0001213900-24-06835410-Q Peraso Inc. 20240813202408131700251700251700025 0 0001213900-24-068354 10-Q 76 20240630 20240813 20240813 Peraso Inc. 0000890394 3674 770291941 DE 1231 10-Q 34 000-32929 241202683 2309 BERING DRIVE SAN JOSE CA 95131 408 418 7500 2309 BERING DRIVE SAN JOSE CA 95131 MoSys, Inc. 20060530 MONOLITHIC SYSTEM TECHNOLOGY INC 19960613 10-Q 1 ea0210943-10q_peraso.htm QUARTERLY REPORT Â Â UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549 Â FORMÂ 10-Q Â (Mark one) â˜' QUARTERLY REPORT PURSUANT TO SECTIONÂ 13 OR 15(d)Â OF THE SECURITIES EXCHANGE ACT OF 1934 Â For the quarterly period ended June 30, 2024 Â OR Â â˜ TRANSITION REPORT PURSUANT TO SECTIONÂ 13 OR 15(d)Â OF THE SECURITIES EXCHANGE ACT OF 1934 Â For the transition period from Â Â Â Â Â Â Â Â Â Â Â Â toÂ Â Â Â Â Â Â Â Â Â Â Â Â Commission file number 000-32929 Â PERASO INC. (Exact name of registrant as specified in its charter) Â Delaware Â 77-0291941 (State or other jurisdiction of Â (I.R.S. Employer Incorporation or organization) Â Identification Number) Â 2309 Bering Drive San Jose, California 95131 (Address of principal executive office and zip code) Â (408) 418-7500 (Registrantâ€™s telephone number, including area code) Â Securities registered pursuant to SectionÂ 12(b) of the Act: Â Title of each class Â Trading symbol(s) Â Name of each exchange on which registeredÂ Common Stock, par value $0.001 per share Â PRSO Â The Nasdaq Stock Market, LLC Â Indicate by check mark whether the Registrant (1)Â has filed all reports required to be filed by SectionÂ 13 or 15(d)Â of the Securities Exchange Act of 1934 during the preceding 12Â months (or for such shorter period that the registrant was required to file such reports), and (2)Â has been subject to filing requirements for the past 90Â days. YesÂ â˜' NOÂ â˜ Â Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to RuleÂ 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). YesÂ 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 definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting companyâ€ and â€œemerging growth companyâ€ in RuleÂ 12b-2 of the Exchange Act: Â Large accelerated filerÂ â˜ Accelerated filerÂ â˜ Non-accelerated filerÂ â˜' Â Smaller reporting companyÂ â˜' Emerging growth companyÂ â˜ Â Â Â Â If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. â˜ Â Indicate by check mark whether the registrant is a shell company (as defined in RuleÂ 12b-2 of the Exchange Act). YesÂ â˜ NoÂ â˜' Â The number of outstanding shares of the registrantâ€™s exchangeable shares, no par value, was 87,185 as of August 9, 2024. Â The number of outstanding shares of the registrantâ€™s common stock, par value $0.001 per share, was 2,745,684 as of August 9, 2024. Â Â Â Â Â Â PERASOÂ INC. Â FORMÂ 10-Q Â For the Quarterly Period Ended June 30, 2024 Â TABLE OF CONTENTS Â PARTÂ I â€" FINANCIAL INFORMATION 1 Â Â Â Item 1. Financial Statements (Unaudited): 1 Â Â Â Â Condensed Consolidated Balance Sheets as of June 30, 2024 and DecemberÂ 31, 2023 1 Â Â Â Â Condensed Consolidated Statements of Operations and Comprehensive Loss for the three and six monthsÂ ended June 30, 2024 and 2023 2 Â Â Â Â Condensed Consolidated Statements of Stockholdersâ€™ Equity for the three and six months ended June 30, 2024 and 2023 3 Â Â Â Â Condensed Consolidated Statements of Cash Flows for the six months ended June 30, 2024 and 2023 4 Â Â Â Â Notes to Condensed Consolidated Financial Statements 5 Â Â Â Item 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations 26 Â Â Â Item 4. Controls and Procedures 33 Â Â Â PARTÂ II â€" OTHER INFORMATION 34 Â Â Â Item 1. Legal Proceedings 34 Â Â Â Item 1A. Risk Factors 34 Â Â Â Item 2. Unregistered Sales of Equity Securities and Use of Proceeds 36 Â Â Â Item 5. Other Information 36 Â Â Â Item 6. Exhibits 37 Â Â Â Â Signatures 38 Â i Â Â PARTÂ Iâ€"FINANCIAL INFORMATION Â Item 1. Financial Statements Â PERASOÂ INC. CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands, except par value) Â Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Â Â (unaudited)Â Â Â Â ASSETSÂ Â Â Â Â Â Current assetsÂ Â Â Â Â Â Cash and cash equivalentsÂ $1,868Â Â $1,583Â Accounts receivable, netÂ Â 1,460Â Â Â 731Â Inventories, netÂ Â 2,606Â Â Â 2,606Â Prepaid expenses and otherÂ Â 810Â Â Â 620Â