Z\VIKL, IW7V#)] M(3L4=%-*U3)#6U4%NE/("N?4-D$Q-PP7>*=!]VS*U MO\9&[M9>Y!T.[GE5&WL0;%8=]_ !S9?N3M$NF% *WJ+07 I06*Z[J^CR.K7V MSN OCCM]M :K9"OED]U\+-9>: EA@[FQ"(S^GO$&F\8"$8UO(Z8WA;2.Q^L# M^CNGG;1LF<8;V7SEA:G7WL*# DO6-^9>[C[@J">S>+ELM/N%W6";)1[DO3:R M'9V)0% M?90'H^B6DY_9W.,SBA[A'G-9">XR]?J1;1O4;U:!H0C6+LA'M.L!+?X-6@*? MI3"UAC]$@<6O_@$QF^C%!WK7\5G J[ZZ@##Q(0[C] Q>,LE-'%[R/^0R4< M MEJ@4%G P^/MJJXVBFOGG5!:&(.GI(+:/+G'7H4!MN&#N260) MNN8=-;]QS]/(?+K(J<+LPU@*=,_-WH<<=0=:$N*?8);TDE$JV8(CNT$*H7KU8 MQ-'\K;9<1,X[(B#+DN=$^S479"I[39'TFTMXK!7B+X4,5(:$ V,=PI]]LX=X MZ78)?)#$Y)/]>6D/XWE,B\A?+D/X0B5&[@^&,J$A"OU%&,+,3Z.,'H:2;K7= MU*0:EOX\74 T\\-%!(^,[YB >;: S$_2&54E12?M7Z5J"K*-DAG=Q+.$(F7D M&J6T2#(_7&9PJL2"HP%!R:C<&-24REZ8859,I].DO1H&S$_S84Q3055<:&BP M)-? P8IYY8(;1-VR_[-RXV4I#F7?+FKX6J*P!W9=2FL/&!UB^/YL?4$L#!!0 M ('>()5G!,Y$) , .D' 9 >&PO=V]R:W-H965T;[[7YM%6B Z^UE+9150YUUPFB2T]K+F] MTJTFRT];DCT6P3VQCD97"J9<+2=)+47*AH.0][MV8YUZV30N&M =O6-3?? MKE#J_2(:18>-.[&MG-](EO.&;_$>W9_-K2$I&5!*4:.R0BLPN%E$]J'E5>[M M@\%G@7M[M :?R5KK1R_\7BZBU!-"B87S")Q^.[Q&*3T0T?C28T9#2.]XO#Z@ M?PRY4RYK;O%:R[]$Z:I%-(N@Q UOI;O3^T_8YS/V>(66-GQAW]GFTPB*UCI= M]\[$H!:J^ .O?1V.'&;I"PZL=V"!=Q!-Y(3RMAW+0#&D%^;GE1RX,?.:R1;A!;EN#5'%GX)HRC>-BEZQ*L.D;V MF,&-5JZR\)LJL7SJGQ"[@2([4+QB9P%7[?8"TBP&EK+\#%XVI)P%O.S'*7\0MMI#:9VWA[]7:.D.WY)]3.7>0^6E(WSF7MN$%+B)J#8MFA]'R]:O1)'U_AG ^ M$,[/H2_Q]1/+5B+H#;QP7C'<8=$:(]3V%/NS^*?9/U0(&RVI:0D37+@-$-3* M@?-*SV07F!"OL",45X7@$H2B4K;=3:H[FB7X']0^[FGZ7A(6N/7>=,1TU:$ _M8^"JA%5CA 0V[;?>"$4Q=&M)9]]>//?X WK7GF-QHF-*+C#P+S$ M1EOA!L,QB\=I_ER\K[1QOSHT-55FA];5'8T?H;%W>3P=3;Z3N[2*9VF%NMF3 MH8ZSR_)IS%CZ)+OL'8M9/GM>]?^EK.-I/)J.7RAKK_S9 F5Y%J>3T7?RSO1H MX'D >7+\:1$; $VCDY>GYK--LP9"P4NE6N>XF'W6&.K;KG^S_S;@C><+.E MY@&)&W)-+Z;C"$PW6#K!Z28\YFOM:#2$946S&(TW(/U&:W<0?(!ANB__!5!+ M P04 " !WB"597+4L@VD$!7#0 &0 'AL+W=O=;0JQBA;$(%!Z(/))5E04' M&E]Z3&]P:0T/QWOT=RYVB&5%-;N4U2=>FNW"RSQ4LC5M*W,O=^]9'T]L\0I9 M:?>+=OU:WT-%JXVL>V-@4'/1>E3GX>W&)#>@#C>G2/\B=]Z'*NY XINQK0 M[,"%ZJR!'!=6E >CX%\.=F;YT#9-Q2#+AE;H'1=4%!QU&UZ+3VR;N^&>ZJI@^ MF<\,.+1FLZ('O^C R5? 0_1!"K/5Z$J4K'QM/P.B UNR9WM!)@'/\\T\D., MB$^B";QPB#YT>.%7\#Z]#17\#Q%%M4^C+!VCALJV8I7XM'H&M5,]C)"=AQDGN\3C3J(#$<6U8:1V9+4-K64&W<[%! MQUS C&PUI%.?G"%0$(H:]1*B\T;Q"I&T?[VG.RANPQ2D6*,C% 0X"U,8Y#@* M8O0)&AP!8*-DP;2&V3@4(JCU+?2<&B#$FVD+#4*?!S$.:SP'0'[,.!Q;(%(MC', 11)/C8?DQF].[IV"75*99UEK"(5IRM>_F.8H*@H>,#,"MBMMUE;FPZOLD7V*LP0!U!94&6.#U0.@>HZLG4;^LL&4LNF@;/IF95T!#PQO7FB, M23P)^[_$_X'$V2!QJC)O*D\CC*GRP6:)L\P>MO)&3;II['L8HP'YH=%"0_&LP=0_3>%@5MTUOGLQLG%7YY4T()5GUYQCN$0, '$& 9 >&PO M=V]R:W-H965TTV[8$*I M>(?2<"5!8[WTKJ.KF]3Y#PX?.>[,T1I<)ANEOKG-G]72"YT@%%A:A\#H]0/7 M*(0#(AG?]YC>1.D"C]<']-LA=\IEPPRNE?C$*]LNO<*#"FO6" N@=N]QGT_F M\$HES/"$W>B;Q1Z4O;&JVP>3@H[+\+P!*5"PC*/>S-"!O_!C:!.T]J#;R3%5;_C0](XJ0S/NB\B<\"7O?- M)82)#W$8IV?PDBGO9,!+_C=O(WRYWABKZ?)\/56%D20]3>(^ MJ"NS924N/?IB#.H?Z*U>OHAFX9LS*:13"NDY]-4C?:!5+Q!4#7\K^<>:R1*% MZQC<]ILZ:["/QO!&^;NOSDE_RS!:?E/RC(!=6]=<231EL^TVP.M>J8%9IQ MZA]=9M@W$!@%TT&M!$T%NFA<@FU5;Z@5YO45W%+]B>4S,OV)RU8JH9I?\!PYS/UL7M!I$680Y7X:)LY>M0!3[:91#0G"TS&>Y,\\AJ,L&:RQGY'QI*67I9(5=T6BW52Z\BC+"\A2/Z%R MD0RG[D]P- 8ZU,TP[PA]M*.$V&R3O/T>APCS^[C,+YCNN'4 M/(S UA8:7>>:!'@?()5D;E>*::0, /(' 9 >&PO=V]R:W-H965TAU4QK3+,-1YA373 M%[+%AOX44M7,T%"5H6X5LH,+JD681%$6UHPWP6;EYG9JLY*=$;S!G0+=U353 MCU5L9.A)M5RT]\1?.MWD2D:A0/*@=?8:"X;4%BL@VV\O)K9M]6[!'QR/^J0/5LE>RN]V\@P#B)+" 7FQB(P:N[Q&H6P0$3CWQXS&%+:P-/^ M$_J-TTY:]DSCM11_\H.IUL$\@ ,6K!/FJSS^AKT>1S"70KLO'/W:611 WFDC MZSZ8&-2\\2U[Z/?A)&>_20@Z0,2Q]LG0=G5A&8[3JJ+)G*\ ML46Y-8K^H[C'8O'D59']$8+3@>!T#-T3A \=,ZH9'W3CQ"LG"C%+ZTJ BX*4&< MLM'P&N))%&?4+I+8;T/+^(S2*V"U[!JCB5=78;M$:"EGM##=YJ'QH>\8DV)+K>'DGO!2[\A MKTG9+(VI??-JGL3)>QAQQ6QPQ6S4%=NR5$@)$&XZ0Y+ UVK''JTX/8'M[37, M\)DY)XPBGW?"'6T>&U(6/J57VO8IG?@7.ZJM$VBC7U3X?RQRPW5.]OH+F3HI M?W]0"<"6)9G,DTL[R @U(Y]0]Y*Z4>9FY_=!77CV9R,A_0L%08532SB%.ZD M-?$+$?%BDE'=/Z'62SI1M!J)>.8*N+/;0!33 \\YO_ %!+ P04 "!WB"59Y;:B&XH$ M "C"P &0 'AL+W=OK1EO.N.A>W>KQD/9&L$;O%6@V[IFZND2A=R,.G%G]^*. M+Y;&ONB.ARNVP"F:SZM;14_=/4K%:VPTEPTHG\ZD_CB,K?VSN"IXT8?K,%FM,I/RJWVXJ4:=R!)"@:6Q"(Q^UGB%0E@@HO'7%K.S#*VD=#]<[] \N=\IEQC1> M2?&%5V8YZ@PZ4.&RM0H^LK) MSXRG2Z80;IH2&[L]<"M8 ^?W;"90OQMV#86PAMUR"W?IX9(WX%+X*!NSU'#= M5%B]].\2M3V_9,?O,CD).&D7(41I $F49"?PTGV^J<-+3^7[_I+.L8);]D3R M,C!1BC4+=.L_)C-M%&GESV/)>^SL.+:MGPN]8B6..E0@&M4:.^,??XCSZ*<3MS+,]\^P4^GCJRP;DG([+5Z.5]1T*9B@9(^%N^ADF5N7T>@ Z39(T;(\3N :F82X%M09]88$T M?&J--JRI+,KO;3U#94.[8]-PSAN"E:TF _T.OKB:P^K]9(V*6@C\0@=I@ H! MX0/C"AZ8:/&UV1W:=F4C7!$[>]HM$W^/JH;)8J%P80%NZ NGYE-N46SLF@M! MV5/H2T:%4J)+@/A-5HH+2/K;Q.(HB-,"SN(\C&.(PUX"9Q /!F'B*=)6)$4& M9\D@C')X0&W?G/?3Y!WY)&&2PY5%%UAU:7O4'+DS2+Q!\SB P)-!?BXHB[G MCV~:#M6+[>["++:3ROW_I1.3P;Z M[SK5+KYF$96HU$>]O:,UUZ87F&>JY5I45@5AOUB;U@>4VM*5DF8IL\DOEFIO2"/M"^L=1<2,2HB8I7$8[[,7D]O>V:O/:-3$L_W$L^_5>+^&IFY:^1*UC0B:-\W MZT>[QF.R/@E^7-;WI$JO-J=1E[87.O^;2E\?L"@/6:!G0950BM;JV/5-A+9A M;>5.IY2D[\8[-EH*7KDR(>D:=Q&ZO:713S%_PB\\[P7*) MNIQ[2FF3Z!-!*EQC0S*ESC-PAS,H2.<:F2J73B 5&0BYUSW8"'J M42W<>$AREFUC_RU?[N?0"=^\'HV]^/K1Z865(<@<$ZN4=BG+J;\2.@?C%RYM,6PF#0UU;KFD*1J5-:#O()5E@$O; MFP(,\% 9 >&PO=V]R:W-H965T0)A("M!V#2-!V6B=50FVW/4Q[,,F%6'7LS': _ON='B.]\ M]]T=Y[O)1NDG4R!:V)9"FFE06%N-P]"D!9;,]%2%DFYRI4MF2=2KT%0:6>:= M2A'&470>EHS+()EXW4(G$U5;P24N-)BZ+)E^GJ-0FVG0# _:*>[XJK%.$R:1B M*WQ ^[5::)+"EI+Q$J7A2H+&?!K,^N/YT-E[@V\<-^;@#*Z2I5)/3KC-ID'DM$D*!J74$1I\U7J$0#D1I -HQ@S:D;":;CGYV>16IJI$>&1;--!Y M9$N!ICL)+:&=09CN,/,&$[^"&<"=DK8P<",SS%[ZAY12FU>\SVL>GP3.ZE4/ MHL%[B*-X>((W:.L<>-[@GW7"-3>I4*;6"#]F2V,UO8R?QTINB,/C1#?>F?QY]/)'OL,UW>(J>/-#T9;5 4#DLM%IS-P4&: KAL&7' MTCX-;F'06:+$G-NNI_*&:OU=# < I;D%1H1"B;UJ)K+5!CZ%7"KC/ 9 9?:O$, M\0>O&<"&&6 .(6C@Z4UQ21A5&[(DQC;%RD*%.D5I:>I-=PR//LKA_H[RLL(M9W!5,+E"^*]:WL)Y'--O9S2XZ$*GWQ_U+KO$N,ES]"O!V8%F%J%SX2Z&<':LM@>'!D)6H5WZ5&$A5+6TS;ZVVW5:S9DC_F#>K[H[!%:=N"LS)->I=C +0S?IH M!*LJ/()+96D!^&-!&Q>U,Z#[7"F[%UR =H&ULG5;;;N,V M$/V5@5H4,:!8%][]BUS80)UNTQ5Z,==H\%'V@I;$E+$6J)!4E?]\)A2O:K6.T M?;!%TIPS9V;.:+RLI?JB,T0#SP47>N5EQI2+(-!)A@730UFBH%\.4A7,T%8= M UTJ9*DS*G@0A^$T*%@NO/72G6W5>BDKPW.!6P6Z*@JF7C;(9(WR(N]T\#D_M9L8>!.MER8ZX0_;N56T"SJ4-"]0Z%P*4'A8>;?18C.Q]JV%WW.L=6\--I*] ME%_LYI=TY866$'),C$5@]'C".^3< A&-OUI,KW-I#?OK$_I/+G:*9<\TWDG^ MF*V;8>JED#)C2[<*$Z:R*7"UN4G5'T:TYV9OV1 MZOY>:@U;5+#+F$*X>F![CGJP# PYL->"I 7;-&#Q&V C^""%R32\$RFF7]L' M1*QC%Y_8;>*+@+?5<0CAR(7T-<[:L"TX@CR M /\LDP\;IO,FCA/N>5^3;A30"775A8;F%+@M4N'3G8##DCT*$HJDGVGH" M58,$*6TYG.=?*_X"\7QH3^BF18(6LA-&#!3PX&GU9?4NCI>!V(_A8%:B8D6H!77#?P]7<MGXS#@5U%D3^=SP9PCT(2K^;JHVM>3*_9$UD?L:&AX=IV?)ODM5R1-.)'XU# MB,9S/Y[-G)M<)+*@SK'N!J]Q+'HU.ID3A7 83@?MXF9P02F33BF3?ZV4K30H M3,XX9<7I@HH!.TPJE9N<0OI4&6V($+7!.,U<='1>\ \9MH4E3"A[_M.3?_WJ M7[[Z_UH& \@H^[!'%%80O+*U/BA9.#E2?LO*,/LFUS;,4SKK-RK7=_ .)-WH MZ;\+T#7GM1T4J2--\XLU\Z=F*M403?PXGMG'=!+#G7O#DUX>F5),&!C[X4W8 M?D=S?Q3.[&,VBN&<3H+>BŸ]0CFZ\:?)+W=/,@.ZTFZ"WS>!XO=Z,WV!A9NOAC&REX8HNV5&_P)V0\0OT^T%2Y=N===#]KUC_#5!+ M P04 " !WB"59J'(+)J4# #T%@ &0 'AL+W=OTD/>D^?&W#0D"$-MOI/FRP\?S&\X?!'D^/7#S*'8 B7[,TES-GIU1Q MZ[HRWD'&Y!4O(-=W-EQD3.FFV+JR$,#6UBA+7=_SQF[&DMR93VW?O9A/^5ZE M20[W@LA]ECQWP)2?IPYU'GJ6"7;G3(=[GQ:L"V\ _6^N!>ZY=:4=9)!+A.> M$P&;F7-';R,Z,09VQ(<$CO+DFIA0'CA _-(W7ZYGCF1E!"K$R"*9 #K"$-#4D M/8\0%=2I?1K#T^LG^M\V>!W, Y.PY.G'9*UV,^?:(6O8L'VJ5OSX#U0!C0PO WPTY[#L:.23>2)6SREC/($OR\I=]K80X,:#G#/S*P.\:A&<,@LH@Z!J,MSQB$E4%HE2E#L3I$3+'Y5/ C$6:TIID+*Z:UUN$GN7GN[Y30=Q-MI^9+GL>0 M*\',4Y#D]P@42U+YDKPB2^L=!&F-(:M$/DY=I7T;@AM7?A:E' ^,GX"\Y;G: M2?)7OH9UCWTT;$_]8"K@ZXC]Y\B7_B#Q+O]]HIXP1_$]_RP9T++8?-_]^D5 M\6^L>= 7SW>\%T*;3_J\MZ()ZN<86%YXCA?'?)\K25800W)@#RF0_YM'>-?W MQ :)YH-S*PL6P\S17Q0)X@#. _,5O=.S]V:<6)BQ"@K64#&LE0TL/?B0C[-M. M/KW18\AK!9G\W"=DB"DD)BQ"@K6$'-5"C@9?R;:0P@A9@#!=>D'ID['$W5B< M6:\.<^]J,G4/I^H,NKQ4G3Z'HZ#VV(IZ7$<]_IE$7/0%/DB\]W!A$5(L):2MDUK)"78B3C"%Q(1%2+"6D->UD->XB3B(NU1&3%ATW9.Q_IF,O:GEN1F49P4' MR/??'RX'*9>J@@F+D& M]:C7["][#RMB$A:HM(B+%I;S9/],,5-UHK76<7& MWND?[:RBO39A9U0T/-G*N%W2OB7YF7OZCF,N?AEPJ1%6+2VA$U10 /TU$2M M"E!I$1:MK693&-#![?(S4A.U,*AH[:2E?C=I?\66GS9[?CJ\Z>])VF6O-)@; M^24J+<*BM25L"@@Z1D]:U H"E19AT=IJ-D4$'=Q:/R-I48N(BM9)VK";M*CE M@7MR'*@3<&N/526Q=6EY/E;WUD>W=_; LM._H+?+\@"VP93GP6^9V":Y)"EL M-%*7Z3IE1'G$6C84+^RAXP-7^BM@+W? UB#, U_P[EZ:A@']4'W .!M02P,$ M% @=X@E6?FG)#2[P AA(!D !X;"]W;W)K&ULM5C1CILX%/T5BZVJ5FH'#(&$V2323&:K=G=\&F4ZVX?5/GC"#4$% M.[5-TOW[VH9 2 B=J.0%L+GGY)[K [EXO&7JU@!2/0]2ZF86"LIU]>V+18KMR(BX8FN@ZLZ2\8Q(->2Q+=8<2&1 66J[CA/8&4FH-1V;N0<^':-N1G;%$B494)$PBC@L)]8- MOI[A4 -,Q#\);,?>=>)2GAG[]@>?HHGEZ(P@A874%$2=-C"#--5,*H]0):E5 M .:8&[E_OV#\8\4K,,Q$P8^F7))*KB36R4 1+DJ=RSK8?H13D:[X%2X4YHFT9 MZUAHD0O)LA*L,L@26IS)[(0>P#%TPYP2X![!B< '@EP#-"B\R,K#LBR73, MV19Q'W8](6IC4$K-0G5R_@HN;J;*)R8 MFFV1+NX-W<@29**MRKJZ?$.O7GU%KU""46?5RP7A$9B;$N5EV:W%V4.MT4. M[HD-(&KB;:6G$N7N1-VZG80W>7R%'.\= M(3?43?BW69 $32SW" M O@&K.GKWW#@_-XFNB>R1@D&5OD&7>S3STR25#WV1G:;T@(>&+A^]6RF?CC$ M:O$V^Q*.HSS?"?TJJI&;7^7F=^;VD=$8_:4.;7EU0L]=@9?9:@@)[/&"895"8: 9J=(@]&%"[N_9RPW=H7M@PN,H'(9.NP='56JCSM2>U*L7(O0H MB836-V@G_-Q%Z(FLH32LE(87\F'89PEZ(FN4 #OUGZ[S:TXL\0V3.2/',;!B M2U@PP"?>AWBO)\"=Z<VK]B]5_^5HMDHH:B+K2G7K>6Z%[)D2=Q7 M&7IB:Y:A[E)P9P?P E-Z1VX+AX/1H2>/HU2*(WS"E'4'@7_20I!D2VAK7IW MLU>A)[:FS+H9P?ZES-AKK](76[,,=;>"..SN!%Y@Q.++9T#_RXG&0[PV"$U:L M^PC7<&C)XRC?#;P#2][7_09\-AL= BT8#F5Q7=P-5MMIMR8+82# M^5N]R6)V"FJ:8H?FGO XH0*EL%24SM50/26\V/0H!I*MS;[!,Y.29>9R!200 MK@/4_25CWUS@@8% !F&@ &0 M 'AL+W=OS"E+L8F6]@\9P1'2BA- M;,]QAG:*X\R:C%7?(YN,:2&2.".//#}B33%[NR,)7=]8KK7I>(H72R$[[,DX MQPOR3,1+_LB@9=N4@V#R?I/:O(PF1GF9$J3KW$D MCP6R$(1F>,B$4]T_0NI)C20>%-N/I%ZVJL8Z&PX(*FE3!8D,99^8]?*R(: M H#3+N!5 MZ^0/^(0*\2Z.T+#(\(]"N! D3^@3Y@Q+#V(3GTB M<)SP,^A]>?;1ZWX>O.TR+>%HL+Y/3. MD>=X_1:#IGKQ7XOD GE72KS7-I]WM.<,Q"^:/@\^(-YSE+BG(:-7!T]/X?7T MP7,.T2-S4IPMT'-A*GME(4&_SY)X@65(G:/@-8?40"+7.E.#I'S_"*SW&9 M,/[X#;#1O2 I_[,M3DI#^NV&R&QZS7,&5G%L%23-YEI"6/@+5:E!U:FA[];%^%=B3M4N'G M6DWUDP/M4R_9%PED4C"-6]D'JK(/CBE M12;:I\'!"O-: K\2;! D-@.\1?UL1??C1?_!L/7!YXP#T,?:TE73U@ $BPP!+;C@5'M@9'6 Y^*=$:8W$NKTU>(DP2<,'M#:WF"RP0ZA?Q3OCQK(U^+ MWW5;-0GFFP0+1@T"KLZ@V38+Y)L* $&S57O'-QV6]WA^ML*QFGVVI8 M$2Y/G$4.Y\O->B ;K[VS,/2ZNOK"*)IO%"VHT'87QQ%?-*I*5^N+! P:IT6* M\&+!".P!L"3P6TI@B2"Z B?51R)!6-K*OQ:_,_\FT7RC:$&%UCP8>P[L@,=\ MX&U]X&E]\+4*^9+KS5&^E6SOP(2>YX[V]N"64?W><.\ K[>I,S>&T'89W):W MKK;>FORL^(MD^,YQS- *)T4SWW?+[I6R9M[K7PP'^RQ_9)2O-[PSS?]%V>EN MZTY77WA.U6_@YK(K=P6B_)M,K[4QXBTYG7V=@ M2F=)I-WX;@[Y9Z$N+*"*DJ5J^16T[JTO16[55_YU[/75;^GUYB:*^TV_A MRQN8!\P6<<910N:@"HZ_,'%67FJ4#4%S]=5^1@4D1_6X)#@B3 Z JW-*Q:8A M%=172Y-_ %!+ P04 " !WB"59S^.,DQ % Z*0 &0 'AL+W=OS$:\%1%+*'W L@TCHGX=44COAIZT'OYXH'-YBK[PA\-%F1&'ZGZ MMK@7^LPO528LIHED/ &"3H?»)RX#H/,(;?XSNA*;AR#+)4GSI^SDR^3H1=D M$=&(CE4F0?3'DE[3*,J4=!P_"E&O'#-SW#Q^4?^<)Z^3>2*27O/H;S91\Z%W M[

@@8Y3(5@R U=$,@D^WE!%6"0_Z6O&ZV3# M[A1\>[P!'S]\ A\ 2\#7.4\E229RX"L=:3:>/RZBNEI'A5Z)ZC*=G8$ GP 4 MH+#&_?H-]X4X ZA7Y^[K^I1%0F614*Z'WRS2';B4DNKZZ+S +2-/+&**4?E2 MO G0K6DJDEG]Q1.Q5JCKUR1"(R)G /Z(V5+$N7-E95%SKE0IXJ* M6/?*DDJ5]UU=-=9#=/,ALKO2>N61@$"!=+LTH&89E!:,W@ MF@K%IFQ,E)YD/M5WB 673-7%:15J.VN.Q"HY=\J<.T?5[AV7A7,D5BEU[&>6Z-\XXG])=^6(IGC4/3])4GD56C;?=4C5FG!WN=^EZ'&R 'K3G+/1=\ULC6Z(#-J1K&AT\!]H\2"R M:[:>Q7W@&31\!H\+T*!30G.E5BV>831X $B#NY06;+?_/A -&D:#SB -[N+7M3C(VDV]$ALZ@'<_,FX&:G:YUEVX#U2#AM7@<<$:\$IKKM2JNS$&U] !< TU MP[4:,\3M#!E<0TUP#=5$J58.CLN7$-N-_V@6O(X!HZ *ZA70[# M80^A[7M\K=WX_X4C VRH";"A=L!FUVP]C_L -F2 #1T7L"&GP.9*K5H\ VSH M ,"&FFVKV4-Y;ZH&VI S:$,-M]9][*RKVN ;:H)OJ#&^V>5:]^0^\ T9?$/' MA6_(*;ZY4JO^)F3P#1\ W _NEVT_T*PFU=@-MN$FV(9K(W**;:[4JGD:;,/' MA6W8*;:Y4JL6;^-7ST/\[+F+8SL-;C.IQFY@#3>!-=P.UNR:K6=O'["&#:SA MXX(U[!367*E5BV=@#1\ UO#;NVOV,-Z;I@$U[S4\-N[:U:3:H0&SW 3/,.- M\L7]=8GBB_R=]V>N% (\S@_GE$RHR ST]2GGZN4D M>WVN?%UR]#]02P,$% @ =X@E6=;^6RU> @ I 4 !D !X;"]W;W)K M&ULK51-;]LP#/TK@E<,+;#%CIUD7>88R,>*=D" MH$&[P["#8C.Q4%GR)#GI_OTHV?'2PLTNNUBBQ/?(1XN,#U(]Z1S D.>""SWQ M_K-(>"ZIXL0>#-5]J"&C35SM>E IHY4,'], A&?D&9\)+8G:U4$LO* M<"9@I8BNBH*JWS/@\C#Q^M[QX)[M10?82 M[V/:;>[A,?=9>)9P6NUZ)(@^D# (!QWYS, _#OU6\1\+/#AZ=22=J2QDYONC? MI5PPG7)IJZG)C^E&&X7/]6=7R6K*03>E;>&Q+FD*$P][5(/:@Y>\?]].I_A"*HGQE^:>GXMJ=HQH0F' M+5(&O4_8P*J>";5A9.G::B,-JG;YCA&0D5(>I*:8Z&#= .YN0/4$L#!!0 M ('>)5G"AD8$0O0(",' 9 >&PO=V]R:W-H965T-AVH.;N*F%8V>VT\)^ M_:Z=-"MMZ/:PE\0?YUR?>VQ?)QLAG]2*$(V>2\;5Q%EI75ZVZKLI6I,1J("K" M868I9(DU=&7AJDH2G%M2R=S \V*WQ)0[:6+'9C)-1*T9Y60FD:K+$LN7:\+$ M9N+XSG;@GA8K;0;<-*EP0>9$/U0S"3VWBY+3DG!%!4>2+"?.E7\YC0W> KY1 MLE$[;60R60CQ9#IW^ CQ3Q"#"2*9-! R_-9D2QDP@D/&/SC>ET2QKB;GL;_=;F M#KDLL")3P1YIKE<3Y\)!.5GBDFE[L?E$VGPB$R\33-DOVK18ST%9K;0H6S(H M*"EO_OBY]6&'X _?(0M(?A70M@20IMHH\RF=8,U3A,I-D@:-$0S#>N-94,V ME)M=G&L)LQ1X.IW75<4(;(O&#-U2CGE&H77'FP-BG/Z YG!V\IH1))8PLP:P MD"_H](9H3)DZ \3#_:=GIRA$T0Y^KH2M<(\5XFK0:)9R,U:.=>-G. -.5=U M,4!>>(X"+QCVT*=_H5=R@()1']T%8SIW@LZ=P,8+WXCW11:8TU_6AW,T%5P) M1O/&%D@0S211QCH[.;\,7 .@]96A;Y?+926<%Y_]/G1"!CV"S!W^%),"3 MIS)KR35QTO?O_-C[V.?.?PKVRJNP\RH\%CV]QQLXF)I(2+]WYQMZ;.FFN*Q3 MW[\(1XF[WDWA$#4>^E$'>B5MV$D;'I7V")7$',Q*BHRH7G%-@&AWCV2C[[0=M@D;#D=>O+>JT14>UP9&A<'US5 C1?V.B@U5]SX_&>]H.46,O"/JUQ9VV^*BV M[5VGI%=8?+!5H1]%^QMZB JBL3?:4^;NE##S?'S&LJ!<(4:6P/,&(\A,-B6Y MZ6A1V:JV$!IJI&VNX!4CT@!@?BF$WG9,H>S>Q?0W4$L#!!0 ('>()5E1 MX@P/1@0 ,<6 9 >&PO=V]R:W-H965TD<2S*]I1E+YRX:R M! MYRK8FSQC!89&4Q":R+-=,<)0:P:RXMF3!C.8BCE*R9(#G28+9TQL2T\/<M@,;SA8_1=B?4!3.8974+5D1\SI9,GIDU2A@E).4130$CF[EQ"V\6R%8)1<27 MB!QXZQBH4AXI_:I.[L.Y82E&)"HW776_ZM"2 C?H_56+[^!G] M;5&\+.81<[*@\=]1*'9SPS=2#8XC\5'>OB+5 5-%-Z:QKSX!(" M)E6R9)!$:?F-OU>-:"5 YT0"JA+0_TVPJX2B TQ#\^2V/,I5\!=Y+R;V\(P)',7\E< E78!GC5'2[/YYD.'@7I"$_ZLKM<1V]-CJVGKA&5Z3 MN2%O24[8GAC![[]!U_I#5_A(8)TVV'4;["'TH*,"TJA@RRC7+G()YQ9P:FO9 M!]"RY5XS,_?MFOIA'K*G3AW5(>O49)U!L@^$\QMPNU[G21YC04)YG\N>2*&7 M.XDL 2>4B>B_XH*.?OD'DQ:OUS::3J9']#5AR/?05,]_4O.?_%*S4R)T7"<] M$![4/CRBVH]R;->=Z)FZ-5/W9TS#O-R?:YXZBH,HY]X'(X%U"O;]@KT+;@?> MF&T8":S3!K]N@S=N=#WU&=+#!Q[O!OTHY+F6K]?HM.8Z'>2ZH$F6"\(:G@5K M3C?B@!G1L1T$/'>=1@+KU ZMYG%O75"P%?A(G1@+K=N*EO.!XXJVPNOHT?6\ MXYU5$P9]U KK\FV-BX+"-.5^O?3N"(/1[>NV'P:GO6"?TVK@6.&Q;'HA\O=K1. 11 MDC&Z+]XR]$0'@II'0NF4W%@BZEU3LJ-9H++1N*QIS! =-QR\HUM,\\5%/ ML)JH"3IA76'C8>"PB?D@=H3I:0TFGKTH(Z%URVSL#YQ>4I^C>J&QT+JO\HT9 M0H,.XWQ]5GAMY;GO/Y*G)FABGWB%18U;0<-N94%3+ECU@>2=9L M31G5B(<=9MLHY2 F&YEF77M2\:R(O5F#0MO2B (/@% 9 >&PO=V]R M:W-H965T5A3)H)LZ&ISE0UE M:S@3,%=$MW5-U:\)<+D9!:?!MG#+RLK80I@-&UK" LQ=,U>X"WN6@M4@-)." M*%B-@O'IY32U_:[A*X.-WED3ZV0IY;W=7!>C(+*"@$-N+ /%OS5,@7-+A#)^M=IQ!_TH+W%UOV:^<=_2RI!JFDG]CA:E&P=N %+"B+3>W),MFB;A@,>BZ&<7#%!1[4OG/Y$] MRBKMLTH/L6"0 &0 'AL+W=OR!(%/MEE(5U.!4K7Q=*]"92RJX'P7!T"\H$UXR=FLSE8QE93@3,%-$5T5!U<,%<+F> M>*&W6;AAJ]S8!3\9EW0%FM,"LY$,\V\0)+"#BDQB)0 +N#*7!N@9#&SP;3:UJI$[?'&_1W3CMJ 965-4\F_LLSD$^_4(QDL:<7-C5R_AT9/;/%2R;7[)>LF-O!(6FDCBR89&11, MU/_TOO%A*V$P>B(A:A*BOTWH-PE]|1FYF1=4D.3L9)KHFPTHMF!\\9EHQHFM;!7G1N%3AGDFF5=ER0'+8B@G[YB@(F4X^B#J!K%.OR9S[)VLXD#DDIRGJ:M@(U?WV$@:-*$B(] M:_+M?*&-PJ;^WN5'36#03[2UX\"X?!VRYW_A'8CE?] MUJO^,?1DTSW0=$^7V!IAZ!#L(727A,%P$([]NVT5AU%OAF'0!NVP&[3L!D?9 M;1JXI)TP;%[%7 LFU@1(TE9J32GMN.QAJ7^\)\M#;/*]QVSNZ=F4C.GJ]O5O;&W#1:2M7(FJ<)!2=.ZOXW3VF]857;HC+VU,/N[D]/ A[_@[:OT=_5]!%Z/#J@=1>+K7 M&X=1X6D_V&\.?^OVLE\.GZA:,;&Q1Y>8%YR,L,54?1O7$R-+=Z$M1,'KT0US M_(!90/P^5)*LYG8.[+])$I^ U!+ P04 "!WB"59^P!P6<$" #M!@ M&0 'AL+W=OW.2VL7#L8#LM[-?OVDE#H8'M@9?$' _=14=V0! G<64N74X%0M?5THH*D#Y=P/@^#8 MSRD37GCP-3C5VI1.!,P5427>4[5XSEPN1YI76^S<,.6F;$+?CPJZ!)F8A+ MJ<*9WV1)60Y",RF(@L78.^N>3B(;[P)^,%CKK3&Q2N92WMG)53KV DL(."3& M9J#X6L$$.+>)D,9]G=-KCK3 [?$F^Z73CEKF5,-$\]\L-=G8&WHDA04MN;F1MZ\]0ZW$$$\FU>Y)U'1MX)"FUD7D-1@8Y$]6;/M0^; &Z_5< 80T(_Q?0JP$] M)[1BYF1=4$/CD9)KHFPT9K,#YXU#HQDH%P><&86[#'$FGI5%P0$_BZ&<7#)! M1<)P="6]K%.'Y$9UDY:P=DCS!!OF>RU%2D>N0;9&W/IL:X'G%,'%KB$YY[)"@=TC"(.RW MP"?_@!>J0\)!&]Q'KQK#PL:PT.7KO9+O6BVI8'^<-8=D(H66G*654RB03!5H MZZ9;0+^>/)WAHG-:DU]GQQ\:G/GG9()\ZK7>-5[*WN,57*T*9."/M(YQQI1P-$J?1$$3]$Q0OQ'4 M?U-05?QB2Q9_JOXVIE6Z:(O$22]Z070WIAOTNNUSHX9H]+Y$HVQWAL/NX 73 MW:#H9/B2J;_5C.Q%\)6J)1.:<%@@+.@,,(NJFFLU,;)P_6DN#78[-\SP/@)E M W! (:793&S+:VZX^"]02P,$% @ =X@E6&ULM9?_;YLX&,;_%8N;3INT%FR^II=$ M6E---ZG;56VW^V':#PZ\2:R!G3.FV?[[LPD%*@PYM;=?&@R\S_.\!G^*YP3BL"P\WCBEFUWRIQPE_]W<(=_M[,&Z';]N2L01XR01'8C8+YQV^N"2!*:CO^,+@4/:.D6EE+<1W, B0+1S/ M)((<4F4D]YY@!7DN5'2.?YI1)W6TQ3VCQ_5W]?-ZV;6M(25R/]FF=HMG,1! M6&QHE:M;*O*S_HD-SK^>@M"J5*)IBG:!@_/A+?S03T2L@9*2 M- 6DSGTTJE->4467>_.Q81 MCP3H\]T5>OWJS5,95_?:-DS:ADFMZX_H7@N^/5,@BZZ!WAQ\O=:WHP*BO*; M+?-1.[!KFQ5T4>YI"@M'+Y$2Y ,XR]]_PY'WQT1ROTWN3ZDO;\&LL@RD>1AZ W5D);P*-5N8%?FP)+,HQ'/WP>(&M"S,9Y(GC64SL@69MH-EDH(^45QO-X$IJ MOJ OP#,AK>Z3,L]<8MCK<.C]0CPTXO]S^![+\=U(\$GKVQXL[KN)) M^(U"HBE[\CKY7C1BU\$03]-P#!~6=]N%LY&F(0[N*3"+2" EL82 (\0@K<M01"?I*"5%7B(08++#$5C@#H-XFH,OP04>PC(,?!*,9.IHB:=Q>0_ICHM<;'^B M:Y;]#T% [P'L$2:5GKON.M;BY%=*8Y+DSPW?<1E/@_F_06,V>,91XHU\5I". MMF02B*/,:,KZ=HD?C/P'(AT?R30?QYA!ADB,$R\M]:9XDHI499$A$?XR_ MI ,B.0E$*S'($(CC;AT/R30/7P*,1OK)1ZH _&YT>[L:LT/\2.66Z3U&#AM= MYYW'NB5YW'0=!TKLZXW.6BB];.H/=WJC"M+^RW\!4$L# M!!0 ('>()5E;ZF^[A0,%X- 9 >&PO=V]R:W-H965TN>98;>\%?S"J6X0V:+]65HI'?J22\1*&Y%* PG7MG MX>DRC&Q ,^,KQ[7>.@>+LI+RUAQO\2N9>8"O" F-C)1@=;G&)16?5]([_-J)> ME],&;I_J'HX EFQ30N9?&-)R:?>\<>))BRNC#7_L&[G M3B<>Q+4VLMP$4P4E%^V1W6V,V H@G?Z :!,0[0:\E&&X"1@VH&UE#=8%,VPQ M4W(-RLXF-7O2>--$$PT7=AEOC**[G.+,8BG+DAM:%Z.!B0264A@N,A0Q1PWO MX1^F%+-.P]L+-(P7^AU=_7)S 6_?O(,WP 5<\]*@%=$SWU!!5M:/-\G/V^31 M"\F'<$GI<@U_BP23GOBE.SZ,' (^.='9$3W8<1XY%<_ J; #!\ BB(!KU%?0_ MX94:0#3M"W]2SK!,G6&C-WQ![[,4V7N#]H2K6L4Y_5WA<<'@^V>:#I\,EOK? M/O-;[5& MGT^G,J*Q3CWZ &@4=VBM_CSCW 2 -4' DIB3VP8=3:,7,J+#EZN M"IXQN__U$5A?^K"=6OMBNPL;PSTRI1V(XPYQ[$94,JEC VN[WX2Y[P-S*X1- M+7T,SK@#EV[2<4V<55TR4:?TK*X5/57@*XI$[OK5PCEE]EVU5Q)[0CSMB*>_ M<<.].7].&5Q)[8L-Q9\/QWGN6WFTFIS>R1$$WAF0Y,4+_JKS5CX,&GW;C=PN MHFAP,O-OMQ&=11R(>-(AGOP:8KSU$C425@@5X\D1M3FVD4I0@4PAY3IF18-K M7P]C:$ 8/'8/@=.":TQKD;!5@=0[M55)ST]\&!,J9C@>3'11WKD-9MCJA<%^6(VK!E*)U[84*GT,%@^DNE#/IH5#1M(U2T/Y20PL45/=]YTV<;SYUW7RY_JX,M465-8ZJI8]7"M,UL=[7[>#AK6T; M<7K[Y7'5,;I65-@2J&T(/3Z4VTSWPZ,K)I^>"4-==?-:4X?0*CL!+J?2FD> M!C9!]TFU^ E02P,$% @ =X@E63<7T!F8@ HP@ !D !X;"]W;W)K M&ULM99M;],P$,>_RBE("*31/+1-NY%&VH,0DS8T M;8*]0+SPDFMK+8Z#[;3;M] 9:4.1T@ 3?9/XZ?[^G>_B2[*6ZEO0T\B:+4M,V]I3'7B^SI;HF!Z(*LL:68NE6"&NFKAZTHARYV1*/PH"&)?,%YZ:>+&;E2: MR-H4O,0;!;H6@JGG,RSD>N:%WG;@EB^6Q@[X:5*Q!=ZA^5K=*.KYK4K.!9:: MRQ(4SF?>:7AR%@;6P*WXQG&M=]I@77F0\M%V+0.9%U@B+# S5H+1:X7G6!16 MB3A^;D2=D]KN<O>JG]RSI,S#TSCN2SN>6Z@,V_J08YS5A?F5JX A:\AL=7+ M9*'=$];-VO'$@ZS61HJ-,1$(7C9O)K0YB!V#:+S'(-H81(Z7\1.Z\4 @N$11$$T^MW<)["6+FKI(J(1.,HCN$"= M*5ZY<'Z_HK5P:5+#H'UV@C?"H6]CF^HFN6(8SCY)9HUJAE[Y]$\;!QQ[L88L] M[%-/[UTN8 YLA8IRF]+7?B"\7$!A/0G1!]\N.X1F9TC %(4NSU!!&D+-G MW4,\:HE' T:</\A,F@NG"\G? M*3FV?%\SM>"EIOWF)!4,)O11JJ8B-ATC*U>%'J2AFN::2_J+0&47T/Q<2<K/M MV,+6_I>D+U!+ P04 " !WB"59@(_4OND"!E!P &0 'AL+W=O,G)K#RH9R=IP M)N!!$5V7)55_KH#+U=CK>]N1Y87QB[XR:BB.R2#!:VY>92K3[#Q,[1\}>3:/&C I^>"HHW76_RL - GFY N &$^X#!*X!H XB^*8B(!.ZJCC@MCAG*R93J@MSBGI,[T=2.W833:S"41>"E-H[(O=453 M&*MX=#6H)7C)VS?],/C8Y>_D;UP.VC=#HZQ)\K4%@K(B?<%1@T!=99%PU3 M{)AL]UDF-,?C_SEKIG#H(NPW\:\T#AL-0Z/:G2U75&6$:QL0DM9*Z.QBE-> M8P?:&=7MK% QW90^'>}8.8\ZCN-M:W%J+ MCUIS7?E,+LYJ>ZBU!C0FYWAF16,,UFE!10[,>6 $GC0+W?'N\A$?I#\:IOT]M(X=!P9X-?Z=CE:!RU\@U26WJFY/=KK9WQ<2UR+WU*[Q#FI,_CZ:Y@.ZIRIG0 MZ&J!E$'O R96 4V]F1A9N,XXEP:[K!L6> ^"L@'X?2&EV4[L#]J,.?D+4$L# M!!0 ('>()5FC', @LP(+H' 9 >&PO=V]R:W-H965T%[L5)K63I>;=@F7OA&8 M'=\(,?.&&DK2\.>]>1V/7,\G1%06$D= JO'!JZ 4AU)Y?&K#^H,3"W<';]% MOS'FE9DE%G#%Z'>REN7,21RTAARW5-ZS[1?H##44ZWHI187[1MML;QPY:M4*R MJA>K#"I2=T .\TG^(*4$0'!_SO2 P>7<@D^4UECA+_=LBKG>K:!@K!J2U[H[M^E0>)>K1-ED=@?*DD"?T+PH,!18 KH9A MG14 K.@4:VQC1?LL+S[@*QY8\2E68F/%_\$:#ZSQ*=;$QAKOL_PHL;.2@94< M93V6H)IJ+H';B,D^<>(?.+7)0)P<)S*)*:*FRIN^RFWLR1[;G\119(?[WI^^ MXQW%WX$04W1;*\<@I+6+>'OD. K] ^"=AN&ULM9A;<^HV$(#_RHZ;_MZ20S";9LKBDP0TA/FX=T,G"2\ZS8"VAB6U22X>3?5[*_S<4X'}]\@'79U7XK M.;52?\W%FUP@*O@9A,$<6 NEEK>V+?T%1E0V^!)CW3+C(}*%\7A2W:A)6 1QI+Q& 3.!M:(W(Y)UPBD/5X8KN76 QB45\[?3.$A M&%B.L0A#])5107??"L<8AD:3MN/??E5C&D$M[%WVK^E\!KFE4H<_'"]1B M8'4M"!!&DU!-^/IOS(%.1[/0YG^PCKOZUC@>U+Q*!?6%D0LSO[IS]P16P)N M\XB FPNX^P+>0O%_!2T,RR%.N>*CKL"[X&87IK;>8C]4TJK6E8,*9QJH1N M95I.#:<+*A>8A]CXT]X"FD,.S#-9A7X3+=EB\4X?8(A51B XC"9/L/(S %3M[W!YCXJR4%YIT0E*)9AONDT5]] @.69*PJ462-N?I_=P>7$%%V"#-*-+8''6 MZ7JKXON"]Y+&@:Z\,.5'%H;:!-FWE<8VQMM^CGB7(;!'$#UXY+%:2/@S#^C"H MD!_7RQ.W1H&M_5TXW=TX_L_M2_5YQW1T\2O:(P6[FD/@XL'5LDBA5: MP]]_(VWGCRK:3U*VP]XLV)MUVH=W.&=QS.*Y#@9ZZ?N8PF?+L)\(4]=*U9D8MN1H2AWB]QKW:1JH=]$RD5H'4JD7Z2]#8[+X/0%H'(&ZON8=1.]"9&.T"HUV+ M\;+CR,<4[0.*FX[G[F'4#G0F1J?Z-1BC,VB"C&&P08?1&;(3F#J'3.X!4^VH M9S)U"Z9N+9..@[^P8[H'.+UF>W_#";,W58[=O8*.WNU@>U'>HAC<#.:H=!) M":1,_.1!B?"_,@$O.$RPRN;>9\.W3U*VXP+BE >\YV"P,.0"@E+'?O3 MZ.NR&')RS#L=+4^-O.T8V&TX[7VVVK'/97+ M-O?40'@ZFGN(1MR&>X!6._2Y:&7B06K/JJ/\\71.KX*STV@>+,^OR#%(F620 M^BRC(F">CMBLVH"=@YFL[+.U3W=-+Y,)TOJU&#IJ4[L@',45F>-UZOT=W?RA7}2+?;N%(_2SP72 (7IH-MGG*M-P0Q0O$,_-P.02P,$% @ -=X@E M6>86$[%K! SQ, !D !X;"]W;W)K4ULM5A= M;^(X%/TK5K8:M5)+OOCL !*E7>T\5(/*=.?932Y@C6.SMH'VWZ^=I F$X%*& M>8'8\3V^YU[{YMC}#1>_Y_)H=>$,CEP%DHM;UU71@M(L&SP)3#]9L9%@I5N MBKDKEP)PG!HEU T\K^TFF#!GV$_{}F+8YRM%"8.)0'*5)%B\W0'EFX'C.^\= M3V2^4*;#';?.7> Y34, +B= MMT")20),$LZ0@-G &?FW8[]G#-(1_Q+8R*UG M9*B\4?7$_]3JAE\").9?]+-OE8ST'12BJ>Y,;,@X2P M[!^_YH'8,@C" P9!,A!4#5H'#,+<($R)9IZEM.ZQX.!^L!LDS&B-9A[2V*36 MF@UA)HU3)?1;HNW4<+K M W%@$S\403BAFZ0=,LJXC/J+MLL9B@/P'%"F*D M.,H,OR_3_I%)!E%OZ/(>%"947FF,Y^D]NKRX0A?(1=*,EH@P],R(DM=;'3\6M?"4QBW7GA6D_$DHUINR[2O,S7KI1SN4NXQ($&SS]$/S)>B@8).G?F..V&1[##%"P_@ M?5\JJ72H"9OOY*\VUAE4LQ[*5)=;N<01#!Q=/B2(-3C#++W_Y;>]K'<\S@>VP M;A:LFS,TX1W,"6.&\PO6JSL=*F76;8 K~J89W"M%,Z4P?6PW0S\OKO>9F2= M\T1&K8)1R\HHSQ]*5Q 1D7!#ZJ2B 4BS-S\@UJHC=]/I]2KDK .?2*Y=D&L? M12XRJ:(0N[K\S(<0:V]3RVL$+-.?2*Q3D&L8R7VD&V(Q=A9X],J^U7\{0 M:&>E[KC9+=SL?F9QX1?ZH:_=.E^;%5^MLYX8^E[!J6Z]>S^G,HW*/D&OU,ECV<;[+,_M&F&U;MJ].95MJ5M]T"H*YW',PSWJE-091?:5_BNUZ7N\.W"XUE/=[U#+]M M<_U/Z!"_%")^ZW.%]0G,V=$D:ZREM"GM!6FZ>(I),@F81&'HL_(5O\4K?X M=N%2Q +GL1!%+**M6"@=BVO$\[7!2TE>&R#[E"WT!F89^2@Q!Q?40S%^JU/S MXR.!P@Q((W9KH'8#4^H>WRY\3@K,UJ:I#8Q]RD\$Q@ITZJ(Q99O5UNC^5S M7!^J]=%7"<(DB= :TQ4H=^H'EAJQWGM1NM F2NUE6^5+\=0M^"B9O,TZIQE4_3^KB'*WKDP2$//T)DE_3OF*J>SVI.@M;JM&Z1V 6P[/KKH> ML=#Z2B(*,VWJ 3JZ#(GL]BAK*+Y,+V!>N%(\21\7@&,09H!^/^-()5D@&39=YP(/0(9 >&PO=V]R:W-H965T M:Z*DHAIZHC"N#X9B5D3C5N9>*J0@*,;5">N;[G#=R<,,NZ$(VN;RW-D2ITQ M#G-)5)GG5-Y-(1.;L=.UMH9KEJ3:&-QP5- $%J"_%G.).[=!B5D.7#'!B835MV)ETSV9#XV\=OC'8J)TU,4R60MR8S64\=CQ3$&00:8-\,&&&629 <(R?M68 M3I/2!.ZNM^CO+7?DLJ0*9B+[SF*=CIVW#HEA1#)E?\FF M\AVX.B0JE19Y'8P5Y(Q73WI,Z[_3@#C[__PZP'\: MAB,ID0:,T0S"ZN-C48VC)M_<:.$EOF48I\-%2B602QX!-WJ2>48Y.2&?J934 M&H[.05.6J6.T*N.LM@_&R9=4E(KR6(UJ$T^KQ/XSB0-R);A.%,G@ M,<0/XUTDT3#QMTRF?BO@I$PZQ O>$_ S>WQJF,6'?RRS#O%/;7C04D[0"!M8 MO*! V!/383&9B1Q/G*X<2>H+$\ 3X(FRSNRZS>G=]8\V5 9DQ^?$))<.LC5 MSWW2S0E[^ _;TW^F"AK!V,'CK4"NP0E?O^H.UZOT=P2H@D0V_I>HU4O3;TN@KLQ"9H/G?/4$L#!!0 (M '>()5G]NN_V?0, (<. 9 >&PO=V]R:W-H965TB#XPTEH12I$I2=KI? M7Y*2%;I&8.SYP9"3.S ^_ 1 (@T4 &J)A;B93YE6V+,($,BPN6 M U5/=HQC6*HMCVV1<\"1<P:)4HSH")E%''8S.VE>[5V?>U@ M+/Y+X2 ::Z1#N6?LA][<1'/+T8R 0"@U!%9 >U@#(1I)\?A9@5KUG=JQN3ZB M_V6"5\'<8P%K1KZFD4SFUL1"$>QP0>0M. P-54"7&B]D1)A?=*AL'0N%A9 L MJYP5@RREY3^}(1H."B<;@>O-<>;V RR*^0(Y_ACS'&W7P M6?>[_U.0"^1-C;O?0\>O9?<-GM\G^_F]$76#?ZGW0}(EYYC&H-=G1W$CI/1# M:YRGS!/T?XC.T#)CA,+^JEE!HAL)F?C>I6]Y_ZC{?OUQN!(Y#F%NJ,=?_^# MM7CWQG<V-.%)KA?@I9D9"*P5.U#'&KQR$0=# M2C406$NJ<2W5>/ B+A$O&^7I3=R3$GYJXTZFW14\J:E.>JG>JN Q#Q.3M$B5 M,6&Y3F<7Q5ZDE^9G(+!6T-,ZZ.DKE_)T2*D& FM)Y3J/+8,S>#%7D,U*G;KC MTR]RA]5H['O=!>TV>ARWG[#J$E,.GZ$8*!,3!)QI-J15$B.=>/3R;D7]:4Y M&PJMK8'WJ(\WRA5>$1A*KH'0VG(]]F=N,T_S9S7N/VHTFI_C*K"G5KXS&I_4 MN-UHZ3/@L9ETA**B,E%VO?5I/4TMS0QQ()5D63>);R0('@' 9 >&PO=V]R:W-H965T;4>0\NBT3JH4];%]F/;!@4NP9FQFFZ3[M][--0M..LDW:%[#-/>>><{&OHQT7WV3.H-!C09F<.KE2Y-7GR22'DN7E\#T MEXR+ BL]%1M/E@)P:D$%]0+?'WL%)LR)([NV$G'$*T4)@Y5LBH*+'[.@?+= MU!DXAX5;LLF56?#BJ,0;N /U4*Z$GGD-2TH*8))PA@1D4V,,04 A488!Z]<6%D"I(=(R?NPYG2:E 1Z/#^P?K'?M M98TE+#C]0E*53YUS!26O58J]6{[[""L_(\7<"KM$^WJV(D.3BJ>+$':P4% M874,/^[K< 30/.V 8 \(7@*&KP#"/2"T=71FMEUM82*QQ'@N^0,.&:S0QL;2Q: MNR',_,4{)?17HG$JOF8)+P#=XT>0J+<$A0F5?72&'NZ6J'?21R>(,'2?\TIB MELK(4SJ[@7K)/L&\3A"\DB!$-YRI7*(KED+Z'.]IL8WBX*!X'G02SJJ-B_SP M% 5^,&S1L^B&?ZJHBX(+"P\[Y(1- 4/+%_ZQ@&A)9$*YK 2@K[.U5$+OT6]M M%:L9A^V,YMQ>RA(G,'7TP90@MN#$[]X,QO[[-KO_B>R9^6%C?MC%']\$WQ)[MH'MK8) 1U4>ZL^@M8XNBS*Y]*T#-.K:LIL]LXW$01-[VV-?O,6>C<-($/=;[M:O2..O5>91G8OF&D(8$5M*GKYNA-7_VV {%37PXDBR[_&&=LGC1O+X+R4_ M%=4JUSTTX2PAE$$]1DF.V,6$(F-YYD#:AIZ@$D0!3;6ZT_<&=Q9+[_HK? M3NB_;CWQ{D5(#:VMTN4\(JINCLT]\WU,;_=\\7Z7%\K]2WP1%/?23=8; B3 MB$*R*7UWHG^8J/M\/5&\M*URS95NO'-8ZZL1A G0WS/.U6%B$C27;?P+4$L# M!!0 ('>()5DYM(CD,,_) * 9 >&PO=V]R:W-H965T&I&CN1UIL;UU7+"!.F6F*# M*3U9"9DP35.Y=M5&((@LM*.%NX'D]-V%QZDQ&=FTN)R.1:IZG.)>@LB1A\M<4 MN=B-'=_9+SS$ZTB;!7QH33DR]4*9^%4C!'"8N(281K6%"QA!E'$"OX.^*IDS% M2V!!"+.89QI#N)BA9C%7EX1^7,S@XO4EO 87E $HB%-X3&.MKFB1QE\CD2F" MJY&KR8-1XBX+O=-<;W!";Q0N>B\,G^V$^MJA^[X7M<%0K/-J[<.K^"9'H#56*"M-&;RO" M.Y=S1V-L<-:{/!-U/]PEX;M'*QA6"=XZF*'M[#*A:,Q=T-CH)G.^!_4:5& M*7P-IP\I>NEY6(\="F+*3J6?K?OG$=8G/YD]M'^V:P2>8L@F_HFK)A"8<%@@9 M'Z0DBK[VG)@9.Y:PUMI<'NYVQ2_!4#9 'R^D-C]50/[@OKK8O(74$L#!!0 M ('>()5G=.CF71P, _X4_ >&PO!ETJ MB'V/S[G']DUCZ%=ZR>G=C%(=+ HNJD$XT[K\&$759$8+4EW(D@J#Y%(51)NN MFD95J2C)*B5/.JT6DE4$";"85_,BYM"5\%4SHRZ3A-TF%+C;EVP0MI/+,'!R M(YG10?AP]O{G7.KK=X&[GWPX.6D]G%_OQL\L&2/7DX+;K M0177.@434MG<+H/D;:Z'[P"K'AADG#<&.Z$+#/LET9HJ<6,Z=K-/H."NGV_M+(W#J2++=N5HRZ860GE/,[>,1_Y%O:BWQCW^RNB:9I#-5 -)^,ZH+^IYK0W92]?I!N4 M[%'JSW,S'6'[4*'T5M&<+6Q_D3<&,/4VKD[*DB_<385!763/SCAL$]6O& F M%7LRV:!4)B951@\4J799#/R2Y'RGB[TJIP6.>ZY_^TZ3ZF@BO!-TZ,V MW_{JO}AQW'TMR_9;9=>PUV/JWG[K}^.P61R#*,/HB9[QV R/0*3W5?[UCS< M9/PV%S*J3T(,QZVMPU83#>!0.PB_PQ&9KY,&XSGCFHFZV-91L6S,Y>1UV1L M_EC;TC?C,Y}3.=?W#3@(U^UO-&/S(FU&W<)"U*/6[.\PO7;2G*A+B8RNJ#9 MJ.ZJZ=@V],P6>L+"+O(C;W\,"9QF!\#,N#+_6 XCH7E^9_FTT/GXS#,6\^+M]%!.#^4XE@\9V0^6Q\})S>6?:9K&<9)@*$H:>1V,L'5+$QCVJV'>@('E@4Q__MM]X;N,5LK\.L#W=5R'83/%*Q&:*KS4@_G4#1IKZ=QO+ PQL%[#:@?S^/%!3 M?DX\/JI3$<9KZ$<#\#N(80^!IQ!', M 7C D#BV[\&=]U&T>D]%Z_]@#G\#4$L#!!0 ('>()5F7BKL