Total current assetsÂ Â 6,744Â Â Â 5,540Â Â Â Â Â Â Â Â Property and equipment, netÂ Â 807Â Â Â 1,156Â Right-of-use lease assetsÂ Â 441Â Â Â 615Â Intangible assets, netÂ Â 1,647Â Â Â 3,280Â OtherÂ Â 120Â Â Â 123Â Total assetsÂ $9,759Â Â $10,714Â LIABILITIES AND STOCKHOLDERSâ€™ EQUITYÂ Â Â Â Â Â Current liabilitiesÂ Â Â Â Â Â Accounts payableÂ $2,318Â Â $2,448Â Accrued expenses and otherÂ Â 2,213Â Â Â 611Â Deferred revenueÂ Â 797Â Â Â 1,105Â Short-term lease liabilitiesÂ Â 272Â Â Â 370Â Total current liabilitiesÂ Â 5,600Â Â Â 4,534Â Â Â Â Â Â Â Â Long-term lease liabilitiesÂ Â 235Â Â Â 349Â Other long-term liabilitiesÂ Â 261Â Â Â â€"Â Warrant liabilitiesÂ Â 103Â Â Â 1,748Â Total liabilitiesÂ Â 6,199Â Â Â 6,631Â Commitments and contingencies (Note 5)Â Â Â Â Â Â Stockholdersâ€™ equityÂ Â Â Â Â Â Preferred stock, $0.01 par value; 20,000 shares authorized; none issued and outstandingÂ Â â€"Â Â Â â€"Â Series A, special voting preferred stock, $0.01 par value; one share authorized; and one share issued and outstanding at June 30, 2024 and December 31, 2023Â Â â€"Â Â Â â€"Â Common stock, $0.001 par value; 120,000 shares authorized; 2,706 shares and 673 shares issued and outstanding at June 30, 2024 and December 31, 2023, respectivelyÂ Â 3Â Â Â 1Â Exchangeable shares, no par value; unlimited shares authorized; 87 shares and 95 shares outstanding at June 30, 2024 and December 31, 2023, respectivelyÂ Â â€"Â Â Â â€"Â Additional paid-in capitalÂ Â 176,405Â Â Â 170,474Â Accumulated deficitÂ Â (172,848)Â Â (166,392) Total stockholdersâ€™ equityÂ Â 3,560Â Â Â 4,083Â Total liabilities and stockholdersâ€™ equityÂ $9,759Â Â $10,714Â Â The accompanying notes are an integral part of these condensed consolidated financial statements. Â 1 Â Â PERASO INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS (Unaudited) (In thousands, except per share data) Â Â Â Three Months EndedÂ Six Months EndedÂ Â Â JuneÂ 30,Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Net revenueÂ Â Â Â Â Â Â Â Â Â Â Â ProductÂ $4,109Â Â $2,235Â Â $6,785Â Â $7,123Â Royalty and otherÂ Â 129Â Â Â 168Â Â Â 269Â Â Â 313Â Total net revenueÂ Â 4,238Â Â Â 2,403Â Â Â 7,054Â Â Â 7,436Â Cost of net revenueÂ Â 1,887Â Â Â 1,795Â Â Â 3,397Â Â Â 4,901Â Gross profitÂ Â 2,351Â Â Â 608Â Â Â 3,657Â Â Â 2,535Â Operating expensesÂ Â Â Â Â Â Â Â Â Â Â Â Research and developmentÂ Â 2,644Â Â Â 3,668Â Â Â 5,457Â Â Â 7,555Â Selling, general and administrativeÂ Â 2,141Â Â Â 1,977Â Â Â 4,243Â Â Â 4,219Â Severance and software license obligationsÂ Â 2,041Â Â Â â€"Â Â Â 2,063Â Â Â â€"Â Gain on license and asset saleÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (406) Total operating expensesÂ Â 6,826Â Â Â 5,645Â Â Â 11,763Â Â Â 11,368Â Loss from operationsÂ Â (4,475)Â Â (5,037)Â Â (8,106)Â Â (8,833) Change in fair value of warrant liabilitiesÂ Â 54Â Â Â 966Â Â Â 1,645Â Â Â 1,624Â Other income (expense), netÂ Â (4)Â Â (15)Â Â 5Â Â Â (25) Net lossÂ $(4,425)Â $(4,086)Â $(6,456)Â $(7,234) Â Â Â Â Â Â Â Â Â Â Â Â Â Other comprehensive loss, net of tax:Â Â Â Â Â Â Â Â Â Â Â Â Net unrealized gain on available-for-sale-securitiesÂ Â â€"Â Â Â 7Â Â Â â€"Â Â Â 21Â Comprehensive lossÂ $(4,425)Â $(4,079)Â $(6,456)Â $(7,213) Â Â Â Â Â Â Â Â Â Â Â Â Â Net loss per shareÂ Â Â Â Â Â Â Â Â Â Â Â Basic and dilutedÂ $(1.88)Â $(6.68)Â $(2.75)Â $(12.26) Â Â Â Â Â Â Â Â Â Â Â Â Â Shares used in computing net loss per shareÂ Â Â Â Â Â Â Â Â Â Â Â Basic and dilutedÂ Â 2,358Â Â Â 612Â Â Â 2,345Â Â Â 590Â Â Note: Share and per share amounts for the three and six months ended June 30, 2023 have been adjusted to reflect the impact of a 1-for-40 reverse stock split effected in January 2024, as discussed in Note 1. Â The accompanying notes are an integral part of these condensed consolidated financial statements. Â 2 Â Â PERASOÂ INC. CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERSâ€™ EQUITY (Unaudited) (In thousands) Â Â Â Series AÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â AccumulatedÂ Â Â Â Â Â Â Â Â Special VotingÂ Â Â Â Â Â Â Â ExchangeableÂ Â AdditionalÂ Â OtherÂ Â Â Â Â Â Â Â Â PreferredÂ StockÂ CommonÂ StockÂ SharesÂ Â Paid-InÂ Â ComprehensiveÂ Â AccumulatedÂ Â Â Â Â Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â CapitalÂ Â LossÂ Â DeficitÂ Â TotalÂ Balance as of December 31, 2023Â Â Â Â Â Â Â â€"Â $Â Â Â Â Â Â Â â€"Â Â Â 673Â Â $Â Â Â Â Â Â Â 1Â Â Â 95Â Â $Â Â Â Â Â Â â€"Â Â $170,474Â Â $Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â â€"Â Â $(166,392)Â $4,083Â Shares issued for reverse stock splitÂ Â â€"Â Â Â â€"Â Â Â 52Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Sale of common stock and warrantsÂ Â â€"Â Â Â â€"Â Â Â 563Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 3,431Â Â Â â€"Â Â Â â€"Â Â Â 3,431Â Issuance of common stock upon exercise of warrantsÂ Â â€"Â Â Â â€"Â Â Â 1,001Â Â Â 1Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 1Â Stock-based compensationÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 1,222Â Â Â â€"Â Â Â â€"Â Â Â 1,222Â Net lossÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (2,031)Â Â (2,031) Balance as of March 31, 2024Â Â â€"Â Â Â â€"Â Â Â 2,289Â Â Â 2Â Â Â 95Â Â Â â€"Â Â Â 175,127Â Â Â â€"Â Â Â (168,423)Â Â 6,706Â Issuance of common stock upon exercise of warrantsÂ Â â€"Â Â Â â€"Â Â Â 307Â Â Â 1Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 1Â Sale of common stockÂ Â â€"Â Â Â â€"Â Â Â 100Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 127Â Â Â â€"Â Â Â â€"Â Â Â 127Â Exchange of exchangeable sharesÂ Â â€"Â Â Â â€"Â Â Â 8Â Â Â â€"Â Â Â (8)Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Issuance of common stock under stock plan, netÂ Â â€"Â Â Â â€"Â Â Â 2Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (4)Â Â â€"Â Â Â â€"Â Â Â (4) Stock-based compensationÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 1,155Â Â Â â€"Â Â Â â€"Â Â Â 1,155Â Net lossÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (4,425)Â Â (4,425) Balance as of June 30, 2024Â Â â€"Â Â $â€"Â Â Â 2,706Â Â $3Â Â Â 87Â Â $â€"Â Â $176,405Â Â $â€"Â Â $(172,848)Â $3,560Â Â Â Â Series AÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â AccumulatedÂ Â Â Â Â Â Â Â Â Special VotingÂ Â Â Â Â Â Â Â ExchangeableÂ Â AdditionalÂ Â OtherÂ Â Â Â Â Â Â Â Â PreferredÂ StockÂ CommonÂ StockÂ SharesÂ Â Paid-InÂ Â ComprehensiveÂ Â AccumulatedÂ Â Â Â Â Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â SharesÂ Â AmountÂ Â CapitalÂ Â LossÂ Â DeficitÂ Â TotalÂ Balance as of December 31, 2022Â Â Â Â Â Â Â â€"Â $Â Â Â Â Â Â Â â€"Â Â Â 357Â Â $Â Â Â Â Â Â Â â€"Â Â Â 228Â Â $Â Â Â Â Â Â Â â€"Â Â $164,879Â Â $Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â (25)Â $(149,597)Â $15,257Â Exchange of exchangeable sharesÂ Â â€"Â Â Â â€"Â Â Â 8Â Â Â â€"Â Â Â (8)Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Stock-based compensationÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 1,307Â Â Â â€"Â Â Â â€"Â Â Â 1,307Â Unrealized gain on available-for-sale securitiesÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 14Â Â Â â€"Â Â Â 14Â Net lossÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (3,148)Â Â (3,148) Balance as of March 31, 2023Â Â â€"Â Â $â€"Â Â Â 365Â Â $â€"Â Â Â 220Â Â $â€"Â Â $166,186Â Â $(11)Â $(152,745)Â $13,430Â Exchange of exchangeable sharesÂ Â â€"Â Â Â â€"Â Â Â 77Â Â Â â€"Â Â Â (77)Â Â â€"Â Â Â (3)Â Â â€"Â Â Â â€"Â Â Â (3) Issuance of common stock under stock plan, netÂ Â â€"Â Â Â â€"Â Â Â 4Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (36)Â Â â€"Â Â Â â€"Â Â Â (36) Sale of common stock and warrantsÂ Â â€"Â Â Â â€"Â Â Â 56Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 3,546Â Â Â â€"Â Â Â â€"Â Â Â 3,546Â Issuance of common stock upon exercise of warrantsÂ Â â€"Â Â Â â€"Â Â Â 53Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 19Â Â Â â€"Â Â Â â€"Â Â Â 19Â Initial recognition of fair value of warrant liabilityÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (3,162)Â Â â€"Â Â Â â€"Â Â Â (3,162) Stock-based compensationÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 1,319Â Â Â â€"Â Â Â â€"Â Â Â 1,319Â Unrealized gain on available-for-sale securitiesÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â 7Â Â Â â€"Â Â Â 7Â Net lossÂ Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â â€"Â Â Â (4,086)Â Â (4,086) Balance as of June 30, 2023Â Â â€"Â Â $â€"Â Â Â 555Â Â $â€"Â Â Â 143Â Â $â€"Â Â $167,869Â Â $(4)Â $(156,831)Â $11,034Â Â Note: Share and per share amounts for the three and six months ended June 30, 2023 have been adjusted to reflect the impact of a 1-for-40 reverse stock split