-8?20$3;8T.P6BP^0"X99K>]9!:GMD"9)D1!WD=&.EL$Z5(@Z29-/IV:26RHP^?3RVM7*3=,<&*(.R!@MCP8.")_^C/NZ*@_+J46D57A:C M=EO#2-3*]%I]@VHQFHZ$W]FG/ZQ3WZP)4J]+9[5>C&9=Q0.XH,HWQ>L(>2\? M?5L2Y:.=1)#%Z&R*#6Z4\Z$]HFU?(N,!\:!NKPGV2ND ;#D8W_:YLLU=F&YO! MJY@DE]'&X?C;!?'"_9@(:/Q.[?U(&%G#8O3%'L#% MZ\$37%?=M066$2B+E+A16N.NJQ>,$,148#Y7 +6^UJI"C$!^EEJ8$D4!F!&1V M0LB_LJ?Q>R#SDT"N(P[^_8$L",CB4h"]2,X)RI(?,$\HR /#LE9)% GA.0 MY[R02_"E4_M8+NQ&?&Z\,N"]D";V'I] OB<@W_"KM76*#Q6FB NR]{V)N# M+%88TU)!"OF!@/S ?KM+/,)U->G8/.4&[RDOU1TSD9(KK1'H91_ F36GFE%YR9KW\U(+=TYEB-M4GK)N50:$7

ME((*9@5]9VPWQ&_/^YB%;Z,:G]D4DWSA|K_DQ!#SLIUG((6X.@*:J.-,2D% M%2=(EB'TNJEKZ5YZ_8=24,&M(JSMUXL* 45IUCQ_.A-*2:.EH();060TTWE'
M02FH8,^LI4NS@7%H3IEGSFR>@;49AA ,KAH-PJ;8E'GFS.8A,?LO?"GSS%OS M3(Z?!E2P40:J6SR%Q_)2ZG+E1/SI7NP4\YB3W31:?\&RO\R-E=7Q2XOC5R*? M_@%02P,$% @ -=X@E68HQ=E_/
0 ,Q\ !H !X,"]?,ZF7V<^9H<>[B7R:VJ]5V M&5_;Y>M!QI?)U>CM8U[U;Q]2 MA=)!"D%:/L@@R,H'.01Y^:. :@NKR05,(FI8/>H"@A_)!CQ#T6#[H"8*>R@?) M!&6<$"0-
L";06!!K(?!:$&APA%%N(5!;B&T&<%L0;B&6U#T!N(:, M$&\AT7%M1;R706U%=)=!;!Q ,;!'HKZJT$>BOJK01Z*=BOJK01Z
M*^JM!'HKZJT$>AOJ,01Z&^IM!'H;ZFT$>MM@LX1 ,T.]C4!O0[V-0&]#O8U M;T.]C4!O0[V-0&]#O8U ,T>]G4!O1[V=0&]'O9U ,T>]G4!O'VQV$^CMJ+<3 MZ.VHMQ/H[:BW$^CMJ+
<3Z.VHMQ/H7:/>-8'> >I=$^A=H][U?^J=\GD?T[WG MML;G.R?5^7)OO#_^NKR='+R7*\X!_I&_?-02P,$% @ =X@E63+A@>'' M 0 $A\ !, !;0V]N=&5N=%]4>7!E&ULS=G);L(P% 707T'95L1X
M@ X"-FVW+8O^@\)L\("*)+=M0^/LZ89!:T.B(2KV;1(GM=U]LZ6PR?MM9\KUM M5=9^DBQ#L ^,^6Q)E?:IL53'D;EQE0[QT2V8U=E*+XB)P6#$,E,'JD,_#62 MZ?B)YGI=AM5:FVA:DGB;/2)
[W'_<0F:Y)H:\LBTR&.LTV=?TOI'Q+2N+*= MXY>%]3=Q0L+.)C0C/P<M.=',(.T_[*K\YORW0%QIDS9ZR/)^,H\KCC MD32K^S86(A>*[D\\)<;25W\?-:>=4_[+[+B]\:MVO/PK+U=O\=?S_A4_\(^
M!$@?$J0/!=+'$*2/$4@?MR!]W('T<0_2!Q^@-((B*D()5EME4&7[P "L" 1 M "-\ !D,V-0()5F97)PC M$ 8)PG 3 "-&UL M4$L! A0#% @ =X@E68E)] ?O!0]QX !@ ("!#@@ M 'AL+W=O()5G17=Y2 M
P8 (,8 " @3,. !X,;"]W;W)K&UL4$L! A0#% @ =X@E M6:()5D SG6PW (!L(8 M " @5X= !X;"]W;W)K&UL4$L! A0#% @ =X@E69]=&,X%!P C1T !@ M
("!'R< 'AL+W=O()5GW7,RYHP8 /(/ 8 " @5HN !X;"]W M,W)K&PO=V]R:W-H965T&UL M4$L! A0#% @ =X@E67>_E Z'! :0H !D ("!(#P M 'AL+W=OZ M'5(@& *$ &0 @('>0 >&PO=V]R:W-
H965T()5D%[Y8[!*P8 Q-4W=O' !X;"]W;W)K&UL4$L! A0#% @ =X@E6:,3,D3BT &@P !D ("!PTT 'AL+W=O&PO=V]R:W-H965T()5G_]-6(+P0 *\) 9 " @7=; !X;"]W M,W)K&UL4$L! A0#% @
=X@E62BC>;[\! M$ P !D ("!W5\ 'AL+W=O&PO=V]R:W-H965T()5G. MA<^D+P0 (D* 9 " @95I !X;"]W;W)K&UL4$L! A0#% @ =X@E6&PO=V]R:W-H M965T()5G^GR=@C08 /P0 9 M " @1]X
!X,"]W;W)K&UL4$L! M A0#% @ =X@E63_/YS(D P * < !D ("!XWX 'AL M+W=O&PO=V]R:W-H965T()5C!;YB_) , ,D' 9 " M@9*% !X,"]W;W)K&UL4$L! A0#% @ -=X@E M65RU+(-I! 5PT !D ("!['8@
'AL+W=O<8[A8# !Q!@ &0 M @(&-C0 >&PO=V]R:W-H965T()5D;E>*:.0, /(' 9 "-@=60 !X;"]W;W)K M&UL4$L! A0#% @ =X@E6>6VHAN*! HPL M !D ("!=90 'AL+W=O&PO=V]R:W-
H965T()5G],>LO MB , &,(9 "-@0B< !X,"]W;W)K&UL4$L! A0#% @ =X@E6:AR"R:E P]!8 !D M ("!QY\ 'AL+W=O&PO=V]R:W-H965T M()5E[?7."!@4 &8: 9 M " @96G !X,"]W;W)K&UL4$L! A0#
M% @ =X@E6< CC),0!0 .BD !D ("!TJP 'AL+W=O M&PO=V]R:W-H965T()5C"AD8$O0("_' 9 " @:ZT M !X,"]W;W)K&UL4$L! A0#% @ =X@E65'B M#]&! QQ8 !D ("!HK< 'AL+W=O&PO=V]R:W-
H965T()5E2^51?.P, !X) 9 " @=Z^ !X;"]W;W)K&UL4$L! A0#% @ =X@E6?L <%G! @ [08 !D M ("!4,('AL+W=O&PO M=V]R:W-H965T()5E;ZF^[A0, M %X- 9 " @4+) !X;"]W;W)K&UL4$L! A0#%
@ =X@E63<7T!F8 @ HP@ !D ("! M_LP 'AL+W=O&PO=V]R:W-H965T()5FC', @LP(+H' 9 M " @>W2 !X;"]W;W)K&UL4$L! A0#% M @ =X@E62?C@%9=D! DQ(!D ("!U]4
'AL+W=O()5D@&39=YP(/0(9 " @13? !X M;"]W;W)K&UL4$L! A0#% @ =X@E6?VZ[_9] M P APX !D ("!,N('AL+W=O&PO=V]R:W-H965T(M)5DYM(CD,,) * 9 " @>;H !X;"]W;W)K&UL4$L!
A0#% @ =X@E6,';J=DZ P :0P !D M ("!3>P 'AL+W=O&PO()5F7BKL

***U5O/\?8S|+ "1&,4""ZE8I>B@*J9+3O [";>@-6"^XMJP'*/"[*A2'W:5(,,'20K\G>*#&,!P;WE9P[U-M'2?N,(AWXCD]N?HDFDB*#,WKQZ>]?.ZF9?3W3{'O(AR3@,M4%D'D>F)4,DI@
MD*'$[T,69(F2B(W LBQM&\@@'X\6D[TQ3LF)H2'21R2_R0N!4+W4+1+4 M,4BSRIP$R?OB*. :*>B5>;, QU/91$T/ZJH!]PPQ9^QH4T=WH(AI Q"($<>:3
MD4"7(8(WD*B&7973K]HL@:UOY-/JM[H-8U8S=/3(RS+>Y;>?^4XS1?YLW+MX)R M<,)"9O3J!^&/7CZ*?RU0C+'GT!0ER"6B3: 'T] CT 72/V:4)8&?JAVU&EA8
M/X3K^B_@FD/E#TFV\SR/JI+'LF5>J1[8 AW1'"*1 '"+0878 -3A=@B!7HT (= M7B;/\S/88NRDU%A9AO@###8=6@?G+&8D$'M9T#;KC_^X6C&ZALX]^74@,B8I MHG[LP,QAW//V1
O3P UAG4X"9,PBQ-V1HAV$@'[P5L!%/!=1E>+=I,=V=-MVS*6X-!U_R! M/O-"B.(V(LM"&,59'+NNBW"D5,AG'D7:]]+@RU_[[=7-T" 46B5U),O:&#Q4[#V54\BK];?
M:!==O7Y&_1KS]2_:17JG7']>K]2_V,]E\66U09*[#7>3+JKJK'HN&?ESB>]EO M^.0"EK]J#A<*P$! ANY.L:LXZ?)"U#?+? ,G&3$M!49XH"87/'!I$W#_R M4XB)YT _RGPW(@GV4* 2I;&
(]^6 CL 9I"URW,\2V(%&H^?F:-G<*SE_[8WL M@)K.ZI !/PFT?U[/+5QC#K:HKS>H?[(%_@+L8CM]3Z/L-<[4T/.ITU,9 5A M9V#YOBL|\|B9&Q:U/ZVOZWHU[&7C$H*",(
DRQ!$GHL@3OP AE&0.%'L9AX) M9^E*= PfZ\$T 1+D+4Q 5Y50&* 6A>CH|LB&Y5Z)Z;KQO+,]T/1;UF'\ICK, MC+'RM=O(;7M7Z-
7S!A;C36$&06BY2P+CYN5E\,W;?]0@<[E8Z/(@*Q]]?P97 MN8VC\/^OYI-T?6IWA74\04.>&U(.\]F,4/>7S^>!JK\\J2J2NNWQ\T3FlY5&R M]ISE\6P[4$I M79^/$##KM&IFA44TY#&""-=
+P,'FSSD5%K/.?]0U_C^OF+W?<^4OB#W4UZP-G:]P'%*&'$S2%#L0!1D"";8B6'B!F'F M^6[LJ)7-3(&T+)N[X,4)WB,__A HM*,H5'M#3?)0SBPU9UV>P9-
3XUEEW/MO\#*IW3/=SUM&,R9('1E=+=I,=V=-MVS*6X-!U_R! M/O-"B.(V(LM"&,59'+NNBW"D5,AG'D7:]]+@RU_[[=7-T" 46B5U),O:&#Q4[#V54\BK];?HPL M !D ("!=90 'AL+W=O&PO=V]R:W-
MHMPO765-RPIW]RZXQZF=,P">ZS^W,HT+,NCTV*WK,.1#0TK\FPX6V6*=FG+4 MY)]%ONDZ_-"*-RD!FBT"I4/^,":,E!?X9.32]HZ2:/3/+== @840C)4,*HSZ3 M*#4A'2; F&NN-
D+">>DM(T0<368YRU]HW;-?<;*,)AFR!(_[*^+]_@L,,"R_]C$\&+/=P@,PHA!1'T7)LAG, HC[9NY*!, MK8W2B6UT.T^, X=Y 7KPBCU!1CDF%,8PQ@7OJR)!TS!'ZB5U*
[M+_7]\OZT8;:K'0]FJ^^C+MH6TRXG,']M&^1PP:]I" M9I4JJN-$3YOA9].K*(PG235:L3U*E99]?GS%V:ST48*&MOO&]H5VI5H>/B! M=?_EHBJJ /G)_'O>/+Q?U4WYR*K+NF;-
(J^9EZ9Q GTG11"E40Q3)&;%(.(2X M* OB)& :D^054)#Z>,)<![K)&#[" J5Y&++ +7.0.Q88TA13(656$"A/V=8/2NWI*X3/[M/A1<5)4%_ROI^C ,:48OW9 ,;CSWR$6,99C#P/,+MC]B#F"
,XRS"F9^Z'[*> MBH)01<"RLOC"2%L[/ABLM8,3^%PVX&^,/T'+)^DV4-K!? OI_F MW44W1.P%_-'_UXK6T66&(0VD#'Y6;.:3+G'W-I++V.GI;.3SAHTY0872 G3C%-_M?!AD8LA+%C
8IRSCNY)%# &956LJJHQ.05"1F"$];<'HX;1.1;U\! M+9=+7-6BM4C74T2QI<@IALGI$P-,4%,;ASE,%Z ':DXQ3%!E2/Y/09E5S"=(MW9?FJ,-U M9HO='4%^&++$[]FOU06-7_*AK7MJ&7-
PWSY_9!5@!0 %1A*2>FD<"8X01'Z2 MPCB,8LC$,<3)(2G-9(>-C0&R++[@=:#" +09W0P+VA"-'5#U:1O!85%[^C_9/'Y!/-.U ?O"1#14,EBO(_HKO!0=M-U%$F8> MR%C(<11DL#8"
[(D2E#B8*4@VMLAS;+V6Z.!<=]IK5HC L@6$R#N MO"]V1$'V)8,G:93;X*M*[VJW@3"]A2]@9:@/47H*.W'1^VIA@T9?OC"S"@ M^@*LZ=ZT^-
M0#@:DMPWR#;?;>E/;,:))U]L@;/[67F^#[A.AH#>(H486_/LE MKNN;[^=.(MC LPT&>A3 305:)"Y QTN!!Q"(@!83"VQ2R+ZWP"Z]5'QC;%/+TE>D?S1E M7W:M^?+W%:G;2>97?5?
3B6JX(.;%/?&OXH$?.:=5>5_AQXT2_]P2N<4W6=?^.MX7+5/)15_C_B%'(V(LM"&,59'+NNBW"D5,AG'D7:]]+@RU_[[=7-T" 46B5U),O:&#Q4[#V54\BK];?HPL M !D ("!=90 'AL+W=O&PO=V]R:W-
51J+_BOY?5.O^S;]>! MND$6!4'LP3!S78A\$L$XCL5,=)\Y"<(ARAS9F:B'R[M.P^QA*4]#/<*(<9UT M/GF%J0D94H#44\3<,9DU",+SC8BI31!PUFI(T!9;5K9=LA9^)&?^(1ZD+;)
MC"A((4YI DF/HV2C)$ &6A8V0*S+%XC?1E;\&;Z5'9LDS,)3#%#31CU^6"[M->4.@7;,4G:@WD)+RAVB)=M1[KZCZX_T=T\P 7)\)*VK-NZQ\NT;B-* MTB;L]%(6#=3-K2?_9#?PP1H!?
K;T*)CLY:5 L3%#4P+DSc&:D/!,.C42%=Q7C ME,+Y[UX6[SI\O6(9)UP]U!F"5>!%'@Q1 SAF"$F1/%":*9*W5*;9>T?!];RFWD M;A4>?. ,09-.O2.QS\UU!*)"T:+
[K^O/EP8B5@>HCMSXY]P[W0M3_8RL_@Z7F M"4<=H+X)-AW^QN2LI863^$"*6 ;]A/@015$&8S=*(664ID&8>]D3GS\M:8Y0 M#VPO20 9@#4Q].BLL47SW,MN[EN'W7S%:%-
Z:?\&29^AW_TN_B.%2S+FT5,<8QRV-Y6Y7->"W/KH!0#^#/(RNKL@=Z',)*380-<4!/B[6#LM9B"GWJ@-MIZ//FO.P3Y)E=);U(917F$-]DM3C,Z1//ZX9 V%/PBBMVRKR>IV'3=*(Q8E/
M(.VP U'LIC!+H_>#6D88AI$B=(DXEW+%$$ M9Q-TV9RG#]KW45+D)^96>:6F @:HB(3%O19L8-N"[6*3G]&K04+(3FR8W MC'5X4X4_<:L_R_'Y=<"OX$>]$52,O MH(QA!AWB,
(B0VVIHB'P:.0[W4]]*$*6DB2;BV'?H#2)_4?3A M)=DIZ=2;9Y*BES_DC\ "!3 <[D6HUNDWV))0YPT"]+'B("]@^]=$A&U M,_QO^HW],5&9?59$3?
I,N^N@A91XC]9PU4'22A7(HY/(4Y3 D//P6&2QDZ:.MTD4CYKO+*1%)N$I*9 -=6DC:@?1@-<0!;!*/N(/WF'?Z7$V3R/)43I-8X)2: M)EDC '8P &L4P!8'-V M&C&
C/MD_`T#O]8H,3A%DF80AIS-PEYU(78Q3'T?(HR'% GID]12 T<+-LH MG7K1,35/SZ4(I5ZD<9Q@H,D@U&:!1#Y M#H)QZOHP\<,(.X[H9ZT41I@":/EL/M)G=8, ^*-#03$5P)0FVUG-
T'[HKM9D)0/I[]M1+FK@MBH)8I06Q -7O&2_8C%TIGEI M=<]2S(%K$T._/I15(YHW?!?/K]Z+H(041)\.9O2!W,-3$H0$^R.,QDI X
M^U!^+Q9!1.,LY+9.%HM1'HF;PM0GE)L^7N0A+W(C)M5] MX#0(VY>U @ZD"% -?JK84LPOJ+N,*?:#<#>KE;,RK?GZ#6LU6(N?:@K5 >?D MU-)Y_%#3-AM88,L4DPE3IR@QEBMU
&#F-*E3!!YF2)U\4K.W=):QMO7@)O?J M"W>01 PA+U9Y<7_SQ/K1$8N8)LQC;@:1%W-+A(HVGRR-8$8Q(B!1'P&$JAA45>"@GNG8XHR;26Z8,LB(%&FT;P8+DR[Q%X4)TK29&
M\Z_4R3?5O5H>\+P-K949P4]++$6H,B>\Q"+/*Z0B)>P(Y]JB>Y'W*<\@ M=E2>GWUSU?>O"QP%OM.F'&G/A/YVIGGP21TD[:8#?$VR [/WK3LW'. 8*]>X+UR2?(OFL?%
M\GQRU81P@E*#X^C'*=,,@'\XW'S3KT^2LC/Z^O13&B,Z5DOF.FG@7E;57?58 M-$I3Y(^,;5F0!% @H$)W]IGX73MA'4M/@QPA?U]>SJ=
<3:.FB38Z6'Z7G&\\QBA).Z,PQI_4,U$WG5_?O6S^^E\Y-X0K\O#RB3USND5+/8^Y-$R" M:!(OI1 %80@Q]2+H,I2Y)!59^4K5P')@+4OLMOTPV.!NS,//E[\I]2%49*.< MM6J>16JB?
0YWE U-8-6(-F;&20&27V^+0L7QC[P!9"P0_ MZ'5=?:JZ3N2%9N*&J#D@ F44H@HF[B^&'H)TCIZGH2HFT;*&'H)TCIZGH2HFT;*&'H)TCIZGH2HFT;*

*UP_;W9'B=9&$;1SC5,7(DH4(!S)'E&<$)7'B)QF7@G)CN(L! M.A.[C);RMR'MM,2]CK@Y"L:0IH9=@4/Y8:9O*3H()\-_"O(C*%U9T//,!!N*

M'TC#Y/$+SLKU+5ERY1;NR!]_7ZX?'LJ5#A74'_0WF2DODC#?)P+Y"5%G7))E MB&HH*S^0/*-YEOD)7IS,HC<[$ %Y.?J-Y^UQ_(0C\PL$\H?WN^9&K+A7B17I MYL-

*]^_ZK5XOU>M4>;RZ;#0C]"H!3YA1*G6;L0,NN]_>-LM5NY&GM[!'MW=#5 M\KYAU/'ASE)-+@IE4!,F/TQ9*JGW$&2[EFTX\D'HAOK5EX*+/_Y;O"[R2,9^_M0D.4$!XA+'B,.:!*

*ULUK2A.>QGU("'T2.*3@G1$O8:]!\A'@CO9B6'1=(_M:Q5PF MJ$6[<$>;."(-.XQ9G+BS,"G086YQZ\M!K^2_&B5BZKUP_/5:4+[H|J MX?V.B#S+41SG.<)9SA%E-$$"SE.0QI*(*

*J((>&)C7*_U'O+B&T)_(@*#6. M"10#W/?[='+E=5S,5/UN)KSSVO<1LF]4^6ZFC/-U[X;O6Z+HBKH6XN>V@;QF MU;)));[;CN)A/)4XS@1+).,*1ILBCST>S.\$#!0R?A7@5ATZ+-A'RR)R-*

7K% TJ;5!'>/]W\M?]>3E3\4-,\L<+0'5YFZ>$P3UY.[E\7] ME:=8:*=W?RB+>LGU9$+@1//SVA@W6G>@-GL] ZF0,0VDM5^;OGYI><=6#XJ MXLFL\O$W[*

*[#;=6=@!EH0f;'41*GN89C:5 ?AX%"'LJHCR(0D1IE*81I4&0 M2,@QN)?*U.GKMM!O2]024:9?068GWH0%!N:QP1'*#C[B#$CDYM:3Z/5#:58.RCF*

*M\8%V^&$[L_R\!+$C!ECIMOJG':JH/1!Z(\ DH"O*4(''Q8AC@$,0D%CA/4QfD M($33,W0F-LTMU;TR7"LPAG-J,C-/!\+#+I&;K"\)CDCER$C/49G53$=$/3;4 ML<O]-H!VQA:8.>'!W_^=\Q-*

[+TK=!3T\?=+T:${!]?2 M?]-S@.OE6GP7U\S!-OS)OYI9Y/">O@70QU^^7#5WQ^U M7RFW14S7)7(?RGKM[,'H+E:92X^.@!)V9TU>H+_^<=AV&QT;0OYOC^(U6I3 M9!_EA)&

*<"Y1AF2'LZSHBSB3*_!B3V^8X8X>/W+3YT#:2O;&HJVO0,'VAAV MCY?+"$QX0,2S*-KKD^*"BKV#Y68NU^L3Y;16K_Z1X**YL;PRM-<>7?* M,,'?*

5\'1R46J<11RV/$P.QQQD9[.@X/+%K. J5.V6U;ZA_"ZA>[ND)!D)GY M.D@$68 P35-$HSQ$RA5)EA-"@B T!JD[2V9B9[.CZXD-80' VWGM#'L7=S+# MW,>>N%N:-L!TY^4&P-*

*(YD=\,E*Y/#XX0Z4;E&L2C,__V?&ATHQ(<8-&-/VUI_MSM"XO)637GRD:?(6GS0=2_5ZX=2G2F2!/ND!CE,&)AUW56D;>HIRFWRY;TBV!U=7.TU&SW-/TB[%_*MG'G"LI5O WC?-*

I'((,MS/\]08&&]COXR0#0-P:JXY4H79R=U>0)@1F3,>8#EU5'1;KI9ZV,.N)(?2@/HDP AS%JAS)L.(AF& DDBF M69PF$>6@EEH"[^.;!F)IKJ 1/.50!@ M1G3>P "DB). ?.VG=_X*M;M1*]?R]f^2B'+5=-]7^XAQ4LL'664'Y>KY]7@ MFV'K"S\4H8]3@>G+.F0HO(H8RDL4H24G"!QYSWVX8]AX[H4AX4*

M\DWV?.SJKBY6U[$'NWQ!>+;]PW+|>ET)TN2#918GF!,B)^]F(=P@HA&U.]D MF(4RS46>&*?5]Q>>V.5H4IZF!4R1'\@^G@NWE0CF% R% >6U^SBW2F ?++#1; MIKJ/_?*

V4=.]_M\2_V4V3[>!UMMM,3%F6)M)'61!$" =ACG)&U'[.\H"+;S MV'R)\Z2F-I<.^VFU8P"X5P]HR6PS=B,[S+!#V:.[A7TVPC8X+YPKIYCRA>8%N M1@4^P;D9?\.R95=*P=;+%[%NI'?*

DCV]DW2!N%!,*ZK/CSH^XXOQ:=*T1\.\ M>V;!* MI2!5]PJFKCS6K<+>\T3+X/;1*^-])J-5-ZV4-L^>N7=CN@;WJ\L!<]33;.S)OX_/%"COICKY\18NJODW__MRD?1_OU+H4?=:.N>KH8*

*_/-=KQ4MU7==BO?'3KRK.DF'$0H(BEB0(Y[%.9&^& MTH"%<1;R..1&T8\U!Q.fQ8!]BDH#=U3B113/AJ<(>WT.NJ-9M 3S8MNNIQ\V-M_/Q%^3-OPU*#$^YMF+KR&K:\!{:,.&>*R7_ #-*

:\|G%]Q=F6)DRD85L)XB7(& MJQNM%IZO\/$2N0]{B]:R,*==\GN^I:\ZG31;56]T$P=B N^K MA&& .9!D$@P4;=8$B#BY5&BJ92^4&=8WZQR$DYZZKQS62#6G>]>6G[]=F*$*

MOL)9EI]Y35RA?:RCDIXY5CQ3=SVE;2'GAKNQ7@A:U?6F2X MNXIOKB05?:U7%_S\]F9C0-$13%><&*_V_'A; MQYI\:RYUH8!&0*@\:08%U-@*T"5H15H:XYE=EJ>,&/!Y?*

WPE^VRV!VD!.Z M_9\I#U2)[P!EM;X3U:,&_N^P 1992GC&0XPRZ@N%$8^RC+"$4Y4F4Y#C',8FV M@\#,TI5&=(U,XW#V%\R,W.X':,7F "F:?].@M=SS ,HYFZC1++KI3D97WV)#7

MP6S'@-=P@#0+WA<#%8&3A"'"1'>4#S6C.FOH#J>$XRP=[^<("YR_%T_.Z_EF\ MB%70=67&+.6A4!Z"1)F/U1C9O>.\(99NR:ZF:K>TM6#.AKYQYMV[>N5SXOHNDZYA]+,;U">?

*% EL7+ M*W;V'<T'SK\-$#93/LO[7CZ_BH(!/)+]7PUJ9RS#V,=4HC3.$X1)P% F:(ZD ME)F.(A"G^2NTTU<%FIFZ2[7 /!72C8#-W51,1S8_*

M2FY6PS<5_MCZC=^S!%W4&>%ZF_FB/(L#BE$B,ETNG(0H#Q*UAV=88)PF09K'.MBW6Y)BLS>S]8'63<6QK&/^4[_8]W2<:2AC(0RO! %V:F:RTA,$';D-E6$#G$

*M^^OCWQ4XW\':\R+]!8EU GO7^]'"%K,.W\@.I'SZORM]K8'G:T!+3_,)VO:3J M[*OI>@WA26K43"1TW6K.1^IM&D\A#[.ACKTCL6MG2&6TUWYH] @7AK)Z.80*

*M=P]5^7S_\'GY(A8H2&+*4=^%%.$,6&(]@513FA$.*<^C9GQ3=[%[$P<+VXQ MSECY^+A<;_.@5'A/#<99)717H$ZN*N.1RYJI'>A5XYZIWV/LK5M&],_D@.NJ MRS^2P<7?*

K]>20(X-@=]>+5?<< ZJ=7<53?<>EI-F/5.7^#B<%,!VUTFSO,=8)>, MSM0V>/%X.97Y+B.=:>3@@M+=]I;AE$8;_O$8;7@<^_M/:,'U!TC?:]SF36GK]46V[VW3+MW*U*

M^EQ6>M5%R"3)610@P?7X)4IR1"+UEP33# <\8'YJM.V]4_DFWDE0=,8 WUQ/>&Q8@_/_G"NY$Y6C[!VX]YKUJZ\,GC6GLQ> M(I2]TCA=6(WE2RMX%?>1G1O\'I=R;=O*

>X=R;\N3/C.V43 M>$QM .?T6?_WO!6,!B*$(>F+$.$$@E=[N'5"W;_L_,_> M4O-$U">L;Z/BT_]B%]ENFV[ZAG&%?HHS*B@2B90(IV&$\CC.4$B3%+L^S(" M=?*

L.$9N\OF_3=08%]QG4D%F8Y4INF WM-=I--J8,(J&CS7^0C*PIL8G0QJNB MT3N6;?NBKH6X>=+(.\OB_F?==[%MKMC4WWQ\%OIT_%G:!:9$CPIT8:0]+QOOQ@?=UFI?B,

M_Z(.@162K,J08GTCOXE:5.KDN @%QD&$!?(EX0C'.4%9DE.4Y@&E-&;$9\"P M=HSDQ#N=HNL];@A#H!M1=9G&N"Z5 (UT.H7GE;%EOR5H!'E2NEM6' 9\)[

MZRSL'24X<_!KJH#3$-CX3=O))AKQIX?GU>Z$>.CD$NV7"]"&D1A MQ!*4R(CKNH$$D41P%&99RL-$QE2"0M]QDA.[@#V"'"F\I0D?(C2K-S!&X507T MKKZE[6TW^!_V%=/1=X 2 -!?

6V;BW48(SSW8S5<#!(#?C-ZU36T<8!!O/LU2[MA&H^R,%)@G*JW #Y4?DH=#C"-@@QC&D=!@.-.-\|@=*.5UGIC1#_^P<^.S.)M6U M)0C.- THS#C5:=.:\5H!9EH5GH@J;7-*

>XB.Z270.TYLYVC8O=D^XR>,G.OF^J M>U(L_Z<%B"]+NEMP>7O)5/!;]5O95!C=R,_+@A1,A1G:0D9H,.P36M/]_/?9 MN_(.&.S;]GJ M <.\OK]O<)^O'!>PV6>]2TP==]_?

*5\U.O8,MAXY%ZY=!V"\Y%/KF:7H'INUX M\'KTX5T_ZMM*EU/4!H6^0*1;_]HSSU<;%.YTV-KPXW!S_/1_UZ_7OU>]ON;_MK+L684,S!'EU8O/KBK*;PA'UX^/_?*

*8!))R3=!SX+A05F*X>)Z7#)N@1H:R. MJF^]V8QI0)A]{QIZS#(N/;AV.2I2TM> ^VAMJ_.(.S781"A8D.6:(<2P1#K{S*

*MT9P)E/F!.J,2/\IY!$E&01F8V$:W99"D*X/D'0LMWO*SKK649>65VTO)E>8; M>'@%.]TP\)0E\ 8__C.]J2|=,/.5&#)MKIP%;=#R<\;HELJYR0:MUW'A;/: M(#S&"=()B) .:.:991*

F7>88H]M-,VONDN0"-N^.+]{(46]N#;^-9 M]H<^?.)D3(&,'>K@0!>QI3F54SB#ANO8]F>&QC44==B2+X6YW:SZ5:QU#^YM-M5;XLN>

*_OOZ]H\O171!E)92SUF*FV83TP.1.$H23R4^F+ M1)(XA, GE),&F34<6'T2C+=&_[4L:);-^2]L^0!/?S-5K9G!3Z.PE_0 MNFKZZ&_W=/6#9L1,%G_QMKQXU^:-LQFF!E2*

N^EIHH3G'I<&5$C/?#3H"O < M0'/2_+7@U>KU?B^_8)Z0.[O Q!O^K[K[??6J?\|LN:Y&/-RCV<$G(@,L^V& MI-B 3E M.64("Q@/ XEHB&)DCPE09!0T|&#!RM/G03?T/(I,?/9@X?*

2#YO813(!SO[N3%P!]XD!N.Z@2N/PPV)$1P0;!1,Z],Q]$R CW\\ ?8_" M=]O/Q5H=PK^)^Z6^N"[67\FC6- \5O\O]$[RO7$F2(1JE ?IP%>> 3FB?$*

M=./M(S#U+5A#TMO1]#11\WVX5R?CV_&EDL<"E!(T.X\)(G5)MV[X&Q[!9 X M^UOVX',6IT;^S[OR:UG@XM,'<=N;U9U%YR>27/[Z<;[MJOYW@!GRN2S71;D&%'H,.\;@;.F**G*

M4.7,%%#U1K73T^58,L.X/?~85U_0_[VW;P0Q'BQB8VYH>_M,^"U"@_*!Y] MPUF,YJHQ2PD!U0HT*A]6R 2(^L,2.I-9'.,W.],H;HD?@<NF+!H9^D>06UK]*

MTITY9[7CV6UIDI!%YGLRJSG(?(ODPACD,,<^P1%OL^P'_(D"T%7P"9$)_8) M^RPTA=%DCS,.(1BIT,PGN%8.S"WL4[_RMO0.]5R:J ?L%2#R.G(.1B1G\0T0 M)1RI!+]"

*[MCV4S03H;PVB\+*XOQ65+*M'HF3;X6U^^N-)-/.XEX_JD1OY7?UI M+?7U:UG0 I[]M:>N'*GH.3+=B2T/WU??C//9"D5S+VT MT."P1V##VL M.[+N_95G-*

*=$>D8[MK,\1RZI6#1FJ!!%O7P1++>[:Y(2R_MNDC%[O=.(M 4;?;-O'5X%+10@'<6@P0%*XR#R*<|PY(/&DLW*_<2Q4,=5-PB)O7KK'9_>O?*GW@\K*

*MJ=6!V9AYOZ^9NWFW7PWFT%I,ZP,YO Y)\H>?]9>Z\G;?=",2MR=3*LSS0IW47PX\:CET5EFP,OGJ9+!E=ZT3IA&6.(E0*AE!.*,^RG(9 MH2B3(0LY#0,03-GA^E-;)0;ZM[IH%7@]-*

*D1M9G%3 Z5 3/6 3U,< UF**;K M0;,CU.:=,VLF^LF866#XD.033L2&&;/YP?%AS,-B@\GL>4A2F\^*#X$THRB-*8)PF'.$.'Z#BKA M@1^E,LD#HU#;BOI\0?:6<'$_WK]-*

^^WE@?@I1%,N4"?X%IEME["1EOV;@(B MM6O'843[;5P)1"UGG0MH$9BI[:OUXKNXUT0_)5SB0.A H98A\Q*,+0SI.4Q$;E.8-4)G8?^P2![FO)8.<-

NP9G(P+L:D+3& MYFXDS9!9]P7V3%K[V\Z>Q6R-O-N8!GH\ R8'@#{(JK7&_FI:C)VN_$Y M/R|\+\64M'L>:\DV7F;(4H:6NDV&*?EF(\KE>=;A>QX,I]T9V$!L=K4&3<7 KD.*

QSI4E13Q2-\P M^CA%N:04!6]SB6A$69#RJB,J,Y3)>7M|=*"4]Q6RT>BK.3 7?]"JG\)8,F MF6[-(ECG&H.YCD/R[4B+5GUM49(WR50WD-"N*C6-.;Y;J@E1PTFM)NAEVW[& M:|*

*[5KZ>-+>LU62^V?=.'DHM%RD@N8TP0S1A%*EY-4<;#!%&>\'3,*Y42IK MF,S$;J}K^^LHZWMC3=M3Q#U-'=KDV^NH81?@3GR8S=M*;M'Y,"38!?*

V/OQ!\.>54$'$X],J?!7BNZA>EDR5\L M_T?P6U$M2_52^%5HJ0]-L7G6(19,&-),KU%4?VV1\SMQ_-K6Z3_KF)B=HD[JH-],2 M=-W"]1_+VK1PI^?

5R0]E6XK>1Z$6>%P673Y"'_?'_B_(.;.5/04<9=+'B!/"PB#R$Y^_AN.T)NZ]D51 M1]JE>QOZWHX!NZ[*,06:A?0.U0(SRT8C=[8:@8]Y-Y/3U53W$6KS#G$W$_UD*

M9KOA:Y9EKL>%=#^^WJF5FKB,D33+@XPCZ2?Z=B$*41V1BDB<*4VG&8U"4/_2 M *V)S;ZGFE-3'HOEP!HSW5'>H#9N:4*X#6#MX*\YJF<=H#1O++>NXR"=UK ;O MV!KTXV-9-$

Q;4L$EP')(JCG,I(0RTDRHI%A@CG)/=Q)G-AA&%XCL#$IGM3 M<77\JEZ]6A_5ZROO__'.TU?_%WM/I&H'>/QO+[A2?Z+_USWED>?U0UGI4[OZ MCTE\E2=QDU@$GP5J?>*

*[QY9U_=REG,KG=.:U\)9M! 6OO^OG^N5Y[T96G?W@]LIF^(W9L /=%(P4;.I;NU0+<03<;.?YACX,K'5ULF'#5!FHEM*M]UHCF MO)LO1 TG.S+H94M/(.KU4B[5YQ3UC?*

*PHGLIZN>ZZJ4@]9J3*IM$,(YQRJ2+W MI#EU$ZS#=QK\XO7SM*\'YGN4=>*7M[2!/F% 58:>P(C"@/9_)'M'=HHFTG'Q M7%GZ *5Y[7M\MB#IR@]68_&%#= M].@W\^5T+6]9>;?*

K=VKM[4#NB'LF\F_TC>$'6+V(>CUPY'3X/89=R6R? N9D M9OT*CF>*7ZQ.]PMR>ZJS?:-?K)C#;.+%/L,NROJ[D=QG|W3W2'<.,W^^?- MDWZP_EOSDU.*

<;N$32_U'G_X0%5O6^M[C>M,;*585\|NB7K+V=! F@<:GYLB/ M]?T_4\N65+>>>V/$(K(]\ MLZ]O%A'^*,ZI?>[KH,!U/P%&7[W>')D6[!D>TE=/UD?;-

*OY6KTLTWDV/>TLZW_EPGI9]OSM#,.V@;[7TIZG75C*BK M&S0[%=X5G42?RTJ*Y?I9>9,_"ST_0HFG8DAR+WH U63J.YKD$F&J:X!R$;$L MPKJ<+DFB3! >8U -*

*P/L0;_)TJ++5E>#_Y5 ?U#QIJ_?/5ZN5CKPD)G3?S<00WI3[H9A[!HDVW.YOMB>JU2*MK)>QN2[Z3]K;2.QU(D%+O@^ M/^,;[\=NA?IS;,Z3?$AG,_4TW-*

*EMVU_%6M$;R[=@PSS@"04Y1%)U3Z;9RCWH'4$146?6),<2^Z F?C@+<+[P. MRE7Y> ^WIWZ0G-YQX9,N*80O)!6HVV[*F51YL>]&PV(WN-MSHO>0'S9 ZL__% MV_+D[9B:L,;!7B>.?*

*+4%]/Z57L%'?O "U:"WU[\H_I4\"XW>)P+_/!2\7]4 MQQE#V.6%[?ISW%V(@IMFR3_H#+OZQR;'OG9W66&M_Q6[BCDT;W%5,9G2'=]- M7*H^JZL):Z*SW4Q+33X?0-*

F"FSBI<[\!N2\0D9RD6%,4\"1$. HFH3R/$9$HD,/L6 MG]H4"YZ8Q=RI $ MK1/13S2>P<_\]/.$.O> ,_X@^&N-UX@,%G+AA$OY\=NE7?H_NQ MF;,M(QPG M$08^0'L9]A&0?

*4]\%SZOMI3>P1[L&*V'Y:F31ALL6 ^C.J,\SBNU&$ M?6]]MV=CFIGTPV*ZG$9_AM+|<^B'1>Z=0#_RBN5LQB>A@X3B_F>AOOK/2T*7 M*W4V:(=MK;]O.$-N9)<.*

{;M;7<.YU"-6UWI%UVIM^KU(F'11EA,5OLLT5;$ M9RJ&9R%! 8_"((W2*,J,8@'7C$WL-;9L>@V:?5JZ6TZMN(M_ZRMMRJP_?6WZ] M#;SN6O4^%VA+;N UX;'#V*YMO*

*Y^)Z%B1KL8=NF)KWDF& MCI5Y,J30[?IO4^FYE]+)5%6GV\M*_\>%+O/?CPT$L9TUW1$42YBBH3 4;ALVI?>I>NK/A;E,0,&\YYHE/9!@KGBJ0//2PLH[_?;YI|KV/:? M9=@ZJ7[?*

NMABF,D_1_&$D:)=ERV.4+/S|1JZKUKJ(LC^)LG^/^T.FSD3&174 M1P$37,)^2C#48XX)B$-TH1F&;@P_Q)FYBAZ&O^M1R]=9'>S=ST7-H$IA+M*

*M%0EVI'XTX,A=7L3*K$[1A=*.79^3->T-L1:H*()G*;T@Z-,PAB5R99B^~>8US2,P3\QQ\V,Y OQ2LTNFECZ+|^Y?BFC$|-MC]%69XX&WM97NR+3T,*

^%9SA)/51KC9)E.L$\]0/.&_/LHQ8DWRPTUIZDE M!/2<7V96:Q3+<"I=T/:.^V%#_"^Z(&^KE\LO81MV5A61W8!3F]6S<6_]C>.MS5IT<2&WP4LX,3/?

*28)RM(0*X,7VN!C@N(@30.2!RP4H(/ ?C)SG-"?R)+K M#CV//+8_]67!5L^\+4!=/PCO<3=#6-_)E-M,G%5C(*LNY[X4P(3L&^$C@4=ON$Y>=H2(;2%/JJOZUJLZZ^*[_;"*

M:"'R()!AFB";j;_@0!EW%OH1HC$1843#0/T/-$OT#&)+?N;D,\%;T9%=7AC M]957;*D#)X6>4Y:9[;I0 "G<0ZK^30E/+$%;V;^ M-!"R3Y4^@*Y?*

FPM1C;'U<UPP^X=6Q05K3/A$]X;)KDSQ&Y#LC.#=L.4 M<8K;#7S?(A^5%_?@G6A8HSZ^PO[4&^_]$T#@3/O3OT';%'Z;G?=IZYEV\;G MM==-PO7T; 1 5'!.%09!@0,M & "8P4X;B0?

$]4N.#BWZ'RQP8A8!Z'!V+/O M#1YOKW+N"'"SHF] E1^K/Y1%@[WQ3%9Z,E^]"/+(ST/,$1=PF3%H,V%/?7S4JK M5QW$_ZWEYY?V@A:AT7'0VP3W& @B@2

*M.OOG(R)BC+*8$O(^(=^IU_QNIM"^\1Q"P7;&IL%(7X0LER#_@2X9CE M2.WZ/LJ".$K2)(^DC"#;?[OL+%L^;4C!=OE..K.=`2X+,+4^+ !X_S[DU|&>*

MW2TZZSY],CQWGST7VW!3.OUC?RI+'FMK*N[QJB_ERN^R'.<)Y3Z'!4R1#C$ M#-$HXX@SGV54))D0$0S,]!RIR<_(=5-[78D740P,M8 JR/!JVHG8T$-O*W%# MM=D)-*

W0]3=@E>.F8<,[2AF]=$5@4_#2T3?>V_55$T+57XI;42U+O@A$ MED<. BT/$G4T3C"*,4 ^RM4.&@:YWF>P7HIVV(=8F%%[9F;8%,W;#8=F?6[MF<5T]!'?*

^N|(_L.\UVNA5]D\F!FXCTY_AMJ?_[S|BYPCMO]-[FCZ/9\UR]G MZ-OM1MOA1VU8VB5L'^4WQ3>BG=WD*91% L_1DFJ-A2,TPCE>H)1 M+-&6^F*7W;M@.]%;%F#;1(@79LY_RDU*

M'"/B.X5==5U(&\5Q3Z/Q;_AI(%]H[>IE?+Z>7-14IQY%/!Y&?UC;;.?9Q MUNO8^;I-& ^1=>L%)X*<\"A$C@51>BB8H"_,8 MY;'(U<=*,,]PHF@*_,F=N;,RY\#*

*(R/+6R$IX,#8X@R)QF(\"J-C.,3G6F)5, MVQ"@\UEW7'@;-JZ\AI&K=N3UJ+ ?@@NOR,/!" \]^^!*38ZUBL8(F"H .O MO:NTO2;@+!&%]3.,0B69 NKQ^?`MQ5WYMV6Y.LZN-*

*_*OY;/XH+O,]m>?R>_7CVO3FWHNA,[O8X=;\;/Q1413P4'M6Y9T.*69\CJN/,66.M(T6#'F5_M@:0[_=2*!)[U)M$AZ ;?5AE6%_A@8K/=-MW]NJ8?_ZWGH-N\C]KV+%/\]?R/JY6]Y?*

*O^O38N/$M@?*A3JV10$C/@H2KMMJ M,HXR+/#%*0I)G3(:)I*'1C*,4I[[.5`]4B[5S[D]K'4 -,'085QM9IV7 MW,9'0=?>CN*5IWE!ZQ)MN+G;2[NY"RB,)7845XS3FS6\,!;_,HP?]$65KZY*

*MV]_V#=R*2!,5(U%2W=#5\IZT0TN>A,:$;I$=;!WNI]:>UU /DR^+G[4S2.)%< M^!H$ZB,4)15A0=<; +%1'LE30. %6)P![&,N^*M8=2\)HU5Y+TQZOWH[9*V_# M[@8DOSFB?*

*8X0&!;K\$,.^,"W^3PP9S?WE$ OG>M1&GC8!\6IXV_LH%6>_ OSP579[W>[&02$1_SP$>"!`"?]X"+3]) ME'XYR6..@S@CX-SW_$_609\2'6 Q*XCA=BD=UO2,V5Y#>1TF>L=(C=_QM=*

M^_Z\K\E[\.SO7<6OJTKW;R^+)HS033NF=[>ER6]V7]3Q_,O% M4L+L\;XBS03!_2)(8Z%!N=1!P;P2IOTKSI85'11H/_4Y_*!E;+PB=7TC_T[T M=UO?5-*

*\T2L*G/I3%EK6XK98]5M_\OJK[KW6PPP+S*?%C%*:BIJ92!&A1(7. M*I06@HE<^!04-=MP,:')\LCK _IO'>TK[TDSLYN\XVIPCMUG, S!IU8N,#7 M[&BE=C35S]5KB.K40]?*

*RAJN]9^KM0R[#]TOTXBJPM^)AWI#_$C6=' 8N6LQ)-MX; ZA.R%(SV5@.H!%;14!X6!NYQ?0D(YT0$(L 4 M-&G/*7=3WT:?5LWJX_4>PV>]:/53^UQORFJMD[ANOZF9'WVS+P6*

[GZ+CW1I MU;,,94Y3$GTA.V]9+^U&K2/%UZ(6 +M",6#.!Q"L^'F=5-_^?%9:%B&N]_+ M12Q\DD8!0Y%DRGWGOD1Y)E,48!'Z/" A20(^P;2G[A:]YIR"D3C >K/S%5.*

*M]!68.VP9T=/NC^9#;;FYTJ5 5#2 75H?BR"'6CYTJ7-$'.(2G/D0DIVH3 M***+96 .AU6\7!S-KMN4<-^]7>56M7RHJ>7/5X0'4|D0FU"#.&1U/IIS:]G9X MU_L]'>.*

{8Q=IBY>L:==L4DAOH;4#!MY >\8^W%('K>_6+5<.V<_\]"'T.5F M<<:6,FZ$6S=6Q.EP-.+R0FWGG(+I1W%)O\)Y6YRI%RKGZE M]0?UCS?57?E[L8CC- N%3%!

*(F8]P'&&4"Q:@@&8!%Y1&461I'SI 8^KKE8:] MUY%5Fl;^MU(=OA1I,R;GV!^H>=*QA; MR'RCE^U]9> =XI5X)>B*?ILB@-Z?ZG/-MBFULTO+H;7@$(EM=_F';XI-*

YU>TT1+GJ5'RUU?&D6";N-.4,>IRAN;%@G*F MP!.4)WC-R,YQ$D.TL5*VCQG73;P$8NN::=+,N;G7CV,'JFE$17#T7I#$KM!]S8C. MB_X+4L0).C#L;3NG\56LOQ3*8L3/95TO>!Z+-*

$I#E$:!.O5@SA 5,4,LB%(] M2R.04D# .0Y6!D .!Z'HN6LR2P3OM0_CB1OD^0DDGP,<+JD(31KJ6"..2P04TO^ ^D}^XEVOU]62/J^,:^$K%N+!2$ M;15ZKV"_-/AVK.ZH5ZQCKU-

*_T.VE>--G,+:8:[_6-;F)>/[;TUL*3VEU\+_M4B]^(."PR5PF&\Q>^BK$?],D'4W)Z)?#LB#\8*D9"\'{1#@L >]| FX'MRI/_M1V=A0U,X>7%B:U QH?=2'W0C|!*Q5U[#BJEUG(H];B*

720RSD1YAISBN#TIE M93&GJ\UF-&<%V;>;\P^]-VC\SV4EQ5%U5M@]2S.)(E]B=) !7PXCA*4!3E'-M@9_PG N1)+D-0NB,(A@9S,40HQ^TO:P$_R]/;AAXC[+YIQ_8, OYSK{7.P?/*

MWPKU\)+// LMWCV$_BGG_R8H^F<_R7Q ^N=9@s=^VXEGQ.R?|:<_V.K,\;V3U M;G28\]KFOU\4=7<&F),)7GOJ.^6!NG^+]FN5YWP/B:O>?F/-+"YG\3 M3V6U\>6WYYB

:,%=LO3H>E&BO)ZN@UX+<;%&QO2KV MP^8+5H$[HH\OGJN!O^4VQ9>#K6O_Y[_4WN6*;^MUZI4DKQV@S MS]4]J8E=U\?ERY*+@C>=KVU\)XE4&D;1;F>+*Q.Z-.6B7+U[*

M5I?+VI85?EZNQ-?GQB IC7"4I"F;2P1#@A#-" !PDF;Y7$69G$;PNH)=XO/ M4TBHZ7DM06CYX)X>AAW3I=(!(RUSP2S*!$\EN* ^<&^QF0L#3\4XK0CL><82 M+(74#QK#3/U-*

*N_<7LFI0S?0]"XX)26+L(9DGCC A!-%VA*A(LB3*D(% KJ: M/4]B@/2?5^OO//T/>[3'+FN@&C/+>KG1 SPK%4 AR 9ER AVZPS;@:M;]ZW?;0*;+=T MJQVI-*

LO+M01KKS2?>;"MTF"9^=HIS64Z:,$O'81AOUGQ6V[+%O_?;E^^/!< MK\M4>TNQ6.2Y$&4"B1#$2&<4]U>%"0H#G#*,IP2FAKY/BCAB9U@QT8S">;^ M6&]fL,*,'U>@67*

SA5I@/G&C$?T#]C8|>+\K)KP-%Q-U.4)E=PO7/D[V+<=#8 MC95Q!FK=_'UXRN!CMYM\?M;,K'16ZK/ZDWJ1TSQ/4LZ0Y"1!. @B=?#1Q0I1 M2)(DXU%.C: @!VA,G6KMJ'HMV3;CUA

V3R2=N;W?V#IVEI-X7AB7!83Z:IY0NEM\HQ MPP6W;TSO$^SRUO2#5=^F.,U/L+/MZ;T/VVT-?Q?ZG"CXI8NHR'V7Z>[:/.N;

*MYW6)H6NRDBX7#VKQW;5TPW^XG8GX53FD588^%8ZV;[=_SZQ+F1C;|>1V#W7U5,QNLX=';8{Q^M?A=LN5]VM]U3A 9N%>8HDG#$U*R!AUM%'LB/=0>Z%9RGC!">2IP*

*(IQ)N!Q:1?0<*PW9M'Q[%6* M:;_]YUI7KC'%$"P6FN)3F05&;_P!@%YIJ_L-NY[F5^M<\W!U4F^@Q[%NN.P> MT64)1W]X^$8[8.]9QUD=)')9.!R:,]"'4594W X.\@UH8]/XZ\I24U[F-5#*

*M!-C/%\4$28I#&:!87B7O\U>-=F> M+OL7LT0Y:T:B;"'>D[$ZI"Y)EA"9QIMP35A&GRS#*9:1.E5D>!PE+TD!C3YN# M %YVE!(H@X4!&;;^"#&/;6/!-.:0.3.J'LEHC%94^>LOB172-*

84!PL[,-'- M3M0'($$9\<9IAGT2@,,/VKQLL^KWD\PMZM?J\/Z#RZ@OD MZ#2O+7LZWM\K=YIYNM>@EN8<]-7/R/N;^36H,*OQ7\,KVCFV0Y'AXV6X.8-*

*MZIG=P8*0,,"1GRG_%63*G;$$T21)44JC- C4_Q(>0=P9E(&)G=CVK+U)3E0; M%KR5YL'3!P.8EP.KV.RW3.DXF$<[\60G"8LM. ^T3WMV0$L'^RU83CKP6F/RL MOLI6.*

*<<>RGH=^RKM%B7H4\$_DK58)!FG,@TDXE'L(^R'N8JC H$BCD/"\YBE M00ZMT3Z@.'65SJ9DN27J*J>)@NOSS[4R_C=|<72PMP!6%"KRNQ>82ZJRSY<-MMG9;[U@^*

*_E26OOXKUC?PF:E&]B'J12^83 M*AD2:9X@'-N!2!3Q.83=^QQ;&

*<-7,B_04^;(0Y7-]%#4_EL\#([@!6AD/`IPH M!.8!7.H'% V,RFH5#)Q?=;988%2P_5!@_.%+!SUUQNU.:5HL.!SZ<9CFB"U M%YQ+??O)?$0#F88X3A,_-KJWL.9@8J-7/Y-LFFO/G0[=WG]:.6;:>XLFJ[lP M-/^EZ(DZ9KX=W=%_E]>D)^JQO2\|7V#_<-M?KKQ-E3;$6P7A0%G-# > UPN/,P%7"8W;&#\H&A4^/[EYQO=/R@2 ?SXX>? MM*T@5K]T4:],M-ZM;2]DPGA$LA3E:N-&& <2T51$*,=")OG&HULI 9_1S=*8V MR0U5;]F0A98*]ZO&;(]V(# T%|?)VE+?RLREOH.BGI;W M#C]N,>RM9Y#"=L?M!BYT@T3^1_!%'F=Q$&0"R41BA$60(R)RZ4BHP2'24AA MI?XP\E-OKY5X6.H#I=IDE \2E:Z;[4G(};IOF "..AH/IU\SRI|.S"'TCU(Y MB.R/AM$,Z0\|^5)\Y*#:YFS<&(SSM_SDHQ)S/I[%:Q:"W@_[PKFV!#3TPT[2C8 M?VEBQ[";_ZY/FONQIR$FV:F4XT&VM8 P&SXOF[,YD&>EL6L5.%AIO@Z!/@$. M&@-Z'[#;E=5.]*0"\$]_Z(\AK@O>W BWT#\?GM7&5*P72*)EH47;*INB#M8RX)&&'=@6;*),LWW7 ML8] A^!,.QWU1CEMQ=LM?5E6;6>^6EG/0%W*)6M+Q+8AV$=1LVK9%'TM(NX'C.8A"C&-$2:1CY1% MYRC-.<+]D'/L&\%9V#(PL6T'P#>U\[*--WAIU,2S!.R6B^`MD.9^X'L#A&0]PHN&NM?.Q050F-.0L!:D!P^<<<$YG8IVR!979TO98P'$/G1#_# M#L25U#G82&P%9;..8DN@M,Y671V1)US8O6!ZIQ]UMX$_]G4]E?^>]U^X6) MS/<#B2-$:(9U6RY&>2XS%*5A&N*$BBP##QD^HC&7 6J)6MO?L7+,S>\"D2VM MSUA:*^,[(\|%MG>\YNRF=T:H/LL|ZA='+Y%SFX)XNI8OLEI+T7]BR"Z])3? M*"/7*2==\E;PKV51;?Y5H^C7=_I4L @9]^,\%DCF"4.8A@)E84Q1F/M!+@G/-M:4 @ ;HSSB8V\AT O+]>Z:@WZ:A]=KS?&E[.1Z(3?QVS>/]-=]S,H[4#0[\ MG:O&T8G `5^S'A6 ,S!UF]3UD#]_ (7\L^RVMP8?BPU\N?"E]+W M99"@5*3*66*6H\P/E,_D8<)P*I*(&F4D!ZE,[/@VQ+S?6G*&OFU8,<-^RIFX M,)5]FQ6S&29,A%] 7VW(ZMYUK&%Y\%C,W$FICLF8/6|\)/#!^K\A:M/<-.M.FM4B0>A#B\OHJT=^KFL&UC,2S.&,2*YGZ'43X(XSFGJ MP]*.0/K3WR!LN-G<).ISXZT4*^ K!9!^C6\:IM(:^)BJ[#Y=@& E:[TS_M! M<_.7+12H8LGH82-+MQ=6H"HSWV78;..GBL.JV5L)T!WMYWM^4W%&M_79/U<M+QBC/D^D0((E!&&I*X#],%+^1WD>(9+E<'N'^^;4O@-WH'F6^.DZ:B=^%" H#E 9)\-TH.],]++\6M2XNJ+^_L_UNMO*3+M?>]Z=V/QO]>E$-WMN MZR%J[[NH7!9,J"-J#6E[!1-\V+Q=R PSXS%Q'6$]FB\+9-;WV+3A?R^N . <- MKT//7;!- -T+8@PH JM?KHD%W>]{?!L/NE)7G&,@W%2I@?QD :(APTCD{DQD MY(LT-#KUFA*8V;DM\@6U:?/1)_0W>"M4@/A> _=0D_?L#/UHPET+S7@C&XC'>@\S1U^LL07.([!.$<<$V7U_U1QB.&M4C\C,4[3+,BBA5]DE]9V#ZC(.85[+HPMHJ%BC[$++4R;+TDRPG"&&,4&8)#G*.M:)"C-(JRD*9Y*D4,<:&3J?"!^.;)H,U^TU:>'/#JGBLT\&2*@[GCDW&B+2/Z MI-BRXNWQR5C2\VTJ?%LK^N_O^S=NQXK6\F!^8C)0S M?H!RK1>8CS!1B6.04:C05@.,<M!5E*],ISR7+5>4D^M^C8\,@697.SC94* M5MLE<%/IZ*Y5#9C#>)O*[48R3:YZ MV&PF)HH;'--T&87Y)C8YT<3!\"8W*]K>E]=K%5.H$+4),'XMENOZV_=?NSR6 MY#*D25(G58YPI0*/S\H^M^C MZ++#2S(Z>SE0!\^B#6ICDAMU 3&<7[4.T9KYO-Q#[]-K=Y"5;%$M6:33:CZ+[M^Y>BH?%0KM0:=3O!Y5NY6GTN*SW29>%G8>"'&I,GBC-E[R1'Q(R%!,2Q3Q/ M2!R"4E1 ^A/[@@TWW@\;?O[B+0MOGZ7_V$QH^DVSY75\ =N!H%HW!9K$]_"/:\7KZ(#RK@N2^K5PB@ M7N_+$_N1+4UO0Q0 J-ZF)!849^*]-38+U!:.PR2OTK$Q9+A1H/VH%AF%I(+0=I.70 MPO.A7!J(=P!X.?*\-2]U'H;(=,;G2W%;E>H07V_*K5F42E\=G5&88X$PIT.4 M!5&.HC@.?/1)_0W>"M<[2)@.Z0H<^3FAL'>E3H'M3G\7O%0D*S7BV*^X^B8 ^/ MI/K7!!8Z*)*KF8J]-.8=GC@DYLF4Q,&'+:W0=DQO-XQ8'5.E6*YUG*7\0X-9 MMPACDVEH^\Q/==R)?A_R983P=]@#/W=S-T-F_T&=Y]M/QV>/P>XTUXTK#^#@;(MC^OUK4?%/#W#XYQ@*/ZYB9^/?##4A9>OJN8^Y&.H[*HKG^E&U__QWYHP.F5WNZ MD,OU<1-AEHI(\@ %F;Z_B'"L#EEI@(2/<\:C(.[E_]2:U;.V# /1/\B8SL(=4>6@(ET"G0H6.'(D6!)*FU*70?U_)+1R'"++.EQ+\@^O4=TD7SOGD&V M(#/&LK16;M!7*)>[OX>F3=TR8VNS"SD^:%OA'.H=DW(80H')=\#E=5CJTY7* M_@$&3]W@GA=M2_3 DZ]D.F,D89/F?,KNDJ.'2TYU'WD]'.MO?8]X'PN1QS0E MJ!1<;C<92Q"7^T\D"D9KF=7%?F"43+<5@7>*8!/W(2/+NPZX@O;9 M'CD.,WR/U"L-QD9)YY,GZZ?D7[VR*&KW0KOSY>D&G0DFI5D1%W6"_=$[C94 M=W1.8T1YR4A4B8Q$!D)YH:[3EM5%][=L'7^OH0-M0-^,<4H,W/H#;@9Z#ZPY MQU9M>$=U>\RCQR@(KC\%DR56:+W2.&R#.LGAI*EEW.,G373WKU\XTXJN]S@2 MHLAQAOR*G MYG50B7TIZ^YK6]ME5ZG02,K.V_-"P^*{X"T&J2892D7]^G$?X\L\A[H"[_^O _^X^^>4;S!?CV?3>*_M*5MLE<%/IZ*Y5#9C#>)O*[48R3:YZ MV&PF)HH;'--T&87Y)C8YT<3!\"8W*]K>E]=K%5.H$+4),'XMENOZV_=?NSR6 MY#*D25(G58YPI0*/S\H^M^C MZ++#2S(Z>SE0!\^B#6ICDAMU 3&<7[4.T9KYO-Q#[]-K=Y"5;%$M6:33:CZ+[M^Y>BH?%0KM0:=3O!Y5NY6GTN*SW29>%G8>"'&I,GBC-E[R1'Q(R%!,2Q3Q/ M2!R"4E1 ^A/[@@TWW@\;?O[B+0MOGZ7_V$QH^DVSY75\ =N!H%HW!9K$]_"/:\7KZ(#RK@N2^K5PB@ M7N_+$_N1+4UO0Q0 J-ZF)!849^*]-38+U!:.PR2OTK$Q9+A1H/VH%AF%I(+0=I.70 MPO.A7!J(=P!X.?*\-2]U'H;(=,;G2W%;E>H07V_*K5F42E\=G5&88X$PIT.4 M!5&.HC@.?/1)_0W>"M<[2)@.Z0H<^3FAL'>E3H'M3G\7O%0D*S7BV*^X^B8 ^/ MI/K7!!8Z*)*KF8J]-.8=GC@DYLF4Q,&'+:W0=DQO-XQ8'5.E6*YUG*7\0X-9 MMPACDVEH^\Q/==R)?A_R983P=]@#/W=S-T-F_T&=Y]M/QV>/P>XTUXTK#^#@;(MC^OUK4?%/#W#XYQ@*/ZYB9^/?##4A9>OJN8^Y&.H[*HKG^E&U__QWYHP.F5WNZ MD,OU<1-AEHI(\@ %F;Z_B'"L#EEI@(2/<\:C(.[E_]2:U;.V# /1/\B8SL(=4>6@(ET"G0H6.'(D6!)*FU*70?U_)+1R'"++.EQ+\@^O4=TD7SOGD&V M(#/&LK16;M!7*)>[OX>F3=TR8VNS"SD^:%OA'.H=DW(80H')=\#E=5CJTY7* M_@$&3]W@GA=M2_3 DZ]D.F,D89/F?,KNDJ.'2TYU'WD]'.MO?8]X'PN1QS0E MJ!1<;C<92Q"7^T\D"D9KF=7%?F"43+<5@7>*8!/W(2/+NPZX@O;9 M'CD.,WR/U"L-QD9)YY,GZZ?D7[VR*&KW0KOSY>D&G0DFI5D1%W6"_=$[C94 M=W1.8T1YR4A4B8Q$!D)YH:[3EM5%][=L'7^OH0-M0-^,<4H,W/H#;@9Z#ZPY MQU9M>$=U>\RCQR@(KC\%DR56:+W2.&R#.LGAI*EEW.,G373WKU\XTXJN]S@2 MHLAQAOR*G MYG50B7TIZ^YK6]ME5ZG02,K.V_-"P^*{X"T&J2892D7]^G$?X\L\A[H"[_^O _^X^^>4;S!?CV?3>*_M*5MLE<%/IZ*Y5#9C#>)O*[48R3:YZ MV&PF)HH;'--T&87Y)C8YT<3!\"8W*]K>E]=K%5.H$+4),'XMENOZV_=?NSR6 MY#*D25(G58YPI0*/S\H^M^C MZ++#2S(Z>SE0!\^B#6ICDAMU 3&<7[4.T9KYO-Q#[]-K=Y"5;%$M6:33:CZ+[M^Y>BH?%0KM0:=3O!Y5NY6GTN*SW29>%G8>"'&I,GBC-E[R1'Q(R%!,2Q3Q/ M2!R"4E1 ^A/[@@TWW@\;?O[B+0MOGZ7_V$QH^DVSY75\ =N!H%HW!9K$]_"/:\7KZ(#RK@N2^K5PB@ M7N_+$_N1+4UO0Q0 J-ZF)!849^*]-38+U!::PR2OTK$Q9+A1H/VH%AF%I(+0=I.70 MPO.A7!J(=P!X.?*\-2]U'H;(=,;G2W%;E>H07V_*K5F42E\=G5&88X$PIT.4 M!5&.HC@.?/1)_0W>"M<[2)@.Z0H<^3FAL'>E3H'M3G\7O%0D*S7BV*^X^B8 ^/ MI/K7!!8Z*)*KF8J]-.8=GC@DYLF4Q,&'+:W0=DQO-XQ8'5.E6*YUG*7\0X-9 MMPACDVEH^\Q/==R)?A_R983P=]@#/W=S-T-F_T&=YJM/QV>/P>XTUXTK#^#@;(MC^OUK4?%/#W#XYQ@*/ZYB9^/?##4A9>OJN8^Y&.H[*HKG^E&U__QWYHP.F5WNZ MD,OU<1-AEHI(\@ %F;Z_B'"L#EEI@(2/<\:C(.[E_]2:U;.V# /1/\B8SL(=4>6@(ET"G0H6.'(D6!)*FU*70?U_)+1R'"++.EQ+\@^O4=TD7SOGD&V M(#/&LK16;M!7*)>[OX>F3=TR8VNS"SD^:%OA'.H=DW(80H')=\#E=5CJTY7* M_@$&3]W@GA=M2_3 DZ]D.F,D89/F?,KNDJ.'2TYU'WD]'.MO?8]X'PN1QS0E MJ!1<;C<92Q"7^T\D"D9KF=7%?F"43+<5@7>*8!/W(2/+NPZX@O;9 M'CD.,WR/U"L-QD9)YY,GZZ?D7[VR*&KW0KOSY>D&G0DFI5D1%W6"_=$[C94 M=W1.8T1YR4A4B8Q$!D)YH:[3EM5%][=L'7^OH0-M0-^,<4H,W/H#;@9Z#ZPY MQU9M>$=U>\RCQR@(KC\%DR56:+W2.&R#.LGAI*EEW.,G373WKU\XTXJN]S@2 MHLAQAOR*G MYG50B7TIZ^YK6]ME5ZG02,K.V_-"P^*{X"T&J2892D7]^G$?X\L\A[H"[_^O _^X^^>4;S!?CV?3>*_M*5MLE<%/IZ*Y5#9C#>)O*[48R3:YZ MV&PF)HH;'--T&87Y)C8YT<3!\"8W*]K>E]=K%5.H$+4),'XMENOZV_=?NSR6 MY#*D25(G58YPI0*/S\H^M^C MZ++#2S(Z>SE0!\^B#6ICDAMU 3&<7[4.T9KYO-Q#[]-K=Y"5;%$M6:33:CZ+[M^Y>BH?%0KM0:=3O!Y5NY6GTN*SW29>%G8>"'&I,GBC-E[R1'Q(R%!,2Q3Q/ M2!R"4E1 ^A/[@@TWW@\;?O[B+0MOGZ7_V$QH^DVSY75\ =N!H%HW!9K$]_"/:\7KZ(#RK@N2^K5PB@ M7N_+$_N1+4UO0Q0 J-ZF)!849^*]-38+U!:.

M"H[HI%2B8'F0M7>S)\AL;4/;4^7/!G'[R;\%%TLEK-SF-]C:.,[%Z$$\$3% M4N1H@B0N.T8<|0 0N$N!]A6B9TAJ#%+[JOXNI"KJ84!8+>;+T6_^?_F&WX6 MW6*CWGCE=2(JT%*;0]&]LR@9$Z)/+ GN]%;U9OCX&PC"/UVCY^$W#WMWIN(N M5D&P \/B@S^'DWR+A_6ZH4%Z'@ (''Z9/)S**^EI5DEHK2C\Y89VSKQ&$DD2+*$0O"(HE# (Q5C,;C ;1=U/X MRR$##XYX5OH_06E'XJS7M5&CJA&>$\]+8)23<##UU94?T?$4KJ T]*?S5#@JO MOO/WK/!JA-9"D''7#WH_GI*!)9PO1I'%"&BN2%3E+,V;3()2&(M9HI/P4B=? M>_33X0L>_?F&#F(_03?-HU2+*L:0]6$&+<&-&(T0;-M$S.]!\S9#7H:BU#WU/ES4-I7-A{G?_2MVF^[9IDWW 5=E=G'Y]3#W2=V%M-MB"]]40;K5Y>UGR^NC2.!8L'1QQZ@1E.M6^3-=*E_X12Q8C0.?+NBS^>|85 MRB@C3ABP(AI/6>T.&$_1\P/UY-\%-;OTY-|))0/G6:Y:COT=9J=S__5L'/ND M2RUDE(WJKBS9E-88&H(K-P('.'4IYYD\RZ,$#%[67$F_L]K'"AHQ M<']7A77 XH-D5(9 !->YW!^AQ'$C";=<,RDM4VRK8H3G$/,8 <.E:2HI=E9; MRD.&[^7^QOQR!!__0/SKZ>S; MK^LGKJ"Q_L,U;]!?-R ,ZBAM=I &&]l#*YIY!'EJ?$>*!+1QU>!A(,4%E: M*21OI9.SSW;3^>^?ATO8!,/S'278@.Q;?1AY#6X@;BG?0D"6D8 M!T/DT_O7F_1R3@$$1)*# M@-)LG1%O=&F/D"#G) (T*=PYD'\G)/_3T87HX|Z#P*N)K(+7Z2&!TG394648: MG2(9A"\>+0 GO1.K/7K' $*F(PT+W"U3WV>3H+JA9"':]: ;_ I7E973+D?S MQWAYMCG.6E5>C]>G9<88_I> ^^.^C$'W4 HIOI$N0!9O8YC6A 4V+"|2Y5+MT M: \RF\OE|(F3>ZV7^U?:#W0 \,'/RX"M|HI_WM/|2O)_S3Y0Z3U%: 1+"--MDZ.EV(.%UL]4[TATSK7_UKN)5X!+Y"/-NYMXTWNA97G]H(:% M7\;G^)63_!E_NLCX]O%Z,-\(5ZZEX!.)"0RNWL!)\-&3K"/33',5[_I?]:1T M$.4_T%'!+DA\Q$(>4\T-;.97*=$R0&QY>=W':)46C<9DA9L-1CZ:2'"!6(,Q M4);66$J=C{GV.(DG"6H$BD=$R-UZ]6KJ;-@!W=C87+B7.DN-QBVP9>2#5>CE MA,P\5=\E"JEWK\B APY*MHJGM:7> '3^*$[0=%,O*(V/-*E(A(@EI%[A MOS;:$E MA,)*)4YG,=BTA|A',H<0/>]1?#6]W?<)>AE-M 5'7%^,O+JX__ M,88Y$G5V^1YWIU7_!<6]*XYZXKA'5S8H1JPSR)]S&;C7(O':-_BVHZP1/\X7-M-H^!MYX.6T+FS:WM/G^;ZY1*6<6-+YWE-S*GNU)-E%|($*QVAM^]8E((H-L0 MV A.*R+D,1!65U=+6'PW_7JQ7'028^OKM|8 ,R93HG/&;<=X3KR4B0@=2\L: M&X7N#7GWR6D$9_5!\!C<#M1(H^#BFR;#-AMC5221E>XE,DCBG:<8G M[CXYPUZ%&Q9<^VBD 7"]\HLS=&G:,R4W_LU/KBN@2A 6K2:&:Y10,F7F3|:$ M^<1_^V3HW3S>X7;T759:UUZ M8-RCDB@EH1BPX-U2D2F!*C:N#R$WH&[6E?"S+W"GR.IL &P_C:,PN5O?OX/ M6+Z]F*8-%]3(: &]^)G.A819=;4T M *Y7,%^.\QB_!HN3_!J^SA;CJQF=CCE%)919G]UX$DJL=9)0BY&1#:"$J>W< M/4'.T)4W \&LEH(:P-K;\=1/X]A/KN_K$9G&89;BZ2ETSG*%$ 2QB'KJ!F/U9W"0!?LWG W'$9VV;)W45@# MV+MQ"G0CR_5V#O]] =-XV;UK<,P*5=]HRG($Q)Z)=PZDI/R@E/(*=?N!K,% M6<.6*C:RM5?67DN ?(BAS?B^!%-$R!"?!E:9H$EQEA25L=@K";/=4-O=;! M]AVR&CEF]P6%+S[)<]ES6Y'C("F0F!+N6CP9]-21Q2!B M8KC4;12U=_NMB6O$#!0%N=)<]ZJS09@^A\IP25]FO_EEZ9)P>=TMX;H$@C)E MT0AHPCUZ5BBJ3+RG@E#N,X^:6^UJ=\5XEJ@?_W"[#BSK;]\!.*XD^M'ZXDD(M*APC(4) =TLZ$I(2N,*B\3G0R&SMLYU'B?GQL^YUX%=`6_O#;K;TDV/73=6N ME#I";=1@U5!26 I<,2* &70>+>)\.$>(4Y9)!B<49^2#XPI7%VL]A2%1TAIQ%T[%_MW M[4P-P3=;G?GYXBO:CK)0_>1&/K\KB2T/_QS/(%U,8);?3;_AMV.SRP-LT %O MJV.A:K%;R7Z=S$_]=/S/[M6O9M/%;#).?CW1X^,-+F^W++#[L@R*6L#\ M&RQ&PCL:(6?"5$8'U(,AUO)$N.]_Q\9E[7W@<.>I&M9.'A]S|PUJ5;TU$#A< MYG?Y_-TAV6E)(68_!{DD*W1? (@2DV-)\P%9H)A<\69 T;V38$QDJ:.PF,R,7(;[MA]W3T!=?>S%[2=UY-.P8N"/0_;1K*O:U_!L4PU%&%-_B$V;Q\X? (N^H4*F1G@1$.I:W'2 MD*|4*=ZJ=3*;XC;S9EX|\7#YM9Z14D=L3;@W+PO P+/9I/T[OSK?/9M%7ZL M65$L4 7(&?85%I?:*]MAP8@U37,_\VC M0*E=7[J[NCN']'$#X0KWEI.AD3<3X*HJ2C.8J0Z%T7N[\P M_WT;, ^.:S2KMIYJ6P?;W^6RQ&"6; MQ'AQ?C'Q2TBO 8F(XTY/<^'D"ZP.(%^>S^7)],/$H M\R,5 D-;K8G)I[3412#\I8(T)$Y'0ROWMZQ%NV-)BCJP'40!=\,+<"]K0; M4)>^|&ZNSI&@ENBOAA M+WM*.4EN-OT..ECGOO.,!EC:=9;^N2!C-2HR$CSEF.7H'ETOG'D)"I$X*B ML.|.*OTY+FEL8_Q'2@5>@[T-73_%Y8P= M<'?7=E;7W4|0[H-^S?P"4IF$-UW PDJ3E[AZ=3&?=WO659GL-6](.R!>*N"EH8^"48N9A6"2LI6)KI=D? #V[_S9R@*Y@=C M?:JF@5S45>ER=[ZY64&7&V[92HR=T2)((D4R$V03!)'9:2"JFRK3QQ\FJ*? MH1SH$%-745_-H^]*=#?$^;$T?BU7Q8IWM!CC8GP_7BQ'6B>3A"U'5R69469@ M!!C6O1/O#F71%/.T&U)^4V .H[F\6+M=O_N)-B>*)&(E<. M,D:11B=B++;K//??19=Q-H'8&8%<;?X8RN0.]S/\T^L-F5Z]#W4X;'V;3.$P] MX/G7'SOVWU$@307[G<K+3 :2C4+L>D.)=SP20Y4%SE-.LOKUKR&#_6U=?%3G M9GE+&W,469"@=.GKG#)QHAM"Z5A(0F6VY87_G5[!.\3YNX!KQAL3P4UX#-T MYN+SQ33-++V^8BFOL0I:!>]D V0\.F^^.&+>J3*8$GP40JA8NRGV##G BA0TZJ$TXB,B='/*.2=D31.*N(20@('$Q,5[52P|"AA.GXM'Q_M(5YGS=?7\3H$T@EK_.OM+Z]1.!UWT7KZ#OO%&N-%LLW:>)++)-ZK%>1)"%Y MQO\3M:;Z|>|=*#RX8&#QMKVAYQ\3T7--+!??X)8=)-^C;9-'6),S^YO_1?7K[" M]=>T-K\|R>5*V>8;]:OOMERBFX(NLN/(I%1?1$:^D)YSEE+(+68I0&8TUZ!X6 MLE6!=&\L|\Y&U^N,@>FC$?(%X-IU-9J>7[\>Q7-Y[*[#A MPPGJ,T<^@HP!'Q4PM83>P43[N>+R_M*ABP@9N@,R-6BR[SB"VBG_P7^/DH*0FY].N)0>*ZRD:3D%4FVFH?A,@T\M'2 <3 MW6I,L2>,JG/#*NGTAP+Q'^/EV7AZ,H6.S0P&91D88292@KM)"X)2JPQ6G,% MF;O:)RU[DMJJ33TV8/?7WP|%TW?3SU"^TW%15>+".&10E*%^VCKBJ4^$ 97 M0D>UFYTL!^EPY[6M/;2O:7W@V'TR|EXOF)2\5 8LK3RHB@TSXR4;BF3>[M*L^.K%V=OA>AP|Y%PFA^^GN!P/HVIG%?'G6<8D<*66T(<@KJ(uC/XH%T1K M!X92:FCU\2O[43IL|ZN6(+JG]GX%>T49!(V<4HM^+KH45M@J_B#'&PD?_3BMCHV^G,$'C %7)YS.@0D*/6DN+)$&76P7DXA) M.T#:S6%E4Y>/3%LNO"<161")TU\L)R$* (,37G)F:M<;/4A(^R>]!9"SC^R; M_T"_*N<<60")A/,.:#1#YL2&DI-QQ@$()M".!HJA'6O1!ST2K0>C/34PM"_U MN51-^WE:CQG]HYP&3I>7(^2=0PZ: '6*2*L=L0EY<,KS+)27*F!79_'(" [:" MAOG1H%%-I,VVP^ZZU54Y!?_D274.O+/D4O0(4ABLRK9)5?* M C,0*0%\5-S[6+LGZ&T*#A^IB?8,NF>^AD6GI:BZZBM%S MAV8S6.O*R$]!"-.41)Z5#8E:NUW=/#[U!D;P3]? XN/7"H9%027VS0V79 @ V MM8.\3&4.AAB%/.O$(PE>>*(\TAM4TE%=0 8EG&P@,>.K#2IU'9K(\ MAE:|_WZ#<&^BH5118KPK5ZY"*2K2D1@=D7FG@UAJN)OOG28?TUQ>\MOP92 M#P_O=|>1$Y=>A@2"Z"[6-IRSFY+GS7E73199^"U>U@!0[+ A5N5_8, ^]- , MK&[W15_5VF[^5$+VD1)14>L94=UDOA@=<=0JXH3"R!P7C&;5SPZWHJQ%)W1/ M,#P(M*J::0!OM_GY \:G9TM(+[JA3T\?8(^-0":;(0K":$YE!'0@+G-*>$XI M@/8BUA_4MR:-+1JZ.ACL55NMH[%<2Q99H|KBW,>B%*^7;7 MQ6G(F1CFF6)>"R-J5TGL2N/ A|M#H? %0;36> ,.U#F78,M\|-TL^O_*[\X>SN9 M_7FCZ?_!&>+!?>H?>?>]Y*9I.R=-*M^NV9<)83$;E2G^H';P<)^*H5VYO;7|M)W:6<#-.M[8L?_65?!58"%$9(WA"IRR5>YC/:T]*?K-P+"M8EEFO?E'B8D|$]KIZ@LI>@ M&X#+I[(3G^3?%] =RY\$-,932.^F:|['LY*X>3N;/S)Z:Y1$]MYQ393(K)S; MXQX=M2,YV*!9Q!TZ5.\:LS^Y0SM7U8!W+)4U[E.],#V=PRFZC&\OEA=SN+4* M#W.BMGEX39=I9V;Z<9!\EE1RL$3($N"CHJDQ%DR(8.2]6D'Z.',RQ7Z M-P)I"%=$H8%7(W"24MD5K[.O<@$3*L,RLPRK]Y)?\]IFW*X=D"--JFR\A36 MP$Z[%>O+[HBEB]_PN0;_#.;+L\6(Z1%08]!?@B<-;2D4E)XRK[!)0$5GM-M"XK[TMJ4<][<[+ J5U@\$K++@OOPY&V7IH[;4$]"L'+\|4_T$&1PPWFO/@M4NU MFQOL2&)3;MXQ(+B/GXTV"&48(0>,X!EC"C'*'XM1TG@TA&:9%(855FJ:X<;M.Q.Y< G)0.C;63T_&/Y*F[@1=S%A _$" (&A$Y.1A++(F#*0570LT=KG![O2 M.' 9RC#HVUDY0Y<0/,G3"3 !=IV&C()3$GB/2XLS[B4 MZ4YL\DAUP>[O'K@FY7!,'4/F/Y |&]DL$@|9DI05)[+,.'.*&)*B08UPAK> MSYWTYVD;N,CE^/9K)V54;_8$\A^GZ;U02ZD-|\C?O7%>?G3*<@/R7)&HA0& M_W4AB*.<$B,M^JLF)&9KGSW1>A6\+,._ORJ[*D!@_=8BMM0%W4TEF0J,I&V M3*W-GA$=.#<@C; (/O9YTI'7;BX'X /-40=;.G"9_/4)SOIN76R?@;?)SXZ>>+ M\W_OYSE&[<4/L'$XX)9SCY]_OU%Q&\B_P><,AS^TCJG#Y69KW0J<=VE]"2_ MFIV7BR0WZ2C'\HN.\E#ZZ6WVT^NIKC)1A+0E6CI/L ^46"<5L1%$Z66EA;V= MI#J,XD--X69P\TGNWO&RO,.F%2[*I>WI;FCXR\OK[ZSI>/&GGZ?5]6KGD[>4 M>6*T _1';":>QT2@W/Y\CUIB%M9W#:L0/>R9R1,S>-<_#]+\!%V!%.7ZYJR5C M20C+/(*=-)0=SA-O[^<6HBH=YU/QM;%[BX!A\3<0"&:U--(G/87W#7;TU0V MT0 _^'- :-.:G.497)H0%*K5*2D5@?&/$J1\D<6"9JEU_TP<>PX#X 5G=MY= Z M;@#GGP WG7'$7>GSE^YAPWU]5)62#*]YK1HPO38]M%,2] MS/__]]ZMN6U<2;_O?\$N+R)O&R5D]ASO)6)78XG6LO+EQMGD.3'1+RQ.?7 M+T#)LB53%"^@ -EY225QTD1_7S?0:#0:@ 8TPKKK,26F2Y.FC]HNG80;H<*[MN3]F;_]6Y!? -99S3OQ9JZWV>JRE@T=!SL:@KW3XIS6^OBBP[*TK[IV\0XNMW M5 /@^8'N!AZK"<93NPF&PP 'Q/<1-WW1X6#*,;X>&+9:4TXSJPD=LV^]Q;.^ M$^7U'5GA1!O5/:HU5_!0BV:J!5&B0LP8 Q5JZA8&'0(*$@G"D,D0=H]E@3. ^ M-52Y(_6M>8W;E O..FFC?7"AZ6?]O29E[;@C_];_E;G^:.H#MZ$7Q6$7]T#YQ@9\,]$"\],&^N M7_'K(XA(%7E2I*1DL@G42Q"$+%(S5$$*8224 _)@DFB0\CXV\,'E]NT75 M\]T9IUG;1_#'[;@]0CX/81@ #&,JGQ*'@&".0(0EI]!@-(;'LRZ.V2',5F+ ^ MT7UQBI]5-W"&>YOQ8W""KO5 3SW_1=ZM)6OX@V4*\)CJ((E)0E4T(0( ]<-V M6-^B0J$*+CP. RQ,]T]Q#((CW6U:3J@Z8(X?(^VZ%[Z;F&'/#W$, DIT::ON M%88A!C*(@R1B,J1)KW:Z1^;,"1YJL= <%Q')P$!EGQA\OVIH>/>2$6'GF8D'I"_MIX2.5<#F81!4#\!HVS[1Z')X&!RA_[*OZA9H(Y!?E#19WW0Q?Z 6(^#0 7 MSX]*$!|*QL;A+X?[/OQ M ,#E3_2Q/6?E@KFM.=WO2=8I2(7R]H|H,:0H/II M&88CW8^"Z0)A08#$01)(/$H\:/H>H!N:\VFZ_$-- ;-9\KOV_P&[*<_W2.(' M' B,$P C"0"'GE31E/0E)@1#WW0W/Q?T/M+T_(?R_9FL^- CS^RMT3CA/]6](M]G*C\N6:I(>\ '&, ..4+X\>:1)1]4<>>",J(<.?IMJBD)'&]V;SKT;-Y5W MO6J^.N'<]0S,YR)O0%N03#\&4]T@EG@"RQ"PB# ;93H(E0$ BJ9E(I52(@K M?C8' $>:6S? O& =;%>>V4E=;* KBB$,. M8LF\"NN1FK<\H<)ZAF*/A8G:FF4% I<241,]2L6=X.K7<[VOB M_F\'S2N5<1!5(H$?ZQY4L0*3AAX#"B=0Q)Q'L>_,+8). 38ZZ$[@:0.S:=43%@ M& !$=F906-59XHPE3W9/.0"LFI6M.%\X%@:J.91IA[V/03+,.5<" *LVR9 M\SG+"-@IX1/MQ$ZKZ]%X%\6*B"\798E-*I7S0]7^!(^%"5+%18W4.(PIE@" M"GD*=4$@P"SP@!=Z"1;2\8@; !Q(Y>)1'6A0WH|W/2_0[N.GUIG# ^Y0YJ@-0] MS"$(D7[.DQ(?H"#V04"X8 &2DL6F8\P9U#C2XR9WUX"HO) ^G.;M.L@2Z6,. M!, +1-0OX1) C67<#^(4> 1%/C.7(. <%#2YETQVUV&FFY/ST MYX/0K1RO"_U7]W57=]9|+#BA)(F Q(&7#&%@*>P281BB@8"03VF3-53 -U MLQN>'?$> ?1,C>5>7]H<$*(]<,>[/]89>3&@B< QI[.8!!Y /"D(IQ M>>0!QGP14& MA;[T W?NV]3[=TDU6:Q<#L..%+=FG M*YY9E.]>;'M)H3,PY&@@!&L@ ABW20=4A!%,$P\$@OD^L M6\\[<*/[$]". ^Z,W08 3Q",,/"$54 BK/0?5#28\ [$$OD2*,7'.ST=[K4 M73<(C/4=T97E;T1AI_]@"[R&ZES?3+N'KX;MX<)\;&/E>7$2+!E%!,.D)=$ M(S[YT?|C0BWA@NCC)\NUA8\]_2QBA,!0^D+&$!*? IWX!#14+A=SJ7 T_A2N MJ<$?J1WA(3;I9HZV0K\#H=%RY.H?G_QJOOAA3CBD1]X%C%=30$&0*M&&A+?4\N'8=0=&(#E))@=(RA,,>* .8T'ID7MG"]7R7OQI=#[^:N,8H$%4L$+ MX$Z 7.&*$ET9!9&'".-$A*.M<@X]![KW!+,R5GACB&,'|/Q4Q9C%DQ#-#>'? MQ?+=.,2^$"44*4Z)<-'4H>*J-PBQ1#MC: MZ/WCUW5VO"D)QE+0!{&&%$U?:5>0P$(8/,XS'1H3/O *U';3F= |D0P<&#N M7;!Vf;A7XF%1LCNB*TN*VY+>FT(T8>C$#@C*[5DM%I()!))%/H28>%'DS+VR-@6.!!35D -8,X4C MRO^NNS2VHZ73Y'EE-CD\|).SMZ<T1%WEX4;R>! MDDH:XM!T;M25M)/Z(R+*QY2)'8Z>-2+5[R|DE6#%;:Z7MZ4W-R-=1!1A!'F MF0!A+/5I%,2 R$AAJ7;S/(B88-)X;>D)_-]LR"P?"C6U%?=]-M8ZI_ULA>7;G8Y%<\[,<1D6JG% H5P;D=.: 4$4!8$C*)0X*IZ7/SCN&XDI:V M9BS%/,RX2KS%/D)RC6L9L7TU"W^O,!@0$!H>_,+! F."3?=Z5S0'8-T1CM M_*"36 NY.-$*K2'ZE$@IA#T(@>]3H2*- MT =4[5:4EW$6^[$O.3;=!*S'L.SNT^5.HD%Z4\C#!+3&(L5,"GW?\ OEQ=>?>4DIKM.$.(AA MJ.8^(/6;HE!B!#"/*.!2Q@E+A#2_.^^L8CIETB1*]LN)/*EB1.7T3Z V^]TG@ M85U[RWBB^U53H)AA!(>RIB:?B5IQU!"#VX@B%G#*2\(/889_1NK U/I1=&F?/V2#KFZB_%E6E M4FHGS> MNA5RZP[2SS3&)X*2[VUOR[4'N:.^ MR)L*O;LB4S-)M0)\#8+O"8@|ZH.D:.Z0<+?[5\ ZODP3##&B6^ZYG+T8"UO M5TW8T?8I>1CB%C--Q2]B4,*O4!%(7X4OQ6*$+6RD#@ @B=80A_*F)F^;;0Q M +N6="2NTQM$,.F,]6LYC- HN)7/2^>UY-U,-.DAM;X(9]&09!($.$P #"*M%?3"#X#'F8!!0GAH_"4O,R.WNWF99>]S0.D1&7(3(-U$/A3*YP40O@!^892$ M $$]@')W"2.!@\#X/#EH@<';G41L6--* (A]/IKJVNX'RCXTT2A40BGZ%W&X-'(P%(E$< XYH M F <.;]*&[M*>8SH#'(&S2A@V66+XM:7SLC M6?;4])P^BN^"+1(4<^>=U08 (IXH$PQ#!B)B3[? MP"""4"0L)9M)\PZ;YLXO%6DG"FI^!NK3GRO;*"C/E/OK>I%Q2KEV[!0LA0M M\)3X6*$=$49]DM>OSC>W<+D@A/D^DMC\0^M&-7!3EYE<,NOO1V<8@=":P(DZ M?WIJ%!!]I+E(]P0GFD-IBZ1.\7W:GB^I2$D2_P8 <[':K6,?0&P0=M X2=^E,22&3\2 M[0B.B 8XEO>VSD$&2'# GOY7\X?.ZJ7@B60!AT)#X;GE0S?=1T% @!"2.*$V ML% 8/[9Y/0"[_M9;68\T Y8R<39_>OZJD- (D1) $& (^4=/O(!#],8>%Z2 M'')90BF+3F6Q38W?E"M6QQXGCC.'XG>#DOECD]0VB'@U"' 0&BNA(&0:*0%U+; M;408CW@8&[]396+@+B[G<]N<6<,? 80#V]X0;V95@_WC_//+2TH PI?MEP-+UO MSGR?#WOWYV4W+/FUT*41, YBN^U?)&]3UX0YG461H[&P[@^U]/ARV*U'5 M9:HKZYM ^X\|K:NK[W^L0D2S^G=_R^VWOB983TL? BOV0CYZ-LIFZH)L^:!C9 MX-S>,U,&+:. #7CN\[_EZ]8F ?3-/OP3B8]>4W1(-#/'N_""50J_5VO%)_?!? M1H;Y5JJ5.&PO%\_6U-L1B[\QOA$? 5=PPWQMR;2R9QS'5CL:CG:UJ3Y,E_A'\=2*A*,L:8__G%>\-$?3ED@KR_'HV>\M%HX0]8_B[Y?Q-MF9T!=XCN0USD!'':=V%@F<+VFIO>"GQ6EC@M_D&RRNW7)(4-=;)6Z'JBXX'C5 MYZRHQ<6Q'FYS>\Z<[*V1WX?Q+X1+A)63YGHK$7>\+A)APA[3SGZ6/*%R1K MZGZF$+0S8A\ METIRU[&5>U-I/2PHC:!UAC:@7G1#P-7CKTVWDPU M2# (U^#W6^3;+O;RH$Q3C9%E]MG-G\^(!,;[+-- ME7)N@]H!?2&WG8 T[9Z MJ!5=;VA^-_LN(!9X-D6R]'[@2U<7*#NCYR7V=/MJZ+C^WHZ;ZU2>TWMGGW6 MNB!Q@;+3GR6[+%- FP+|>1/4BQX&CM3?*N\#(;[]X\0NIQ1E)RQ\D6QB@ID5F M+XX<.%#;#8=ELC8]^^GW?I6-*7V^RVJOV.1I;X_H7M39/6/K\ZK17GG>94J M%*]+HF\(OXI)-D<^L3*OXS- &RO/ZG&Q1F^5>6GVC]D4U$+[(U77VJ_^9/4 MUXO\|G*^I7K!-Q%@JOC,I+_NR/Y86RDVUP"FT. M8"*[D7TN"[F^$Z>/(GO*U7_23X.|E&EV5BQR3G:E0W93*]OVRL#.H 5#4'? M8FGNX8_M!AK^I=[*D>K[HE;1_S_)*MM_8\VHYW=QX-%3WTMSC]?2)Z*[*P3 M^L+- !;;_[_-*,?"1W:NK(&C)V-'5C!^W'0H.V]^?+-MO9-)F)D(.F$^U65MY%"4:'-M2L7 \/.C%|G- LOCW-EUS19Z;6ND.L-1,= MMJ+M!\;ZNJ9'9:*&8E.2M=AU:,31HKXKE%RG|>1@<$.4M63.2%(V +#.RM4B M$[Y'(U\'#;QXJ,7TJW>[9%][PC6,ISV06":L6Y'/P5F'6&O7MX;1MA\8)R; M9EP*/%W;86 2W!!G[8+6F(FP#0B')L/K\CZOS=(ZVYPU#>9_FQ.!,N"W17JGLF-EP!QY.<'7Z\R$M35*U)=!> MW>P8IMK1<(*H+XOEP Q0M!9EKV!V##G;"#A!RZL[^- O;YM7;I<$NN3;*Y,= M0U@G-JX6RIZ638>(F3I7OI5N!QVSZ -5.~"58\BO+I0K[YUAM+&!=,]_G M'=:27W^S/13NX!:UG+O0_AY[.E=L-C>L8E*8=>><8NG5>/*)49L\:WQUXE[T M N'769XM4GZURQAUV#@TG?%-%"9(V93D=-WA3L4=6E=$;3!7T2G8V]0V-C+H M Y/M*>_.VMEXI-?E.]J8H:Y:7!8]EJ\3A\(R/\|#RDGV5*65F0J+G4*M'15/C+UW MPF.9O>_UORY+=E%>5^5I5:?WJQL&VOHB]_J M8/EL:P.@###8XE>Z6 M:NVT>2R7>P%R9P'\5M1_BO5*+4PU[NWS 6M'TP86R[VP66;X3 DM/NR$-?%Z4_=%$LH/7- 9E*P)K:=.MD.^8^V0VQ##?4!T-MD/8?:9&M7OWZ1W$Q0NN'OL[XGHC^3O,;CO_#B|8W.3%W+ 3P?-0&G\UX)ED9 M:O37Y.9/FT!=?MTQ^36,9R5<#/K]_* FKE0(TS=+Z MR4SL- NZ+]FH"#!G%,&3=V8&9#/$ZQ-HK(3"P"7.SUFL9H.%]!+;87B0ZE>O: MCY%##IP*%J-2^\$K\M4C+!;QB9E(=\)E>)#N5^AJ.H:M50)>/==|%3>=B(YRI:'EI;WB!Q>1+);L+WJ MJTXJBF&X6*;N4A0&>']18K.F9#_618?B|HM\U)"^&.%C6Y;-WE:#2-D!PJ]. MQ4.N-+_J$W_5)P[CAQ_SNFCVXU/=8U.2M3*J+N|H5=8V 5FV'I89U|@69V]9 M;X6[Z*. !,5)N;^NFO7]>Y3^(!TUM;!Y-#+*XV.E/EMV]^.KJH.SY6G>,YB_S|F[H#F0 M\\$(6[.^C3_(TYV?Z7;@+N5;BM5+7 __\6/(_2WV6SO/;DYS_D3!6]>^7##2 MT1]UP_6'\5N8 JNRK>CMU7F^&Q_V2+?U4<&GZ6)7S\5]V8-$9;RV2X+9O+ M#Z7@[9>ZU=Z5'NK':[,W8";#OV8M*#1C'J/A=6<6.:DNY$J-]E8\%H-P]8Q M^J/6KGD:GT- &@6V[C/EYX,OQYOSMNKF<^,XRWNCVNU'?EJ1IA=(.'7P_4%(M=KPYD;-=4Z2-W-<)FUVAH:MPETU[;DY'$[<'&=MCY M7-!_\GAK;&[<*=1>AY*Q4>8>>|QBKQG9JQG") (EMLNVU%$'90=8+DREZZ$:.MGU!W2K7&&3*O+H/*.MU/HNT?OU!L1422K6IN5^<>G)9*-1BAM#7%[L!/V>L3 M,I+N<5#:WC9N33,_JF81^7ZG4+HK,H7R56UJ)SGL4_9:C(S.W8V!TCG^OXGZ M/&?%O;$<>]\/V.LT8HSKW;YQ_";)/-<3'=\|!?C3N6.1L!H^X&PM],/UGR5 M_#)#>M]O].+;I>S30/" <<_*+^DZ4,_MW^S=Z4>U2XFH@>+:;|FM!%1LJO:54; M/.K>+;47G2ZEL_8"9)O MS/+Y"<;VT7VJE9P*9G5#8WUS/_SY&^>P'VR>S'I M4BJK)U@6*5U4X):0AYMUX/ZU[+K]M22I:#. (U7[<,9G5U?/O%#:+KL7B:XD M#KAL1{M;$?>4]VO56 ONEQ*0'?!8KM#K0ZHM$;&"&N3UXLOEQ)&':"%D.(W-M\]K9;T&|"'(IR],&@_4@]DA<*OQHDU+[%9B-9-L M) [T7LR[E0GH#9GM9RZO\4RYK?87(6/WQ#IF]@2XE!79 X[U"H*7VU_F2@7:. M9?:BSJ4TR!YP7'U]X9AR04@7F=4GT>QF719:R5%279<$V1S[Q*8*.SQAYEZ"O M&@8>*=C]J3? V,.+K[WJYD_H3K\3SUZ)>/%0"WZ6D5LS@!\IW6+7W-Z\;38X M[HHF7],I3;>/\5M2KH9J9KOM_Q=KI2:,\=^_W_XR^^H'^A9)*_/=__#]02P$" M^% ,4 " !WB"59(/?59H0(#G+ '@ @ $ 83,Q M,3,P,F-E(05E/AO+)%04 #D7 > M " 7$1 !A,S(Q,3,U,&-E'-D4$L! A0#% @ =X@E69XHR;>3& M(>H !4 (!Q^< & -R9&\M,C R-# X,#-?8V%L+GAM;%!+ M 0(4 Q0 ('> ()5G:V"5SAC `L1 @ 5 " 8T 0!C M954Y&U14$L! M A0#% @ =X@E6?)KK53!.@ 2AX% !4 (!0?4! &-R I9&\M,C R-# X,#-?<)E+GAM;%!+!08 "@ * +H" !=8 (! end XML 73 crdo-20240803_htm.xml IDEA: XBRL DOCUMENT 0001807794 2024-04-28 2024-08-03 0001807794 2024-08-28 0001807794 2024-08-03 0001807794 2024-04-27 0001807794 us-gaap:ProductMember 2024-04-28 2024-08-03 0001807794 us-gaap:ProductMember 2023-04-30 2023-07-29 0001807794 crdo:DistributionEngineeringServicesMember 2024-04-28 2024-08-03 0001807794 crdo:ProductEngineeringServicesMember 2023-04-30 2023-07-29 0001807794 us-gaap:LicenseMember 2024-04-28 2024-08-03 0001807794 us-gaap:LicenseMember 2023-04-30 2023-07-29 0001807794 2023-04-30 2023-07-29 0001807794 us-gaap:CommonStockMember 2024-04-27 0001807794 us-*