effected in January 2024, as discussed in Note 1. Â The accompanying notes are an integral part of these condensed consolidated financial statements. Â 3 Â Â PERASOÂ INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited) (In thousands) Â Â Â Six Months EndedÂ Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Cash flows from operating activities:Â Â Â Â Â Â Net lossÂ $(6,456)Â $(7,234) Adjustments to reconcile net loss to net cash used in operating activities:Â Â Â Â Â Â Depreciation and amortizationÂ Â 1,983Â Â Â 1,713Â Stock-based compensationÂ Â 2,377Â Â Â 2,626Â Change in fair value of warrant liabilitiesÂ Â (1,645)Â Â (1,624) Allowance for bad debtÂ Â â€"Â Â Â (154) OtherÂ Â (7)Â Â (7) Changes in assets and liabilitiesÂ Â Â Â Â Â Accounts receivableÂ Â (729)Â Â 1,900Â InventoriesÂ Â â€"Â Â Â 189Â Prepaid expenses and other assetsÂ Â (187)Â Â 485Â Accounts payableÂ Â (130)Â Â (702) Right-of-use assetsÂ Â 174Â Â Â 332Â Lease liabilities - operatingÂ Â (144)Â Â (285) Deferred revenue and other liabilitiesÂ Â 1,555Â Â Â (813) Net cash used in operating activitiesÂ Â (3,209)Â Â (3,574) Cash flows from investing activities:Â Â Â Â Â Â Purchases of property and equipmentÂ Â â€"Â Â Â (91) Proceeds from maturities of marketable securitiesÂ Â â€"Â Â Â 500Â Net cash provided by investing activitiesÂ Â â€"Â Â Â 409Â Cash flows from financing activities:Â Â Â Â Â Â Proceeds from sale of common stock and warrants, netÂ Â 3,559Â Â Â 3,570Â Taxes paid to net share settle equity awardsÂ Â (4)Â Â (36) Repayment of financing leasesÂ Â (61)Â Â (51) Net cash provided by financing activitiesÂ Â 3,494Â Â Â 3,483Â Net increase in cash and cash equivalentsÂ Â 285Â Â Â 318Â Cash and cash equivalents at beginning of periodÂ Â 1,583Â Â Â 1,828Â Cash and cash equivalents at end of periodÂ $1,868Â Â $2,146Â Â Â Â Â Â Â Â Supplemental disclosure:Â Â Â Â Â Â Noncash investing and financing activities:Â Â Â Â Â Â Initial recognition of warrant liabilityÂ $â€"Â Â $3,162Â Unrealized gain on available-for-sale securitiesÂ $â€"Â Â $21Â Â The accompanying notes are an integral part of these condensed consolidated financial statements. Â 4 Â Â Â PERASOÂ INC. NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Unaudited) Â NoteÂ 1. The Company and Summary of Significant Accounting Policies Â Peraso Inc., formerly known as MoSys, Inc. (the Company), was incorporated in California in 1991 and reincorporated in 2000 in Delaware. The Company is a fabless semiconductor company specializing in the development of millimeter wave (mmWave), which is generally described as the frequency band from 24 Gigahertz (GHz) to 300GHz, wireless technology. The Company derives revenue from selling its semiconductor devices and modules and performance of non-recurring engineering services. The Company also manufactures and sells high-performance memory semiconductor devices for a wide range of markets and receives royalties from licensees of its memory technology. Â On September 14, 2021, the Company and its subsidiaries, 2864552 Ontario Inc. (Callco) and 2864555 Ontario Inc. (Canco), entered into an Arrangement Agreement (the Arrangement Agreement) with Peraso Technologies Inc. (Peraso Tech), a corporation existing under the laws of the province of Ontario, to acquire all of the issued and outstanding common shares of Peraso Tech (the Peraso Shares), including those Peraso Shares to be issued in connection with the conversion or exchange of secured convertible debentures and common share purchase warrants of Peraso Tech, as applicable, by way of a statutory plan of arrangement (the Arrangement) under the Business Corporations Act (Ontario). On December 17, 2021, following the satisfaction of the closing conditions set forth in the Arrangement Agreement, the Arrangement was completed and, the Company changed its name to â€œPeraso Inc.â€ and began trading on the Nasdaq Stock Market (the Nasdaq) under the symbol â€œPRSO.