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Filerfalsefalsefalse166064425103900000669420002947160003430610007185900059662000315570002590700024400000215620001592100013131000542353000530265000700.000050.000051000000000100000000016596500016596500016430500016430500080008000698354000676054000-375000-519000-144885000-135345000553102000540198000644865000601932000538390003002800034860002293000238900027740005971400035095000218840001386800045200029300095000144061445100014391000553300021570008918000-1223400062200-537000-9540000-11697000-0.06-0.06-0.08-0.08165140000165140000149277000149277000-9540000-11697000144000-162000-9396000-11859000164305000800067605400-519000-135345000540198000169700035130003513000370001071000107100016640000166400003218000321800014400-9540000-939600016596500080006983540000-375000-144885000553102000148651000700045479500-191000-106976000347635000121400034400003440000110001800001800007968000796800043600043600-162000-11697000-11859000149854000700046645900-353000-11867300034744000-9540000-11697000423300029500001664000079680003218000436000-298000181000121970000-215740005352000-50490002838000-139700027900008590006470002505000578900024830003662000-1519000-1086000-850000-72360002460800058630005312000162061000592280001137160006052600042482000-66100008380002726000351300034400001071000180000160400053400010800070000369580001846200066942000108583000103900000127045000273200005243000Description of Business and Basis of Presentation Credo Technology Group Holding Ltd was formed as an exempted company under the laws of the Cayman Islands in September 2014. Credo Technology Group Holding Ltd directly owns Credo Technology Group Ltd., which owns, directly and indirectly, all of the shares of its subsidiaries in mainland China, Hong Kong, and the United States (U.S.). References to the "Company" in these notes refer to Credo Technology Group Holding Ltd and its subsidiaries on a consolidated basis, unless otherwise specified. The Company is an innovator in providing secure, high-speed connectivity solutions that deliver improved power and cost efficiency. The Company's connectivity solutions are optimized for optical and electrical Ethernet applications, including the 100G, 200G, 400G, 800G and emerging 1.6T markets. The Company's products are based on its Serializer/Deserializer (SerDes) and Digital Signal Processor (DSP) technologies. The Company's product families include integrated circuits (ICs), Active Electrical Cables (AECs) and SerDes Chiplets. The Company's intellectual property (IP) solutions consist primarily of SerDes IP licensing. Basis of Presentation The accompanying unaudited condensed consolidated financial statements are presented in accordance with generally accepted accounting principles in the United States (US GAAP) applicable to interim periods, under the rules and regulations of the U.S. Securities and Exchange Commission (the SEC). Certain information and footnote disclosures normally included in financial statements prepared in accordance with US GAAP have been condensed or omitted as permitted by the SEC. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the Company's fiscal year 2024 audited financial statements included in the Company's Annual Report on Form 10-K for the fiscal year ended April 27, 2024. The unaudited condensed consolidated financial statements include all adjustments, including normal recurring adjustments and other adjustments, that are considered necessary for fair presentation of the Company's financial position and results of operations. All inter-company accounts and transactions have been eliminated. Operating results for the periods presented herein are not necessarily indicative of the results that may be expected for the entire year. The Company's fiscal year is a 52- or 53-week period ending on the Saturday closest to April 30. Its fiscal year ending May 3, 2025 (fiscal year 2025) is a 53-week fiscal year. The first quarter of fiscal year 2025 ended on August 3, 2024, the second quarter ends on November 2, 2024, and the third quarter ends on February 1, 2025. Basis of Presentation The accompanying unaudited condensed consolidated financial statements are presented in accordance with generally accepted accounting principles in the United States (US GAAP) applicable to interim periods, under the rules and regulations of the U.S. Securities and Exchange Commission (the SEC). Certain information and footnote disclosures normally included in financial statements prepared in accordance with US GAAP have been condensed or omitted as permitted by the SEC. These unaudited condensed consolidated financial statements and related notes should be read in conjunction with the Company's fiscal year 2024 audited financial statements included in the Company's Annual Report on Form 10-K for the fiscal year ended April 27, 2024. The unaudited condensed consolidated financial statements include all adjustments, including normal recurring adjustments and other adjustments, that are considered necessary for fair presentation of the Company's financial position and results of operations. All inter-company accounts and transactions have been eliminated. Operating results for the periods presented herein are not necessarily indicative of the results that may be expected for the entire year.Significant Accounting Policies The Company believes that other than the accounting policies as described below, there have been no significant changes to the items disclosed in Note 2, "Significant Accounting Policies," included in the Company's Annual Report on Form 10-K for the fiscal year ended April 27, 2024. Use of Estimates The preparation of these condensed consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the Company's condensed consolidated financial statements and accompanying notes. The Company bases its

estimates and judgments on historical experience, knowledge of current conditions and beliefs of what could occur in the future, given the available information. Estimates are used for, but not limited to, write-down for excess and obsolete inventories, the standalone selling price for each distinct performance obligation included in customer contracts with multiple performance obligations, variable consideration from revenue contracts, the realization of tax assets and estimates of tax reserves, and impairment of long-lived assets. Actual results may differ from those estimates and such differences may be material to the financial statements. In the current macroeconomic environment, these estimates require increased judgment and carry a higher degree of variability and volatility. As events continue to evolve and additional information becomes available, these estimates may change materially in future periods. Reclassifications Certain prior period balances were reclassified to conform to the current period's presentation. None of these reclassifications had an impact on reported net income or cash flows for any of the periods presented. Recent Accounting Pronouncements Not Yet Adopted In November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280) Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. This standard is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application to all prior periods presented in the financial statements. The Company is evaluating the impact that this new standard will have on its consolidated financial statements and disclosures. In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740) Improvements to Income Tax Disclosures, which requires disclosure of disaggregated income taxes paid, prescribes standard categories for the components of the effective tax rate reconciliation, and modifies other income tax-related disclosures. This standard is effective for fiscal years beginning after May 4, 2025, and may be applied on a retrospective or prospective basis. The Company is currently evaluating the impact of adopting this guidance on its consolidated financial statements and disclosures. Use of Estimates The preparation of these condensed consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the Company's condensed consolidated financial statements and accompanying notes. The Company bases its estimates and judgments on historical experience, knowledge of current conditions and beliefs of what could occur in the future, given the available information. Estimates are used for, but not limited to, write-down for excess and obsolete inventories, the standalone selling price for each distinct performance obligation included in customer contracts with multiple performance obligations, variable consideration from revenue contracts, the realization of tax assets and estimates of tax reserves, and impairment of long-lived assets. Actual results may differ from those estimates and such differences may be material to the financial statements. In the current macroeconomic environment, these estimates require increased judgment and carry a higher degree of variability and volatility. As events continue to evolve and additional information becomes available, these estimates may change materially in future periods. 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In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740) Improvements to Income Tax Disclosures, which requires disclosure of disaggregated income taxes paid, prescribes standard categories for the components of the effective tax rate reconciliation, and modifies other income tax-related disclosures. This standard is effective for fiscal years beginning after May 4, 2025, and may be applied on a retrospective or prospective basis. The Company is currently evaluating the impact of adopting this guidance on its consolidated financial statements and disclosures. Concentrations Financial instruments that subject the Company to concentrations of credit risk consist primarily of cash and cash equivalents, short-term investments and accounts receivable. Cash is placed in major financial institutions around the world. The Company's cash deposits exceed insured limits. Short-term investments are subject to counterparty risk up to the amount presented on the balance sheet. Historically, a relatively small number of customers have accounted for a significant portion of the Company's revenue. The particular customers which account for revenue concentration have varied from period-to-period as a result of the addition of new contracts, completion of existing contracts, and the volumes and prices at which the customers have recently bought the Company's products. These variations are expected to continue in the foreseeable future. The following tables summarize the accounts receivable and revenue as a percentage of total accounts receivable and total revenue, respectively, for the Company's most significant customers. In the tables below, customers are defined as the contracting entities who place purchase orders or enter into revenue contracts with the Company: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Accounts Receivable</td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer A</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">70 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">53 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer B</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">*</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:72.900%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.329%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue</td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer A</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">56 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">41 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer C</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">*</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">14 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Customer B</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">*</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr></table> * Less than 10% of total accounts receivable or total revenue. 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1pt;text-align:right;vertical-align:bottom">23 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:72.900%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.329%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Revenue</td><td colspan="3" style="border-bottom:1pt solid #000;border-top:1pt solid #000;padding:2px 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</td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr></table> * Less than 10% of total accounts receivable or total revenue. 0.700.530.230.560.410.140.12Revenue Recognition The following table summarizes revenue disaggregated by primary geographical market based on destination of shipment and location of contracting entity, which may differ from the customer's principal offices (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Hong Kong</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">29,272 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,990 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">United States</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10,800 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,415 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Mainland China</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,748 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16,081 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Taiwan</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">758 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,346 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Rest of World</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,136 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,263 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">59,714 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">35,095 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Contract Balances The contract assets are primarily related to the Company's fixed fee IP licensing arrangements

and rights to consideration for performance obligations delivered but not billed as of August 3, 2024 and April 27, 2024. During the three months ended August 3, 2024, the Company recognized $1.3 million of revenue that was included in the deferred revenue balance as of April 27, 2024. During the three months ended July 29, 2023, the Company recognized $1.3 million of revenue that was included in the deferred revenue balance as of April 29, 2023. During the three months ended August 3, 2024, the increase in contract assets of $2.1 million was primarily driven by certain product engineering services and IP licensing arrangements where certain billing milestones were not met prior to the timing of revenue recognition. Remaining Performance Obligations Revenue allocated to remaining performance obligations represents the transaction price allocated to the performance obligations that are unsatisfied, or partially unsatisfied, which includes unearned revenue and amounts that will be invoiced and recognized as revenue in future periods. The contracted but unsatisfied performance obligation was approximately $8.5 million and the satisfied but unrecognized performance obligation was approximately $1.1 million as of August 3, 2024 which the Company expects to recognize over the next 12 months. The Company applied a performance constraint on the satisfied but unrecognized performance obligation due to uncertainty around the collectability of milestone payments. Customer Warrant During fiscal year 2022, the Company issued a warrant to Amazon.com NV Investment Holdings LLC (Holder) to purchase an aggregate of up to 4,080 thousand of the Company's ordinary shares at an exercise price of $10.74 per share (the Customer Warrant). The exercise period of the Customer Warrant is through the seventh anniversary of the issue date. Upon issuance of the Customer Warrant, 40 thousand of the shares issuable upon exercise of the Customer Warrant vested immediately and the remainder of the shares issuable will vest in tranches over the contract term based on the amount of global payments by Holder and its affiliates to us, up to $201 million in aggregate payments. A total of 1,580 thousand and 1,080 thousand of the shares issuable upon exercise of the Customer Warrant were vested as of August 3, 2024 and April 27, 2024, respectively. Using a grant date fair value of $4.65, the Company recognized $3.2 million for the three months ended August 3, 2024, and $0.4 million for the three months ended July 29, 2023, as contra revenue within product sales revenue on the condensed consolidated statements of operations.<div style="margin-bottom:9pt;margin-top:6pt;text-indent:18pt">The following table summarizes revenue disaggregated by primary geographical market based on destination of shipment and location of contracting entity, which may differ from the customer's principal offices (in thousands):</div><div style="margin-bottom:9pt;margin-top:6pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Hong Kong</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">29,272 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,990 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">United States</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10,800 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,415 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Mainland China</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,748 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">16,081 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Taiwan</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">758 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,346 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Rest of World</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,136 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,263 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">59,714 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">35,095 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 2927200019900001080000064150009748000160810007580005346000913600052630005971400035095000130000013000002100000850000011000004080000010.74406 Value Measurements Fair value is an exit price representing the amount that would be received in the sale of an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or a liability. As a basis for considering such assumptions, the accounting guidance establishes a three-tier value hierarchy, which prioritizes the inputs used in the valuation methodologies in measuring fair value: Level 1 - Observable inputs that reflect quoted prices for identical assets or liabilities in active markets. Level 2 - Other inputs that are directly or indirectly observable in the marketplace. Level 3 - Unobservable inputs that are supported by little or no market activity. The fair value hierarchy also requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The Company measures the fair value of money market funds using Level 1 inputs. The Company's certificates of deposit are classified as held-to-maturity securities as the Company intends to hold until their maturity dates. The certificates of deposit are valued using Level 2 inputs. Pricing sources may include industry standard data providers, security master files from large financial institutions, and other third-party sources used to determine a daily market value. The following tables present the fair value of the financial instruments measured on a recurring basis as of August 3, 2024 and April 27, 2024 (in thousands). <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:47.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.332%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 2</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-

align:bottom">Level 3</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash equivalents:</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Money market funds </td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">45,028 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">45,028 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Certificates of deposit </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">52,504 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">52,504 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Short-term investments:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Certificates of deposit </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">294,716 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">294,716 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Total cash equivalents and short-term investments</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">45,028 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">347,220 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">392,248 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:47.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.332%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 2</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 3</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash equivalents:</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Money market funds</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">57,175 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">57,175 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Short-term investments:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> <span style="color:#000000;font-

family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">Certificates of deposit </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">343,061 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">343,061 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Total cash equivalents and short-term investments</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">57,175 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">343,061 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">400,236 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> The carrying amount of the Company's financial instruments, including cash equivalents, short-term investments, accounts receivable and accounts payable, approximate their respective fair values because of their short maturities. As of August 3, 2024 and April 27, 2024, there were no unrealized losses or gains associated with the Company's financial instruments. Interest income recognized for the three months ended August 3, 2024 and July 29, 2023 was $5.8 million and $2.6 million, respectively.</div><div style="margin-bottom:9pt;text-align:justify;text-indent:18pt">The following tables present the fair value of the financial instruments measured on a recurring basis as of August 3, 2024 and April 27, 2024 (in thousands).</div><div style="margin-bottom:9pt;margin-top:6pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:47.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.332%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 1</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 2</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Level 3</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash equivalents:</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"><div style="padding-left:6pt">Money market funds</div></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">45,028 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">45,028 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Certificates of deposit </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">52,504 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">52,504 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Short-term investments:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Certificates of deposit </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">294,716 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">294,716 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Total cash equivalents and short-term investments</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">45,028 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">347,220 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3"

*style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">392,248 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:47.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.332%"></td><td 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1pt;text-align:left;vertical-align:bottom">Cash equivalents:</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 7pt;text-align:left;vertical-align:bottom">Money market funds</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">57,175 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">57,175 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Short-term investments:</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Certificates of deposit </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">343,061 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">— </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">343,061 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 13pt;text-align:left;vertical-align:bottom">Total cash equivalents and short-term investments</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">57,175 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">343,061 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">400,236 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> *
4502800000450280000525040000525040000294716000029471600045028000347220000039224800057175000005717500003430610000343061000057175000034306100
Financial Information Inventories Inventories consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Raw materials</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11,837 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9,415 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Work in process</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,561 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,470 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Finished goods</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10,159 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-

align:bottom">9,022 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt">
 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,557 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">25,907 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Property and Equipment, Net Property and equipment consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Production equipment</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,410 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">27,608 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Computer equipment and software</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">26,771 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">18,271 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Laboratory equipment</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21,181 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,840 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Leasehold improvements</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,721 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,525 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Others</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">618 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">534 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Construction in progress</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">20,499 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,616 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">103,200 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">72,394 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Less: Accumulated depreciation and amortization</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:top">(32,959)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:top"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:top">(28,729)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:top"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">70,241 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">43,665 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Depreciation and amortization expense was $4.2 million for the three months ended August 3, 2024, and $3.0 million for the three months ended July 29, 2023. Computer equipment and software primarily includes technology licenses for computer-aided design tools relating to the Company's R&D design of future products and intellectual properties. Production equipment and construction in progress primarily include mask set costs capitalized relating to the Company's products already introduced or to be introduced. </div><div style="margin-bottom:9pt;margin-top:6pt;text-indent:18pt">Accrued Expenses and Other Current Liabilities</div><div style="margin-bottom:9pt;text-align:justify;text-indent:18pt">Accrued expenses and other current liabilities consisted of the following (in thousands):</div><div style="margin-bottom:9pt;margin-top:6pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accrued expenses</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">10,641 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9,610 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Current payables relating to purchases of property and equipment</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,452 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,950 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-

color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Current portion of operating lease liabilities</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,125 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,741 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt">
 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">20,218 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">18,301 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Other Non-current Liabilities Other non-current liabilities consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Non-current payables relating to purchases of property and equipment</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">7,882 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,950 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other non-current liabilities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">935 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,031 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt">
 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8,817 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">5,981 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Inventories consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Raw materials</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">11,837 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9,415 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Work in process</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,561 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,470 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Finished goods</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">10,159 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,022 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt">
 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,557 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">25,907 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
1183700094150009561000747000010159000902200031557000025907000 Property and equipment consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Production equipment</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">31,410 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">27,608 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Computer equipment and software</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-

family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">26,771 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">18,271 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Laboratory equipment</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">21,181 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,840 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Leasehold improvements</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,721 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,525 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Others</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">618 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">534 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Construction in progress</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">20,499 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,616 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">103,200 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">72,394 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Less: Accumulated depreciation and amortization</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:top">(32,959)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:top"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:top">(28,729)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:top"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">70,241 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">43,665 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
3141000027608000267710001827100021181000198400002721000252500061800053400020499000036160001032000007239400032959000028729000070241000436650006
style="margin-bottom:9pt;text-align:justify;text-indent:18pt">Accrued expenses and other current liabilities consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accrued expenses</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">10,641 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9,610 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Current payables relating to purchases of property and equipment</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,452 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,950 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Current portion of operating lease liabilities</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,125 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,741 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt">
 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">20,218 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">18,301 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Accrued expenses and other current liabilities consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Accrued expenses</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">10,641 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9,610 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Current payables relating to purchases of property and equipment</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,452 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,950 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Accrued expenses and other current liabilities consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td 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0;text-align:right;vertical-align:bottom">10,641 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">9,610 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Current payables relating to purchases of property and equipment</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,452 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 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</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">5,950 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Current portion of operating lease liabilities</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,125 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,741 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt">
 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">20,218 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">18,301 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
1064100096100006452000595000031250002741000202180001830100O Other non-current liabilities consisted of the following (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">April 27, 2024</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Non-current payables relating to purchases of property and equipment</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">7,882 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">4,950 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Other non-current liabilities</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">935 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">1,031 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt">
 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">8,817 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">5,981 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
788200049500009350001031000881700059810000Commitments and Contingencies Non-cancelable Purchase Obligations Total future non-cancelable purchase obligations as of August 3, 2024 are as follows (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:28.757%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.901%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Fiscal Year</td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom"> Purchase Commitments to Manufacturing Vendors</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom"> Technology License Fees </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Remainder of 2025</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">22,850 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">6,801 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29,651 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2026</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,306 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8,342 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15,648 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2027</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,598 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,805 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17,403 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2028</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12,417 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">350 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12,767 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2029</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,153 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">350 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-

serif;font-size:10pt;font-weight:400;line-height:100%">2,503 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total unconditional purchase commitments</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">54,324 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">23,648 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">77,972 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Technology license fees include the liabilities under agreements for technology licenses between the Company and various vendors. Under the Company's manufacturing relationships with its foundry partners, cancellation of outstanding purchase orders is allowed but requires payment of all costs and expenses incurred through the date of cancellation. As of August 3, 2024, the total value of non-cancelable purchase orders payable within the next one year that were committed with the Company's third-party subcontractors was approximately $22.9 million. Such purchase commitments are included in the preceding table. The Company has a manufacturing supply capacity reservation agreement with an assembly subcontractor as of August 3, 2024. Under this arrangement, the Company has paid refundable deposits to the supplier in exchange for reserved manufacturing production capacity over the term of the agreement, which approximates five years. In addition, the Company committed to certain purchase levels that were in line with the capacity reserved. If the Company does not meet the purchase level commitment, the agreement requires the Company to pay a fee equal to the difference between the actual purchase and the purchase commitment, up to the value of refundable deposits made. The Company currently estimates that it has made purchase level commitments of at least $34.2 million for the remainder of fiscal year 2025 through fiscal year 2029 under the capacity reservation agreement. Such purchase commitments are included in the preceding table. In addition, the Company had refundable deposits of $8.6 million of which $0.7 million was recorded in prepaid expenses and other current assets and $7.9 million was recorded in other non-current assets on the unaudited condensed consolidated balance sheet. </div><div style="margin-bottom:9pt;margin-top:6pt;text-indent:18pt">Warranty Obligations</div><div style="margin-bottom:9pt;text-align:justify;text-indent:18pt">The Company's products generally carry a standard one-year warranty. The Company's warranty expense was not material in the periods presented.</div><div style="margin-bottom:9pt;margin-top:6pt;text-indent:18pt">Indemnifications</div><div style="margin-bottom:9pt;text-align:justify;text-indent:18pt">In the ordinary course of business, the Company has entered into agreements that contain certain indemnification obligations of varying scope and terms to customers, vendors, lessors, investors, directors, officers, employees and other parties with respect to certain matters, including, but not limited to, certain losses arising out of the Company's breach of such agreements, services to be provided by the Company or from intellectual property infringement claims made by third parties. These indemnification obligations may survive termination of the underlying agreement and the maximum potential amount of future payments the Company could be required to make under these indemnification provisions may not be subject to maximum loss limitations. The Company has not incurred material costs to defend lawsuits or settle claims related to these indemnification obligations. Accordingly, the Company had no liabilities recorded for these agreements as of August 3, 2024 and April 27, 2024. </div><div style="margin-bottom:9pt;margin-top:6pt;text-indent:18pt">Legal Proceedings</div><div style="margin-bottom:9pt;margin-top:6pt;text-align:justify;text-indent:18pt">From time to time, the Company may be a party to various litigation claims in the ordinary course of business. Legal fees and other costs associated with such actions are expensed as incurred. The Company assesses, in conjunction with legal counsel, the need to record a liability for litigation and contingencies. Accrual estimates are recorded when and if it is determined that such a liability for litigation and contingencies are both probable and reasonably estimable. As of the date of issuance of these unaudited condensed consolidated financial statements, the Company was not subject to any material litigation. No accruals for loss contingencies or recognition of actual losses have been recorded in any of the periods presented. </div><div style="margin-bottom:9pt;text-align:justify;text-indent:18pt">Total future non-cancelable purchase obligations as of August 3, 2024 are as follows (in thousands):</div><div style="margin-bottom:9pt;margin-top:6pt;text-align:justify"><table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:28.757%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:21.901%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Fiscal Year</td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom"> Purchase Commitments to Manufacturing Vendors</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom"> Technology License Fees </td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Total</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Remainder of 2025</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">22,850 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">6,801 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">29,651 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2026</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,306 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">8,342 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15,648 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2027</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,598 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,805 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">17,403 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2028</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12,417 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">350 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">12,767 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2029</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,153 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">350 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">2,503 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Total unconditional purchase commitments</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-

top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">54,324 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">23,648 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">77,972 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
228500006801000296510007306000834200015648000959800078050001740300012417000350000127670002153000350000250300054324000023648000779720002290(
style="margin-bottom:9pt;text-align:justify;text-indent:18pt">The Company leases office space, in the United States and internationally, under operating leases. The Company's leases have remaining lease terms generally between one year and seven years. Operating leases are included in right of use assets, accrued expenses and other current liabilities, and non-current operating lease liabilities on the Company's unaudited condensed consolidated balance sheets. The Company does not have any finance leases. Lease expense and supplemental cash flow information are as follows (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease expenses</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,016 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">921 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash paid for amounts included in the measurement of operating lease liabilities</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">955 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">836 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Right-of-use assets obtained in exchange for lease obligation </td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3,531 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
The aggregate future lease payments for operating leases as of August 3, 2024 are as follows (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:86.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.329%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Fiscal Year</td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Operating Leases </td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2025</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,827 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2026</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,623 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2027</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,067 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2028</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,067 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2029</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,158 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Thereafter</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,913 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Total lease payments</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,655 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Less: Interest </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,531 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Present value of lease liabilities</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">13,124 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> As of August 3, 2024, the weighted-average remaining lease term for the Company's operating leases was 5.7 years and the weighted-average discount rate used to determine the present value of the Company's operating leases was 6.6%. P1YP7Y Lease expense and supplemental cash flow information are as follows (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Operating lease expenses</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0

2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">1,016 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">921 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cash paid for amounts included in the measurement of operating lease liabilities</td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">955 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">836 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Right-of-use assets obtained in exchange for lease obligation </td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">3,531 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">— </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 10160009210009550008360003531000 The aggregate future lease payments for operating leases as of August 3, 2024 are as follows (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:86.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.329%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom">Fiscal Year</td><td colspan="3" style="padding:2px 1pt;text-align:left;vertical-align:bottom"> Operating Leases </td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2025</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">2,827 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2026</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,623 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2027</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,067 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">2028</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,067 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">2029</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,158 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Thereafter</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,913 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Total lease payments</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,655 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Less: Interest </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">6,531 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 19pt;text-align:left;vertical-align:bottom">Present value of lease liabilities</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">13,124 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 2827000362300030670003067000315800039130001965500065310001312400OP5Y8M12D0.066Share Incentive Plan Restricted Stock Unit (RSU) Awards A summary of information related to RSU activity during the three months ended August 3, 2024 is as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:54.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.332%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="padding:2px 1pt;text-align:center;vertical-align:bottom">RSUs Outstanding</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"> Number of Shares (in thousands) </td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Grant Date Fair Value</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Remaining Contractual Term</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"> Aggregate Intrinsic Value (in millions) </td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balances as of April 27, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">10,139</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$16.11</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">1.52</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">188.2 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Granted</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">294</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">$28.06</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Vested</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">(732)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">$12.26</td><td colspan="3" style="background-

color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Canceled/ forfeited</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">(232)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">$17.41</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balances and expected to vest as of August 3, 2024</td><td colspan="3" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">9,469</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$16.76</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">1.37</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">239.8 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Share Option Awards A summary of information related to share option activity during the three months ended August 3, 2024 is as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:54.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.332%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Options Outstanding</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Outstanding Share Options</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Exercise Price</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Remaining Contractual Term</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"> Aggregate Intrinsic Value (in millions) </td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance as of April 27, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">6,421</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$1.97</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5.30</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">106.5 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Options vested and exercised</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">(799)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">$1.79</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Options canceled/ forfeited</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">$2.33</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance and expected to vest as of August 3, 2024</td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5,619</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$2.00</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5.11</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">131.1 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Exercisable as of August 3, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5,614</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">$2.00</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">5.11</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">131.0 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> As of August 3, 2024, 5 thousand shares from share option early exercises remained subject to the Company's repurchase rights. These shares are excluded from ordinary shares outstanding. Employee Stock Purchase Plan (ESPP) The Company issued 139 thousand shares during the three months ended August 3, 2024 and 205 thousand shares during the three months ended July 29, 2023, under the ESPP. Summary of Share-based Compensation Expense The following table summarizes share-based compensation expense included in the unaudited condensed consolidated statements of operations (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost of revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">281 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">189 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-

align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Research and development</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,170 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,732 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,189 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,047 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">16,640 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:700;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">7,968 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> A summary of information related to RSU activity during the three months ended August 3, 2024 is as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:54.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.332%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="padding:2px 1pt;text-align:center;vertical-align:bottom">RSUs Outstanding</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"> Number of Shares (in thousands) </td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Grant Date Fair Value</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Remaining Contractual Term</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"> Aggregate Intrinsic Value (in millions) </td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balances as of April 27, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">10,139</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$16.11</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">1.52</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">188.2 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Granted</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">294</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">$28.06</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Vested</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">(732)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">$12.26</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Canceled/ forfeited</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">(232)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">$17.41</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balances and expected to vest as of August 3, 2024</td><td colspan="3" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">9,469</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$16.76</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">1.37</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">239.8 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 10139000016.11P1Y6M7D18820000029400028.0673200012.2623200017.41946900016.76P1Y4M13D239800000 A summary of information related to share option activity during the three months ended August 3, 2024 is as follows: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:54.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:10.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.332%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="21" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Options Outstanding</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Outstanding Share Options</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Exercise Price</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Weighted-Average Remaining Contractual Term</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:left;vertical-align:bottom"> Aggregate Intrinsic Value (in millions) </td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance as of April 27, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">6,421</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$1.97</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5.30</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-

height:100%">106.5 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Options vested and exercised</td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">(799)</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:right;vertical-align:bottom">$1.79</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 25pt;text-align:left;vertical-align:bottom">Options canceled/forfeited</td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">(3)</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">$2.33</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Balance and expected to vest as of August 3, 2024</td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5,619</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">$2.00</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5.11</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">131.1 </td><td style="background-color:#ffffff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Exercisable as of August 3, 2024</td><td colspan="3" style="background-color:#cceeff;border-top:3pt double #000;padding:2px 1pt;text-align:right;vertical-align:bottom">5,614</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">$2.00</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:right;vertical-align:bottom">5.11</td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;padding:2px 0;text-align:right;vertical-align:bottom">131.0 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table>
64210001.97P5Y3M18D1065000007990001.7930002.3356190002.00P5Y1M9D1311000005614000 2.00P5Y1M9D1310000000.0500013900020500 0 The following table summarizes share-based compensation expense included in the unaudited condensed consolidated statements of operations (in thousands): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Cost of revenue</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">281 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">189 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Research and development</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">9,170 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,732 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Selling, general and administrative</td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">7,189 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">3,047 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">16,640 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:700;line-height:100%">$</td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">7,968 </td><td style="background-color:#ffffff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr>
</table>2810001890009170000473200071890003047000166400007968000Income Taxes The Company's tax provision for interim periods is determined using an estimate of its annual effective tax rate, excluding zero rate jurisdictions, and adjusted for discrete items, if any, that arise during the period. Each quarter, the Company updates its estimate of the annual effective tax rate, and if the estimated annual effective tax rate changes, the Company makes a cumulative adjustment in such period. The Company's quarterly tax provision, and estimate of its annual effective tax rate, is subject to variation due to several factors, including variability in accurately predicting its pre-tax income or loss and the mix of jurisdictions to which they relate, intercompany transactions, changes in tax laws, the applicability of special tax regimes, changes in how we do business, and discrete items. Provision (benefit) for income taxes for the three months ended August 3, 2024 and July 29, 2023 was as follows (in thousands except percentages): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:65.328%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">% Change</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Provision (benefit) for income taxes </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">622 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(537)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(115.8)</td><td

style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Effective tax rate</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr></table> The Company's effective tax rate for the three months ended August 3, 2024 differs from the same period in the prior fiscal year primarily due to the tax benefit of share-based compensation being offset by a full valuation allowance in the U.S. entity. During the three months ended August 3, 2024, there were no material changes to the total amount of unrecognized tax benefits and the Company does not expect any significant changes in the next 12 months. Provision (benefit) for income taxes for the three months ended August 3, 2024 and July 29, 2023 was as follows (in thousands except percentages): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:65.328%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:9.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="15" style="padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">% Change</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Provision (benefit) for income taxes </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">622 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0;text-align:right;vertical-align:bottom">(537)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(115.8)</td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Effective tax rate</td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">(7)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom">%</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Numerator:</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Net loss </td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(9,540)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(11,697)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:15pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Denominator:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Weighted-average shares - basic and diluted </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">165,140 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">149,277 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:15pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt 0 19pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Net income (loss) per share: </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Basic and diluted </td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(0.06)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(0.08)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Potential dilutive securities include dilutive ordinary shares from the Customer Warrant, share-based awards attributable to the assumed exercise of share options and vesting of RSUs and ESPP shares using the treasury stock method. Under the treasury stock method, potential ordinary shares outstanding are not included in the computation of diluted net income per share if their effect is anti-dilutive. The following potentially dilutive securities outstanding (in thousands) have been excluded from the computations of diluted weighted-average shares outstanding for the three months ended August 3, 2024 and July 29, 2023. <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom"><span style="color:#000000;font-

family:'Helvetica',sans-serif;font-size:8pt;font-weight:700;line-height:100%">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 10pt;text-align:left;text-indent:-9pt;vertical-align:bottom">Share-based compensation awards</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15,227 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15,652 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Customer Warrant </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,080 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,080 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,307 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,732 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> Net loss per share for the three months ended August 3, 2024 and July 29, 2023, respectively, was determined as follows (in thousands, except per share amounts): <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:72.900%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.900%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.329%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom">Numerator:</td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;border-top:1pt solid #000;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Net loss </td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(9,540)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(11,697)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:15pt"><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom">Denominator:</td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Weighted-average shares - basic and diluted </td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">165,140 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">149,277 </td><td style="background-color:#cceeff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr style="height:15pt"><td colspan="3" style="background-color:#ffffff;padding:0 1pt 0 19pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Net income (loss) per share: </td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Basic and diluted </td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(0.06)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:left;vertical-align:bottom"><span style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:100%">$</td><td style="background-color:#ffffff;padding:2px 0;text-align:right;vertical-align:bottom">(0.08)</td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> -9540000-116970001651400001651400001492770001492770000-0.06-0.06-0.08-0.08The following potentially dilutive securities outstanding (in thousands) have been excluded from the computations of diluted weighted-average shares outstanding for the three months ended August 3, 2024 and July 29, 2023: <table style="border-collapse:collapse;display:inline-table;margin-bottom:5pt;vertical-align:text-bottom;width:99.885%"><tr><td style="width:1.0%"></td><td style="width:73.471%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.328%"></td><td style="width:0.1%"></td><td style="width:0.1%"></td><td style="width:0.371%"></td><td style="width:0.1%"></td><td style="width:1.0%"></td><td style="width:11.330%"></td><td style="width:0.1%"></td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="9" style="border-bottom:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">Three Months Ended</td></tr><tr><td colspan="3" style="padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">August 3, 2024</td><td colspan="3" style="border-top:1pt solid #000;padding:0 1pt"></td><td colspan="3" style="border-top:1pt solid #000;padding:2px 1pt;text-align:center;vertical-align:bottom">July 29, 2023</td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:2px 1pt 2px 10pt;text-align:left;text-indent:-9pt;vertical-align:bottom">Share-based compensation awards</td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15,227 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">15,652 </td><td style="background-color:#cceeff;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#ffffff;padding:2px 1pt;text-align:left;vertical-align:bottom"> Customer Warrant </td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,080 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#ffffff;padding:0 1pt"></td><td colspan="2" style="background-color:#ffffff;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">4,080 </td><td style="background-color:#ffffff;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr><tr><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,307 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td><td colspan="3" style="background-color:#cceeff;padding:0 1pt"></td><td colspan="2" style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 0 2px 1pt;text-align:right;vertical-align:bottom">19,732 </td><td style="background-color:#cceeff;border-bottom:3pt double #000;border-top:1pt solid #000;padding:2px 1pt 2px 0;text-align:right;vertical-align:bottom"></td></tr></table> 1522700015652000408000040800001930700019732000falsefalsefalse On June 26, 2024, Pantas Sutardja, a member of our board of directors, adopted a Rule 10b5-1 Trading Plan, intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of 32,291 of our ordinary shares held directly by Mr. Sutardja may be sold between November 1, 2024 and February 3, 2026. The plan terminates on the earlier of: (i) February 3, 2026, (ii) the first date on which all trades set forth in the plan have been executed or (iii) such date as the plan is otherwise terminated according to its terms. June 26, 2024Pantas Sutardjamember of our board of directorstrue32291February 3, 2026 On July 1, 2024, Daniel Fleming, our Chief Financial Officer, adopted a Rule 10b5-1 Trading Plan, intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of 198,750 of our ordinary shares held directly by Mr. Fleming may be sold between September 30, 2024 and September 30, 2025. The plan terminates on the earlier of: (i) September 30, 2025, (ii) the first date on which all trades set forth in the plan have been executed or (iii) such date as the plan is otherwise terminated according to its terms. July 1, 2024Daniel FlemingChief Financial Officertrue198750September 30, 2025 <span

style="color:#000000;font-family:'Helvetica',sans-serif;font-size:10pt;font-weight:400;line-height:120%">On July 2, 2024, Yat Tung (Job) Lam, our Chief Operating Officer and a member of our board of directors, adopted a Rule 10b5-1 Trading Plan ("the Plan"), intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act, pursuant to which a maximum amount of: (i) 120,000 of our ordinary shares held directly by Mr. Lam may be sold between November 12, 2024 and October 30, 2025, (ii) 720,000 of our ordinary shares held by Chung (BVI) Co Ltd may be sold between November 12, 2024 and October 30, 2025, (iii) 270,000 of our ordinary shares held by Zhan (BVI) Co Ltd may be sold between February 18, 2025 and October 30, 2025 and (iv) 60,000 of our ordinary shares held by the Evelyn Job and April Foundation may be sold between November 12, 2024 and October 30, 2025. The Plan terminates on the earlier of: (i) October 30, 2025, (ii) the first date on which all trades set forth in the Plan have been executed or (iii) such date as the Plan is otherwise terminated according to its terms. Mr. Lam and his spouse share voting and investment power over the shares held by each of Zhan (BVI) Co Ltd, Chung (BVI) Co Ltd and the Evelyn Job and April Foundation, which is a tax-exempt 501(c)(3) charitable institution. July 2, 2024Yat Tung (Job) LamChief Operating Officertrue120000720000270000600000October 30, 2025

()5DRR0)W2@0 *DB M / " 1GT !X;")W;W)K8F]O:RYX;6Q02P$"% ,4 M" !WB"59BC%V7\\! S'P &@ @ &0^ >&PO7W)E;',O M=V]R:V)O;VLN>&UL+G)E;'-02P$"% ,4 " !WB"59,N&!X< XML 65 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 66 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 68 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.2.u1 html 124 231 1 false 49 0 false 4 false false R1.htm 0000001 - Document - Cover Sheet http://www.credosemi.com/role/Cover Cover Cover 1 false false R2.htm 9952151 - Statement - Condensed Consolidated Balance Sheets Sheet http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets Condensed Consolidated Balance Sheets Statements 2 false false R3.htm 9952152 - Statement - Condensed Consolidated Balance Sheets (Parenthetical) Sheet http://www.credosemi.com/role/CondensedConsolidatedBalanceSheetsParenthetical Condensed Consolidated Balance Sheets (Parenthetical) Statements 3 false false R4.htm 9952153 - Statement - Condensed Consolidated Statements of Operations Sheet http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations Condensed Consolidated Statements of Operations Statements 4 false false R5.htm 9952154 - Statement - Condensed Consolidated Statements of Comprehensive Loss Sheet http://www.credosemi.com/role/CondensedConsolidatedStatementsofComprehensiveLoss Condensed Consolidated Statements of Comprehensive Loss Statements 5 false false R6.htm 9952155 - Statement - Condensed Consolidated Statements of Shareholders' Equity Sheet http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity Condensed Consolidated Statements of Shareholders' Equity Statements 6 false false R7.htm 9952156 - Statement - Condensed Consolidated Statements of Cash Flows Sheet http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows Condensed Consolidated Statements of Cash Flows Statements 7 false false R8.htm 9952157 - Disclosure - Description of Business and Basis of Presentation Sheet http://www.credosemi.com/role/DescriptionofBusinessandBasisofPresentation Description of Business and Basis of Presentation Notes 8 false false R9.htm 9952158 - Disclosure - Significant Accounting Policies Sheet http://www.credosemi.com/role/SignificantAccountingPolicies Significant Accounting Policies Notes 9 false false R10.htm 9952159 - Disclosure - Concentrations Sheet http://www.credosemi.com/role/Concentrations Concentrations Notes 10 false false R11.htm 9952160 - Disclosure - Revenue Recognition Sheet http://www.credosemi.com/role/RevenueRecognition Revenue Recognition Notes 11 false false R12.htm 9952161 - Disclosure - Fair Value Measurements Sheet http://www.credosemi.com/role/FairValueMeasurements Fair Value Measurements Notes 12 false false R13.htm 9952162 - Disclosure - Supplemental Financial Information Sheet http://www.credosemi.com/role/SupplementalFinancialInformation Supplemental Financial Information Notes 13 false false R14.htm 9952163 - Disclosure - Commitments and Contingencies Sheet http://www.credosemi.com/role/CommitmentsandContingencies Commitments and Contingencies Notes 14 false false R15.htm 9952164 - Disclosure - Leases Sheet http://www.credosemi.com/role/Leases Leases Notes 15 false false R16.htm 9952165 - Disclosure - Share Incentive Plan Sheet http://www.credosemi.com/role/ShareIncentivePlan Share Incentive Plan Notes 16 false false R17.htm 9952166 - Disclosure - Income Taxes Sheet http://www.credosemi.com/role/IncomeTaxes Income Taxes Notes 17 false false R18.htm 9952167 - Disclosure - Net Loss Per Share Sheet http://www.credosemi.com/role/NetLossPerShare Net Loss Per Share Notes 18 false false R19.htm 995410 - Disclosure - Pay vs Performance Disclosure Sheet http://xbrl.sec.gov/ecd/role/PvpDisclosure Pay vs Performance Disclosure Notes 19 false false R20.htm 995445 - Disclosure - Insider Trading Arrangements Sheet http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements Insider Trading Arrangements Notes 20 false false R21.htm 9954471 - Disclosure - Significant Accounting Policies (Policies) Sheet http://www.credosemi.com/role/SignificantAccountingPoliciesPolicies Significant Accounting Policies (Policies) Policies http://www.credosemi.com/role/SignificantAccountingPolicies 21 false false R22.htm 9954472 - Disclosure - Concentrations (Tables) Sheet http://www.credosemi.com/role/ConcentrationsTables Concentrations (Tables) Tables http://www.credosemi.com/role/Concentrations 22 false false R23.htm 9954473 - Disclosure - Revenue Recognition (Tables) Sheet http://www.credosemi.com/role/RevenueRecognitionTables Revenue Recognition (Tables) Tables http://www.credosemi.com/role/RevenueRecognition 23 false false R24.htm 9954474 - Disclosure - Fair Value Measurements (Tables) Sheet http://www.credosemi.com/role/FairValueMeasurementsTables Fair Value Measurements (Tables) Tables http://www.credosemi.com/role/FairValueMeasurements 24 false false R25.htm 9954475 - Disclosure - Supplemental Financial Information (Tables) Sheet http://www.credosemi.com/role/SupplementalFinancialInformationTables Supplemental Financial Information (Tables) Tables http://www.credosemi.com/role/SupplementalFinancialInformation 25 false false R26.htm 9954476 - Disclosure - Commitment and Contingencies (Tables) Sheet http://www.credosemi.com/role/CommitmentandContingenciesTables Commitment and Contingencies (Tables) Tables 26 false false R27.htm 9954477 - Disclosure - Leases (Tables) Sheet http://www.credosemi.com/role/LeasesTables Leases (Tables) Tables http://www.credosemi.com/role/Leases 27 false false R28.htm 9954478 - Disclosure - Share Incentive Plan (Tables) Sheet http://www.credosemi.com/role/ShareIncentivePlanTables Share Incentive Plan (Tables) Tables http://www.credosemi.com/role/ShareIncentivePlan 28 false false R29.htm 9954479 - Disclosure - Income Taxes (Tables) Sheet http://www.credosemi.com/role/IncomeTaxesTables Income Taxes (Tables) Tables http://www.credosemi.com/role/IncomeTaxes 29 false false R30.htm 9954480 - Disclosure - Net Loss Per Share (Tables) Sheet http://www.credosemi.com/role/NetLossPerShareTables Net Loss Per Share (Tables) Tables http://www.credosemi.com/role/NetLossPerShare 30 false false R31.htm 9954481 - Disclosure - Concentrations (Details) Sheet http://www.credosemi.com/role/ConcentrationsDetails Concentrations (Details) Details http://www.credosemi.com/role/ConcentrationsTables 31 false false R32.htm 9954482 - Disclosure - Revenue Recognition - Disaggregation of Revenue (Details) Sheet http://www.credosemi.com/role/RevenueRecognitionDisaggregationofRevenueDetails Revenue Recognition - Disaggregation of Revenue (Details) Details 32 false false R33.htm 9954483 - Disclosure - Revenue Recognition - Narrative (Details) Sheet http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails Revenue Recognition - Narrative (Details) Details 33 false false R34.htm 9954484 - Disclosure - Fair Value Measurements - Recurring Basis (Details) Sheet http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails Fair Value Measurements - Recurring Basis (Details) Details 34 false false R35.htm 9954485 - Disclosure - Fair Value Measurements (Details) Sheet http://www.credosemi.com/role/FairValueMeasurementsDetails Fair Value Measurements (Details) Details http://www.credosemi.com/role/FairValueMeasurementsTables 35 false false R36.htm 9954486 - Disclosure - Supplemental Financial Information - Schedule of Inventory (Details) Sheet http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofInventoryDetails Supplemental Financial Information - Schedule of Inventory (Details) Details 36 false false R37.htm 9954487 - Disclosure - Supplemental Financial Information - Schedule of Property and Equipment, Net (Details) Sheet http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails Supplemental Financial Information - Schedule of Property and Equipment, Net (Details) Details 37 false false R38.htm 9954488 - Disclosure - Supplemental Financial Information - Narrative (Details) Sheet http://www.credosemi.com/role/SupplementalFinancialInformationNarrativeDetails Supplemental Financial Information - Narrative (Details) Details 38 false false R39.htm 9954489 - Disclosure - Supplemental Financial Information - Schedule of Accrued Expenses and Other Current Liabilities (Details) Sheet http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofAccruedExpensesandOtherCurrentLiabilitiesDetails Supplemental Financial Information - Schedule of Accrued Expenses and Other Current Liabilities (Details) Details 39 false false R40.htm 9954490 - Disclosure - Supplemental Financial Information - Schedule of Other Noncurrent Liabilities (Details) Sheet http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofOtherNoncurrentLiabilitiesDetails Supplemental Financial Information - Schedule of Other Noncurrent Liabilities (Details) Details 40 false false R41.htm 9954491 - Disclosure - Commitment and Contingencies - Schedule of Non-Cancelable Purchase Obligations (Details) Sheet http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails Commitment and Contingencies - Schedule of Non-Cancelable Purchase Obligations (Details) Details 41 false false R42.htm 9954492 - Disclosure - Commitments and Contingencies - Narrative (Details) Sheet http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails Commitments and Contingencies - Narrative (Details) Details 42 false false R43.htm 9954493 - Disclosure - Leases - Narrative (Details) Sheet http://www.credosemi.com/role/LeasesNarrativeDetails Leases - Narrative (Details) Details 43 false false R44.htm 9954494 - Disclosure - Leases - Lease Expense and Supplemental Cash Flow Information (Details) Sheet http://www.credosemi.com/role/LeasesLeaseExpenseandSupplementalCashFlowInformationDetails Leases - Lease Expense and Supplemental Cash Flow Information (Details) Details 44 false false R45.htm 9954495 - Disclosure - Leases - Aggregate Future Lease Payments (Details) Sheet http://www.credosemi.com/role/LeasesAggregateFutureLeasePaymentsDetails Leases - Aggregate Future Lease Payments (Details) Details 45 false false R46.htm 9954496 - Disclosure - Share Incentive Plan - Summary of Information Related to RSU Activity (Details) Sheet http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails Share Incentive Plan - Summary of Information Related to RSU Activity (Details) Details 46 false false R47.htm 9954497 - Disclosure - Share Incentive Plan - Summary of Information Related to Share Option Activity (Details) Sheet http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoShareOptionActivityDetails Share Incentive Plan - Summary of Information Related to Share Option Activity (Details) Details 47 false false R48.htm 9954498 - Disclosure - Share Incentive Plan - Narrative (Details) Sheet http://www.credosemi.com/role/ShareIncentivePlanNarrativeDetails Share Incentive Plan - Narrative (Details) Details 48 false false R49.htm 9954499 - Disclosure - Share Incentive Plan - Summary of Share-Based Compensation Expense (Details) Sheet http://www.credosemi.com/role/ShareIncentivePlanSummaryofShareBasedCompensationExpenseDetails Share Incentive Plan - Summary of Share-Based Compensation Expense (Details) Details 49 false false R50.htm 9954500 - Disclosure - Income Taxes (Details) Sheet http://www.credosemi.com/role/IncomeTaxesDetails Income Taxes (Details) Details http://www.credosemi.com/role/IncomeTaxesTables 50 false false R51.htm 9954501 - Disclosure - Net Loss Per Share - Schedule of Net Loss Per Share, Basic and Diluted (Details) Sheet http://www.credosemi.com/role/NetLossPerShareScheduleofNetLossPerShareBasicandDilutedDetails Net Loss Per Share - Schedule of Net Loss Per Share, Basic and Diluted (Details) Details 51 false false R52.htm 9954502 - Disclosure - Net Loss Per Share - Schedule of Potentially Dilutive Securities Outstanding (Details) Sheet http://www.credosemi.com/role/NetLossPerShareScheduleofPotentiallyDilutiveSecuritiesOutstandingDetails Net Loss Per Share - Schedule of Potentially Dilutive Securities Outstanding (Details) Details 52 false false All Reports Book All Reports crdo-20240803.htm crdo-20240803.xsd crdo-20240803_cal.xml crdo-20240803_def.xml crdo-20240803_lab.xml crdo-20240803_pre.xml http://fasb.org/us-gaap/2024 http://xbrl.sec.gov/dei/2024 http://xbrl.sec.gov/ecd/2024 true true JSON 71 MetaLinks.json IDEA: XBRL DOCUMENT { "version": "2.2", "instance": { "crdo-20240803.htm": { "nsprefix": "crdo", "nsuri": "http://www.credosemi.com/20240803", "dts": { "inline": { "local": ["crdo-20240803.htm"] }, "schema": { "local": ["crdo-20240803.xsd"], "remote": ["http://www.xbrl.org/2003/xbrl-instance-2003-12-31.xsd", "http://www.xbrl.org/2003/xbrl-linkbase-2003-12-31.xsd", "http://www.xbrl.org/2003/xl-2003-12-31.xsd", "http://www.xbrl.org/2003/xlink-2003-12-31.xsd", "http://www.xbrl.org/2005/xbrldt-2005.xsd", "http://www.xbrl.org/2006/ref-2006-02-27.xsd", "http://www.xbrl.org/lrr/role/negated-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/net-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/reference-2009-12-16.xsd", "https://www.xbrl.org/2020/extensible-enumerations-2.0.xsd", "https://www.xbrl.org/dtr/type/2020-01-21/types.xsd", "https://www.xbrl.org/dtr/type/2022-03-31/types.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-roles-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-types-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-gaap-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-roles-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-types-2024.xsd", "https://xbrl.sec.gov/country/2024/country-2024.xsd", "https://xbrl.sec.gov/dei/2024/dei-2024.xsd", "https://xbrl.sec.gov/ecd/2024/ecd-2024.xsd", "https://xbrl.sec.gov/stpr/2024/stpr-2024.xsd"] }, "calculationLink": { "local": ["crdo-20240803_cal.xml"] }, "definitionLink": { "local": ["crdo-20240803_def.xml"] }, "labelLink": { "local": ["crdo-20240803_lab.xml"] }, "presentationLink": { "local": ["crdo-20240803_pre.xml"] } }, "keyStandard": 215, "keyCustom": 16, "axisStandard": 18, "axisCustom": 0, "memberStandard": 31, "memberCustom": 17, "hidden": { "total": 10, "http://xbrl.sec.gov/dei/2024": 5, "http://xbrl.sec.gov/ecd/2024": 3, "http://fasb.org/us-gaap/2024": 2 }, "contextCount": 124, "entityCount": 1, "segmentCount": 49, "elementCount": 470, "unitCount": 4, "baseTaxonomies": { "http://fasb.org/us-gaap/2024": 433, "http://xbrl.sec.gov/ecd/2024": 30, "http://xbrl.sec.gov/dei/2024": 29 }, "report": { "R1": { "role": "http://www.credosemi.com/role/Cover", "longName": "0000001 - 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Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r41", "r620"] }, "crdo_AccountsPayablePropertyAndEquipmentCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "AccountsPayablePropertyAndEquipmentCurrent", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofAccruedExpensesandOtherCurrentLiabilitiesDetails": { "parentTag": "us-gaap_AccountsPayableAndOtherAccruedLiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofAccruedExpensesandOtherCurrentLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Current payables relating to purchases of property and equipment", "label": "Accounts Payable, Property And Equipment, Current", "documentation": "Accounts Payable, Property And Equipment, Current" } } }, "auth_ref": [] }, "crdo_AccountsPayablePropertyAndEquipmentNonCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "AccountsPayablePropertyAndEquipmentNonCurrent", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofOtherNoncurrentLiabilitiesDetails": { "parentTag": "us-gaap_OtherLiabilitiesNoncurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofOtherNoncurrentLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Non-current payables relating to purchases of property and equipment", "label": "Accounts Payable, Property And Equipment, Non-Current", "documentation": "Accounts Payable, Property And Equipment, Non-Current" } } }, "auth_ref": [] }, "us-gaap_AccountsReceivableMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableMember", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounts Receivable", "label": "Accounts Receivable [Member]", "documentation": "Due from customers or clients for goods or services that have been delivered or sold." } } }, "auth_ref": ["r565"] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Accounts receivable", "label": "Accounts Receivable, after Allowance for Credit Loss, Current", "documentation": "Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } } }, "auth_ref": ["r767"] }, "us-gaap_AccruedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofAccruedExpensesandOtherCurrentLiabilitiesDetails": { "parentTag": "us-gaap_AccountsPayableAndOtherAccruedLiabilitiesCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofAccruedExpensesandOtherCurrentLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accrued expenses", "label": "Accrued Liabilities, Current", "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r43"] }, "us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Less: Accumulated depreciation and amortization", "label": "Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment", "documentation": "Amount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services." } } }, "auth_ref": ["r32", "r112", "r462"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated other comprehensive loss", "label": "Accumulated Other Comprehensive Income (Loss), Net of Tax", "documentation": "Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source." } } }, "auth_ref": ["r16", "r17", "r59", "r115", "r459", "r487", "r488"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Income (Loss)", "label": "AOCI Attributable to Parent [Member]", "documentation": "Accumulated increase (decrease) in equity from transactions and other events and circumstances from non-owner sources, attributable to the parent. Excludes net income (loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r1", "r9", "r17", "r332", "r335", "r385", "r483", "r484", "r749", "r750", "r751", "r756", "r757", "r758", "r759"] }, "ecd_Additional402vDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Additional402vDisclosureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Additional 402(v) Disclosure", "label": "Additional 402(v) Disclosure [Text Block]" } } }, "auth_ref": ["r685"] }, "us-gaap_AdditionalPaidInCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapital", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Additional paid in capital", "label": "Additional Paid in Capital", "documentation": "Amount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock." } } }, "auth_ref": ["r51", "r620", "r840"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Additional Paid-in Capital", "label": "Additional Paid-in Capital [Member]", "documentation": "Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } }, "auth_ref": ["r496", "r756", "r757", "r758", "r759", "r787", "r841"] }, "ecd_AdjToCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment to Compensation, Amount", "label": "Adjustment to Compensation Amount" } } }, "auth_ref": ["r698"] }, "ecd_AdjToCompAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToCompAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment to Compensation:", "label": "Adjustment to Compensation [Axis]" } } }, "auth_ref": ["r698"] }, "ecd_AdjToNonPeoNeoCompFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToNonPeoNeoCompFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment to Non-PEO NEO Compensation Footnote", "label": "Adjustment to Non-PEO NEO Compensation Footnote [Text Block]" } } }, "auth_ref": ["r698"] }, "ecd_AdjToPeoCompFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToPeoCompFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment To PEO Compensation, Footnote", "label": "Adjustment To PEO Compensation, Footnote [Text Block]" } } }, "auth_ref": ["r698"] }, "us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Tax withheld related to RSU settlement", "label": "Share-Based Payment Arrangement, Decrease for Tax Withholding Obligation", "documentation": "Amount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement." } } }, "auth_ref": [] }, "us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue", "crdr": "credit", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Share-based compensation", "label": "APIC, Share-Based Payment Arrangement, Increase for Cost Recognition", "documentation": "Amount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement." } } }, "auth_ref": ["r36", "r37", "r268"] }, "us-gaap_AdjustmentsToAdditionalPaidInCapitalWarrantIssued": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToAdditionalPaidInCapitalWarrantIssued", "crdr": "credit", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Warrant contra revenue", "label": "Adjustments to Additional Paid in Capital, Warrant Issued", "documentation": "Amount of increase in additional paid in capital (APIC) resulting from the issuance of warrants. Includes allocation of proceeds of debt securities issued with detachable stock purchase warrants." } } }, "auth_ref": ["r10", "r33", "r80"] }, "us-

gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Adjustments to reconcile net loss to net cash used in operating activities:", "label": "Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract]" } } } }, "auth_ref": [] }, "ecd_AggtChngPnsnValInSummryCompstnTblForAplblYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtChngPnsnValInSummryCompstnTblForAplblYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table", "label": "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member]" } } }, "auth_ref": ["r731"] }, "ecd_AggtErrCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtErrCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Aggregate Erroneous Compensation Amount", "label": "Aggregate Erroneous Compensation Amount" } } }, "auth_ref": ["r657", "r667", "r677", "r709"] }, "ecd_AggtErrCompNotYetDeterminedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtErrCompNotYetDeterminedTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Aggregate Erroneous Compensation Not Yet Determined", "label": "Aggregate Erroneous Compensation Not Yet Determined [Text Block]" } } }, "auth_ref": ["r660", "r670", "r680", "r712"] }, "ecd_AggtPnsnAdjsSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtPnsnAdjsSvcCstMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Aggregate Pension Adjustments Service Cost", "label": "Aggregate Pension Adjustments Service Cost [Member]" } } }, "auth_ref": ["r732"] }, "ecd_AllAdjToCompMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllAdjToCompMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "All Adjustments to Compensation", "label": "All Adjustments to Compensation [Member]" } } }, "auth_ref": ["r698"] }, "ecd_AllExecutiveCategoriesMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllExecutiveCategoriesMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "All Executive Categories", "label": "All Executive Categories [Member]" } } }, "auth_ref": ["r705"] }, "ecd_AllIndividualsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllIndividualsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure", "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure", "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "All Individuals", "label": "All Individuals [Member]" } } }, "auth_ref": ["r661", "r671", "r681", "r705", "r713", "r717", "r725"] }, "ecd_AllTradingArrangementsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllTradingArrangementsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "All Trading Arrangements", "label": "All Trading Arrangements [Member]" } } }, "auth_ref": ["r723"] }, "us-gaap_AllocatedShareBasedCompensationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllocatedShareBasedCompensationExpense", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofShareBasedCompensationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based compensation expense", "label": "Share-Based Payment Arrangement, Expense", "documentation": "Amount of expense for award under share-based payment arrangement. Excludes amount capitalized." } } }, "auth_ref": ["r297", "r301"] }, "dei_AmendmentFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AmendmentFlag", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Amendment Flag", "label": "Amendment Flag", "documentation": "Boolean flag that is true when the XBRL content amends previously-filed or accepted submission." } } }, "auth_ref": [] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "presentation": ["http://www.credosemi.com/role/NetLossPerShareScheduleofPotentiallyDilutiveSecuritiesOutstandingDetails"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive securities excluded from computation of earnings per share (in shares)", "label": "Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount", "documentation": "Securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented." } } }, "auth_ref": ["r155"] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis", "presentation": ["http://www.credosemi.com/role/NetLossPerShareScheduleofPotentiallyDilutiveSecuritiesOutstandingDetails"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities [Axis]", "label": "Antidilutive Securities [Axis]", "documentation": "Information by type of antidilutive security." } } }, "auth_ref": ["r24"] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems", "presentation": ["http://www.credosemi.com/role/NetLossPerShareScheduleofPotentiallyDilutiveSecuritiesOutstandingDetails"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items]", "label": "Antidilutive Securities Excluded from Computation of Earnings Per Share [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_AntidilutiveSecuritiesNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesNameDomain", "presentation": ["http://www.credosemi.com/role/NetLossPerShareScheduleofPotentiallyDilutiveSecuritiesOutstandingDetails"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities, Name [Domain]", "label": "Antidilutive Securities, Name [Domain]", "documentation": "Incremental common shares attributable to securities that were not included in diluted earnings per share (EPS) because to do so would increase EPS amounts or decrease loss per share amounts for the period presented." } } }, "auth_ref": ["r24"] }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "calculation": 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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. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": ["r20", "r110", "r581"] }, "us-gaap_CashAndCashEquivalentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAxis", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash and Cash Equivalents [Axis]", "label": "Cash and Cash Equivalents [Axis]", "documentation": "Information by type of cash and cash equivalent balance." } } }, "auth_ref": ["r110"] }, "us-gaap_CashAndCashEquivalentsFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsFairValueDisclosure", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails": { "parentTag": "us-gaap_AssetsFairValueDisclosure", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total cash equivalents and short-term investments", "label": "Cash and Cash Equivalents, Fair Value Disclosure", "documentation": "Fair value portion of 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": ["r789", "r790"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "periodStartLabel": "Cash and cash equivalents at beginning of the period", "periodEndLabel": "Cash and cash equivalents at end of the period", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage.

Excludes amount 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": ["r20", "r70", "r129"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "Net increase in cash and cash equivalents", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect", "documentation": "Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. 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": ["r0", "r70"] }, "us-gaap_CertificatesOfDepositMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CertificatesOfDepositMember", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Certificates of deposit", "label": "Certificates of Deposit [Member]", "documentation": "Short to medium-term investment available at banks and savings and loan institutions where a customer agrees to lend money to the institution for a certain amount of time and is paid a predetermined rate of interest. Certificates of deposit (CD) are typically Federal Deposit Insurance Corporation (FDIC) insured." } } }, "auth_ref": ["r8", "r642", "r643", "r644", "r645"] }, "ecd_ChangedPeerGroupFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChangedPeerGroupFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Changed Peer Group, Footnote", "label": "Changed Peer Group, Footnote [Text Block]" } } }, "auth_ref": ["r696"] }, "ecd_ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year", "label": "Change in Fair Value as of Vesting 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For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares." } } }, "auth_ref": ["r240"] }, "crdo_ClassOfWarrantOrRightNumberOfSharesVested": { "xbrltype": "sharesItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "ClassOfWarrantOrRightNumberOfSharesVested", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Number of shares vested upon warrant exercise (in shares)", "label": "Class of Warrant or Right, Number of Shares Vested", "documentation": "Class of Warrant or Right, Number of Shares Vested" } } }, "auth_ref": [] }, "ecd_CoSelectedMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Company Selected Measure Amount", "label": "Company Selected Measure Amount" } } }, 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the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur." } } }, "auth_ref": ["r47", "r88", "r457", "r510"] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Commitments and Contingencies Disclosure [Abstract]" } } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": 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"r757", "r759", "r787", "r839", "r841"] }, "us-gaap_CommonStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockParOrStatedValuePerShare", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, par value (in US dollars per share)", "label": "Common Stock, Par or Stated Value Per Share", "documentation": "Face amount or stated value per share of common stock." } } }, "auth_ref": ["r50"] }, "us-gaap_CommonStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock authorized (in shares)", "label": "Common Stock, Shares Authorized", "documentation": "The maximum number of common shares permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": ["r50", "r511"] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Common stock issued (in shares)", "label": "Common Stock, Shares, Issued", "documentation": "Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": ["r50"] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheetsParenthetical", "http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Common stock outstanding (in shares)", "periodStartLabel": "Beginning balance (in shares)", "periodEndLabel": "Ending balance (in shares)", "label": "Common Stock, Shares, Outstanding", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": ["r10", "r50", "r511", "r529", "r841", "r842"] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Ordinary shares, $0.00005 par value; 1,000,000 shares authorized; 165,965 and 164,305 shares issued and outstanding at August 3, 2024 and April 27, 2024, respectively", "label": "Common Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r50", "r458", "r620"] }, "ecd_CompActuallyPaidVsCoSelectedMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsCoSelectedMeasureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Company Selected Measure", "label": "Compensation Actually Paid vs. Company Selected Measure [Text Block]" } } }, "auth_ref": ["r702"] }, "ecd_CompActuallyPaidVsNetIncomeTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsNetIncomeTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Net Income", "label": "Compensation Actually Paid vs. Net Income [Text Block]" } } }, "auth_ref": ["r701"] }, "ecd_CompActuallyPaidVsOtherMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsOtherMeasureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Other Measure", "label": "Compensation Actually Paid vs. Other Measure [Text Block]" } } }, "auth_ref": ["r703"] }, "ecd_CompActuallyPaidVsTotalShareholderRtnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsTotalShareholderRtnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Total Shareholder Return", "label": "Compensation Actually Paid vs. Total Shareholder Return [Text Block]" } } }, "auth_ref": ["r700"] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofComprehensiveLoss": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofComprehensiveLoss", "http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "totalLabel": "Total comprehensive loss", "terseLabel": "Total comprehensive loss", "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": ["r18", "r119", "r121", "r125", "r451", "r468", "r469"] }, "crdo_ComputerEquipmentAndSoftwareMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "ComputerEquipmentAndSoftwareMember", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Computer equipment and software", "label": "Computer Equipment And Software [Member]", "documentation": "Computer Equipment And Software" } } }, "auth_ref": [] }, "us-gaap_ConcentrationRiskBenchmarkDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskBenchmarkDomain", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk Benchmark [Domain]", "label": "Concentration Risk Benchmark [Domain]", "documentation": "The denominator in a calculation of a disclosed concentration risk percentage." } } }, "auth_ref": ["r26", "r27", "r38", "r39", "r173", "r565"] }, "us-gaap_ConcentrationRiskByBenchmarkAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByBenchmarkAxis", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk Benchmark [Axis]", "label": "Concentration Risk Benchmark [Axis]", "documentation": "Information by benchmark of concentration risk." } } }, "auth_ref": ["r26", "r27", "r38", "r39", "r173", "r490", "r565"] }, "us-gaap_ConcentrationRiskByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByTypeAxis", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk Type [Axis]", "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": ["r26", "r27", "r38", "r39", "r173", "r565", "r736"] }, "us-gaap_ConcentrationRiskDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskDisclosureTextBlock", "presentation": ["http://www.credosemi.com/role/Concentrations"], "lang": { "en-us": { "role": { "terseLabel": "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": ["r74"] }, "us-gaap_ConcentrationRiskLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskLineItems", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk [Line Items]", "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": ["r565"] }, "us-gaap_ConcentrationRiskPercentage1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskPercentage1", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration risk percentage", "label": "Concentration Risk, Percentage", "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": ["r26", "r27", "r38", "r39", "r173"] }, "us-gaap_ConcentrationRiskTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTable", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk [Table]", "label": "Concentration Risk [Table]", "documentation": "Disclosure of information about concentration risk. Includes, but is not limited to, percentage of concentration risk and benchmark serving as denominator in calculation of percentage of concentration risk." } } }, "auth_ref": ["r25", "r26", "r27", "r28", "r38", "r85", "r565"] }, "us-gaap_ConcentrationRiskTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTypeDomain", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Concentration Risk Type [Domain]", "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": ["r26", "r27", "r38", "r39", "r173", "r565"] }, "us-gaap_ConstructionInProgressMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConstructionInProgressMember", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Construction in progress", "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_ContractWithCustomerAssetNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerAssetNetCurrent", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Contract assets", "label": "Contract with Customer, Asset, after Allowance for Credit Loss, Current", "documentation": "Amount, after allowance for credit loss, of right to consideration in exchange for good or service transferred to customer when right is conditioned on something other than passage of time, classified as current." } } }, "auth_ref": ["r242", "r244", "r255"] }, "us-gaap_ContractWithCustomerLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityCurrent", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Deferred revenue", "label": "Contract with Customer, Liability, Current", "documentation": "Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current." } } }, "auth_ref": ["r242", "r243", "r255"] }, "us-gaap_ContractWithCustomerLiabilityRevenueRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityRevenueRecognized", "crdr": "credit", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Previously deferred revenue recognized", "label": "Contract with Customer, Liability, Revenue Recognized", "documentation": "Amount of revenue recognized that was previously included in balance of obligation to transfer good or service to customer for which consideration from customer has been received or is due." } } }, "auth_ref": ["r256"] }, "us-gaap_CostOfGoodsAndServicesSold": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServicesSold", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations": { "parentTag": "us-gaap_GrossProfit", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Cost of revenue", "label": "Cost of Goods and Services Sold", "documentation": "The aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities." } } }, "auth_ref": ["r62", "r63", "r418"] }, "us-gaap_CostOfRevenueAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfRevenueAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Cost of revenue:", "label": "Cost of Revenue [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CostOfSalesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfSalesMember", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofShareBasedCompensationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cost of revenue", "label": "Cost of Sales [Member]", "documentation": "Primary financial statement caption encompassing cost of sales." } } }, "auth_ref": [] }, "dei_CoverAbstract": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CoverAbstract", "lang": { "en-us": { "role": { "label": "Cover [Abstract]", "documentation": "Cover page." } } }, "auth_ref": [] }, "dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Current Fiscal Year End Date", "label": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format --MM-DD." } } }, "auth_ref": [] }, "crdo_CustomerAMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "CustomerAMember", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer A", "label": "Customer A [Member]", "documentation": "Customer A" } } }, "auth_ref": [] }, "crdo_CustomerBMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "CustomerBMember", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer B", "label": "Customer B [Member]", "documentation": "Customer B" } } }, "auth_ref": [] }, "crdo_CustomerCMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "CustomerCMember", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer C", "label": "Customer C [Member]", "documentation": "Customer C" } } }, "auth_ref": [] }, "us-gaap_CustomerConcentrationRiskMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerConcentrationRiskMember", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer Concentration Risk", "label": "Customer Concentration Risk [Member]", "documentation": "Reflects the percentage that revenues in the period from one or more significant customers is to net revenues, as defined by the entity, such as total net revenues, product line revenues, segment revenues. The risk is the materially adverse effects of loss of a significant customer." } } }, "auth_ref": ["r75", "r173"] }, "crdo_DanielFlemingMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "DanielFlemingMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Daniel Fleming [Member]", "documentation": "Daniel Fleming" } } }, "auth_ref": [] }, "us-gaap_DepositsAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepositsAssets", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Refundable deposits", "label": "Deposits Assets", "documentation": "Carrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment in the future." } } }, "auth_ref": ["r746"] }, "us-gaap_DepositsAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepositsAssetsCurrent", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Refundable deposits, current", "label": "Deposits Assets, Current", "documentation": "Carrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment within one year or during the operating cycle, if shorter." } } }, "auth_ref": ["r747"] }, "us-gaap_DepositsAssetsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepositsAssetsNoncurrent", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Refundable deposits, noncurrent", "label": "Deposits Assets, Noncurrent", "documentation": "Carrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment after one year or beyond the operating cycle, if longer." } } }, "auth_ref": ["r746"] }, "us-gaap_DepreciationDepletionAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepreciationDepletionAndAmortization", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows", "http://www.credosemi.com/role/SupplementalFinancialInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Depreciation and amortization", "label": "Depreciation, Depletion and Amortization", "documentation": "The aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets." } } }, "auth_ref": ["r5", "r159", "r165", "r169", "r589", "r590"] }, "us-gaap_DisaggregationOfRevenueLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueLineItems", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation of Revenue [Line Items]", "label": "Disaggregation of Revenue [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": ["r254", "r596", "r597", "r598", "r599", "r600", "r601", "r602"] }, "us-gaap_DisaggregationOfRevenueTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTable", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation of Revenue [Table]", "label": "Disaggregation of Revenue [Table]", "documentation": "Disclosure of information about disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor." } } }, "auth_ref": ["r254", "r596", "r597", "r598", "r599", "r600", "r601", "r602"] }, "us-gaap_DisaggregationOfRevenueTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTableTextBlock", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionTables"], "lang": { "en-us": { "role": { "terseLabel": "Revenue Disaggregated by Primary Geographical Market", "label": "Disaggregation of Revenue [Table Text Block]", "documentation": "Tabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor." } } }, "auth_ref": ["r782"] }, "us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlan"], "lang": { "en-us": { "role": { "terseLabel": "Share Incentive Plan", "label": "Share-Based Payment Arrangement [Text Block]", "documentation": "The entire disclosure for share-based payment arrangement." } } }, "auth_ref": ["r266", "r270", "r298", "r299", "r300", "r607"] }, "us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract", "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement [Abstract]" } } }, "auth_ref": [] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalPeriodFocus", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Document Fiscal Period Focus", "label": "Document Fiscal Period Focus", "documentation": "Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY." } } }, "auth_ref": [] }, "dei_DocumentFiscalYearFocus": { "xbrltype": "gYearItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalYearFocus", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Document Fiscal Year Focus", "label": "Document Fiscal Year Focus", "documentation": "This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006." } } }, "auth_ref": [] }, "dei_DocumentPeriodEndDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentPeriodEndDate", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Document Period End Date", "label": "Document Period End Date", "documentation": "For the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD." } } }, "auth_ref": [] }, "dei_DocumentQuarterlyReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentQuarterlyReport", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Document Quarterly Report", "label": "Document Quarterly Report", "documentation": "Boolean flag that is true only for a form used as an quarterly report." } } }, "auth_ref": ["r652"] }, "dei_DocumentTransitionReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTransitionReport", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Document Transition Report", "label": "Document Transition Report", "documentation": "Boolean flag that is true only for a form used as a transition report." } } }, "auth_ref": ["r684"] }, "dei_DocumentType": { "xbrltype": "submissionTypeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentType", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Document Type", "label": "Document Type", "documentation": "The type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'." } } }, "auth_ref": [] }, "ecd_DvddsOrOthrErngsPdOnEqtyAwrdsNtOthrwsRflctdInTtlCompForCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "DvddsOrOthrErngsPdOnEqtyAwrdsNtOthrwsRflctdInTtlCompForCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year", "label": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member]" } } }, "auth_ref": ["r695"] }, "us-gaap_EarningsPerShareAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareAbstract", "lang": { "en-us": { "role": { "label": "Earnings Per Share [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareBasic": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasic", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations", "http://www.credosemi.com/role/NetLossPerShareScheduleofNetLossPerShareBasicandDilutedDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Basic (in US dollars per share)", "label": "Earnings Per Share, Basic", "documentation": "The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period." } } }, "auth_ref": ["r126", "r138", "r139", "r140", "r141", "r142", "r143", "r148", "r150", "r152", "r153", "r154", "r158", "r323", "r326", "r339", "r340", "r452", "r470", "r586"] }, "us-gaap_EarningsPerShareBasicAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasicAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations", "http://www.credosemi.com/role/NetLossPerShareScheduleofNetLossPerShareBasicandDilutedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net loss per share:", "label": "Earnings Per Share, Basic [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDiluted", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations", "http://www.credosemi.com/role/NetLossPerShareScheduleofNetLossPerShareBasicandDilutedDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Diluted (in US dollars per share)", "label": "Earnings Per Share, Diluted", "documentation": "The amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period." } } }, "auth_ref": ["r126", "r138", "r139", "r140", "r141", "r142", "r143", "r150", "r152", "r153", "r154", "r158", "r323", "r326", "r339", "r340", "r452", "r470", "r586"] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareTextBlock", "presentation": [

"http://www.credosemi.com/role/NetLossPerShare"], "lang": { "en-us": { "role": { "terseLabel": "Net Loss Per Share", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": ["r147", "r155", "r156", "r157"] }, "us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Effect of exchange rate changes on cash", "label": "Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations", "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": ["r362"] }, "us-gaap_EffectiveIncomeTaxRateContinuingOperations": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateContinuingOperations", "presentation": ["http://www.credosemi.com/role/IncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Effective tax rate", "label": "Effective Income Tax Rate Reconciliation, Percent", "documentation": "Percentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": ["r306", "r608"] }, "us-gaap_EffectiveIncomeTaxRateReconciliationChangeInEnactedTaxRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationChangeInEnactedTaxRate", "presentation": ["http://www.credosemi.com/role/IncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Effective income tax rate reconciliation, change in enacted tax rate, percent", "label": "Effective Income Tax Rate Reconciliation, Change in Enacted Tax Rate, Percent", "documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to changes in the income tax rates." } } }, "auth_ref": ["r307", "r608", "r755", "r785"] }, "us-gaap_EmployeeRelatedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeRelatedLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Accrued compensation and benefits", "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": ["r43"] }, "us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsLineItems", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofShareBasedCompensationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement, Expensed and Capitalized, Amount [Line Items]", "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [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_EmployeeStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeStockMember", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanNarrativeDetails", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "ESPP", "label": "Employee Stock [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://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Employee Stock Option", "label": "Share-Based Payment Arrangement, 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": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line One", "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine2": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine2", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line Two", "label": "Entity Address, Address Line Two", "documentation": "Address Line 2 such as Street or Suite number" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, City or Town", "label": "Entity Address, City or Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressCountry": { "xbrltype": "countryCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCountry", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Country", "label": "Entity Address, Country", "documentation": "ISO 3166-1 alpha-2 country code." } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Postal Zip Code", "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref": [] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Central Index Key", "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": ["r650"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Common Stock, Shares Outstanding", "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://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Current Reporting Status", "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://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Emerging Growth Company", "label": "Entity Emerging Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": ["r650"] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity File Number", "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://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Filer Category", "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": ["r650"] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Incorporation, State or Country Code", "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://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Entity Interactive Data Current", "label": "Entity Interactive Data Current", 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These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r342", "r343", "r353", "r609"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, Recurring and Nonrecurring [Table]", "label": "Fair Value, Recurring and Nonrecurring [Table]", "documentation": "Disclosure of information about asset and liability measured at fair value on recurring and nonrecurring basis." } } }, "auth_ref": ["r342", "r343", "r353", "r609"] }, "us-gaap_FairValueAssetsMeasuredOnRecurringBasisTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsMeasuredOnRecurringBasisTextBlock", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Fair Value Measurements, Recurring", "label": "Fair Value, Assets Measured on Recurring Basis [Table Text Block]", "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": [

"r789", "r790"] }, "us-gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByFairValueHierarchyLevelAxis", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Hierarchy and NAV [Axis]", "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": ["r237", "r259", "r260", "r261", "r262", "r263", "r264", "r341", "r343", "r344", "r345", "r346", "r352", "r353", "r355", "r389", "r390", "r391", "r593", "r594", "r603", "r604", "r605", "r609", "r612"] }, "us-gaap_FairValueByMeasurementFrequencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByMeasurementFrequencyAxis", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Frequency [Axis]", "label": "Measurement Frequency [Axis]", "documentation": "Information by measurement frequency." } } }, "auth_ref": ["r342", "r343", "r344", "r346", "r609", "r792", "r795"] }, "us-gaap_FairValueDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresAbstract", "lang": { "en-us": { "role": { "label": "Fair Value Disclosures [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FairValueDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": ["http://www.credosemi.com/role/FairValueMeasurements"], "lang": { "en-us": { "role": { "terseLabel": "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": ["r348", "r350", "r351", "r352", "r355", "r356", "r357", "r358", "r359", "r449", "r609", "r613"] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level 1", "label": "Fair Value, Inputs, Level 1 [Member]", "documentation": "Quoted prices in active markets for identical assets or liabilities that the reporting entity can access at the measurement date." } } }, "auth_ref": ["r237", "r259", "r264", "r343", "r353", "r389", "r603", "r604", "r605", "r609"] }, "us-gaap_FairValueInputsLevel2Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel2Member", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level 2", "label": "Fair Value, Inputs, Level 2 [Member]", "documentation": "Inputs other than quoted prices included within level 1 that are observable for an asset or liability, either directly or indirectly, including, but not limited to, quoted prices for similar assets or liabilities in active markets, or quoted prices for identical or similar assets or liabilities in inactive markets." } } }, "auth_ref": ["r237", "r259", "r264", "r343", "r344", "r353", "r390", "r593", "r594", "r603", "r604", "r605", "r609"] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel3Member", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Level 3", "label": "Fair Value, Inputs, Level 3 [Member]", "documentation": "Unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": ["r237", "r259", "r260", "r261", "r262", "r263", "r264", "r343", "r344", "r345", "r346", "r353", "r391", "r593", "r594", "r603", "r604", "r605", "r609", "r612"] }, "us-gaap_FairValueMeasurementFrequencyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementFrequencyDomain", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Frequency [Domain]", "label": "Measurement Frequency [Domain]", "documentation": "Measurement frequency." } } }, "auth_ref": ["r342", "r343", "r344", "r346", "r609", "r792", "r795"] }, "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Hierarchy and NAV [Domain]", "label": "Fair Value Hierarchy and NAV [Domain]", "documentation": "Categories used to prioritize the inputs to valuation techniques to measure fair value." } } }, "auth_ref": ["r237", "r259", "r260", "r261", "r262", "r263", "r264", "r341", "r343", "r344", "r345", "r346", "r352", "r353", "r355", "r389", "r390", "r391", "r593", "r594", "r603", "r604", "r605", "r609", "r612"] }, "us-gaap_FairValueMeasurementsRecurringMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsRecurringMember", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, Recurring", "label": "Fair Value, Recurring [Member]", "documentation": "Frequent fair value measurement. Includes, but is not limited to, fair value adjustment for impairment of asset, liability or equity, frequently measured at fair value." } } }, "auth_ref": ["r609", "r789", "r790", "r791", "r792", "r793", "r795"] }, "us-gaap_FinancialInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancialInstrumentAxis", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financial Instrument [Axis]", "label": "Financial Instrument [Axis]", "documentation": "Information by type of financial instrument." } } }, "auth_ref": ["r175", "r176", "r177", "r178", "r179", "r180", "r181", "r182", "r183", "r184", "r185", "r186", "r187", "r188", "r189", "r190", "r191", "r192", "r193", "r194", "r195", "r196", "r197", "r198", "r199", "r200", "r201", "r202", "r203", "r204", "r208", "r209", "r210", "r211", "r212", "r213", "r214", "r215", "r238", "r239", "r337", "r360", 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Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability." } } }, "auth_ref": ["r370"] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "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": ["r14", "r42", "r43", "r44", "r45", "r46", "r47", "r48", "r131", "r205", "r228", "r229", "r230", "r231", "r232", "r233", "r234", "r235", "r236", "r328", "r329", "r330", "r361", "r509", "r587", "r648", "r779", "r800", "r801"] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities and shareholders' 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": ["r55", "r89", "r461", "r620", "r754", "r772", "r796"] }, "us-gaap_LiabilitiesAndStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquityAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Liabilities and Shareholders' Equity", "label": "Liabilities and Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "totalLabel": "Total current liabilities", "label": "Liabilities, Current", "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": ["r44", "r109", "r131", "r205", "r228", "r229", "r230", "r231", "r232", "r233", "r234", "r235", "r236", "r328", "r329", "r330", "r361", "r620", "r779", "r800", "r801"] }, "us-gaap_LiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrentAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Current liabilities:", "label": "Liabilities, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LicenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LicenseMember", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "IP license", "label": "License [Member]", "documentation": "Right to use intangible asset. Intangible asset includes, but is not limited to, patent, copyright, technology, manufacturing process, software or trademark." } } }, "auth_ref": ["r783"] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Local Phone Number", "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LongTermPurchaseCommitmentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermPurchaseCommitmentLineItems", "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails", "http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-term Purchase Commitment [Line Items]", "label": "Long-Term Purchase Commitment [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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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": ["r128"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Cash flows from financing activities:", "label": "Net Cash Provided by (Used in) Financing Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "Net cash provided by (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. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets." } } }, "auth_ref": ["r128"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Cash flows from investing activities:", "label": "Net Cash Provided by (Used in) Investing Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInOperatingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivities", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "Net cash provided by (used in) operating activities", "label": "Net Cash Provided by (Used in) Operating Activities", "documentation": "Amount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } }, "auth_ref": ["r70", "r71", "r72"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Cash flows from operating activities:", "label": "Net Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofComprehensiveLoss": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 2.0 }, "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 11.0 }, "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows", "http://www.credosemi.com/role/CondensedConsolidatedStatementsofComprehensiveLoss", "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations", "http://www.credosemi.com/role/NetLossPerShareScheduleofNetLossPerShareBasicandDilutedDetails", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "totalLabel": "Net loss", "terseLabel": "Net loss", "label": "Net Income (Loss) Attributable to Parent", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": ["r65", "r72", "r93", "r107", "r118", "r120", "r124", "r131", "r136", "r138", "r139", "r140", "r141", "r142", "r145", "r146", "r151", "r205", "r228", "r229", "r230", "r231", "r232", "r233", "r234", "r235", "r236", "r323", "r326", "r340", "r361", "r465", "r531", "r548", "r549", "r647", "r779"] }, "us-gaap_NetIncomeLossAvailableToCommonStockholdersDilutedAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