â€ Â For accounting purposes, Peraso Tech, the legal subsidiary, was treated as the accounting acquirer and the Company, the legal parent, was treated as the accounting acquiree. The transaction was accounted for as a reverse acquisition in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 805, Business Combinations. Â The accompanying condensed consolidated financial statements of the Company have been prepared without audit. The condensed consolidated balance sheet as of December 31, 2023 has been derived from the audited consolidated financial statements at that date. Certain information and disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States (GAAP) have been condensed or omitted in accordance with the rulesÂ and regulations of the Securities and Exchange Commission (SEC). The information in this report should be read in conjunction with the Companyâ€™s consolidated financial statements and notes thereto included in its most recent annual report on FormÂ 10-K filed with the SEC. Â In the opinion of management, the accompanying unaudited condensed consolidated financial statements reflect all adjustments (consisting only of normal recurring adjustments) necessary to summarize fairly the Companyâ€™s financial position, results of operations and cash flows for the interim periods presented. The operating results for the three and six months ended June 30, 2024 are not necessarily indicative of the results that may be expected for the year ending December 31, 2024 or for any other future period. Â Liquidity and Going Concern Â The Company incurred net losses of approximately $6.5 million for the six months ended June 30, 2024 and $16.8 million for the year ended December 31, 2023 and had an accumulated deficit of approximately $173 million as of June 30, 2024. These and prior year losses have resulted in significant negative cash flows and have required the Company to raise substantial amounts of additional capital. To date, the Company has primarily financed its operations through multiple offerings of its equity and equity-linked securities and the issuance of convertible notes and loans to investors and affiliates. As disclosed in Note 8, in February 2024, the Company completed a public offering of its common stock and common stock purchase warrants for net proceeds of $3.4 million.Â 5 Â Â The Company expects to continue to incur operating losses for the foreseeable future as it secures additional customers and continues to invest in the commercialization of its products. The Company will need to increase revenues substantially beyond levels that it has attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time. As a result of the Companyâ€™s expected operating losses and cash burn for the foreseeable future, as well as recurring losses from operations, if the Company is unable to raise sufficient capital through additional debt or equity arrangements, there will be uncertainty regarding the Companyâ€™s ability to maintain liquidity sufficient to operate its business effectively, which raises substantial doubt as to the Companyâ€™s ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements. In addition, the Companyâ€™s independent registered public accounting firm, in its report on the Companyâ€™s consolidated financial statements for the year ended December 31, 2023, expressed substantial doubt about the Companyâ€™s ability to continue as a going concern. These condensed consolidated financial statements do not include any adjustments that might result from this uncertainty. There can be no assurance that such additional capital, whether in the form of debt or equity financing, will be sufficient or available and, if available, that such capital will be offered on terms and conditions acceptable to the Company. If the Company is unsuccessful in these efforts, it will need to implement additional cost reduction strategies, which could further affect its near- and long-term business plan. These efforts may include, but are not limited to, reducing headcount and curtailing business activities. Â Basis of Presentation Â The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany transactions and balances have been eliminated in consolidation. The Companyâ€™s fiscal year ends on December 31 of each calendar year. Certain prior year amounts have been reclassified for consistency with the current period presentation. These reclassifications had no effect on the reported results of operations or cash flows. Â Reverse Stock Split Â On December 15, 2023, the Company filed a certificate of amendment to its amended and restated certificate of