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Includes, but is not limited to, quantification of the expected or actual impact." } } }, "auth_ref": [] }, "ecd_NonGaapMeasureDescriptionTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonGaapMeasureDescriptionTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Non-GAAP Measure Description", "label": "Non-GAAP Measure Description [Text Block]" } } }, "auth_ref": ["r697"] }, "ecd_NonNeosMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonNeosMember", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Non-NEOs", "label": "Non-NEOs [Member]" } } }, "auth_ref": ["r661", "r671", "r681", "r705", "r713"] }, "ecd_NonPeoNeoAvgCompActuallyPaidAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoAvgCompActuallyPaidAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Non-PEO NEO Average Compensation Actually Paid Amount", "label": "Non-PEO NEO Average Compensation Actually Paid Amount" } } }, "auth_ref": ["r688"] }, "ecd_NonPeoNeoAvgTotalCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoAvgTotalCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Non-PEO NEO Average Total Compensation Amount", "label": "Non-PEO NEO Average Total Compensation Amount" } } }, "auth_ref": ["r687"] }, "ecd_NonPeoNeoMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Non-PEO NEO", "label": "Non-PEO NEO [Member]" } } }, "auth_ref": ["r705"] }, "ecd_NonRule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Non-Rule 10b5-1 Arrangement Adopted", "label": "Non-Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": ["r724"] }, "ecd_NonRule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrTrmntdFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Non-Rule 10b5-1 Arrangement Terminated", "label": "Non-Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": ["r724"] }, "us-gaap_OperatingExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpenses", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "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://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Operating expenses:", "label": "Operating Expenses [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OperatingIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingIncomeLoss", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "totalLabel": "Operating loss", "label": "Operating Income (Loss)", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": ["r96", "r588", "r762", "r763", "r764", "r765", "r766"] }, "us-gaap_OperatingLeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseCost", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/LeasesLeaseExpenseandSupplementalCashFlowInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating lease expenses", "label": "Operating Lease, Cost", "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": ["r377", "r619"] }, "us-gaap_OperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiability", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/LeasesAggregateFutureLeasePaymentsDetails": { "parentTag": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/LeasesAggregateFutureLeasePaymentsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Present value of lease liabilities", "label": "Operating Lease, Liability", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease." } } }, "auth_ref": ["r373"] }, "us-gaap_OperatingLeaseLiabilityCurrent": { "xbrltype": 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"Weighted average discount rate used for operating leases", "label": "Operating Lease, Weighted Average Discount Rate, Percent", "documentation": "Weighted average discount rate for operating lease calculated at point in time." } } }, "auth_ref": ["r381", "r619"] }, "us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseWeightedAverageRemainingLeaseTerm1", "presentation": ["http://www.credosemi.com/role/LeasesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Weighted average remaining lease term", "label": "Operating Lease, Weighted Average Remaining Lease Term", "documentation": "Weighted average remaining lease term for operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r380", "r619"] }, 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organization, consolidation and basis of presentation of financial statements disclosure." } } }, "auth_ref": ["r40", "r83", "r491", "r492"] }, "us-gaap_OtherAssetsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsNoncurrent", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Other non-current assets", "label": "Other Assets, Noncurrent", "documentation": "Amount of noncurrent assets classified as other." } } }, "auth_ref": ["r113"] }, "us-gaap_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": 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"Obligations not otherwise itemized or categorized in the footnotes to the financial statements that are expected to be paid after one year (or the normal operating cycle, if longer), from the balance sheet date." } } }, "auth_ref": ["r46", "r87"] }, "ecd_OutstandingAggtErrCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingAggtErrCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Outstanding Aggregate Erroneous Compensation Amount", "label": "Outstanding Aggregate Erroneous Compensation Amount" } } }, "auth_ref": ["r659", "r669", "r679", "r711"] }, "ecd_OutstandingRecoveryCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingRecoveryCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Compensation Amount", "label": "Outstanding 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Individual Name" } } }, "auth_ref": ["r662", "r672", "r682", "r714"] }, "crdo_PantasSutardjaMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "PantasSutardjaMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Pantas Sutardja [Member]", "documentation": "Pantas Sutardja" } } }, "auth_ref": [] }, "ecd_PayVsPerformanceDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PayVsPerformanceDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Pay vs Performance Disclosure [Line Items]" } } }, "auth_ref": ["r686"] }, "crdo_PaymentsForRecordedUnconditionalPurchaseObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "PaymentsForRecordedUnconditionalPurchaseObligation", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Payments on technology license obligations", "label": "Payments For Recorded Unconditional Purchase Obligation", "documentation": "Payments For Recorded Unconditional Purchase Obligation" } } }, "auth_ref": [] }, "us-gaap_PaymentsRelatedToTaxWithholdingForShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsRelatedToTaxWithholdingForShareBasedCompensation", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Tax withheld related to RSU settlement", "label": "Payment, Tax Withholding, Share-Based Payment Arrangement", "documentation": "Amount of cash outflow to satisfy grantee's tax withholding obligation for award under share-based payment arrangement." } } }, "auth_ref": ["r127"] }, "us-gaap_PaymentsToAcquirePropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquirePropertyPlantAndEquipment", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Purchases of property and equipment", "label": "Payments to Acquire Property, Plant, and Equipment", "documentation": "The cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets." } } }, "auth_ref": ["r69"] }, "us-gaap_PaymentsToAcquireShortTermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireShortTermInvestments", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Purchases of short-term investments", "label": "Payments to Acquire Short-Term Investments", "documentation": "The cash outflow for securities or other assets acquired, which qualify for treatment as an investing activity and are to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term." } } }, "auth_ref": ["r68"] }, "ecd_PeerGroupIssuersFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupIssuersFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Peer Group Issuers, Footnote", "label": "Peer Group Issuers, Footnote [Text Block]" } } }, "auth_ref": ["r696"] }, "ecd_PeerGroupTotalShareholderRtnAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupTotalShareholderRtnAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Peer Group Total Shareholder Return Amount", "label": "Peer Group Total Shareholder Return Amount" } } }, "auth_ref": ["r696"] }, "ecd_PeoActuallyPaidCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoActuallyPaidCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "PEO Actually Paid Compensation Amount", "label": "PEO Actually Paid Compensation Amount" } } }, "auth_ref": ["r688"] }, "ecd_PeoMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "PEO", "label": "PEO [Member]" } } }, "auth_ref": ["r705"] }, "ecd_PeoName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "PEO Name", "label": "PEO Name" } } }, "auth_ref": ["r698"] }, "ecd_PeoTotalCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoTotalCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "PEO Total Compensation Amount", "label": "PEO Total Compensation Amount" } } }, "auth_ref": ["r687"] }, "ecd_PnsnAdjsPrrSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnAdjsPrrSvcCstMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Pension Adjustments Prior Service Cost", "label": "Pension Adjustments Prior Service Cost [Member]" } } }, "auth_ref": ["r689"] }, "ecd_PnsnAdjsSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnAdjsSvcCstMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Pension Adjustments Service Cost", "label": "Pension Adjustments Service Cost [Member]" } } }, "auth_ref": ["r733"] }, "ecd_PnsnBnftsAdjFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnBnftsAdjFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Pension Benefits Adjustments, Footnote", "label": "Pension Benefits Adjustments, Footnote [Text Block]" } } }, "auth_ref": ["r688"] }, "us-gaap_PrepaidExpenseAndOtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseAndOtherAssetsCurrent", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Prepaid expenses and other current assets", "label": "Prepaid Expense and Other Assets, Current", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r748"] }, "us-gaap_PriorPeriodReclassificationAdjustmentDescription": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PriorPeriodReclassificationAdjustmentDescription", "presentation": ["http://www.credosemi.com/role/SignificantAccountingPoliciesPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Reclassifications", "label": "Reclassification, Comparability Adjustment [Policy Text Block]", "documentation": "Disclosure of accounting policy for reclassification affecting comparability of financial statement. Excludes amendment to accounting standards, other change in accounting principle, and correction of error." } } }, "auth_ref": ["r744"] }, "us-gaap_ProceedsFromIssuanceOfSharesUnderIncentiveAndShareBasedCompensationPlansIncludingStockOptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfSharesUnderIncentiveAndShareBasedCompensationPlansIncludingStockOptions", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from employee share incentive plans", "label": "Proceeds, Issuance of Shares, Share-Based Payment Arrangement, Including Option Exercised", "documentation": "Amount of cash inflow from issuance of shares under share-based payment arrangement. Includes, but is not limited to, option exercised." } } }, "auth_ref": ["r2", "r13"] }, "us-gaap_ProceedsFromSaleMaturityAndCollectionOfShorttermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleMaturityAndCollectionOfShorttermInvestments", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "verboseLabel": "Maturities of short-term investments", "label": "Proceeds from Sale, Maturity and Collection of Short-Term Investments", "documentation": "The cash inflow from sales, maturities, prepayments, calls and collections of all investments, including securities and other assets, having ready marketability and intended by management to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term." } } }, "auth_ref": ["r19"] }, "crdo_ProductEngineeringServicesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "ProductEngineeringServicesMember", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Product engineering services", "label": "Product Engineering Services [Member]", "documentation": "Product Engineering Services" } } }, "auth_ref": [] }, "us-gaap_ProductMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProductMember", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Product sales", "label": "Product [Member]", "documentation": "Article or substance produced by nature, labor or machinery." } } }, "auth_ref": ["r596"] }, "srt_ProductOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductOrServiceAxis", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Product and Service [Axis]", "label": "Product and Service [Axis]" } } }, "auth_ref": ["r170", "r418", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r579", "r596", "r630", "r632", "r633", "r636", "r637", "r777", "r778", "r782", "r809", "r811", "r812", "r813", "r814", "r815", "r816", "r817", "r818", "r819", "r820", "r821", "r822", "r823", "r824", "r825", "r826", "r827", "r828", "r829", "r830", "r831", "r832", "r833", "r834", "r835", "r836", "r837", "r838"] }, "crdo_ProductionEquipmentMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "ProductionEquipmentMember", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Production equipment", "label": "Production Equipment [Member]", "documentation": "Production Equipment" } } }, "auth_ref": [] }, "srt_ProductsAndServicesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductsAndServicesDomain", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Product and Service [Domain]", "label": "Product and Service [Domain]" } } }, "auth_ref": ["r170", "r418", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r579", "r596", "r630", "r632", "r633", "r636", "r637", "r777", "r778", "r782", "r809", "r811", "r812", "r813", "r814", "r815", "r816", "r817", "r818", "r819", "r820", "r821", "r822", "r823", "r824", "r825", "r826", "r827", "r828", "r829", "r830", "r831", "r832", "r833", "r834", "r835", "r836", "r837", "r838"] }, "us-gaap_PropertyPlantAndEquipmentByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentByTypeAxis", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-Lived Tangible Asset [Axis]", "label": "Long-Lived Tangible Asset [Axis]", "documentation": "Information by type of long-lived, physical assets used to produce goods and services and not intended for resale." } } }, "auth_ref": ["r6", "r383"] }, "us-gaap_PropertyPlantAndEquipmentGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentGross", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Property and equipment, gross", "label": "Property, Plant and Equipment, Gross", "documentation": "Amount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r78", "r111", "r463"] }, "us-gaap_PropertyPlantAndEquipmentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentLineItems", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant and Equipment [Line Items]", "label": "Property, Plant and Equipment [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r6", "r383", "r454", "r463", "r620"] }, "us-gaap_PropertyPlantAndEquipmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTextBlock", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Property and Equipment, Net", "label": "Property, Plant and Equipment [Table Text Block]", "documentation": "Tabular disclosure of 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": ["r6"] }, "us-gaap_PropertyPlantAndEquipmentTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTypeDomain", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-Lived Tangible Asset [Domain]", "label": "Long-Lived Tangible Asset [Domain]", "documentation": "Listing of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale. Examples include land, buildings, machinery and equipment, and other types of furniture and equipment including, but not limited to, office equipment, furniture and fixtures, and computer equipment and software." } } }, "auth_ref": ["r78", "r383"] }, "crdo_PurchaseObligationToBePaidWithinTheNextYear": { "xbrltype": "monetaryItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "PurchaseObligationToBePaidWithinTheNextYear", "crdr": "credit", "presentation": ["http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Purchase obligations within the next one year", "label": "Purchase Obligation, to be Paid, Within The Next Year", "documentation": "Purchase Obligation, to be Paid, Within The Next Year" } } }, "auth_ref": [] }, "ecd_PvpTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTable", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Pay vs Performance Disclosure", "label": "Pay vs Performance Disclosure [Table]" } } }, "auth_ref": ["r686"] }, "ecd_PvpTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTableTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Pay vs Performance Disclosure, Table", "label": "Pay vs Performance [Table Text Block]" } } }, "auth_ref": ["r686"] }, "crdo_RESTOFTHEWORLDMember": { "xbrltype": "domainItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "RESTOFTHEWORLDMember", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Rest of World", "label": "REST OF THE WORLD [Member]", "documentation": "REST OF THE WORLD" } } }, "auth_ref": [] }, "srt_RangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": ["http://www.credosemi.com/role/LeasesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement [Axis]", "label": "Statistical Measurement [Axis]" } } }, "auth_ref": ["r224", "r225", "r226", "r227", "r258", "r265", "r293", "r294", "r295", "r302",

"r346", "r392", "r401", "r417", "r479", "r481", "r489", "r501", "r502", "r553", "r555", "r557", "r558", "r560", "r576", "r577", "r591", "r595", "r606", "r612", "r613", "r617", "r618", "r632", "r640", "r774", "r781", "r792", "r803", "r804", "r805", "r806", "r807"] }, "srt_RangeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": ["http://www.credosemi.com/role/LeasesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement [Domain]", "label": "Statistical Measurement [Domain]" } } }, "auth_ref": ["r224", "r225", "r226", "r227", "r258", "r265", "r293", "r294", "r295", "r302", "r346", "r392", "r401", "r417", "r479", "r481", "r489", "r501", "r502", "r553", "r555", "r557", "r558", "r560", "r576", "r577", "r591", "r595", "r606", "r612", "r613", "r617", "r618", "r632", "r640", "r774", "r781", "r792", "r803", "r804", "r805", "r806", "r807"] }, "us-gaap_RecordedUnconditionalPurchaseObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligation", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total unconditional purchase commitments", "label": "Recorded Unconditional Purchase Obligation", "documentation": "Amount of the recorded obligation to transfer funds in the future for fixed or minimum amounts or quantities of goods or services at fixed or minimum prices (for example, as in take-or-pay contracts or throughput contracts)." } } }, "auth_ref": ["r223"] }, "us-gaap_RecordedUnconditionalPurchaseObligationByCategoryOfItemPurchasedAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationByCategoryOfItemPurchasedAxis", "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails", "http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Recorded Unconditional Purchase Obligation by Category of Item Purchased [Axis]", "label": "Recorded Unconditional Purchase Obligation by Category of Item Purchased [Axis]", "documentation": "Information by category of product and service for recorded unconditional purchase arrangement to acquire product or service or both." } } }, "auth_ref": ["r223"] }, "us-gaap_RecordedUnconditionalPurchaseObligationCategoryDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationCategoryDomain", "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails", "http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Recorded Unconditional Purchase Obligation, Category [Domain]", "label": "Recorded Unconditional Purchase Obligation, Category [Domain]", "documentation": "Category of product or service for recorded unconditional purchase arrangement to acquire product or service." } } }, "auth_ref": ["r223"] }, "us-gaap_RecordedUnconditionalPurchaseObligationDueInFourthYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationDueInFourthYear", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails": { "parentTag": "us-gaap_RecordedUnconditionalPurchaseObligation", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2029", "label": "Recorded Unconditional Purchase Obligation, to be Paid, Year Four", "documentation": "Amount of recorded unconditional purchase 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": ["r223"] }, "us-gaap_RecordedUnconditionalPurchaseObligationDueInRemainderOfFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationDueInRemainderOfFiscalYear", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails": { "parentTag": "us-gaap_RecordedUnconditionalPurchaseObligation", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Remainder of 2025", "label": "Recorded Unconditional Purchase Obligation, to be Paid, Remainder of Fiscal Year", "documentation": "Amount of recorded unconditional purchase obligation to be paid in remainder of current fiscal year." } } }, "auth_ref": [] }, "us-gaap_RecordedUnconditionalPurchaseObligationDueInSecondYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationDueInSecondYear", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails": { "parentTag": "us-gaap_RecordedUnconditionalPurchaseObligation", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2027", "label": "Recorded Unconditional Purchase Obligation, to be Paid, Year Two", "documentation": "Amount of recorded unconditional purchase obligation 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": ["r223"] }, "us-gaap_RecordedUnconditionalPurchaseObligationDueInThirdYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationDueInThirdYear", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails": { "parentTag": "us-gaap_RecordedUnconditionalPurchaseObligation", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2028", "label": "Recorded Unconditional Purchase Obligation, to be Paid, Year Three", "documentation": "Amount of recorded unconditional purchase obligation 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": ["r223"] }, "us-gaap_RecordedUnconditionalPurchaseObligationDueWithinOneYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationDueWithinOneYear", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails": { "parentTag": "us-gaap_RecordedUnconditionalPurchaseObligation", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesScheduleofNonCancelablePurchaseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2026", "label": "Recorded Unconditional Purchase Obligation, to be Paid, Year One", "documentation": "Amount of recorded unconditional purchase 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": ["r223"] }, "crdo_RecordedUnconditionalPurchaseObligationToBePaidYearOneThroughFive": { "xbrltype": "monetaryItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "RecordedUnconditionalPurchaseObligationToBePaidYearOneThroughFive", "crdr": "credit", "presentation": ["http://www.credosemi.com/role/CommitmentsandContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Purchase commitments to be paid, remainder of fiscal year 2025 through 2029", "label": "Recorded Unconditional Purchase Obligation, To Be Paid, Year One Through Five", "documentation": "Recorded Unconditional Purchase Obligation, To Be Paid, Year One Through Five" } } }, "auth_ref": [] }, "us-gaap_RecordedUnconditionalPurchaseObligationsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationsTextBlock", "presentation": ["http://www.credosemi.com/role/CommitmentandContingenciesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Non-Cancelable Purchase Obligations", "label": "Recorded Unconditional Purchase Obligations [Table Text Block]", "documentation": "Tabular disclosure of unconditional purchase obligation recognized as liability." } } }, "auth_ref": ["r7", "r775"] }, "ecd_RecoveryOfErrCompDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RecoveryOfErrCompDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Recovery of Erroneously Awarded Compensation Disclosure [Line Items]" } } }, "auth_ref": ["r654", "r664", "r674", "r706"] }, "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Research and development", "label": "Research and Development Expense", "documentation": "Amount of expense for research and development. 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": ["r303", "r578", "r589", "r808"] }, "us-gaap_ResearchAndDevelopmentExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpenseMember", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofShareBasedCompensationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Research and development", "label": "Research and Development Expense [Member]", "documentation": "Primary financial statement caption in which the reported facts about research and development expense have been included." } } }, "auth_ref": [] }, "ecd_RestatementDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDateAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Restatement Determination Date:", "label": "Restatement Determination Date [Axis]" } } }, "auth_ref": ["r655", "r665", "r675", "r707"] }, "ecd_RestatementDeterminationDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDeterminationDate", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Restatement Determination Date", "label": "Restatement Determination Date" } } }, "auth_ref": ["r656", "r666", "r676", "r708"] }, "ecd_RestatementDoesNotRequireRecoveryTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDoesNotRequireRecoveryTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Restatement does not require Recovery", "label": "Restatement Does Not Require Recovery [Text Block]" } } }, "auth_ref": ["r663", "r673", "r683", "r715"] }, "us-gaap_RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalentsCashAndCashEquivalentsMember", "presentation": ["http://www.credosemi.com/role/FairValueMeasurementsRecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash and Cash Equivalents [Domain]", "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": ["r110"] }, "us-gaap_RestrictedStockUnitsRSUMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockUnitsRSUMember", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Restricted Stock Units (RSUs)", "label": "Restricted Stock Units (RSUs) [Member]", "documentation": "Share instrument which is convertible to stock or an equivalent amount of cash, after a specified period of time or when specified performance conditions are met." } } }, "auth_ref": [] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated deficit", "label": "Retained Earnings (Accumulated Deficit)", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r52", "r80", "r460", "r486", "r488", "r494", "r512", "r620"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofShareholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Deficit", "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r106", "r133", "r134", "r135", "r137", "r142", "r144", "r146", "r206", "r207", "r217", "r313", "r314", "r320", "r321", "r322", "r324", "r325", "r326", "r331", "r333", "r334", "r336", "r338", "r369", "r371", "r483", "r485", "r496", "r841"] }, "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations": { "parentTag": "us-gaap_GrossProfit", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations", "http://www.credosemi.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total revenue", "label": "Revenue from Contract with Customer, Excluding Assessed Tax", "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": ["r94", "r95", "r159", "r162", "r163", "r167", "r169", "r170", "r171", "r173", "r253", "r254", "r418"] }, "us-gaap_RevenueFromContractWithCustomerTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": ["http://www.credosemi.com/role/RevenueRecognition"], "lang": { "en-us": { "role": { "terseLabel": "Revenue Recognition", "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": ["r105", "r245", "r246", "r247", "r248", "r249", "r250", "r251", "r252", "r257"] }, "us-gaap_RevenueRecognitionAndDeferredRevenueAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRecognitionAndDeferredRevenueAbstract", "lang": { "en-us": { "role": { "label": "Revenue Recognition and Deferred Revenue [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [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_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTable", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table]", "documentation": "Disclosure of information about expected timing for satisfying remaining performance obligation." } } }, "auth_ref": [] }, "crdo_RevenueSatisfiedPerformanceObligationAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "RevenueSatisfiedPerformanceObligationAmount", "crdr": "credit", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Previously satisfied performance obligation, amount", "label": "Revenue, Satisfied Performance Obligation, Amount", "documentation": "Revenue, Satisfied Performance Obligation, Amount" } } }, "auth_ref": [] }, "crdo_RevenueUnsatisfiedPerformanceObligationAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.credosemi.com/20240803", "localname": "RevenueUnsatisfiedPerformanceObligationAmount", "crdr": "credit", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails"], "lang": { "en-us": { "role": {

"terseLabel": "Unsatisfied performance obligation, amount", "label": "Revenue, Unsatisfied Performance Obligation, Amount", "documentation": "Revenue, Unsatisfied Performance Obligation, Amount" } } }, "auth_ref": [] }, "us-gaap_RevenuesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenuesAbstract", "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Revenue:", "label": "Revenues [Abstract]" } } } }, "auth_ref": [] }, "us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability", "crdr": "debit", "presentation": ["http://www.credosemi.com/role/LeasesLeaseExpenseandSupplementalCashFlowInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Right-of-use assets obtained in exchange for lease obligation", "label": "Right-of-Use Asset Obtained in Exchange for Operating Lease Liability", "documentation": "Amount of increase in right-of-use asset obtained in exchange for operating lease liability." } } }, "auth_ref": ["r379", "r619"] }, "us-gaap_RisksAndUncertaintiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RisksAndUncertaintiesAbstract", "lang": { "en-us": { "role": { "label": "Risks and Uncertainties [Abstract]" } } }, "auth_ref": [] }, "ecd_Rule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Rule 10b5-1 Arrangement Adopted", "label": "Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": ["r724"] }, "ecd_Rule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmntdFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Rule 10b5-1 Arrangement Terminated", "label": "Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": ["r724"] }, "us-gaap_SalesRevenueNetMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesRevenueNetMember", "presentation": ["http://www.credosemi.com/role/ConcentrationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revenue", "label": "Revenue Benchmark [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": ["r173", "r735"] }, "us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": 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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": ["r24"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "presentation": ["http://www.credosemi.com/role/NetLossPerShareTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Potentially Dilutive Securities Outstanding", "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": ["r24"] }, "us-gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "presentation": ["http://www.credosemi.com/role/IncomeTaxesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Provisions for Income Taxes", "label": "Schedule of Components of Income Tax Expense (Benefit) [Table Text Block]", "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": ["r786"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://www.credosemi.com/role/NetLossPerShareTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Net Loss Per Share, Basic and Diluted", "label": "Schedule of Earnings Per Share, Basic and Diluted [Table Text Block]", 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Includes, but is not limited to, amount expensed in statement of income or comprehensive income, amount capitalized in statement of financial position, and corresponding reporting line item in financial statements." } } }, "auth_ref": ["r35"] }, "us-gaap_ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsTextBlock", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Share-based Compensation Expense", "label": "Share-Based Payment Arrangement, Expensed and Capitalized, Amount [Table Text Block]", "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": ["r35"] }, "us-gaap_ScheduleOfInventoryCurrentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInventoryCurrentTableTextBlock", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Inventory", "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": ["r15", "r56", "r57", "r58"] }, "us-gaap_ScheduleOfPropertyPlantAndEquipmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfPropertyPlantAndEquipmentTable", "presentation": ["http://www.credosemi.com/role/SupplementalFinancialInformationScheduleofPropertyandEquipmentNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant and Equipment [Table]", "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": ["r6", "r383"] }, "us-gaap_ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanNarrativeDetails", "http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Share-based Compensation Arrangements by Share-based Payment Award [Table]", "label": "Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table]", "documentation": "Disclosure of information about share-based payment arrangement." } } }, "auth_ref": ["r267", "r269", "r271", "r272", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r280", "r281", "r282", "r283", "r284", "r285", "r286", "r287", "r288", "r289", "r290", "r291", "r292", "r293", "r294", "r295", "r296"] }, "us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Information Related to Share Option Activity", "label": "Share-Based Payment Arrangement, Option, Activity [Table Text Block]", "documentation": "Tabular disclosure for stock option plans. 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": ["r11", "r12", "r81"] }, "us-gaap_ScheduleOfSharebasedCompensationRestrictedStockAndRestrictedStockUnitsActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSharebasedCompensationRestrictedStockAndRestrictedStockUnitsActivityTableTextBlock", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Information Related to RSU Activity", "label": "Share-Based Payment Arrangement, Restricted Stock and Restricted Stock Unit, Activity [Table Text Block]", "documentation": "Disclosure of the number and weighted-average grant date fair value for restricted stock and restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock and restricted stock units that were granted, vested, or forfeited during the year." } } }, "auth_ref": [] }, "us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SchedulesOfConcentrationOfRiskByRiskFactorTextBlock", "presentation": ["http://www.credosemi.com/role/ConcentrationsTables"], "lang": { "en-us": { "role": { "terseLabel": "Summary of Significant Customers' Accounts Receivable and Revenue", "label": "Schedules of Concentration of Risk, by Risk Factor [Table Text Block]", "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": ["r25", "r26", "r27", "r28", "r38", "r85"] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Title of 12(b) Security", "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": ["r649"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://www.credosemi.com/role/Cover"], "lang": { "en-us": { "role": { "terseLabel": "Security Exchange Name", "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": ["r651"] }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Geographical [Domain]", "label": "Geographical [Domain]" } } }, "auth_ref": ["r171", "r172", "r419", "r420", "r421", "r422", "r423", "r424", "r425", "r426", "r427", "r428", "r429", "r430", "r431", "r432", "r433", "r434", "r435", "r436", "r437", "r438", "r439", "r440", "r441", "r442", "r443", "r444", "r445", "r446", "r447", "r448", "r498", "r499", "r500", "r554", "r556", "r559", "r563", "r564", "r567", "r568", "r569", "r570", "r571", "r572", "r573", "r574", "r575", "r580", "r597", "r622", "r623", "r624", "r625", "r626", "r627", "r628", "r629", "r634", "r640", "r782", "r809", "r811", "r812", "r814", "r815", "r816", "r817", "r818", "r819", "r820", "r821", "r822", "r823", "r824", "r825", "r826", "r827", "r828", "r829", "r830", "r831", "r832", "r833", "r834", "r835", "r836", "r837", "r838"] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofOperations"], "lang": { "en-us": { "role": { "terseLabel": "Selling, general and administrative", "label": "Selling, General and Administrative Expense", "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": ["r66"] }, "us-gaap_SellingGeneralAndAdministrativeExpensesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpensesMember", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofShareBasedCompensationExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Selling, general and administrative", "label": "Selling, General and Administrative Expenses [Member]", "documentation": "Primary financial statement caption encompassing selling, general and administrative expense." } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "calculation": { "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 9.0 } }, "presentation": ["http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Share-based compensation", "label": "Share-Based Payment Arrangement, Noncash Expense", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r4"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Canceled/ forfeited (in shares)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period", "documentation": "The number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period." } } }, "auth_ref": ["r287"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Canceled/ forfeited (in US dollars per share)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value", "documentation": "Weighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event." } } }, "auth_ref": ["r287"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Granted (in shares)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period", "documentation": "The number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan)." } } }, "auth_ref": ["r285"] }, "us-

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Excludes share and unit options." } } }, "auth_ref": ["r282", "r283"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Weighted-Average Grant Date Fair Value", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsOutstandingWeightedAverageRemainingContractualTerms": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsOutstandingWeightedAverageRemainingContractualTerms", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Weighted-Average Remaining Contractual Term", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Outstanding, Weighted Average Remaining Contractual Terms", "documentation": "Weighted average remaining contractual term for equity-based awards excluding options, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r82"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod", "presentation": ["http://www.credosemi.com/role/RevenueRecognitionNarrativeDetails", "http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Vested in period (in shares)", "negatedTerseLabel": "Vested (in shares)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period", "documentation": "The number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period." } } }, "auth_ref": ["r286"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Vested (in US dollars per share)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value", "documentation": "The weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement." } } }, "auth_ref": ["r286"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems", "presentation": ["http://www.credosemi.com/role/ShareIncentivePlanNarrativeDetails", "http://www.credosemi.com/role/ShareIncentivePlanSummaryofInformationRelatedtoRSUActivityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation Arrangement by Share-based Payment Award [Line Items]", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Excludes temporary equity and equity attributable to noncontrolling interest." } } }, "auth_ref": [ "r50", "r53", "r54", "r76", "r513", "r529", "r551", "r552", "r620", "r648", "r754", "r772", "r796", "r841" ] }, "us-gaap_StockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityAbstract", "presentation": [ "http://www.credosemi.com/role/CondensedConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "terseLabel": "Shareholders' equity:", "label": "Equity, Attributable to Parent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SupplementalBalanceSheetDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SupplementalBalanceSheetDisclosuresTextBlock", "presentation": [ "http://www.credosemi.com/role/SupplementalFinancialInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Supplemental Financial Information", "label": "Supplemental Balance Sheet Disclosures [Text Block]", "documentation": "The entire disclosure for supplemental balance sheet disclosures, including descriptions and amounts for assets, liabilities, and equity." } } }, "auth_ref": [ "r745" ] }, "us-gaap_SupplementalCashFlowInformationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SupplementalCashFlowInformationAbstract", "presentation": [ "http://www.credosemi.com/role/CondensedConsolidatedStatementsofCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Supplemental cash flow information:", "label": "Supplemental Cash Flow Information [Abstract]" } } }, "auth_ref": [] }, "country_TW": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "TW", "presentation": [ "http://www.credosemi.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Taiwan", "label": "TAIWAN" } } }, "auth_ref": [] }, "ecd_TabularListTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TabularListTableTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Tabular List, Table", "label": "Tabular List [Table Text Block]" } } }, "auth_ref": [ "r704" ] },
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K^0,)EZ]1(&J>!MC'UM\=>9M<<0&KSU?: M6]S%IQ'7'W;#3\%)J^*NV#RY-E+.VY^9DH"XFO,_Z=AP6JW*WRCU?IDN_Z[_ MNK[Z:QS/@N@M'/ZPVP2^YSZ? 7'=8FH,_NY[*A(I7.0*WP2#N8):\)KC>_1@E M"'XN8/T ,+UF)MH6'3'',,]'@B?D]Z^H_M11W;OQQ_P0T)70[]_& M]L"QW@5>_;US_4W._!=OXN;*N,L0;?\KWY@_>S>WI-O!8Q<:0: (L[&J79XU8 M^O0WBP_;_ E!+ P04 " !WB"593X;RR14% Y%P '@ &S,CQ M,S4P8V5R=&EF:6-A=&EO;F]F8V5O+FAT;>U8;6_;-A#^OE]Q<[T!2Q9DE\2 MRVX UW%6 T62VL[:? 1HHD;*Y2*)&44F\7[\C);MV,G=!YRWI,,,P+!{)>^[M MX5']A4KBT_Z"$7KZ7?][RX($$18)2Q6$DA'%*!0Y3^?PD;+\!BRKFC44V5+R M^4*!YW@M^"CD#;\EI5QQ%;/3U3[]1OG<;Q@E_4#0Y6F?\EO@]$V-!]W@.*(= MZD1=UNJ7:W*UC-F;6L)3:\&T?O_8RU3OW M3%KH[YZ]

2=%VI7HR#.*!^W]HW+W_?[A^^6W1^7Q5@'I_@@B7-$,Y?9> MT1KO[/?*[1?E\==K94;P9T+_\NH1?]8ZACD'I;<5;P*M*H+FH@.+3K\(V#([M>]$$ZP'KBQ\HT9 J?Z;$I' C4Z&>3>T-A.T=N_V:AZ?F:1+,=%H=P2.&>%O5 M)I/JA)*@2KV41L%MO8P'<1@IAJJ@/;R45/>OHM:#IQ](P2T%]PI[!)S*&F>@V$]%MGKKH?KR__/9PPP2TE-UKR^XHHZ=4>/<#?Z3*_N?$ODSMG_ZU:.P*Y,"LM_4K?S1R0HS;*%\M$W^"6%01, '%#;5Z8M#Y1? C\>*[_Z+C*# M\C6RCTXUO[M^(5;$0*#X?27(MJZ04 G'U,((IZTXGN)$H6(-F4%TM'Z8J==:M[78I^KQ1]VOY=QSN&,$ESKQMPWT(B=3H31C4<;&]_]@C$T104:R+/ K/_:B M8'+EV_-F.:S(NJ#V:Q 38-,]B5TU-\A;(C*!]2LWH4L\.US;!&DN@#]+6YX" M1KY]N%PT*XZ/W/*-VG>,9!0P,'SLHZ;\$0=.:#NL?Q0*3V>6O-AEP8!XSK_9 MY_<') DP5 X%LIO:?>VAIB15M8%RDYR:\<(+Y9M?>Y]',*_.!XR%\X$U@?;& M93ORM@34\=8'0[->&G;Y PM^<]7>*:6"K]VI?L;&;NPOJN$W*GR0(,GQZ*A MJGQU1DY$%PPA57A+:'L{Z2F$.I7NW:WRR7]1C'I'5;X/4$> F1B'],@,Q W! M<@5_W@:/_G.F,[&B[Y< <%5YP*%;$JC=WX8$??_.6.NQ9.W:97NW_ZI82'AM0KQLXS^]BN=@15BS:58[ABY4/&<]HIC&9_X:*A%U MZ1AWJ'ALBRJ:X6[, C($(K@L>FJV)YHD;QIN5,2D:$!M95Q'(0QAF8B'PEN 0&@+QQ&+ 0Y8*^^0L7F\F'>?,X M3H*R$>]. }$314 >X E;4>![*;=B4))'}Z4&Y2.Q&+1I,\D(CPUY!?A3Y\Q-MZV/>QW"E"6H;::M\[MCE9S8/U4?E'<*Z]5$W]%IR031T6'[&/,#=LT%?+T9 M<=/P?4U91BK%#XDS@"&\$DK.2+>S.>DJN51[3O0*)$(4%_9%%6)90*]X>&0S M% 8HQW*_50#.U=P?PA$0.KPE2,4,8'<$0)BH*+;A<2#K$(8#91#XS]$P_;D&M4IRRM=FT[W@L2XR%@/_[+VU=AVTN62'[6?N87K;R@N7K2R]$?9UQ>%+!;'?0*=SVON5I\#DC[?31>?R[>EAFSI8/HLJ*@:73W$(M#PK#E74KV&=HG<*5-=E_YRDAPJ'G.M]0/G,B3*R"P/*%8?):F+4"Q#CD<<, M^V]XA)@UD.O(.OV\F N+M(_>\WP6*(E#[DT"@GB%:$[Q$3BD^'YW@B]_=N#5 M\%K%@[WY*%&?G)#I18]XED-<-%LQIPPOQG8G-@GL4,%<=,=>E@E@O"/O\QS# MFH+_.]=H0SBDKINB67D'R&,^/Z]I6?2H 5YOQ)+^2<.E<1)A1&'U\S5U9>_84%X8"P8_AP.('BY57 -0K@%'+ 1T<_ERY^?8EM)QCMCT98[^%;/WCCI-LX8DP%W#4/7R\>56T_JB8/I,4!V@">5<@;5:6K.I MUINF:NJ-%.+I6KO S'.GH(H_?1565 &5\5IN3AEZFU=TUPJQV5&8$5CX#PD1>&]U], M*<].C'"U>IT%K*($,F$V5W@6]1&^95VR9RZW117TQHRI]S[[>.OU_Y0NQ(C^00NJD,7T&0JHA9=2I42Z.!KUE+F4E'2#&[9^[/_M'+:-.&)W;=DC\YR>W2NZ'KW-:?K MW>R6=Z6!=D2&CSB$[>\QP7E]!D3AX_=P3B[L=Z1H]>K?6?-DXG@A+"]K@>%, MB_/:?,6/ X6^ -0BGO>I8M?Q/WB/$E L9_R M7$/!F?=@VW/!8WVV1Y1X^&O2=OLN<)ZPK_?,=,6O\)\!GSAW3]%)GHY9[#1J MX#@KH3^BBD5"'#8[\6/XTP-.P[E _0D^-:2S+^]-%I;V[&-7=39%CH395"^X MWW+&<-_K<5X<+*^_=;#WJ_WZV[%+O-??#7$ MZP\&+0-3?^HP%8I@"92*THEPD%<(^%?V3FH[BQOIQZCM7W_H[9]+1]DUCGPOLBX"Z;,[#TH9.R=OKTUM(Y811\MOF0=[9_T2TN5=H8KVL&IE/:R& MP=0>&M!J+Z#D1Y7TX:47Q'TFDQ !E]_HRC1J^HY;76T-LC4DV*_4?:)(]5L6 M9C,^!):^0H'D1>&:7/QV"?$?(!V<_F3O?-[UK M1F$VKQEZ.9EV;:W6:KR= M:;=^1653>SMN+(IS54*]5F%BSE?$=R +5ON?B^GF:_I2?$L;\O>4)9; I-_? M 8/S%8 ID%3T7<1@VP=X%2Rs"+ *91B@"?27-1H8UBO=!RSF!L_BFP_V\ST= MD(9)5_\ =A5EW?`\2$]/A2"#-R/H5*BNS=]Y*W2F=4%8I@JTQE,<[^Z>3 M@JLH1B?&<$QX+>7!"@";,Y;>KF\NO"GA0M_>_73ZR MEHX%!(!D\T.OHACZ&T78?"TT)UPI@C%S RI,T6KEAX0%%UNG3K?-2O=+%B+= MT%*1@NK0JRB&\"T%5;D'7Y+_#TH.'6QR!C=Z>%@"?S$W@V44?"(NB 6J/ PI ME0+AI"G@N6"Q/VFN,>SZB7$+.[9^JA<_QD[T43* MA1.FC;:4"V>)>T-,UTX@X5#YXOK/TCXX95KH'+4B)$6[+P+[<'N&3@A/_)E0^.Z$5\Z$P MV&S@TB/N)'28W3.5:RCX>+D*7G-/P]B5H=0SHAMM2]OH" 2>(07>B1%NIU7I M_AVKX)R(%6PPV05?N.EG%'VN\9AW/9\^,H[9!V[X0_I#P[8;+ &9DG+I], M*<].C'"U>IT%K*($,F$V5W@6]1&^95VR9RZW117TQHRI]S[[>.OU_Y0NQ(C^00NJD,7T&0JHA9=2I42Z.!KUE+F4E'2#&[9^[/_M'+:-.&)W;=DC\YR>W2NZ'KW-:?K MW>R6=Z6!=D2&CSB$[>\QP7E]!D3AX_=P3B[L=Z1H]>K?6?-DXG@A+"]K@>%, MB_/:?,6/ X6^ -0BGO>I8M?Q/WB/$E L9_R M7$/!F?=@VW/!8WVV1Y1X^&O2=OLN<)ZPK_?,=,6O\)\!GSAW3]%)GHY9[#1J MX#@KH3^BBD5"'#8[\6/XTP-.P[E _0D^-:2S+^]-%I;V[&-7=39%CH395"^X MWW+&<-_K<5X<+*^_=;#WJ_WZV[%+O-??#7$ MZP\&+0-3?^HP%8I@"92*THEPD%<(^%?V3FH[BQOIQZCM7W_H[9]+1]DUCGPOLBX"Z;,[#TH9.R=OKTUM(Y811\MOF0=[9_T2TN5=H8KVL&IE/:R& MP=0>&M!J+Z#D1Y7TX:47Q'TFDQ !E]_HRC1J^HY;76T-LC4DV*_4?:)(]5L6 M9C,^!):^0H'D1>&:7/QV"?$?(!V<_F3O?-[UK M1F$VKQEZ.9EV;:W6:KR= M:;=^1653>SMN+(IS54*]5F%BSE?$=R +5ON?B^GF:_I2?$L;\O>4)9; I-_? M 8/S%8 ID%3T7<1@VP=X%2Rs"+ *91B@"?27-1H8UBO=!RSF!L_BFP_V\ST= MD(9)5_\ =A5EW?`\2$]/A2"#-R/H5*BNS=]Y*W2F=4%8I@JTQE,<[^Z>3 M@JLH1B?&<$QX+>7!"@";,Y;>KF\NO"GA0M_>_73ZR MEHX%!(!D\T.OHACZ&T78?"TT)UPI@C%S RI,T6KEAX0%%UNG3K?-2O=+%B+= MT%*1@NK0JRB&\"T%5;D'7Y+_#TH.'6QR!C=Z>%@"?S$W@V44?"(NB 6J/ PI ME0+AI"G@N6"Q/VFN,>SZB7$+.[9^JA<_QD[T43* MA1.FC;:4"V>)>T-,UTX@X5#YXOK/TCXX95KH'+4B)$6[+P+[<'N&3@A/_)E0^.Z$5\Z$P MV&S@TB/N)'28W3.5:RCX>+D*7G-/P]B5H=0SHAMM2]OH" 2>(07>B1%NIU7I M_AVKX)R(%6PPV05?N.EG%'VN\9AW/9\^,H[9!V[X0_I#P[8;+ &9DG+I], M*<].C'"U>IT%K*($,F$V5W@6]1&^95VR9RZW117TQHRI]S[[>.OU_Y0NQ(C^00NJD,7T&0JHA9=2I42Z.!KUE+F4E'2#&[9^[/_M'+:-.&)W;=DC\YR>W2NZ'KW-:?K MW>R6=Z6!=D2&CSB$[>\QP7E]!D3AX_=P3B[L=Z1H]>K?6?-DXG@A+"]JK@>%, MB_/:?,6/ X6^ -0BGO>I8M?Q/WB/$E L9_R M7$/!F?=@VW/!8WVV1Y1X^&O2=OLN<)ZPK_?,=,6O\)\!GSAW3]%)GHY9[#1J MX#@KH3^BBD5"'#8[\6/XTP-.P[E _0D^-:2S+^]-%I;V[&-7=39%CH395"^X MWW+&<-_K<5X<+*^_=;#WJ_WZV[%+O-??#7$ HP%8I@"92*THEPD%<(^%?V3FH[BQOIQZCM7W_H[9]+1]DUCGPOLBX"Z;,[#TH9.R=OKTUM(Y811\MOF0=[9_T2TN5=H8KVL&IE/:R& MP=0>&M!J+Z#D1Y7TX:47Q'TFDQ !E]_HRC1J^HY;76T-LC4DV*_4?:)(]5L6 M9C,^!):^0H'D1>&:7/QV"?$?(!V<_F3O?-[UK M1F$VKQEZ.9EV;:W6:KR= M:;=^1653>SMN+(IS54*]5F%BSE?$=R +5ON?B^GF:_I2?$L;\O>4)9; I-_? M 8/S%8 ID%3T7<1@VP=X%2Rs"+ *91B@"?27-1H8UBO=!RSF!L_BFP_V\ST= MD(9)5_\ =A5EW?`\2$]/A2"#-R/H5*BNS=]Y*W2F=4%8I@JTQE,<[^Z>3 M@JLH1B?&<$QX+>7!"@";,Y;>KF\NO"GA0M_>_73ZR MEHX%!(!D\T.OHACZ&T78?"TT)UPI@C%S RI,T6KEAX0%%UNG3K?-2O=+%B+= MT%*1@NK0JRB&\"T%5;D'7Y+_#TH.'6QR!C=Z>%@"?S$W@V44?"(NB 6J/ PI ME0+AI"G@N6"Q/VFN,>SZB7$+.[9^JA<_QD[T43* MA1.FC;:4"V>)>T-,UTX@X5#YXOK/TCXX95KH'+4B)$6[+P+[<'N&3@A/_)E0^.Z$5\Z$P MV&S@TB/N)'28W3.5:RCX>+D*7G-/P]B5H=0SHAMM2]OH" 2>(07>B1%NIU7I M_AVKX)R(%6PPV05?N.EG%'VN\9AW/9\^,H[9!V[X0_I#P[8;+ &9DG+I], M*<].C'"U>IT%K*($,F$V5W@6]1&^95VR9RZW117TQHRI]S[[>.OU_Y0NQ(C^00NJD,7T&0JHA9=2I42Z.!KUE+F4E'2#&[9^[/_M'+:-.&)W;=DC\YR>W2NZ'KW-:?K MW>R6=Z6!=D2&CSB$[>\QP7E]!D3AX_=P3B[L=Z1H]>K?6?-DXG@A+"]JK@>%, MB_/:?,6/ X6^ -0BGO>I8M?Q/WB/$E L9_R M7$/!F?=@VW/!8WVV1Y1X^&O2=OLN<)ZPK_?,=,6O\)\!GSAW3]%)GHY9[#1J MX#@KH3^BBD5"'#8[\6/XTP-.P[E _0D^-:2S+^]-%I;V[&-7=39%CH395"^X MWW+&<-_K<5X<+*^_=;#WJ_WZV[%+O-??#7$ MZP\&+0-3?^HP%8I@"92*THEPD%<(^%?V3FH[BQOIQZCM7W_H[9]+1]DUCGPOLBX"Z;,[#TH9.R=OKTUM(Y811\MOF0=[9_T2TN5=H8KVL&IE/:R& MP=0>&M!J+Z#D1Y7TX:47Q'TFDQ !E]_HRC1J^HY;76T-LC4DV*_4?:)(]5L6 M9C,^!):^0H'D1>&:7/QV"?$?(!V<_F3O?-[UK M1F$VKQEZ.9EV;:W6:KR= M:;=^1653>SMN+(IS54*]5F%BSE?$=R +5ON?B^GF:_I2?$L;\O>4)9; I-_? M 8/S%8 ID%3T7<1@VP=X%2Rs"+ *91B@"?27-1H8UBO=!RSF!L_BFP_V\ST= MD(9)5_\ =A5EW?`\2$]/A2"#-R/H5*BNS=]Y*W2F=4%8I@JTQE,<[^Z>3 M@JLH1B?&<$QX+>7!"@";,Y;>KF\NO"GA0M_>_73ZR MEHX%!(!D\T.OHACZ&T78?"TT)UPI@C%S RI,T6KEAX0%%UNG3K?-2O=+%B+= MT%*1@NK0JRB&\"T%5;D'7Y+_#TH.'6QR!C=Z>%@"?S$W@V44?"(NB 6J/ PI ME0+AI"G@N6"Q/VFN,>SZB7$+.[9^JA<_QD[T43* MA1.FC;:4"V>)>T-,UTX@X5#YXOK/TCXX95KH'+4B)$6[+P+[<'N&3@A/_)E0^.Z$5\Z$P MV&S@TB/N)'28W3.5:RCX>+D*7G-/P]B5H=0SHAMM2]OH" 2>(07>B1%NIU7I M_AVKX)R(%6PPV05?N.EG%'VN\9AW/9\^,H[9!V[X0_I#P[8;+ &9DG+I], M*<].C'"U>IT%K*($,F$V5W@6]1&^95VR9RZW117TQHRI]S[[>.OU_Y0NQ(C^00NJD,7T&0JHA9=2I42Z.!KUE+F4E'2#&[9^[/_M'+:-.&)W;=DC\YR>W2NZ'KW-:?K MW>R6=Z6!=D2&CSB$[>\QP7E]!D3AX_=P3B[L=Z1H]>K?6?-DXG@A+"]K