incorporation with the Secretary of State of the State of Delaware to effect a 1-for-40 reverse stock split of the Companyâ€™s shares of common stock. Further, on January 2, 2024, Canco filed a certificate of amendment to its amended and restated certificate of incorporation under the Ontario Business Corporations Act to effect a 1-for-40 reverse stock split of the outstanding exchangeable shares. Such amendments and ratio were previously approved by the Companyâ€™s stockholders and board of directors. Â As a result of the reverse stock split, which was effective for trading purposes on January 3, 2024, every 40 shares of the Companyâ€™s pre-reverse split outstanding common stock and exchangeable shares were combined and reclassified into one share of common stock. Proportionate voting rights and other rights of holders of common stock and exchangeable shares were not affected by the reverse stock split. Any fractional shares of common stock and exchangeable shares resulting from the reverse stock split were rounded up to the nearest whole share. All stock options and restricted stock units outstanding and common stock reserved for issuance under the Companyâ€™s equity incentive plans and warrants outstanding immediately prior to the reverse stock split were adjusted by dividing the number of affected shares of common stock by 40 and, as applicable, multiplying the exercise price by 40, as a result of the reverse stock split. All share and per-share amounts in these condensed consolidated financial statements have been restated to reflect the reverse stock split as if it had occurred at the beginning of the earliest period presented. Â Risks and Uncertainties Â The Company is subject to risks from, among other things, competition associated with the industry in general, other risks associated with financing, liquidity requirements, rapidly changing customer requirements, limited operating history, pandemics, wars and acts of terrorism and the volatility of public markets. The Company may be unable to access the capital markets, and additional capital may only be available to the Company on terms that could be significantly detrimental to its existing stockholders and to its business.Â Â 6 Â Â Use of Estimates Â The preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses recognized during the reported period. Material estimates may include assumptions made in determining reserves for uncollectible receivables, inventory write-downs, impairment of long-term assets, valuation allowance on deferred tax assets, accruals for potential liabilities and assumptions made in valuing equity instruments and warrant liabilities. Actual results could differ from those estimates. Â Cash Equivalents and Investments Â The Company invests its cash in money market accounts, certificates of deposit, corporate debt, government-sponsored enterprise bonds and municipal bonds and considers all highly liquid debt instruments purchased with an original maturity of three months or less to be cash equivalents. Investments with original maturities greater than three months and remaining maturities less than one year are classified as short-term investments. Investments with remaining maturities greater than one year are classified as long-term investments. Management generally determines the appropriate classification of securities at the time of purchase. All securities are classified as available-for-sale. The Companyâ€™s available-for-sale short-term and long-term investments are carried at fair value, with the unrealized holding gains and losses reported in accumulated other comprehensive income (loss). Realized gains and losses and declines in the value judged to be other-than-temporary are included in the other income, net line item in the condensed consolidated statements of operations. The cost of securities sold is based on the specific identification method. Â Fair Value Measurements Â The Company measures the fair value of financial instruments using a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels: Â Level 1â€"Inputs used to measure fair value are unadjusted quoted prices that are available in active markets for the identical assets or liabilities as of the reporting date. Â Â Level 2â€"Pricing is provided by third party