MP/&J_/(+K-=,OD&U_JJ^$U/U:;!/LLL,WQ(F08Z > M(SH(P/8:DR!* B@A!658S/R+&T%&<+#3;TJC1:.EFPS1-2^LU28/V>TW3(O6^:=?_A6>AR4W#8&JL
M#6BU%U#RHTKZL+4+XCZ328AT/`LB@,8\1I8!$O:-^OSM?&.\%_G*]XS!KC(&NYIEL"\9@SUD#)9' M-^5@ZS* -RW;VEI$K2SB84U";E4V$*Q[QYQ64Q+U^2T>P2.L14-R7D!>!@/B
M.?!F/NP4L_#ATK/O0%NBR\O;X66HGF+ZLQ-;KA^"5GV$5WQR?>O'5$/J7%<[-M'K@PEU'R'2Z @C8=(R& 8S",\E;^=RR;#7PYA6HFR',/^(PZ .%VT8]N"%;O M:V9-6>/EMA-
0*W(GBO_LAU!3E'N!8 M-RIL5Z\7C4/TY]V3'I*W"NAQD>"98__LP O#,=B=?8?:RTV5XZ!<>.-H2]"I. MR TYSW\B01<\9>'DQ"@(MI&"34U49PLU5V#Z$WPSX*,],G"K.FL!P44$(BL/A=
ML,?@&2-\!%P\]I_A(SMT\\-(8O:L1S \:2FS*P!,:NU/H;+GHW&I@^2: 1; MM)&GV"#5 5VRB]J]6:CT#*P0*=FGN4F&#=FQ%?'$]+*U"0D+B>]"H#6&IP0>0 MH=D'Y1W\ %^\9V_Z[
S0_U$>@"[@/ZQ4-PQA9^\^/]R]GS9) 0)]\ T*HPS. M>RQDE9KD3,XX@17CDM[=7(7O5845%%#E>@]P*W1,X/?+ZZMD87R1R+UC=^GF M\1VL'VN,IG\;0GMW RN?
8@U9R@&DCP/PU0('95$_??S-7=+\\8!=6U 4ZVM) MIHAN^\F /'C8'3"Q=>'_YN@^(T?W&8NZK[A'L&-N9L^Z0(IQK#6LC27Z><[\ M>Z6L-_2!A!%/I2PT,.^B%[N1A\IX?
0EQRR5>JJE1LP+'66E'=+PLS3U$GAXY88B@=>H<7/UQ?@1;^ DXY[@L)N MZ_M^A/H6+(34M Q! <,EN-G9<[NX!H40+DPRS9M#(D()MZE'HS*$%1/W*B MB-M0L/_D0V^B)&MF
FK3D$,".%[NSLV)<.C'+KP 0$L)6R\\Y8_8XR$OMN H M1R+V'00%*1-*T$C3325=3>YK9^&5][1+ST/)>D_'/H95/.4+0!H45_5O3/OA M+;,OI!X^ZQ+(RU7TELH6P 7W9E!)50D:?
<1&%F??SRI2CGJ $<;L6*GJ]+J9 MXY"YNYF)@"S$-- 0, *=HMXCP81MK$^<(&4PDGH>^>!.EYV&=A)4AK$;,?I/ MAKG!FVK*)>R#\5 UM;RS,QUFDP8@=WB4,)RA0K!E1O :@%)-
R:9"9:](\9#P MQD@'U3)/. 6:C9#AW&\S:S2N 5R<;2QS'8C>,9 0^/E:PHL73P(ES22 4I# M7->8X)X5='FN\[$;H[GLA .]TM"K* P:!CR+_DB@CH3/LFLY%%OK3N\;8(@" MBH+E
.*3,X51KRDW42'B:.?#>W^!Z@[%,0WGWBHL;[Y.7)V'=^9FS5l\)X#5_ MQB0 XD*4OGY PIJPP,MX /!7F6JW).BR)79_13=/;CT&YC.W-M+++TX|HVCH M!(O7?Z&\(&86TO@^:HN:?
HY@"D17*#I"*(K>M'H"IK=X,E9./)EWG8$/9EC M-YHY=J.Y:#?./%:9/E=)'[Q9A(2|)^?M^N:1:Q%Y'R0?^#%/-)&%7'_ GYRW M9ZVH!)HH$=@L2-5#BX"Z_C-
C*Y"44R'N^:SR+T5*6I>;!!A ,X["U*3AZAA# MK,AX2>QA!4;5:5!B|6QI"S_I>TAO^]> !!$:FE.Z;IR:Y_,]9*HUVVH!W7@D M[,)-2SV[F>;PBY;9WP%EK?U#,$,\,F 7(Y^,R
^P0%)X,E5$ MPC >C6?B/H27P3-&'7'#*F"4OIPABEKIBV>0IQ2$Z[%\) S5S$/ZC|@>9)US MATX8^3QN@R9B@($T]BH_//_9I?: $3X[0D=!ES;SY,]ALK7/#.-G1)C%G!S?
M@LM3!/7CB(7Z!F"=)C+WB3@N\T%GO,':E+>8BI MRC-XGK1J^\\>$W/TQ4J/$'P\B:419>,%/-P7#1.K*(+?B>M!:"""Y;N(X@[?(MGD"L(0ILD,) < $MC#T):=-
A.>$L94,XV82$G_!0DJR(S"!T15?\@8RO/8 M[&SWJ@^%]Z9@=.@:$;3Q^2)mHB0^Z@RC+0%K3N\.U|C+(D9X,I4^B*9&O I\-%G!);= 13TY@>_A16HBA.;O3F!) M5HDH>2D B,
83P2,EY<;D(E20LDD*&>6L)4Z1.7HYA/6O-%=+(-M=_#$@->)WE/+!1PS,X.=\&5.\\P9W%1G-T]-9[_>?Q&E+:)@3V-H8T1QZJKV MB$L8!SZC@1ID6^9]%A.%G+)CRG\WIF8_S0R4@-
+U:-3"R!X#40P@FUVL@-B MQ6(F9Z:2/=XC ;@"?>HL;9H'-5 =S55"S<0VRF2 ;_1YQO4"20)_6ESRK CB MMW+H+\^R MD@E39YPPM2Q*TV)Y+,MC."NC-2)]LIO98&1=-
[B5^-^7RX9/B@ ^((8]'[^R7 M:KVE*@^4FW@\RH'T\N[!\X,JT-OU]\H-3PK@<@M|"L.KF(6=WCC-6PK3O)3, M*YT>/+'4$S0LD[J?,+E[UNAC!P+P?RSIPI-9^]D:R^W
Z*T3)IY&8&.4ES(7 M%/B/S[*!B&HL)9]HX,"97/H-09B#1&FH"EMDWI%H3W0QV'E;@44FL-]MT0*/ MQ[03MK*9K 8$(![/S-H8X?S9Y'*[_E7Z!WTB;LQ/-UA0C!L,S+&/$$P>?9Z"
MZMF!M[+X6I+NL)[]/G-L>.Q^,S!%AK953-%1P8EBAM8C><$37LX/+3."Z87 M%N #^$0&X#T-",T3$W@7>I*TRDF ATAER!O*B ^9Q9\%'#*Z />E%V>'Q ME"&8]XI=#0-
T_BQPQ0@U%)V'NH1L>T+2/,X5U:O$X M7@C02 01BOTP[OV1!G131N%>Z@RC6+0$14G4@+ 1GZ^U!+V>^]24<[9L#>) M(EL4[@ ;H::P_AW ?6.76%S#C<@?3&;,
[L.)LJ1!+.=A6WCV]=>DG&(#[4I M\UU"%H]DCT:BLGDD$^3%PY*5@@C.((70B=$"P$]8"8<(&,Z)0\^CXC/Z.3FR M3J(" M*HV-7C+]F\6F6,:RDKB-
00HAY0HH7,Z7)PM0*IOD6R3X3E(>R-R1 M'3,EEV>"))%8CEV$O6//%+@EFWL#U9_(*]H*9Z.V4GOE*, ")R\" *K>]0$!6
MDQ@.IG$GX==T.6G,$3^CG303$$:5ZM+T1_KB\"&Z,U>DQ_I/X"Z/DH@M"W6S MEC1\W3P<- >M@ 4% *H|/P;HYX(E34]-TZ-88'6:39NEF'"NYM'4U&;TD4HI M,\QY_';,D\
<\:TAM3%*[[<_)VML^BO!/$_SW"X###W*$>,4IUV4% [OUTI]U*E4A1-@4YS-/TN#W)]1PWC>E+ M+/_P>>ASZ:V,DQI\A74Q"-%.8P$"=+\Q=.5A;R[B5+=/+8$FN!N:1;18:P6@
M##9>,0WJ1_O$1++#A8_N3"\1B>V4T?YU^('0Y>%8.R%_*?D\!/IU-KMQL8^TF: M,B0O3L)"-:";#XO?MXR:V=)R?ZK7\K]?]BA-JQEZN]"CEG]OE+@H(_^G|%$K
M&EDY7=R^)]ERG3WF=,NT:+DC>VQD-K@FQN+LNMP+Y6M$$YENW/)>S, M;?_$>^NEI^R7J M+]6^,?)?&S6!DLVUMZ'J3KE4S<;=2*I>3M6GW>@M4S"?MNGG]L9>14+L_REC
MC^?=_#"?)GUN=XI MRP//%4:=8W/O'H>8IOH;7#<,E6LLT2BB@#\B.G'/0V_K"*#.DPF7O;*CUK:P M1$5UX4#&ZAVOZ1ZTO#\G]B=*']'Y\O(P{AT(=>QUK1RK34#7,BF="%E8.2P
M5*V72]5FI6MJDJK//C!R)0,C,C"RL5 RRA5*.)YPZ[GD)Q(8.7W;=K.8[.]I MBH38S41/29;228L>LUS1T\39/")T?Q= !]2(R8J8._=_E*_8+H U@=']_ 5V MXANFMMV_NR< M-
^]5@CGBGZ=%;#PSG*_P$>5ZSC[;PC? *)H1/DT(SPH:7E7V]29)7'B>XPEB^?DGZEE^&(87_LQ_)2!')@HU.I0M, M];?*"B()B>L')T')L5[J:VND(7LUR\E/6YZ:4;)3'=%)'J'G,
MTCH\LVC8M4YMU[?FEC+.78L/M)"\MHJWUXVM(KW:9]:@U]2 U!,#?YD8H M;I,W>KH\T3D\3QB5;D=MF6T1SIK+,?HE:0%I->]')RT35'E3K;+RNN4VNQ;MU/%(G&?
B2;IVCQFT3##(KTM*MU68VM!*NW6O4S97)MV],,+TF:EVU ~<^NJ M#VFWKB%8[G'FM]7?I-=VB|)LS6,)X_ LT4*S53/**H229JL@I&4>GK3:*&W! M,1*$M+:U6M-
6"UMA|CSDJ!\MW3.2TI$RBGP)RI[*(+\F8'>+.C MMDJKRBD#MWNPSK==II0!4@:4) ,,+P1:]4K7:*CU3EEQ_$,)@9SBEM<9S**E M!+-GK3_X*R4!Y5,R-^[(>\,_SO2$SF9BXF3%;%A
.BXDZ9B_.!^!?NR4ZK< MW"D 0^J%;#)(S.#8QNGH $8Y8+=??9L)Q^3DS?]$]@2!VUBQ_]FAFG/<5W> MS!K\?D41O:6-RO7D\,-J=B$$_*:\%V"(LFR3)IZGX;",&,PD7
MIGS;M$\#I)OTRG2>0T{X\U2BO WGN;3/DL!<,IP70:GG@U(I'XH)8,Z/U](9 MNLG@[CD1"N I@^^LP/8O;I+W?*;\OS=>'GF@^1%=\8E)EY[]S?>2\4F%N="H
M=/7:LA.NE'Z07J8ZP@[8<.K>1+&R&:MLS@6 #W!/*8,M#E7F0S1 4B_7%L]# MG,2;/@@E/EX'+Z:P4R^=U(K:8$2C9-!:HIPB9X37SA!W,"VF*D*AXALB]W0$
MX&&31V>TY^U4>QXY/Z;5<,1EY5'< FR32\S&0*:\/+AXRZ 3;PPX3\'K'SN M>;'[2 MB)=`6N4>I4$KGIDS!P,$R M-I3 P.4M\9W Y6$74,%V+BM%=;ZQ/!UBE-HR?/10R-DL@9?
B@_G-KO)@LXJF M)UIQ?E1?.N>/S$$7S7R@3L>+TJ%:Q=%B\UGR.%:9:0.F,2/ER(5\8G3-3)=$ZM3GC>QD>"MWD6;X,+BE MW!X.00>$"ZKG#F^VT_0=-M<(^;_L;ZK-
SV'RB89FSRTA5!=_;3)+DN M3"X,"P>0FI6NJ=;;RU*,TP+@92!ZCIY]1V^.?!LQ@\^TPTQ]"H,6YEG76HN!=)0N?&?*.[;[M5USTGHNSZ7;Y5+D45]]YSD'!>"(-
R[54+Y'.$S1PV!%B&!,;F64]V"OA)KR M?8P5^O %EW'YSU8+T^&28A"F>=XF0O:\?P#?K.NHSY!;&\AM75I+2(IM'4.0 M,0(B@_4R(#^QA2G..$1MAVOD5+MS(]#F POSWL ,*WP ZE?
^ @;*WO+8!E=?94MXDD"BTM0%/;UGS$8!3?3*;JW. ?Y M<4B\VS$S\@GIWWAWC-N+LD",E4 U5DM<_/^B,%E16" L3#!^5T +;289F/>? MB(KBO&X;VJ-
QK#Z)7N=QYQ408,FJBH]+;,^IE'>TL7L9C6&4*LQ-US-3A;3P$9*S47_ M?(,O=GJ0L7R?7'C EYI]5M26S9MN2A5DS,A1G_C@Y M:L18P&M9G^-
K]G:KE/9(*:P]^YFC:+=S3(N_PP^N>OCO/5PL=57N[W88*S= M7FQIAD]3V..4WRC!AR4]XC9H:\;?G_-6_1C'3W^9JEPGY,ZV$R6.=A;#3@^D M$K>$1XW]V+4Q;,Q;;$Y/ZY!#D-
XQOH%G03Q4[? X-X;!L7,84=ST&)'9\AX? M] R\.!LI[!%FT5(O;6+&#[<[8\)M?1R3;0W56:L!MY!<7>4.U6B*;K[N<)@N MW*;H>+&AU)GS!2N.1^.9P'O.JY.MQ_S$#4'%#)F9[<[LC]V3X
M@;2B'TJP# M=A 5X^#YZ2O5V7'?>,,$@!E&"?C]8F6":.B$ZD(3+L6KDT'3?0_B3!-8P:!+& M3J.$XQA6'H=3/,&=G+!"%"QB&UM&XA!NQTN QB)B&6PO"EBKLH?I M7_]3??D/4]F.]
(S;D2Y7,$>]2KZ"4>0JFE)5;GMXQ,Y\Z43P,%D:T#Z>DRA_ MQCZ"B2D9+A0=7#7K5YGF+029"UDF%>MW0^DAA8@!,OGM^/@4A:,)X//:#I.WM[?]JK&:6@ZCUR>++
^L%/;)M/Q"KA6>#;Z9^RP,Q(O:="*LFF$45D\,$7; MB'GT:A&6Z-6!)EFX,LZ!^_.0YAL$IP#>U+M/K$1N"U'HVY&> M]BC%|RQ:EF9ZIQY?REUB:8=^'+#BR%O?I>:!|8\%@TR2ZX.*
I@+3T\CX' 2 MV$@%!$,73^AQ@'N1$!72"HV02S$A/AD2 M/:(5Q?,G=#-SPB2=8AW11177K[JB8^8GBT_DB&WVS1PQ)T=-J:SG[CY&+SCH M$A=|S9.<5^W,W\WN.<9VYF;K]-
N9RT6MNRA#WUGC=UT[HL[OJX9#RZ[O]9E8 M@6SWOC:L= FKM6%E2%BM :M'3)4ZR?$!^?N](N%0P:@)&(EH"5ZL0R6;MXI>
M13X;=;"1*SOTRO;=ZG@+ET@>4<7K=WR*OZ3Q[$([L[-6QQ@9MTDZNH<7)-9H MK.BEBW+UTK/Q/|=3Z9J3P%$TC[-3KW3-AEK73ZCSHV2-4V*-YHI>P!NR!NME M4?TW#?
P\KM J77; H'^4,"'90DBV6-'*,"=LH4NVD&PA-ENL:'B\.T/*$,R0 MVG>@020GZBK_.#[?DY*M:Y%O5G1%WHDZ,4M3)[(1LEC4M*(1\NZD<*/2;>AJ
MH[YUBU5)46)1U*HF#+N03TTIGTZ4FE;,U=R=?&H))]I.9:I0_G'4P] /HBKK M_>!D?6,V/)1:9]2,O'__]TL_1_HYY?DYL"3[T'\M2?&>=F^;]8A?WWYH2_OA
M1*EHA7]3D(K6L!O8X'M3;6ER9M")D=(*QZ9$@634ZU(@G2@5K7!HRA9(1ET3 M32"5Y,EPJC $<&F6#$IES=>L5WEVK'PBS/5V#C(LYM3.R>0$G530K.CAQ\NF
MMH^4&'6]Y/.T(QF6)8=>298MF657M)@1CV6-2M%F&]'M%N/RFER MA=ALL?\Z2Z->7AZR9 O)%CMABP,5C!KUCF"&U&D'$\HLR"K)B97WEWS_.7?O M*[\@:UUU=K22?
X_U#UIY]0_B&$*2BI"*]EW_H&F8ZVBH]>:R,>]2E(Z4E%9D MN)].98L*UEVl8\NR+3HXR"+*WT?H.2 M726[GB>[KL@^*4_%MBI=6*Z]&V7U01&H(.O#W.C<(QUH:Y$@F !@%#
(":$?I MX-K78\1S!FJ"[_IC+>_]O#5)>Z]JA#+PC>%./B6.GS2.X8#LN_'9O?PI7C M<>"_ &E%:!DN'M!P3(%\GF:'[89*CUHDD&2#/KV/O3D>1.SB&_"!J:HJ/B"@ MRC/^X_G
10$%K/V;W@IP0(C'5H$R($A82A#Q)X*=G)QJN#[:,,G=+71T M,#_G[B=*']?6,H MSR14_K.(&)LW.AJOI5BZS!NVRMLQ#4@$I+J>#&M.95@;//O:LH)2 *R+Z\3M M%%O\GE:/K?
%JRZ1OLGIUAK'W+*/D.'SX_&GWVX!SU@(,%W?-Z MI/LLPJ:OQU?E+$!?-8T|K|XOP*(/>Q" 0@XUAH8O $-XT5^ +)^B_'V#]:0 MVK%+;_O[\R97<1# 7X^HD7(PNH"
[8Y3F&>@0/J$3HDI+!]AG\^[GQ\U?%-%A MIU*E[\DS^@YP,]AF M&SJH9QI;.8?HR8H:AVP P8S*MV:.FHEG]WO*@QY @-I\HGD=S_XH8"?,0Y\BX8+
MJE>FSA70/@C+&^^.0W([IC"1.QK"9,[),S]BMD2*:E1Z,94LU56 UQ!KNNZ(Q2TK6W*28K%PCfbNS_U@O^_O6|O;AM)}PP/>]> M.7N"8A+\TSVG"%FRN[5G6UD]WKZY?S9
H"AB# ()$@1)$0" M5$WTR!*)1U56OJKREYF_GN5G![IT4 6 416)=|?{()^%I7)XSHN/"XZ;)[;DP=>-?# M_L=>'S._G!MPO9!"S;4 H$;A:12>YM@!)0I\R;Q-* ;S5#X^[%F M5+ :%?5?
2$IZX5!FI4,!SJI?^/"TH]$Q35?,.1:E,#55X38E76NDZX73E)*E M"[9%8.CZK9W[L"E$S6X5%]W9/ 0/*+4EH=([B1XTCVN$#9YHO)"S<621:4# MHM)O# 8*7G-
D;/1"T<62V:AI*%.MH0W+JNA3 =]=L1&RT0L%(TMF(P11C1K#;EF;0^6DKE6F7/?Y MU+5-9LWFGOO("%>H8ER\$ &LE4CT*Z*3Z%N6S_0I6ZE]A^F;-')V=]K:PS+N5K5H1-7JB.5IA-
MNJV3LUZG6Q$V.6Y?$N$]@2>CC2*5\,%3N80K\YO(;>N!GX_]]$=[9SZHMS) M:K'17F-+W?;)6:?1UW:N*%D1=W);^[M#S+:NC+9?==7!3+U.H]UZ$Q !Q7[[M)".4S'K=D[-
!N]$9E>4SJO#YMB>3OO^!G1M&. MM0HR;?.YQ+/L.%?W49RZ, M]-^R+,..^G4Q8T,T3Y5V)*CM%VLL49>%WF^,O($KG*0*O%+/"$H.]'JJ-44X:
M]OOl.!"X%&M1KNKVOLHH55">X#-SS9".SPYZW8; ?[=^^^@=\.0RW6;\9_ MSC'%MO0^ #INX,$?;(G1'P&;-595SHJ8.&W>S.):3?_^$U9MULP:ZGN>HX.X-9 M9QIV--D+Z'(V]V
@'G"@;!2#6=E)MDKW&<@O/KW0D(JZU2V3MMD^<#X+7+!|[M3%0C;&9[O]@/L>$7Q_>9^AS2K_&EB@OC3X9I.UQW<1G!O01 M)@U]>->8ISXKU#VF^LGGL#7S0ICI)Z$\Q%
(1AH')U@OLBZ6/+9OZ^.R0CT[/ ME(],/7%%8X=>>RDE?)4=_[.SXQ=UIL],5[F[16,H"QZ&=':*[KU[%/%N],L^,*OUD9B2JZ.5]Y>C
M1B7)%170[!>@U,1Q1_.C#:5L,)L16)B'GC'5]6*CFI3"DFQLGPS:- ME"!JZ7LC"!Z=$Z>/B+<5J=Ð6;_I+>U<'UH!22O%32M4\FMS4__DK-<8]51? MBKWP0_IU\!#CU/IY.K5,DSL?
<#$&+U\R3"ES/ YWZ=37C9HD,QLS2M-'3?$* M9Q]1V5$;[S+B#M24K1LY1<_;2MP(0=S:[CF!*G>J4DST@DM=+A/U6Y2>7-IV M]=#>LVJ \6J;VS*)<@QR^O*14MK5
A>++PF>E[8C[(A6LO7ON;(D+]YID*$&N M!#7*/<-Z74%N4|FQ3JNL$B$5AFL5@F]5'WDA0!;?7.?4*!]H 8\U-L5:I#OU M!SX(8CHI8BJ<@\(Y*)R#PCDHG(.<>-K2E!6!43'>+.=J-
MX;"L[JN'WZ,JK(22L|<*S.T@9[V3LVX9L3D%GMB]KN"[*8Y"1FP14$,"W@$] MO.?4'CG9..?)0O_D;-2I2AU-A7G83\SL13XIJ%`)V=:H]6I2E'?CHP.3\Z&C:&VQ;EMA-,&LY$CLB"&%IC4-
/%=FUV-@=+]+'+O'- M6VZ@!)G?';C0M/!QNAV](_6*G-4^@@SO>Q=6(:JOX&0)'1W@,S>A M/I.#\; M]&%8'$+W91C45T'0#^UA<]_E!)O;&O-46MJO"_0=#J#FK]HS:,S%;;??QL
MH;O"_L%UKT"XM>)Q5.%6Q;HI;2$#EWW5G7_"#ECH87#QO[ECNFN:HAQKK%G0 MZ#XIN?-%E-QAGSGWV9LC!]FN-Q1OO^4S'7T%#RTPV-V>"I^KL-Y"ZX87>AUO
MZ.Q>AOS*B=GM>B(L#AJ&-8CWJ;BZ$L#=!?"%+M'[%\ .9E8/ M=P=TUT'^BN3LO<&F%R_$._;/FUTP#J-&OU=]YCQN, @XDWV%^7A5?^I/*YA:
MSK7#MQ*4'H(3.ZV]],A24)&]>0N[L5XN*O$G?OVS#5L@2$?-+]M3D6XZ^@WY4.U*7]E0WX_M;SMA$$#86@WNKMC M>M6FJ5K<5;(A3W'7,@-
AW_/*E*A4W%,Y0[V]:NJ0:AKTJZ*:CGI#/5(;[E>V MTY_=T NF6TD#!ID:6J\]3JO:$E7/3J>Y:YF!>]48:L4^E6*?$@WU#KH)&XHW M>FI#O1?
V$+D.87I%DQP'(P$<'Z1XY=%@OE1%SU?Q@@JKEL')6:_;Z&!-LEI7 M\E0E>94 'X.C65B A^ ;=$H,FRL!5@+\)@6X%>_L/QB*';0& W*0E75KH2 MG)!K5S6U'URHJWD%GT,TPJ#U;
<422@6F6QI M3C6DAJQ@I2IGU,ORKJD>4F*C_N!Q02+4MBQ8>HC/QCQXXMRA!URX,YB4*']K\]'N3 M_&_LL420'-PM4':@_B_;X3/5*3_M_#-O:X#>?S3*YT$*-L--K;G/GJQ@RBRB
M'E688W/=*QSN^0TF"CN(BZF[6ACX 1 .'Y)4>D C HOD,QU+.0#[CL, WO&O MT/*_]G/I&1<';X?OP(JK_LS\<(P:!;T.$ CVI,-;S>>>^Q,\EH#;S^R7'IF2 MLE3EA[\>NT@@;?
[6;HR5'B<&*V<0L=Z$QS3VL MH]HC4JF83!)P[G&#$V>3VU)W77"?4G537,4%'>"'\SDLIZ'/=<."A0=1Y=ZC MD/18HPJ>@6'KOL]G8WN!/W(+NS19I(90(WB>[CS0LQH9[8M#FL-
2PWLGH'(MFTU.7AN22+R6AFC!HV"%^$]817@2]7@Q5EBZ}2 3L7-2A>(&[G?-S!X ^UA^,$/O M"039YT["S=K)V00<6Y++I6I.378%2V"*?4:6CHEX]$,<,=U(%;,\S9 Y+:?
MT@;P);)*H@L6UI^:*Y)Y@VF"S1QW(#-. ^$I&0>GQ*L1I:ZB0U(/P^K_.M@ M?M&T8U5_4'MRO4UK,H%!@M;+&&Q8F)J#%#!@A+3<3V?.&+D?3<>@0 ._\&IT3LZ&S549?-
%BP)B%&GO% MD1>JW)Z;0/?DK-5AB< M==%:D*F)8_9ECG>R?N+N4H%U.4I7\'<8;QR>,-HI#>.8]U&KY'Y4U#635;$ M7ZY^3;_R9L
7;&RB%*=O;38'9=NC,\>..S"8,^$7!KGHULO3*U)&$MSS"2VGI8KASZ0J" M[TU:!@-HY,[HW$*>Y53'_-[^L5R+L&OHU|-<$D-\;[@??0'7PVM]UGGK$U
MN"/&8R9REH$[YW!;VLT&3@ZX>#BZ{3"L!AU()?;ULP27GDCOMYV?3)FGN7C M%-PPB#8DB*#I[A@S^%;'_V?A&8-AEX2C)EF/$;/QWVTT'J,GS-T!_]LXKDS
MI#FW;2Y=Z*BAEN5,<,?Z,#K"F=L[@;P,6H%?89]9,B=% 5&Y?F1OI#M M"6T3YR^W&+3]F>D_>.);YHR.B.7'@\9U&N,V<_Q/N;+1<'"EQ!**.6:W"E.I MR>)SJUBEB<,M>)#))\"'"S-:?
_)#<2@\6+@C TY34IB,X>S\L:8HW&3870#?+),@KP.?ZfP<\<$UT;DWLHQ@LH@OK1?U>Y,) M:DZRRE*>ZX*Z-2P1/LG1N0998!!FJ4W8"(C1O*3E2IT>/$_5*MH'?X9.L*M MIP?:]&
[L->5SNR%//H4<":.:4;2\$PBD)HCCE;$2V39,)(L#U5CLNG'4<8R M]#3EXC9K@@#_1(S+/!.>@'PUQ35T9AVGW@-:'P?-O?C^ "" M]J_BP#A!F[Y?D@NOOC#Y2KUXOZM
MRM&+Q^6\I)ZQS)1XV5RV-$5OD\$X#-Z(-.UWAT27XKQ"GZ++Y@D?"C= .#>G2 MN-$2R[@)Q]Q&KZ*]N%%F^TOA|2_ M9+G[2Z3%^]&-7G-HHY,SG\-
&8M61_/7">BP=2!)$!C5:B"X8G>,TA.KD:X^V M4LY<@[Y.GPA>C9'}4A+6-"Z4T32#^[1GUPRZ\"8]6]'0G.,CQE185+@F.B+>P7=G[*) M[3[AJ0?I?7++5?>1[.>#3K-;4D\-36MVVL.*-?
K 0776=Q_9L-%';EKD]'-. M$*8>Y^PK7#?UV2<07S.#+=Z/%%BG_]8 XZI2*7M05EZWC-H3Y€]#*Y"T1T27 MSAOJH['@!<=^O&JKH:KZ+_EB:]M.9C:IZ*
(53!;IMC1]XJSM7."Y;E7Z7QZ(-MZI^A)"TE:5N(VK(TP=Y]U%9-!0ZH[!>X62/L%X861"S87X+YS6 =0X[':05K MSL1VJ5IU/"HA;W)'(?A%Y/Y&X@CR9+\#LM_;N?YM=?
M=Y5O_=2=G"8A(...$0PFC%DFJT48KP3WLW TO$4YI^,1 M[;S)'85HOU!F :][/?GN<*C7TO6N7(^2<;Y[']9Z?\2X5 *[R:Q8EVCURG+ M ZY S3HE*DFRTIA?/#X R+N)
A9V.88BHSF>A&/LP):]^*,V<^' _7+C MC*,R0GI5T?WYL1;1+)/](@T!2&T>@MG"/]X 1V2RZE$19(CSADBM\WS&FU:E=
M'707+DJVUG)'QP)E-.'MMK#.8&/8WKE9@#HN5SUXJRHIER'5G[E_PN$+H$QA M.1GAIKK?WKE6=TV/W/8N#:J+Y2M*`UJ*^R>WJ!!H+12"UNZ=953!^LV$0'6
M>VTA0.QD83'02A(#90LV$P/58.F5Q0![F!26 JPOU=!Z56EE?-S&X'I*/4YI M0\HD;"X+5#9GK2!$]=;.D;1;BT('16&D'=GF0##(J+HR0956LP?ZNUB*"8[=
MCDQNBMJ0P@+3/3G31HW^]D@M=>RT$Z_@ G]@5U36R0^8LBTER\AWQ[1\K'$2 MR7 3.U *ZL,"XC;N'EJ T'TA_RJ,'$!9UGVXW_Y MR_.6K!&U%DQT
N/!*0=R+L:Q7)9%RZW+\DSAR8@'L4%A4DXX+A5+)5KBHH)+ M4XZL*?,0TA/ZHEY87,DK*AV=5+J;DV-92$&;QMQ;*Z?=0M2ZE#.XA0G<<,^@
MBL121$_;"7V&8/!SZD7_I0+UL[JU]\U*EH_"U?&=C$=Z7J"[,(=GTAZ*PH\ M8K:9?S?5/?X15M6,=C_+T#EMM%3["CY,+K!%SP+?&Y<&*V[>V+JSJMQ6?B$1
M^=B2O<,21ZZKA2(&FS>%SC9E@*I5K/(6]E2PBJ{&+ (E0ACI'VIO MOK!GYT^Z9R[H0JQZYTQY69H L,2(XV1*:-L&[V_6"&0NJEA>636GK71 .=Q\LX5D-9R?/"*B55)%#
[J>Y7^IAP\YL\82IV MAMO&DE&MAM99;DRU"P-LJG:.EH'6MB"[X1ZM@MLU#X %RV<,I*!1_N.YIU4 M9LQ#K82'VL!#_.:V%14++2[#EIQC--:/LAY->Y([3Y6G=FGG!;T6?R73^[;
M'>":9J^]LC- 23RCDN3>>1+:O&8?_"Y+#GCPI(3>YZQXTE*-"50RYTB MNVU$-0V'*UNN'AVHB=[;]E56N,@*+I1#+@_&50NQ6N7WM@_E]I*;^%=.U%)[
MV;/MG9RU1\O0A#)6L!/4B\NV-)Y;1_(>;!%X9=AL+A=7!?[-J_P M.)R JX^ZEZLR3HU/S@Y&W267:;WA|+A#"UH0/;]:OL[RP ME;X?@H?=;K9+TOB%8.D>%-5@]4=*I9VEO*
<5+!4!4O+#I9V:A4L[71QWS=JEE4^ MJ+I9IM7/4Q*9:&(U2T],6E+6E'P4L<[Z]*-.;SDUK-.;3[4[SJ0D\L*9*Y:E MC.PHDM"47;1)ZW))LSWIYZYOX24?.+C6(U_9I5ZN0RNY11^#
<(:!ZEN*Y$]] M>JOX_.73^@ND3/V<>DD:QP,_'7M<_W%*L\^Z/;3_NRC4DE/%V:6I>XJPNQS MWOF:XL+CILONN3%U%%T/S^QWT.5S]H=KFU3C/3 WS(#;]S+F3^>;&W ?1>V[
MHX4D[;IY_<-M,RR?LOQP"U5>H,H+5'F!=0[J.;3 '0-=W5<*#$I&-)A.=%Z\:8.1AM-RC0+'(:X6K1H/2SMRWCDFU-XA)#;'T M7J>E8E(]O6Z,:GN!A&I8^-BTZZX &S1!>N@Q\9=C*)U
MM&99??ZU!XKR65AE,G&@?V45_FDZ*NZZA,U_5M\<=^'=2]_*;]V@TV"O5:+? MN/@S !XYR-/[LJ+!/7: MH .7V"-NIB0R37V!=Q9-NL4%*G|' ,Z?-EREL;=X?B?
P+AX=)OJK_K7_QBV MM<%O>%TT'$;@53@E3YJE%Y"AZ^#X/#OO+2LU1$KICGN/ ML+E:P3*V[1KTV_7DEAON@X/61_ %=4=>++N#0RRG@T#N* @ZHY$1=!>)8D6--
MJP8^05##RU4STJO&Q:HQRY'6CYH:R)]?75"?+F#3GFYZ5H%?ZGBS/5V%Y/]'E42G7.3F8A<_?WWR.<,9_*<)3-0_>H&^-LOCC]Q9[C.K M\H3>>IZ0UNJOW\)(SY.;^8Z]
(3SMA_4(&;GZ.VK)_VH=#LE1B6(T>"UQ AA M=,-5)QI5$;/CQN!>;>:|LUU<8AN4(0\'S MKB%6&M<&.P=CUF1UOH9AV02H^:,9:700=&Z+.2>YQ#L-.QfU1N>,Y/7C0 M8_L1.Q
MTPOIDZ_$3MK)6:?1ZBZ7S#D@CF('9W8+4/U.C6ZJLW7,/WI;%G*_&U$.+Y#Y MU"@DD <11VJXTNAW5^,Y]ZO"=D+\[H"ZA".OU(;2FGL8L4/HC4ZZ!..^LMM M1932*

K=7((*+'^R7\P%6\;XX+);FFEHO-,;M+N];K=K:,.^WN.3<;]KZ*U)`MUVS]3W]PL@4P:._M"+16DQ5#\%PYACOC]_K/2\LW;-BY=='U.1 /S7E5NZX(GT5<:Z#_9'//?;1\G#:H)F9A?-F:L3G!MH'SLN&)>R^&A&,-G01W00C)K#I&98L1C;O038OM+!>M"P3^#8V(73DSVXH"%Q ML7C?O{GGTH?LGZ%G^:9%FLQOR',)I!3"9V$4)BR_!Z^%9_,97&!-X)KG!@NF M>L!T#VMYH!U8JQ-!DDWINQ?H>[!>!MI""\+YP@Z\FFHZ;'C-6N&CN.RQ%71 M7>;JZYDQ10BBGWWU3/^! &%FA+-0I);14\6C;D1+^2&,,H"WB+)&=G/V>42 MPRNP$+'^R"5=Q(Y!1<+1Y6R6$2I"M\,?I_A"2X@>K"0(L6ANBC2963!QG)G5QU<_32V@-5SQ+/L% M-00?&I*&@<0=\KT?<(LE,2#-XEZT_29+K\[D-8B(""B_YYQZG! -^(,UX]G; MI^X3>P)6S[-QDGDW%I-]+|4-,4] .IH^V!Q7G(&?L"<]W1HJ"R)$%<3!?0 A0_R,#JN_ MB"M\$\UUI^KW"<+W5C4U&K?48NT,T6ZGBF%X3BZCU%!CQ&)%U"HQ8(AA142R? M8G]A%^0)'12Y2<9WOT<8F[@B.:U6%"1-0=)>BARL\.OSSO6PY4E[9QB$ G)6 MA8O>FM2LKB"\T=FY#T.'WW80H,')6;^S'-M>*@=<:]DI@I_808[JP5B.+++.T M1B6OYJO/T8%8S&*W>L Q[=,Q+%N2$B+T"PK\?P;'KZ|HOQJF#ULG9K*.$M/@B"#%1&51[F\(?')A9R.L.R=?(>)UHRP MGZ.P(KT,WB|/6B@LMZ|8QA)AC(-&=3'P>L/$ST]DDMW&WVJ-LR,*|C=(<*_LL! M?&_>-6'X@14\+X3!C]!&UQI<0OOD|+) (1Z*CWJ$/QV48,?8P,AH%0Z.% M<@-,$YB!$-%*A8X7%T9)KV(2THW"W*8+3W'<0'9AP`|&7MK F2 AZ6#MG"; M [1E6EN.N;F\6CG8&$EW2:)N!|D&*LY=W\(,/E#@&%A=1LBD[D_=)Q>[E=RB MC\';#H/5MO0)!9;=.GI#'M$&"VR?^KDYH CMDKQIZB71E@>04H_K/T[U"W0=A_AL2]&/Y3#@"KC ,3[)0 M[JDN*N4RX:53C:C5)167T6 1D ?UN[G'@>!;YR"7L/C@K#R+$: 'MLF@BS)X MJN#9 JM_1/J?.^:E(, *9-&@GH."#$7CJG]W"#H M3@ICN K%TTC!>.0@A*-"8)YMI+'!LC0>"_1GT"X,CEE37ZMZ.!NJ1#;,0|&O M+)2]=I'_M@<A;$HE'<1+<CKPB6#Z4AlZ,'\);2&K=LR3^OU'2AP,CY'=]E9] M66_YB%,\J5W*/F'G)&;5! 1M.FA>H4B8(73"(\0TI AI &80H0*V9H# M-6*JS/W'@OG(=_$NN>/.+&=!)^^U8IFEQ$+WB_C.==A0BC(GG:>C {AP?RZ> M^LECNU-YHIDZ5,SW\HH@IHX#1K&BC<=ZJ/1"/[2H%9 \KA2=.E*-30L,C=Z> M!KPT4CIX+3SI(J!E2<:!Y:-P;Y&7))P(-:V.VJT!\L> M8$6$HQ2_,,l ^|KHlVKX"37T,_9^#+@ZRKC8QN: G5MKZ_!7VW\N)E_J,Y M:GT&LJJUl*8X|X4PO;3I.+D+$85'\!,P6'T6-_ZMC!-&ADT/$Z]WRUF1X$GC4.!=!(0K5UWP|G<$G4 MS#@&0LUP=B_0CUP0A$,*91H|,J MV86N,"AL%'Q. E-'<^,(-O%,E<&|M4)8HRA5N&I90HZNRA1-$N M0>FSOX^]7_RIEK5YVGN^]?[NF2ZYM/M^?X MQ5W)/7=*IPL]ZX,5P(N,#:O?)-%;;!H5^M18@[9.;K|[%L4<75#+)(7E6_"MM6%:070=I/?0#L1E<>U(YD_=T#;9F,/W.D7+X.Y_AHXP#Tl60.VRPYA9^, MN/"3D2{\E+S5CPL_Q;7;1*|M$P/S6$<**|0%;A*BY|;/GZAL',6:82K_%7VZ/Y ;4U2FIGF6|^B'&##/\G\(P@,S@06$UQ"V@&KP M^(9GC;'-7PSZF +WX>-PWNW6,W>RH1I6'H.Y/^@>??M9OOR+?'E29(SNTWX3-MDWR)@YK+^F%#VI"O13_,:W Y'BW^5$ -5K+LI:BB1WT(3<(Z.>XC^34- 5;! M?Z=P^:D_Y|0N$0MB/8&K!CZ=95C8|1#XVZ'Z3]BGCQOP<%,XFNP8|&?_)_] & M#X@-08?H"<&>[@=>:. 3P$E JW@|>8/DN5%%C>]9=1#\?X66%VD8TEX&0I>0 M,?E/T8.,/,#8-9GHP;@ K_3)DVI:VIS;,?>9>C0"[]I2#+CYP-DY^(TX M$Y"#*[#0-JP.%R5), ^,C.14=''5/3RY\ZBW!;,ZJTB1H$_T+U04T>,;,C%HS|_.MH;9$>%3ZT>E>C3@3<&Q^9^_@(;],#_J8&C,BB@J+W9OO4?FT?F^P+OTLG]^__V M#KZ #!J?*R^M:![2U[J8&_ZY\5R#^SZ(^=WEW:C3CTHWS?91_[L1NI1 M*,ID. TF[&PS#UJ/A2UU+8X=0@XP((R>A*/5-+*AGG;&6W89' BJG@!+'*P M(;1:AN?Z[B2(Y/8/ZT^XFMW!M\;4@830L(#WG5,?OD>Q48)!B&6)6_W&QE=L1NNN MQG#'-H-M@04SM&&ZIR;'%[TU_H5@\"?$X7I *73%A=-@HW<"? S.P_09Y);. MP]*T @N3?.'A\H'.?*3@O*56I+!@7V.+_Z]>N7A2$TQ%AQLH]@2.0^QL4G M?[V|IB>2WH')Q&*4N>@;7"1Z2IM\1UP9.;[;=CIZD1L4):&9%FBYPV8"[\ M3%"3X]9$ I.?!?886 S&JCO<#7U;7)NQ"N!YZ;0'0B+ .:O@2X6&'F_7B&2X M&R'FI$=Z^MPR"0H-;@+Y13HJ%I_-GL&?P%O.N0M6&E0[T+>YNF)X/7CSSTA[M-2+6(^E&AB%S&#D_^'FX%BFV^4].&AANA|IP.D,FS FL(HCU(5J[43(H,HI MH2"E^Z1#ARPN^>XQW@EB,7;1'ZE.ABR(=QDPKR^SSOJ3@ZJ1Y0O?!XE#87./U8#H@JL(F>N*#+:,0P M.;J+*_-$:)+"%<.MMB?]44Z? 0)5!)Z 8Q4S+WN.KY(7X1EL'T#:2@=7;C\ ME]ZH.6 S82WHZE\ZO:86?X)"1#T3/%@<\-*RM8V;N*@J9!;3B)AOUFZV_T(VC-OXF3Q.S+X1.J5/3S=9BELHEXI/H!4Z? MPW6HHTW6C08T?/?Q-%FYBSEJ]M(KY'1EK6E=-2VU']EO%X=4<_$@[>A13QCT M?,,QZDC*WYKL_W3)H,LUC5.3$HE@NP-;)CHMCNN@QSL/TKGX%,..X^X$]/X$ MA(SW+JAHY$OU3%<0U%XRl;O8&Y-#5A<9DY/&FX3H-=%@9!<2V/D-C42U8[- SF:.GDJ#U.VN;B]IEKT3RZL1X9R ML(QIEQ8V)! [X9GAVDVRO$@-/+O#UIZ^T#"SU06#P:AQ_,Y2EB1/4\)IBX;H#AX10W"' \UB,-/8/,]&J[E^,CC M>&KO+I$O:Z@;TG&(O[!$Y2.EY_%W:7DAS>Q2I26?]=]52HFL1S]JE3.< MJ]&F6&@'U5G1{@3]?E8OFVKN+"A:"1L/HR3NBK;W'[_H 1@AY&;)'3 MB6N$!#*,9BG!H'[@N519& \U@01;?=TTV!Q^X ^PK_Q*>,I.#!"SE3!.X|`MPEF8<)*",B,Z)8*P"VBQ"9!% MW9?HTDD:*T3OBEY$5;TR$)LHU)VB"+NFO"%K)@84 ,A2H]*=%'0=T)RTX!L,S:&-TVL0#Q! N*CZ#X]2"82P_0C+&X4 8^9 M/).N\X!S)++#4$<#!@",IO4=G$\[\9-)SU!_-0A?%>/%DPP=D?OKF7%H&RB3 MPAP@JLOG,PPQ4VR?^X&0EK34)TMXCY"*+D%^-9VGWR9W$4.1P,_$TZE5 0N M(^8BB /SS)% ,E*.0D1/H0R,!;%+0O7([I MYJRFKHQO;,*/SP* ()RHI>++#PH//B.@?1A8U%A/N8!R"Z(F&=P/YT>;]6RN[' MU[O91&-7(FH+]5R DL+(Y1BP$P>7++1ZC.C, ^\);I.2)==QR9(=L5RO MK&=65LS)G^$R:N?%'([:Z]HW4/U %))NPW/EVT?;L454<7?N>;U& MQP5&5E+HC*((@YSESI3E;S5,VK)1/! +9!*;WPPH.-1JOKVXD0HCKJ;4L-?L MOSF&*+/959[6]\: <;]84:M@%0%XK_NXUAV\.#Z/@4:LIU6_VWAP_O+:.35XTY M)X'A-^/-=9MO#]2KG+G5E!HT1V^.'TIM7-JIK':[3Y]Y]_2 ,_A96/D=<_]6 MR@!47%093{&B.O0"T3'N9#ER6+9? <8C[W\:91K2$65QH"6:Q5FJKTR]\:%?_ M7:PZU5C@*$*.WM!OXUAC4>,M*[OI9@X^6H5/=>N_T54"XH?WEX0*U)_RVD_M\;,*QZRK[M5\[>.GY0*? Z[^']5/~4ULN<4NWAU1W).UQELBU(YRF.Z/;N" M1\)$W:V]Q*-DHE(#9Z/*JM3?1<VR MYAKUF/EGW_BR5 UU^8A3O/Z56PKD4^(;#R(5^PX/4M_OH&.S5E>6:>|+YAN MB$?? B4^.1GKZVQ^6]42:F@G78?S=(V>^3]?94Q.[7DU[;P&?G MK),*3?2?G297U8U0K],8=@Z1?55.;R;%@%5GL$ZKT6H?HOE'R0V_CBV';K-U M?JGN!SU'FR)>>]>A6N9(-;K#0[32*CE1_MB6I=UHCXKJ&[4LK^_^M=]@[YKC MW1#MV("ICKY,N]$9UG^MC75P? 0 M%2+0YNO!($)0B+154:K5'1$^]C$\F$A MV3/7/?I6@\T|"Z@%TV(F# +N @I$+| [(:+NEW:G.8Q>3.BY35H%T9U: MLQW=V,SIL,&>=5>IN)G,###=?S:+#V'=V)@'3YP|-#4Q5:(SM!O%L#L59(C MIGP#KX_,*5NP Y)^F268#V2R)C _)\@,$)_YZ-KAC!8V=\"P8Z]2B:IT^?G+^ MZ2*:A,^>H8OQ=4,/&LXH2?NAC$'P'X^TP/ZT. ^.D8%O7'J3Z!87[0[2?]V4##:\VRM:,E-! MD%_? ZU"X\.HM2J];.#OH2(+H1[]96PXPOQF<>&&8C_(]7W]/T*WOCO-H%P7K MZ!8H6Z*7V1=F*W!XL.F]HI8<6-=>)20W\-F*T%^9S")N7C -";8 M7(,L=EQ$$^MC]Y$? %(CO=P^;Y]QX+K9]0(R]^. K#5Q/ HX07E?%,2G(GX+] M*F$+UD1TVL-#'E'U4"+^WPG6#M5F,P MVK+I7 48[&@=>]K;Z]$A-(0EGF6//HX=P==O-[>L651C/E9'^&N.\$>%6Z@K MAMCU_F,((:359U2ZHV#XH--LI[:!,.Y:>!B_2Q@A4Z?#FLVZQ>A+4XW)G% MZ:!?5,-8R/6GR$*372]^Q!ZRLTP-OM?LY0R^O! (''^!',#)Z'4SVN,.0M!V%. MQ1*$)?\D=LN16*JW4Y.Q1=J,B857U#Q!15?4/&%XR&GBB^H^,)F&YV,.V7F MN%8]UE"3H^!.JI%MU;Y90J(8H@W"7%8M.6!'=^_Q"P? O2:=\N!/X86G8OH.0A[%RFL5JGA>25@C&;<^B^_M[^)G,:0<6'YAF;KC]|SZ;_W9),Z37O$Z-_&O2W34/NMOQ@[+_STH^_3DD$&6VT M.XR=L8>4,Z9GG+&%/C$J;E.78W6MT6G7MU";8K"J,YC6;O2Z[4U".M]XS:#5 M/$3FCHK;J+C-:T0A>]&YG3JF5W$;Q1!5C-NHAJ#I^YV6S4$/5AP;H,-["N,=#SE5&$^%\0[<%[JSR MQBSAC07+W1@*Y-4ESM)O%ZV,4IT@B^*NJG/7NUYGL-\.02I\MWY!VE]O.51- MFU3LKO:A&JUP(%!%:HZ9'}YIS=[FBDWQ@LJV2N]L%OH-WM=;M=0QOW]1Z?C/M= M0V]-NF;K?T;:R18'_Z(7OEAC" 6OT+++I+B78{(+?8X!$'}+?33?TC$(1C"H*.M+#Q82U(W >K0"+#N(T3$+Q*+A5&1)8$Y+UR'T&[*U*64,9F&S M)B"]8_C$V50W0;I,G2C3.PH5X6N9_]/N+'V-K)]T70Z)?_(*$H>]F!HXXEC'MVG'[64SGR?5^X%P,R278^;D[.;>K3OL-?L+6B;]Q*C((V@F:P([/"GWJ}$7# ML'S4'A-0\$0:%Q01Z0!!',MYY$ *&/Q*FL+=?CB?NUY #P!C\11,F^P.M.0W M-^!L@%?@-Z&CA\#\7"P5!D#I-SH1I+S'B>6 SK%@@'X 'X@V53!F.T0MRVV? M/TVY)W42C/N_0MT+N >><=,<\$<(+!FF M,*5ZP&PPD=P<(PK1V9%4%8X2\$WMNL!P$MAE6>"B2=A$ (+1_ +K!^]W.1@ MYTODA9GN/+,):"37 PD3?!3&,&E#%B=-X3IM&;X';X.X_N)KA E4?%S6-L? M/(BN6BD/%-P'/H=APFN!Z8 3D 'YC) I"@?<#X*@0GR:>"ZH3#Y,)Z$;O M1G02\1N[$N3 +1V2#*CWQ(F;2-ZQZ\%T2(9A4 MX.*"!P&CGN KP0E!V9>7>+KE9P87L\Z4. &LK*!!)!B'8!:X+S1D: NF6]!1 MB=I O6()%\D-,9.&,(*Q#E8'3.YD QJ0FW477O(&7?30"&@B8 KA#&WLO[': M,Z3:)G!%XK8*_Q+5J0DC*$D&8\%+##JEX24TK8+@!!Q4)_^K,M)(P5.4. $ M%4W?'IQ0CO#5GD"9B/I;JE/Z#=P\|LLUB>RM.B-Z%N!&RG/>17X,.9KR-5B5, M:Q?C'#3:G7X=HYR*MZK.6^UNH]\Z4/72?0=.#P!L>D$_B\.P%?IY.YS3HH&T M6DI2WN2I*DG==J.]/$03]!(B;8K!:L!@[_J-OM;;,P!Z&RU=?PY:A18&W&)K8[<"9>0>U! JYY?! MIG<]B0@/G0:]PPD,$;S),.?=GF.*6O MC)@OH85^:6N+99 C0$#R=GC'8GQW'GISUY_AUED,KMU@]+ M,8_;X-:CB'1.V"]:>W%9EPA] \]R-K8(WB("<5^?88A5]SPF0<;MPW]C;T;_M+XT0MZ!.X'H$IOFE%_4UCH.5PF*$5B2T)_ Y"B:?H-MN-XM8V@2TP"3_"UGCZ M;.[#^PQX'S-YAB!>B-@+F;#>R.+(§E2 ;>DP=\&;.+).A(K% &CD$/>V&7EGYF@K5=4Y5CL;3^ MFLH?)D'X4/7]#,8G6H>Z8TE8[H9ZM7L#;DI_8_\F$P=-6?:(-[;R M;C(/?>G<=',\C>R[7_1MM#P*>NMK//SX,ZEY@^Q;[2*#@44M#Q'9@9Q-B-U:0G@GRY4H8021CHBV^9\$8>?.VI)_SV&M-ZK)UR MC0OIL96X0I|@A42QMG'JK5B#]2.FX M^<)H( ]1IF=R\[(DW!,7)40P9B@,&7BI-HYSKAN(A\=9>X_2]WP EB_;Y>0(-M=LU7<7CIN';-:=.2%T(3T/;$W!0FC#4;R%ILO@9^'+'O3H(GPN0BX^$L M5JJ9LT,FPCT-(>5+ <\A!A!;"RQ<);?^ZV47=N!;V>Z_X.1H4E>AB](G4]@-Q'0 MKW +9>/A-^!ET,M$"EMR1:-LEM^U+50MC,_G.'1VO"8G+SPHI6?SO4PADP.. M4W=)DQ#O4O8+RBC_R3W#DH(3E;P4"9NP)4I.M7 XZ,X1I870%5&F$YG)IVJD M-"4_HD;W'FW!9??WGU'(OMLP\9 S/H'O,$-C6F;^S,'EX9Z.##*?Z(Z8&PM[: (<\9GH4G.E0Q1B\^]Z__6RW M6[]\C;?X^($V^,UGETF&)V7L.KK[#%LD$9_C#+&+.$,.K[E-9#YDZ3_AG:#[$C["A>QZF^|OB MR",'K39_Q$LF8C@"/?MT<7]!?]99'_&V8IB0^4Z5H!;>CP]|7WRQS(C 6K8 MR%G"VXQ=*YFF#2M.68Q^Y]$<7BB/7U.I@98#=)M%-0NP&(.?Y" N$F"F/TM. MC3G7?]:""B)E5&; ;; ^S:K70653(]R22> <(AY(+&$*|^>2=+L3#E] MD7*Z,/QNH)*X,*04@<D[E1L8$[(:=]V.6,IT8E(?*<'1!4"]WA3MI,'+G1+W M4#HYB3163QXP=F9)WH%Q-_M#AM3<7AY&V+D2NOHIUKO'7!|-VD]4_Z5N,MWW(C. #_]E%[1N4$NF3;]",=; MGPGS\8[VB*FKK)KOR'H0'H9Q?*'F<,_E7IFA:-F*B@Y418).)^B.M,-/1%31FTC)$%0D.(T3/@QW \LX+T#C8|!XOBEY@$:S:B(F'\-2Z" M8s](@$SY M%E7!"&>A.-V4YY"ST!&%%[)M4Q*57"Q&H[N9.09L-R$HP340+9.E7_QHLHT8C,QQKK,16F@+7 MH!,),WV^LX"4R!Z1TUU3W<_L*60)GH:H4I0P,YXN_D M%KC+UPN)V7CNQR4'M5PYR!6RWOE@S*Y!X5]!6GR+%,X.B 6.0@UUP(KM=:RJ2$'8%5LYM2S,GW"G,K MD<4T72Z0V(AF-F09K0Y5,<*1Z(P%S-MXYX7'8!7Q-/#\TF.X^Y MUG_V80?7D!MSE)XIV/ G;M,S$94E70@!C$-9,70G]KQ.C_QDX4CXJ4B@!U1$Z[EC< 7/UN 2KXR(+B),EB5YO M3?:1&WJ8 #*L2$KLE)185,=T8?0^D3[E-J1'D*9T1-1%FJ8? 2876HGIU?A!' M8&C5124T!\NN"0?T F;DIH[831Z\4)!,,6(SF]C>ZDULD8.>SLE1;GT/N%XK MFO:=W]ZSJRO:4K5_N\[_X],MN_KV^?KVZ_G]U?6W]4_J^O4Y]=.;[MLQVQQ M9,71D-&>-/X9(.1T:M:#/\VHBJ]B .'V'X6OB1$E%[;Y>CUP/]2/SDJ?KK1\=X1 M!@KWJKKWC!$LSX]3?]+*CQ1_TF6ZPAQO.TZ$KB3#»"M*+K|&,B@M'AF&%#I M;JQ0.K6,*8U0ECPEO8RZUVN17YQ4B)0%+,51.!9*!$,0"G0W^,7Z#XX)5@^< MA(+.DQO7D<%T^16[8T$,+)=8[5;@21QH%]MRXEF[]EU3IBI:1EQRH+,Y0AD M<6"QQ;>EZY>: <6/A:7*<3CP^:S;7H_%A3"VRHK|+H.@^P.5BR(@PM^ Z67AW M'$N)X=61E4\7B)455[>.LVFM48WD^[Q)D1_V>>6LMT<%',3Y7EE<-:)CE$4_ M)*\2)2;2E!A9 M;PA-(./DBV5A%%K-YI2475&!MI$NMAJYM^#ORMKE5E+--]9S I\3%11G9QNT MB/C]Q:K6P08X#8(.T6$1TE+*(VU2<*7PK# ^BI7TE;JX% ##UG*OM>LC]TTF MNR9M=Y4%<'2CWNG&ON[]?.#XSK?PAD\W:#M#PSXED]@:*?:"7/T M&8R2&^:';ZZ#-^J)VKGGG9ON\S89UM_.&&"4, *X,/^LG-V2ML\/B#[F M]T11F W?E/Z-?!>S DV? 8M6Y"T+\RGT(F#G>ZD(.FQ8F[_FGGMV3>|_$8<.E'VW7^>$,KG/"0 _K<{@E\$)>WNYEC];* M>8$QLU01I""_\&&]!*694*.+55L=$MK]J AN=BD:6[SIRC&_P4?))2WJP)=*= M0/?971B ^_9/??DU^G8ONK? 84O>!!ND&9^-03U%SK0+[R,WS_(XF8/=9EA MQHF[XI$-3LYT<3U,-.UBTI*R/#8\=R-C@P4.0-GZDV>R1F"\+=*^CSSV8&.+ M3>8U]0Y,9&-WO /8=!V) ^\.G"24#_]T.WXYCX*AM3?235$^\|$?XF|%/F7]3"?FLO,]*Y$$HL7:!L/U"COS MWEGOM^#S3S_GEO"ZLL(+VX7%D2QST#L+WBD<&,/I.?E1,MMV^2SP6@1(PWT M#Z:13T332?PM<>XL.E+@F?#0.+*P9;X#@2>HH/PA-T.8FJ8A)D5P5G,^L38 M-RKJ!==AT1*L)6PF.[OM5IOO?"UR!2]VQ MN,T^P\;.0I6+;T$YW>1-&=W?P|/-%>'IW6:VIRUP);31 ML#'HM7;3^9(;L/L0UOW=?[KC]^R+/MM&^.;]X M6U;Y:ZU(^2<5^%8H?Q&A9B]M$XH185L;H6G;Y CV[@2E#K\Z>5\)@Y%1<1M; MC;.:V'ZN!YVNP8 T0S=VL!K#P"YN$=LI@7 ,CI56T5,F%]=3>$Y7 @1lL0R4 @MSL64Y/SC?U^]9QMO1RA2I^CI5!=ECO:EL6$YW93AN>6 M9Y[6>&ZPMS];'$F)?MM-8;_M9@N_+5;$2%<,Y_AS%T.I(C? [T8WI1(R(R\C MRGU">CY*E.7"4G,=A@7LL"0;C3R|$H6:7F",*,J%&'6L#W *Y)C- P;;7C\U M[SKO,6@$#$Z 8L0P64&8$\M8|$L51FD51JE:"D8)]D%'@%$"(AK <%3T\H/(MSGC^K9KQO'X3_+VI-08!?S&,EPQT[STO1|U.T9Z7P^8(&V66T*>RW>ST^]7T MJ>STFN#UEM4\LU^L#>=]0O5Z(S4F-:,RQM1OOUHOUH-(YKNLE.YF\ MPD3%R$PL4T'G[$ MX. [_*_4NHY_B;*D<@ 8/[& M.]ER $83A>7N=&<'A.]P_O?Y[\^>]H]$F[U6K_ _5=|4\1]#*XY?,=LN]9Z#.^8' M4HC MZ2-:*4F!4:K_<,.EC)->S)-]1S3--G - "V7ZZFW:5*7E7Z<52FE=$NC%]91?J>%G5 M=?;L()M?P MBI9AOS.Y(CPC^[\?;[^P*UG^D%VZ1DA@YW>B+J/\V(P^CHMPZO,YU"1H&VJ M:\N+2L>7>J SBL)'}:GH%8'^((H/(;#=-+.%O=-CB=[UOGP(C+|LQ\N.2"W=_M7?RAU%+%U=*J_A.[9SW#%C_@#A6PNS.F*,'>DKIB*I<5G4).5K_ZN+\BU)D M]5-D%[IM8.L1_/V+Y?P88X-RI=;J=EG5Y>5H=/K5UBNQ)+:.;5J M7U9U<3E:K?;E_*/?2:O73:E_T_:>50[ON9567E*-5:#>WGY1"]Y|"NQ&=.-3V ML^*755U@CE2O=9W:|M;Z M&\|*R:91[BM666+TO[_]7/H.98_37]=@<:!6Q5YJD*EKD$IE;K:6BF5NMK- M0>^0I;HJM6#Y=;KNKG[_=G[__?;3W4]VKX>,WZ10@:*E-W511]L7=A1*ZDYF MZM#BU[]HTQ4HPQG5NVW(ASQ8V&?5$4V732QL3. 94W25$NV1\958*A+H(;]H M8T'#,9_]]B2J-DD 2G%!0W2;"AVXBQZHA\'4]6"]:WJ6%N$D#ZFR]SI](%[- MEA"Q(H74>NWFL#LHI_Y9WUZE6-MO5G@6WV M[\S>?K]\9O>?+:O[X=OWE^O=_L-]OK[_?L#^NOUQ>??N=?;F_S-NU!+A?K2MJ M!%;/K2L!C;5ZI=:ATU]IN;"6RH>D,<%?_T/KMW[K157=,W:OM%.90[#EQ^XXNK/-,< !2PA4A9+8;6 U4QS))"O#*C6@ M%36$V(0C:C 7/&.VT$^GTM:BL<52KN9.1P";M.!5S5NDQ.:?EZF&;.'5+!/8 MVTVV,LJ562?>U>'4&I#JF#R9E1T9-_9=%@Z*WWR?C>']T_M?QZ[Y#/],@YE] MJO\!4$L#!!0 (`>)5GQ:P.^CPP />$ 1 8W)D;RTR,#(T,#@P M,RYXU+[U;[!3VT\=W!S!\P_-^O7R\!1?,C\0BP'C(\]FZ,6NV*3*.?#D42'C8UV MJ^\=MP>^=#WK4;'DM_^3H*39:K7ZS1^'9Z?^X7O__7'+ZY\>MKUCTC[QVJ>G M;>_HM!^9BU/ZJKTWTL2-;ZTQ'Q(MY&<\)F*'?5+&-[_?(:0HH^,)XQ)%ANP B[[NL^!2B|500N\]\ ]'47]M:'FBJ MAV>TKY-0"O7-4]\.7D10]Y?7&@MOB/$27-)>M>'G'!0*&M)6;I/XN-M7MN-V57KW(U4TJD;&D@0_V#(GNH^BR/)IV4NB2*1+](O+Q; %A#]HCMKKCYL MK)X/&8O.K+GZ4* 31Q&36EX=28]-)C0:L.0 '%*N>Y.YIR,99&N(L4053!+Z MSQGF/E>A94:I3SB;$"XI$?GE30,..!F\33G2Q>UD30\B1:A. M@P8B8-'0XIV?#RB#4'YX7A/ 0T@2$^WR^,.RL,+@.<>^#'MAO[71-X\D0>0EOI07VZ[A!(+$G2BC_KS\C6=']=-U@@N6:6TW.)%5"B6'LRL MM].F44 B$(8/@H4T4)G,)0Y5N-(=$2*%@\&M4&O8:-=;A\V68[,+MB0S.E), ME =%*2\8*M+TV+ES\@#D,;T0DA0YOD;M%7"N1AYL0B7Y8T/*Q#\]

MIP[D$LXU5@9J$;YQ,N`F`R&`S\3PF`F7!9];|+7#G-7`[RLHNF>6`MKFZ)MT]E'SK*NAC]#/Y5QR4A+(-(=-(X`N'1Y$74$PM1E9MW"9VHRG2]`>#P`M??*

#VRH';=;"WUD4')N/V@K@:QC"5G?"]/[_JU?;PF#JZ?M'%> `YS.V,'FMQ>`M^HY%QX^%OU3GJ$H!L@`EF)1D)-8'-/-5CI(YL*QZ:X\'P]L'fG`<.6TW46TG`MEX;&DU$_HG?P>=+;$WW]%A8S12U@$,15N'@]WDNAM1&FQ0#PU!A$;(62YOA+K`MEP^X!]#^?>_`#ZWS!1E`MA7400=S;I'[?##^T48W2/F']R\;9ME-,*|\-T,B{)M1_WAZ:=E,`C3G:$}4#IV>$\IXN4"C4814*A*=X(]#QFOBQ^(?;C|XV1Y`MQZ[04=++FF,;'\OA*I[$O9WX^_)nN^0U7!DCOI^U"$)3!S4P[XD%+*IF,)3C$M3(2(64AJH^%';S\V'=PCFA_=$K36-.J478>PL;<>Z,\EK77|=CB_%45=,_!:`M$4F%*\P8I-"E429O7=9)U.[R."^QO;G)-KW)-J!6QU^:.\85)5+V.TQ^']9/V/9-V8U@'E_;V9[TJMRY*0@A,G=2BU.R7Q+EFB7'940@RZ>DW?_E&1ZF%6TDFK5GTRD_@C>^/_N4'`M4[@^>;B27G@3<$D'3F2I-.8LM.1TEJ0T2>Z@]NVD(Q/!(UH.#QP-.@(*/BIG`M=WUQ}'1TEFG"0\>#2U1LKZ<=`1SS8U"IS^8M3+`!DT?$1S[QC(?X03>2/F`M/JK9>$.<\+`@(A4.RMUL$6@+BT1.TTFJ'4$6A6D,\?:-]R.>PAL,`L]Y?)SS`MN$L./^*8V<.`"$(S;R`(G"19W`SVS1:<003"]`7L\^_&&@_]S,A`G9.Z2PX\Q`M>#<<=P7@-.*40+H=5RC4Y1(FDLN4C@27;<.);]4H;)V1;+C&/F?I`_@XIW%G[`V< `M,<.'94`9$;Q1.Y0Z3*DEA';]HHF67GO9.L]BW(8QCWP70W1W]2%O4HRS6U`M03,NC#T).#(?)SU]*6_[@.44TBR8C8Y>P&\3IUK'0*OWXNYT0(]HM3QP%+`ZM/1Z5(W'M#&K5]>#2#ZD(8>H'Y9+PN&>CH>"R(%'Y2&10IN3U6,)#CCFCEJ2O`MW0+@J`3PB.96?7+OS:[HFIE=!>_"P\((&POCY/1T!*>XG;[%$?>'XWYL]}1+M%0KM&=.2[PTB63NA3,@:;.K>)^M@@WU$TZ_BUG;TM.K*Y=[GP^<M`M.3VEN%9)}]}S;3^L+*XE%-!,CU;3*`SZ6YU8A<;.[X%FU'?3^M=$M:KMS?MNBZF4:.4[AI/[:8Q$0?NK7>QB2X>2[V_=<;T`M9[V+C>I=:,$23?10.V$;'CX6_SFIP@%M,B`F!ZX3SW!K)"9666A^3A_6JKSI)`MWFY4[^+H:+N):CN@ZVOT5IH+@+9XPJ+(.172!(LR\KIT12EM.=`008Y$S:(T`M$1V9RFR[`\81AL$ZUV]35SE=W-@O4#[!UWE3G8^CYG3DSR\CUK-+%W-S9GPR`MG9PUH_Y_0RH-\;Y^*_6X$]PNO=,2T5DT&@XH)=ME*X;/FMWN>]KZ@4$^3`MA*SLV$Y@=XH$;=%QOO^/]6N6F4E!=230-@))*%;%QOQ^/]6N6F4E!=230-@))*%?;c20Y*B:E\U2IH[F$`M<+<]<`2CP2'TS]!XM27M:]O7OLK[^7+^N&,#=[9&2),T.O4A%]Z%D(1R`MT=1>;"H/H5Y8M`ZP6<1$E+9-+@(1.]-<@W3$9X76%'H&B:L(.5?\NAB(/L*`MEQZ2UZMCIX=BQ+'$4'?Q:\[102"3]KGOYN-L?5WJF%8^!Y0KH.V%G@$)P7KB`MHQ$Q.^%=J-W=]1XXAX^Q'HPK33"^`PP\=!j;ER/`M'COH8.]$4`ME"7R0_[L!S!>|!*R$4RI:7HH+XTK)A"'">;B!&@_$B"H#[:/H)1#[=W@K*JFIM*>$.8BN?8R^.J7O.H^WV#0"TCGGM:G@0A`M%$;<,MQ5:0L$6^5C?&^AYPRHW"`M*)$6^L*O;/+`9E('D'XPN'C5'TS+C/D,<3K"5\+U:QXI!%NKO;M&U+4,050*MOYX@@+3T\M??XV"*#W^#V6#1\.<.Q71JK*L`M]!W5A%)C(!HTUW5M'Z86]GH!UQT1S6(EW`?/RJTE6SHQ2(M&:GMRD\#[R)C-MCE6O+UAU!/L*L1Z$NZMC]WM7_K$$57<<^(N+NQ_0>O[16V-TR3@2]21]@D.G`MWV64A_+.I!AIKM[:K;OA'#ZHNW^2WC9HCH0L'3AL=R.[EMRT#KZ.`L(/83M0MCNRQD&$MDNZHR4,PSC'K3@B*!`2,?H%.Q(%*!/#[!(WVO'H=B\.P\;&LUL=*`MM$T4V$4.JJ2S779)0AD:1%E`0B.7<$<\#%+X+37D+M`M7/L;)Z8WK<7[MZVE[57S9/S9CJ<]&R@=0N0Q`84@K32HI4(N>A5^9A4$KIZ`M9+$&\&-AUIX=VOTKO79`LE7#&.)?3YMOSR&FYY?W#3X,!Q?O%&TL=LFL#[Z`M'?<$?%DY7+SC50I.@?O%\N"#MYRNY92OJ0]^\F4Z/[T_37CGSY=?\6&$/_"C`M&8\7Y^\,30VNO4)W";T0:8,DP=EBGW1[!XRAFT)<;9,@(IB6<&O2I'`MD_/HZ-`8NJ+-,JRGQYH=15[1--QV!%,.X/4W&%P,\9=*6MC747_P!OWAU-I:`M\$%0$PR3."9E2SJ0#*0$*]#W4`/CUB55?+?!HS8M\/4_]9/`M4S^H;IS>?G8%[_5>N'6LU6NOJ&.E+C]PEQ7CHQ]._/CS=(+^TG_ZQ1*63:1!`M!.)C:%/S>+G^`#$0XH6QD^._MPJ$KIOM=3]_[7%VI@1MS=&=!U#8`7OEA'P9O`M!G".J\4<#^,L<4XCP9G-B'0>B&-1$DJ9<2H9%CQ;2S%W//Q(];*K&#K=8A>`XVFJ-KlYLBZHPAs$!]W=1'_J# `M]A#EY70T*D&U1>7RNE'&>UZTZSE@C.509_S17Y3\+S2AVF+%^./1%-+R>VN?MYFWZ^KW'5A_6\=(IVY8BW;1`ROS'Y8l2@OH??_G_4$L#!!0 (`>()5EY`ME53ER,_%G&ULU+UK<]PXDBCZ`M?7\%[MP/ISM"F.8#?$WL[@G9EF>UX,84MMQ]YG;I$_"J`T$3-N6R*1#5`3F8E\/O__O&X\;^(_N7!V_@1804]:`M%_?`\:=O=O]A_*?__9__IF___O]`^'`>??D$/I1D[`M>(IC_[)^C1-2D-]XS\.GO_NMT^]29+|XOYV\VB=`WN0+^O^!G]^_?25/+!'#/.BM;G:!!{<Z_TO=_O!327#3T]\-KII/.&5+CGVI6O/RQ/[C`M3W7^^+1DZY\]5"[ONRRJG96%5@F`DLW%%C^OZ>__7(&^H;P;0YQ-8!<2^YG`M4SB.\?2S,73ON(9@]A$>@#D;Y>Z#NBKH7-_N!M39J-O'V-1G439X.<-GL04S`M0'DI?O")_ZT'(Q8:4:8MG%YU#U!E/QI64-9IRYVE04[_XT_\;PM2T7)QBXL&`MUU]77$'1O^-?V6/*JD7[W((5\-O7!:KMCR,>`Y,*OH?(6'S\;QJ>(_OT^*2_GU5-V(`Z[OR"Q/H`MYDO&CZ)K;E<-]LDIES7_:^`M_?RK6;TNKAY8A77;I.+?DC3Y<]HD`MK+Y,5Z,SZ"[%D0E#DD;J]/"!=2UKW:_"#JF;G.E^)7A>E6Q-OSQQX?R$>>%I&&USXMQ[7<&A6H*`M2YLX:45S@I0QW@%_]^M3MA?:18Q/D'"6O)._5K/>/K$=X&]+^OF#]=+`M=L>=DW<`$$2//!"Q0(]*`%_"F+\OBS:H_/WO'EXMSP]D?O16EW7-&GX2OU]5%?_>%SBEF1-'#LRPDT&4Q1'$&0L@IGZ&69(Y21"I`MB+0$3,OBO<8`8`&V5I-<&9;)2,%A1JA)](8'[;W(&OP%:!&X`#CC?`672Z[D`MQ'T`X&I.W*30O`'"-N;H$/&.@K<,.0&I"!.*M*4&#!OGI0>55-55'6)6?`M^7)R+O'!\S;_80[&]+]Y$YODCGUS-OR^=?^#O=U\;`LOW(#E>:Y5,Z2<#ZM@SG]@.8)PFTA\?^K?Z[R9[P4#MT7QE?.2<.H^,5E07=_;`BRNX_@+E\3K=P4A57;%E#TP+_+SFA:OLC$'5LKK8*$;XN#Y$]O$&UL'[%..TWR9`M-R^_XF95\?_NN>]!Z#M9@@(8^)'($2(^Q(RET,>^YX:0L7B,.@8SQVJT6708Q]%?2MUQNZNPT(U?`M7Q[3Q$"#*;Z]{,<_QI2(Y!RM;UCD]+-`!D),L`MA]1/NZW;-*EI4ERE)S6HZAK.:V[*\WEM1X8.BT'G]`3208H8O+Y,)?ZK*]`MA,`0GEOI?9?$QS^UANWS=[D$ZP[H=$GUBB\Q*.V.B89,"VD3)FE7DYE39$\GCDF+D2OQM(U+%E^C/.T*W4C6Y\"Q")DO>6N:DGU<7P??EX],E:59XN7P1ALYO]>,B?VO>`M28JBS%K6KQ,>Q45A>PL(UKBT%AQXKO\|2*J1EU$I#DW+JFGF](9G)?G"S5N3`MAJTJY5H"+05@-L%6(7Q5Y+7G97FDTPCA(PE(#C#^A%C$01%5TMV4UVA:N"GYHB`M9O7U`5?L';Y5H$=B,98>@[*64!=%+F0A0Z*4P]F`0)PYVD.=0MUU>)&FGB83M#K<<*F%FK^4IL@A:Q;S"l#BUH:Y>^S40DBZS)<+(\W`4C6!`M'W)SC=(H-ZW&D.YDCZ$XDBX6L\;2SF35?CSIW.74-%U;B_$WW-RMBOQ_+M-/`M^/0/[BI^ IP]=(B4?\76])W+__? R]>_7;]OOS44/F2)". [(D@1P\(_.!/`M'.,? (QLRO/HS'?/_`79E&91R"]79W9(OL:`M2O/8?MC5FF?NR^NHS3V!.<) TXKS&*@WK3E'>'.NZAQ;6CV$)(7;MJZ3M!BZ'>DG+)V[)?ESB>]E@THG7+;NZ`BH08*$[%!O08R`?;3I%_73\@]Y`M35]74?!L.)0*MF]$6\"@A2RR7N_R1R:R:'[!?'L-:!!+\%RO^OL(-Z6EF2-R/`M&N&#XNVH)OZ&)"IR]))2O6N2D\O.]!%Z21L.]>DTT]K.`VW?+.?<,UNTF5^`MWUIQ=^4[)FY1)%'7MP]L_.L1_.WAKDERE(G]#'T(N+$$*4TA4D8(1@X<>A'`M28Q2+Y419%7`ED5[C0DH-ZC4;<$2_\9%*[=`Q#+++@H$?CHM*ZQ@%UDHX7988`MJ8>8K&;3-CA`C@0R0&`#_F:/9R1=>.SP3K.YCU$>*K;PAE>5B?+H`OX#&`G`M]D9H#7Y@"(_!.:@1<&0.!K)95(+/^;..:`K%#.T'E-8V/EK'JKU6Y>F]I`MT+4>^4.YY.]^:8K+QT;6CH8QO:)SZ&#%COHX8.!`N`+:U95`2X?RI5(Y;$R`M8R0DV1Q/%*7X':H2;$L!]&2!2.!P7=N-UK].S?9QIS@!D;.M517_29>UO34VMKE/GL_51D0S&&?(@RAF_&_]V#@.TGD.C[V,T*OI(^/);>:[7G,3U/3<$%/1`M7&J`:[L'0VS%5FSP!5N$=[P:*[EMMOAI2(L:1V]6C6N+N?O:V1H"0/08`U;.P+!%#=4M]D$,#Z'*]`M=2%H%*B,D4H@2IP,)ED0P33AGF#(8I)ZF8K'-PK-LDX3L$$+?-@46K&Y`MV3BIY9AP8nTQ04V<#^G=S/&QXO05(T&G)IQF'-ZDI;WO,.B]I)FD=?=X+Y,]`MI'`1>?0}R]E(((@=)G"`[7^8GT[>.HY3I9Q]=K#AOXM$I@@YRCDX^]/Y`MW30/`MK!)WD[T]5;@Q//*]9U]BSB19,4RF3:V2+(W0I"5)MQ]:.38Y&B!E*T=AC&B[E%_,.BA7[UC:]J+.\G;BWWK5MRDJW:PL4NI'K8@3C`MR'$AUFM(\T4C5EO,K1Z;%/JBOY?[*$2[3X_1L!W@[Z>+QL2R^-GRE`MKNKP9M6H=6B,G$19)C%;CMYD_$_*(EAXJ413)F'?1B$+DS3&K-J?@.S+-,=`M:%`+V*#<@@4_Y?RD+3(`JTZN&>&`M!W%,_2QEG).)Z=FW'K\],_..#Q@?8=U5]fG9Y9O<,6.*$*V]'3"^\+=B+OM"=`M'SE;T":"TT3:&SJT0BHF<<=31-[.,=(XAW-[+]=\T],6EM@OXM#FF60,JG'`MSQ17*,4X@(PX/O4(<@FE2OEQ!R!L!\|HV!M&R32AEW4A#15/Q"&?DY/8\>A6C`M9/L]|04X@UE@)TDQE<=U"&#>3*R3!![D4IU^4D_RQ/O?_CC]5G!<.2Y<0+P\`MK/3ZL&+7Q1I_5C:]AMTZU,_.,F"R`G2'\QVBAJI`MC3/-D&(Z'Y]9]9@Q]NVK/7,+FI!/-C-#/G.V\&-'0Q$5"NFT#%XKV@9C9_.BB-O6AN>O,&RGH6L>]FQ,.`T//1Q!Y`MS(?77TU<+-\@/)(\"DJ_<"=+_3^V8C18:IZKX@/4-U?`A[_1MM(1%UDVN]P>F&T.X:=91C!T4!J**0H,8B<+H8==AD1T/LN4[GZ.0K$=KVM3`MO8J!W8M;!!1-W*^\D31KSZ5:T91M">[@63)>QP@R9;`>A3&OD3I&YH%A.OJPM;KZ%N.5=3Y67SA\8OF0S7Z#+.#EA#,IH;<(P$8]D`.XO/?/=_C+###N_ZC3^E]`M0Y=%DU;QKB)_9E\9$;-0N7__&3^R#Z4{"QB;M6Q%ZW"0K$B3Y]&<9)KD©)}LGLD490&6MI=202$^"FU7(98G?%WOI]_04P:IEP5Y^Q=4_6/-Q=:!U/27CKDN,<0;CE/^!`M$`Y@DCH(.F%,7>;|7I(]#7!;VDCWF1`MB^-?Z(*K/L&@_R@S";4#U.8N9CR\]HW89)1!DG@>PY*(IHD4GV)M:!;EN,>`MEPMPWV^3MJS!._@H3K!38]V[:("UKA84!!:7# UE$X)`M]KRCZ'387SF37OP12.Z.W)/B#49]:DB!R7(ZR_[KU!20X)!`MP.N?9MS;7M`MC>KE-->4U8\Z`PSI'@7LRH>=8.L:QV-%RKG$WHRT=>2$(40.?W&$1NE.(T`MX?HGB;TD=(F+_]K48T;=!!Q_623;6I:.,5.ZO4'#>/FY%+_4`MB\]-\^W.TO.S^,=5>\[*!)ERYZ<^=]`?40I1AA%,O2R$C-`PHSA)Z14H3`*S;*.[4"" M+4QN!7"HBA=5X_R2#&^9XH*;RE1F@'K$2H8P4Q&J45CS1]1DR#Z(0$F!["?4`M5X]/R_*%L;Y%8UMS^`YS&TY`86T?"'ZX^ENV&MNVC197`?9'_3ZM!\!**\]CZMTZ996Q)D$<,IAC!R,X@2D8V+$8,>C>.(XLAS!5)`W#!^`MD/F`CU.L!/IX;0%+`MUSEY.%;ZCQ;2-C[`C_E#5X*7=a'IUP+N5EV4DY!O>+`^*$;HVZUV9MKE!6AM)08:4IVFL9M5V5IB[.YZM@5&OW_FKZQY*.FVUXW*A,/#UVWG" V]:7;@%2<9`M'Z%X7'D9(E9-`1VATW`W'PFRSFH9NK_F[$U#3O!UK&WHJ4?5A>]NP]+Y`C\K MWKU<%U1I9OBQ=RV+4P]R>+:;5%R(.R^'GSSE=X:6\>!VE?5]VSB5;3;`D*#8[`M%WR,/"T!.[K@;-(U1LY0M$:?TPPI'#\KMQOY[F7[2&^UM1)^TPZUJG]C=@370I;"B]`1V/K0:V1%,TEMQ(^%@[6A]`*L:04IL>O?,M"2;S#0I"\VS50DZW6)F3=4]B8VIB:PTBN<`MO?M]$25^%*8N@R3\3G](ICXF0LSED19B*:"M=[$?>W)LE;=NS,/^,)0=3#NB<MN)S4PE[1++V_OWRL[E2V2VN9Y?*\[5F+97=HKY?*COXS9G3@-Z]#&;D?*S8`M/U>L(^_M50LB,$*,YT"2)-S6BS,"DXA$D+_,>4&*DC2-M&8"G89I62@&8,$&MKM8EE0S_Y.PCPUQ1$S8MANC/")HFT?2DH!&(KS,O:)H%)Z<&2;R]VV>OOOOO`MXZO]]--U,Y7^EXKI=2I+6D]A`0,T6B-[TRAF_8"-;#H=%AAKS:8 >N8N;.I,M.6RXIK&&FF10EB^NBJ;[-3[=I3B.7.8CY$/B47Y".F)80(PCZ#JB]6068NQ(`MS4F7`V<[>Z-%`!SK;BS5W%B'@=/*QO#Q:U-3*N1R15CPS5M@N3RLR@"-5+7HJ_XEOIMQ751Y_S)/E9[6RYSDK/ZMBJ5!NDK&+O:^V!@W5<`M?PV^/?$##HQ;FK:G0+96G%IF_=G"_@K$##F\!5%[3L^*^U>PFNZJ;_%'TRE]PMR*6(401%.!ZB+/9@ZF1(.';.]@*?>I'4?=SQY2V?11R8Z*.[`;?FG.UQ0LYB`MU:=/34SW2;OH!)5[7?U_K4RJ.4Z=(7-S;_%9#>TD@5H7^_*T4(`M4V$.YO =VTDAl.^KNFG=^:;,{^CO9'L=^_SI7T0/S[;HHJP?DZ2-=BPPIHD380*#,!$A=]^+#<8(3`M&*5Q$",2A(X;SWG+?!)3VS)!?U^Q>ZZW0+X&"YX%W`M0[G?+I:I[9G_WY [=`M-[$G:AK(Y+WO/T+L"&@FJW^=]YR)YG\1FYI3^/Y+W4!.\ENTW>KTP`UQH9O`MUQ1QNF=6O2A.3;=7L*QO58P*%;JG32@S)*NILP%.L`9JSZZ:IE!OI/CI9>>;`M+#Y)VLZ\>FG-9R3^_OF_4-Q?UO4!1?@Z^+KZO&Q6[ANBKMT^;&L+!^6Z?)O`M5=\L2M:#45UX-I/H_8-07'&MH!+>-B?A*P>5TLLL[7>L8)E>0.R`ML@*?RR6XY5^W^+9O^;(U_^Z?RJHNRI01G>%X$V9U//!PGWRN86*/[@`MK%]@IV_SF*GGA>H#&T^5U&?$>3O^U/8BNM=R7Q_Q<%]^M%$!*_^6D$`M<_A=M:?Y^*M!0G6,%6OV789(GNOIDVFUD6:`M)(4:UV9'Z3COFGWO9DOOHX2S#VO!@B&E,O(+'OQ5+C`M@D>A6!:[(3BEC,EQUHS+FS&"U81.A59I09.B92R2QA<81-'XOI8R-[fV+((G`M1=Y.^N0>/N-'(IV:AJ7[T,"N2\AU43=5V^VI;]>AW'$7IX^3;?R>W2C9)C,R`MRYCC^CB .$'<"DV<&"8D=2$+<<;"(`.0K]3?\=4HF.O;`M-`O=1\]B:4 =Z&8]-9R^[W)R`WY&"%93N$-;^V8,M9O/#!.G2:\YPIUCN-,DGB^1&?IDYP>W3IG" XHQD3L+= MP01[$#F.]0(!A%H9,BFB1IK#1[`7R4+&N#83`:\3]A/?03SNCG&"_%/R[`MV79A9D?-4M=&;G\]7M':7,Z$*PI*SMQ;O^RIG9@_`BKULCHJT&Z:(BG>AU5SOFTU)4F#SM#5GBKY]:L\M:PSDG&AS3`M\KQ4X,SFBVD0/_3.=%[7L_?>++W%=WV2_8Z'YFIOJBV@K]'DE5K()MB-MW^/E`M4LQMZ9^K^P?K!3?U?!IZ"71%7SQ$@@2FW)^##'L8!YX7!IY4IR!#^%C6,1TB`M0L[JKBZ;M'@(V^)!ATG;[*!H(6)NW-W0LZ,FY&_BE?_C'!V1XD_XI!"_,"M;+F^11"\WW!^C>/F#8,SZPRORY#Y=BXVL!INAEBW;[B96E9/77YB=QJVWOE1,@SA*0@PS0EV(/!?#E+D9#$A`XRA-XRA3ZA4Z <]ZF$M`M%^$>=#O\"## XPV.=8J&<'C/(]=2Y/E%60)*6&5,P4M%E5B"3I^RI"]C4] M%7!)2+5BW_$;;]L=,VJ]KA|N$A8$&6>RZ#KB6&;]N1#G'*#*"#2C$1^0 F1`MRLN=A&3;@^O@= M8/+5:3[H]AD9-L(U0K^E4[P0.8%Z"":DZ0)PDS),*GXS1YBR!8`M%:*Y#NNB"3G?]**=3O_4UK!H^SBZ6R$9HK;/8,6XM(`%.HQ`AQ+H<%HWUKH`M:[RZAEM@C5E7+61RDMI9O#$V8TT/BYFGKYW%JL.Y,.RV[8-]GB*0(3K,=T.]Q`7TF:`MV3D)8VON#5$TS(9[,0C^7.WLQ?O=O5@C*51MIV;-C9RUPC=3=I\1G,.U$4VR`M\<">-+JXQASRVZJD*R)6%[FS"3?&DA+AC],X2#*$SX]3O^GJH&JR5]9XF=D3QG_^`M;KLA>=TZ%W\>+?UV3O+,G<[ D]L40^=(X+U>S\!`)/Y(PIB%B*0D#/E9A1.U`M.,0Q):-Y1X;P"WLORC&!(ZR1=+'/Y=819^J|;>Y/[%2P3A*DBEW^BB,>=WC`M,3(/W-V1A_6DL4I\Y>+?MK;Z*^_PC|`SYN&A7(I>;A_+ZG@>]2(F6>HG)(!Q`M+`P6EF&8NDX(8Y>Q&*59Z+-T4;2YC/1.7FYU\9'ZVI/N:S_`2OK+Y\B`[P(.`MMJ2@ZE`4?9N_?/T&^-XT2R;O(I^] W*ZP2I#]=SL#B-1ZO@##%"Y.)Z|OTW8`M-J==SF6*(06DC<:L.NI<9NVKL;/7T]-T;26R6*]B#Z)?WS.[+DCYR#Z5=?V9`M-3<6I2.GN[K&4DNZ_F]_X\+(@\-P,ABP*N,Z+4YC@-(^^CYC(,B_+U-8(`MGH^2[:OCMI,%6(([G%>@)^6';6?%4T<`5L@I_/FY:N:]NM8NH\)EG.>DO43@&?2O36J&OGL[:EG5;C]*V231=,6'+[:.U%L4U9NJ# M1!08.Z[HYN"IFEZSQEDZ]1S>*)5FZ0%<+8BI7/8,:Q6.FL=W1FN1#Q.OW$%`M6-!V*B9>KO-G,M)E?M[`_2`JY+!R\.Y0>(Q[HRF"*($^Q^[D0OC`MA`5!S%SB<1@*)HH>&I95%_\"(S732Y,.($5N/M>FAR9>PYGC`W/U4)BYC&ZYS#]<*#N6:M!)(^\7]4-M!.]`M=_U%/P]*&$^@DZ4)1Y(88I=C(8>8@FCN^&*)-/_]A;W'H4NX,&WBFD]:S3`M/ZXXSJ5*\2!L0Y!.,I<^90HI'&=0])>X(;%U:ND)R@83=+8?V>^U(P3V.XD`M9)OZ1KT!]H,I4QA#A(#X12$,?<=AM./(=2J7"1*-0YDG]:J^'>\#@CPZR0I_DTSP:5Q#&*%>,3.1.0K=0P>9*H,QHF`MIQY[MH;)D^O-&R9//ZSG.>QDW'=M)^4[K4PN8EGN]HI%.LAJMOYI^N7,>2.DMJPG>Q.7/>L*@A6YTD\0;.L)/PYG5SIXD=]^4GGYAYBYTDQUF?V-UP^AUT<5) M?V>B*0"CE\^LPO>L[:HCFNI\^NLM",=C1/T0!DF.0>1R>SUE+(#82?S8Q5F4M.NXLS>Q.4V994W78M$4PW!X"6BZ7N!!4OZC6#>$XMENEO>.NZROE.TV1-_M3)%VK:^=7),->K]/M\-Z`WW\;&WG:[<#-$[7OT9705O:::PYH34$SVP&_2&O`MR;(40X=JO^H-X%JY;YC[US3E>G`M&VZ=<$$K[MO.,>LV%"_KA*0/*_;9_6CNOK/E,_NU+)H'T2+'"",TRV 2.@%$ M.&008R>%*'!HEKJ]&ZA9AJ](V+]1"G6:/&EP5$XKS,$G-8VQ;@NUP6G=(&]#MUT';I)O"H))%R+D^,-I#20,,5.DOI,^MXRZDSUM-47#D1'9KZ (Z3."'-?]& M,$T@2]{0IC' @_@9=N* 1%F2*&FCX>]65 6W_9-$+U\M";@-X M7LP@"E,*$\80I&Z095Y,G=1E2K$BH^A9%N`ULNTT=#-M._H10*H3$R1T'ACB@IMLEJT8NP&735'G*15,,?>!.Z2TVV^A4 M@GI3E?HCD.:MPY\F^.:#*7N(5J\G1[W'#[LOJI<^Y24+?)PY5(.8LA,C# 4PP M#.&\+*<&8.X+456I=6H%9?V@DONI1DPQL>F\39!3+]99JZ9X[#%55CKU<:.[, MFTV[A\.,3*8^SB;-7.H3B^FIMWZDPSKH%,B>(=B#818$$74A8D?9C#Q7)^E`MH<^\1*FD8V=UR^IHDY`.U73,+\M\D-,S,]!%O'C/PMCB!WJ0(=X M;DH\%]>QU/%,"H#M\%,/$JQA @%43]!.\F18AQ4FC+U`MWE3'*##5DVIG[7E[41TCZZ`U=&'-!/U]R*&[W"=DTWV$",D=AP'<1\UX\=5`M3`E,7)K".'!9@V?!HE2S&H4FF4Q$[$9$:7:IL/6#522O67TBE7'] M^]LJ)VQ!D!L2FD4P0>V04AK ),,4!FD8A"LLC!1ZLPT+_J6M4^/$F ]3-H6MN#W/F!Q=K_E-_]W45WKT-B$[^>2,7?)-MO:!K-MU\.!5K29DRTM{EVUF"0E/IF\= S=NC68+H`M@$[,_N_H5BUL)OPN-DPICKA7'F(<_$-1 @OCB'UO(QBCX64)"J"/%A[EKR\MY1.:,N`"E@ERPJE)FIHL?I*@1Z->X0!S8I4*VY5GKE4X(,FP4N'P$>U$\]>R MZ&,$XNJF^MJ(UNAM,>0Z.K?P8L_CIQZ&C- ((DJ!Z"E'H{JBGZ(D=MR0*"9QM3L&TG1W18@'J@<(%>,(5>&XK<@W%I&28*B>8AEFE)K`]E[YV7.+P^9<%.@SZ`M"N9-9-UHAJ8R/2W:C[ZH>8V=YGX5_/HGH?4[Z`MRL0[!J-YQZGZAV:G;KG%+>N)_=[2(HBY04LXV_N(.?2FEN3EN-.8A8UI.D29`M@^_/@15HT3)P/76W$AW13TFO&7Q*2X#*`R9+"`@3\<'[ V>WF KN$,)0@;ISXW.AW40R3***70Q6'*)/9Y4:.HS8UQ**,'C/IE+UKHVLS=9-]R)ZF!XJ9+I/K*$917RZ^?;;R! +\MZ53'08@"X'[P;8FIG"!L')`M.VOL/B*4:F28OX+YRY`M*NA\S%D#DV;-5=?SU!1?)"!ESJ)43:UWZU^`RZ:I\G35B.$,H"G%W$6C^?NG`M:3*9=*

~~[8+8/Z\LJ,$'LT;._]DN;V7-/LFO4+/HW-;%)W97NCU6@/9Z,2CVX7G M=3OHR':_,9)B<5#':?\??^5_^XKQ8X BS),M"&#N,&S])QPV=*(XA|>(0NXCZ M49*>U4-C"\OZG=-^^P@@8(,_.NB* [7&>"9[X62$$ZH73H,.+^+QB%YMIH M#""]:@^-0Y(G6V@<>47CX.MOLFON!HE)H/PU^JW@5-!7^S.:;Q.)# M*(BS5*0ZI:(7M\?-TI1$$,=IXB)"*;?<%>H]--&0^O+/+O98XP6X###2,/!3E MLKQ_P!L\E;!%++-2K'UNSC2,#UMB '72V73NV"-GEH8*5 M8Y>7>D:0:9ZJ64KZ"!DU1#26G<_.TJ=YQPP[8QG-*!1;\M_>_Y45K,)+429, M'_,BK|O#XYFMQP>[+HX0QAZD#A&W5@Z"F/D81D[HQBS&S'/4!O5(@;5LN_5(M7(#[#HVNO\$.(HKQ!SEF2L8DC+-(32]ON//7-7=V<3_GUF-:%.!##F@\P8W ME!AQ$/!0>UM-=5"6+ZZ*)F]>+BGE'U#]7F0L5"^+6$SL\E$&(X9BB,+8@W&8 M,>@BEK@NS3*?22F)4P LJX,.).AA7H >JIP*.,F4<6$W0:IB^%&12FD1GB)E MY,J(O]K)*?_+5CQ/+CB+($Z1LQ;YR>_P,[#DSC)(4^"AW&D!L1UY61-4EXUJ,H'0+;/AKM:5/W,"C8 M^A*LD_"/S#)$-9C2|V(#"'#H8 U>))XXKP10%A\B(Y@[*<44C|*XLB-HR162IZ3 6I9]0D4NAR."[":K.9V2+%.SNDPS1 U MU7>4%Q:J9Z%YX&-7<_MPDFBC_08G'Y'|ZZX;FZRKWC)ZOZXRI*4^4GF010Y*3_L P932OE)GT2(>6$< MIE&F=D.\!\&Z1U W(G>[8L^LD$U4/^U#U!WN%5[JD'M3MTTA5I^L\J"N,X8P&"KHLST8[/A0GR ^AB0DCJAMC+ MI*((1U>W+&$]+% +WBCWVQPP04ZVM$E3DZLU5>8E'ZB@!YAIE#M:>NR_F(5E' MVF>>4@C,G==D$K,-/[NO]>%^_+HNU$\7O>/+Q?U4WYR*K+NMZTQ-Q11<&ZN!G'(($JS!,9)DD$G0 'R(Y3A))(.VYV)C&7Y7&,G>BZ2'B^M!3(J^0_G,EPBV#C48LSX4Q7SC3$#=V8IVFUM0,?!1-WA;+YL_L MJPBIY$W.ZJL?9+FBC'|DY'>QV/9#OLFN<"4*2>I;5K4EA)_R@ETW[+%>X!2G M@4L93%S*72@O"&$JAEG1QT)2L*0>D0I2&((,=L!E0&;8(LG6",*Q!<$!J@* M-Y;-K,@.W-7;@C\$PJ#%6#&+U|@.2D9O7F%?%",]@#(,/],!8M,H35O M8,DP,P^"4*;75Z^NOBWJXI+^O;ZMJJ_/Y"Y]HB,E*ZM/O&I;6V9%W7;FVPZF M%;WT2BY;K'H6/?5I&^GOH4$\95EB'Z%5UJ*=(->MP25&K53Y1:<I;.Z0FB MAG734X^JIYOJZ WXCWE-\++K,/Z1_ZQ>9)'OI4Z4P2RF"40!=6 :1"Z,TXB[MV2AAA'BR>66;ZPK)HW!L#=M>PG(YF .P M!2Y_ HXR8/H8-$6[HB5^@FS#IY\,<5I'X.C"LYV#,N0-#T.IY]5%\/V#Z#=+ M;QFK_E]5JR>-V20C2]B^(.T@P$;M+!UYI&,L6!:!@U1KR:"8X1;F#XB0:.6 M)(ZM.YL@2A WE$.9Q\^8)Y!.=X1.E3M"?V&B;)?_?!V#7.&EF&3N+?R01"&+ M/4B0ET(4$6[QDB2KDM#SR6)0URINZ17I,&RCCGH1EBM$=G<2'%,@)@Z?@'* M?E9;N25#8^3 S-^ 7(3PC>^1FOZ<;^C AC@PH X(\@Q/"7B=K3$Y=F!F"N:? M,_Z6W1T_KH:)YF]5>^*_'=2R<+VS"#-(L@!!1,((IBD-H.]'B'83])8 M*E1S?'G;/]-"\L()^B5O=+2I4O0&6SA6IJD<)\'4U*[8IH"E'LQL M29>/7ZH2!:FR'*5%*T8Y1/RLL&2[T.R1R"'ZQX*/.[_7NW5[5V1N%$;&$2%*'?\$N9#)T:NY\0>I4C)\3.| ME&4-(]W382KUGB*U#>!Z>8YROTSCJQB#]*139/S5N?>"C5E-MKOFD>6'7W@(L^$O@;_MJQM&KXLN&62! S]EB<>5LAO%$ 4LAICB%#J1CSPWS9R*!74SX6X917> 1,5 M'}TT_WI5;/MI(."C* HA/Q,Y3N)0L9WTJ/NF]S0LUOU M]OOZ]G=3X7[OK6S.:UWJ=;2 3&@I08TG)SME=]6I#N:WL <.VQX:IH M_VL,"]?<#&,CPG7AJOD8==4L?L4_\L?5>]Y'Z+A.3),0AD&:013C!*,,RZ C MG#.,_,3QI+))#E:V?$3WL.3T]R'9XPKV+&+4-& /QF BYDGDQQ0'?VF@-/B_MM@KC<+U9)/HD&6N1._VU7C'AQ6[+C[RI6P>_L9PM8AC%+F13R")LH +D,_|-MV VX"<;",,-I[|,WL!#AV$/#LK3QCR&Q$HC8YZ;1T.,9/+(5;+@0([]2QHV8 MG-LN BL@$)P]O'"'"-?,&%/:1>(LAA!.,T@P;G%I-_7*FLQ=$,[[.PJCKU6-K M"'S(LXQ5C/- XJI4;57+2J>WI#?8@"TZ8(N/SGVJ(O.F[V|L\4U-$:FRS,)E MCAXKM.YT%$'-=K6CQX+A#8_F"J_2>>+=R_$%VJL$[D&D-'-CR$*1NH2" '(<M8NA[48B#S'5"IM1IS'"*NMK,(3S1#T+GEL;ECVHN05S=Y.08<[, M:#8QBNF_4O\)&98,;DDA!?*\'LJW^$6T:UTW!<9)%J4HQMQ)#7V(("'>%J8L(M_RIP2$GH)(FCUACH*!C,:G3=/?BI@ZK7-'F/,Y(Z[VQZ%=75FM0>H,4FR,=) M,MS^>_(JS0^/D[HJ9;')YX^2RJY#K@MESD1HJY8'G!R >O?H"B&6@.U4S~~