sources of market information obtained through the Companyâ€™s investment advisors, rather than models. The Company does not adjust for, or apply, any additional assumptions or estimates to the pricing information it receives from advisors. The Companyâ€™s LevelÂ 2 securities include cash equivalents and available-for-sale securities, which consisted primarily of certificates of deposit, corporate debt, and government agency and municipal debt securities from issuers with high-quality credit ratings. The Companyâ€™s investment advisors obtain pricing data from independent sources, such as StandardÂ & Poorâ€™s, Bloomberg and Interactive Data Corporation, and rely on comparable pricing of other securities because the LevelÂ 2 securities are not actively traded and have fewer observable transactions. The Company considers this the most reliable information available for the valuation of the securities. Â Level 3â€"Unobservable inputs that are supported by little or no market activity and reflect the use of significant management judgment are used to measure fair value. These values are generally determined using pricing models for which the assumptions utilize managementâ€™s estimates of market participant assumptions. The determination of fair value for LevelÂ 3 investments and other financial instruments involves the most management judgment and subjectivity. Â The carrying amounts of financial assets and liabilities, such as cash and cash equivalents, accounts receivable, accounts payable, and other payables, approximate their fair values because of the short maturity of these instruments. The carrying values of lease obligations and long-term financing obligations approximate their fair values because interest rates on these obligations are based on prevailing market interest rates. The Company measures the fair value of its warrant liabilities using Level 3 inputs.Â 7 Â Â Derivatives and Liability-Classified Instruments Â The Company accounts for common stock warrants as either equity-classified or liability-classified instruments based on an assessment of the specific terms of the warrants and the guidance provided by the Financial Accounting Standards Board (FASB) in ASC 480, Distinguishing Liabilities from Equity (ASC 480) and ASC 815, Derivatives and Hedging (ASC 815). The assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Companyâ€™s own stock and whether the holders of the warrants could potentially require net cash settlement in a circumstance outside of the Companyâ€™s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period end date while the warrants are outstanding. Â Allowance for Doubtful Accounts Â The Company establishes an allowance for doubtful accounts to ensure that its trade receivables balances are not overstated due to uncollectibility. The Company performs ongoing customer credit evaluations within the context of the industry in which it operates and generally does not require collateral from its customers. A specific allowance of up to 100% of the invoice value is provided for any problematic customer balances. Delinquent account balances are written off after management has determined that the likelihood of collection is remote. The Company grants credit only to customers deemed creditworthy in the judgment of management. The allowance for doubtful accounts receivable was approximately $30,000 as of June 30, 2024 and December 31, 2023. Â Inventories Â The Company values its inventories at the lower of cost, which approximates actual cost on a first-in, first-out basis, or net realizable value. Costs of inventories primarily consisted of material and third party assembly costs. The Company records write-downs for estimated obsolescence or unmarketable inventories based upon assumptions about future demand and market conditions. If actual market conditions are less favorable than those expected by management, additional adjustments to inventory valuation may be required. Charges for obsolete and slow-moving inventories are recorded based upon an analysis of specific identification of obsolete inventory items and quantification of slow moving inventory items. The Company determined that it had excess and obsolete inventory, primarily related to its mmWave products, and recorded write-downs of inventory of approximately $629,000 during the six months ended June 30, 2023. No material write-downs of inventory were recorded during the six months ended June 30, 2024. If the Companyâ€™s recognition of excess or obsolete inventory is, or if its estimates of potential utility become, less favorable than currently expected, additional inventory write-downs may be required. During the three and six months ended June 30, 2024, the Company sold inventory with a value of approximately $81,000 that had been written down in 2023. Â Intangible and Long-lived Assets Â Intangible assets are recorded at cost and amortized on a straight-line method over their estimated useful lives of three to ten years. Amortization of developed technology and other intangibles directly related to the Companyâ€™s products is included in cost of net revenue, while amortization of customer relationships and other intangibles not associated with the Companyâ€™s products is included in selling, general and administrative expense in the condensed consolidated statements of operations. Â The Company regularly reviews the carrying value and estimated lives of its long-lived assets and finite-lived intangible assets to determine whether indicators of impairment may exist which warrant adjustments to carrying values or estimated useful lives. The determinants used for this evaluation include managementâ€™s estimate of the assetâ€™s ability to generate positive income from operations and positive cash flow in future periods as well as the strategic significance of the assets to the Companyâ€™s business objective. Should an impairment exist, the impairment loss would be measured based on the excess of the carrying amount of the long-lived asset group over the assetâ€™s fair value.Â 8 Â Â Purchased Intangible Assets Â Intangible assets acquired in business combinations are accounted for based on the fair value of assets purchased and are amortized over the period in which economic benefit is estimated to be received. Intangible assets subject to amortization, including those acquired in business combinations were as follows (amounts in thousands): Â Â Â June 30, 2024Â Â Â GrossÂ Â Â Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(4,599)Â $1,127Â Customer relationshipsÂ Â 2,556Â Â Â (2,052)Â Â 504Â OtherÂ Â 186Â Â Â (170)Â Â 16Â TotalÂ $8,468Â Â $(6,821)Â $1,647Â Â Â Â December 31, 2023Â Â Â GrossÂ Â Â Â Â Â Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â OtherÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â ImpairmentÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(3,471)Â $â€"Â Â $2,255Â Customer relationshipsÂ Â 2,556Â Â Â (1,550)Â Â â€"Â Â Â 1,006Â OtherÂ Â 186Â Â Â (61)Â Â (106)Â Â 19Â TotalÂ $8,468Â Â $(5,082)Â $(106)Â $3,280Â Â Developed technology primarily consisted of MoSysâ€™ products that have reached technological feasibility and primarily relate to its memory semiconductor products and technology. The value of the developed technology was determined by discounting estimated net future cash flows of these products. Amortization related to developed technology of $0.6 million and $1.1 million for each of the three and six-month periods ended June 30, 2024, respectively, has been included in cost of net revenue in the condensed consolidated statements of operations and comprehensive loss. Â Customer relationships relate to the Companyâ€™s ability to sell existing and future versions of its products to MoSysâ€™ customers existing at the time of the arrangement. The fair value of the customer relationships was determined by discounting estimated net future cash flows from the customer relationships. Amortization related to customer relationships of $0.2 million and $0.5 million for each of the three and six month-periods ended June 30, 2024, respectively, has been included in selling, general and administrative expense in the condensed consolidated statements of operations and comprehensive loss. Â Other amortization expense was approximately $1,000 and $2,000 for each of the three and six-month periods ended June 30, 2024, respectively. Â At June 30, 2024, the Company has not identified any intangible asset impairments. However, current macroeconomic conditions, which have been impacted by inflation and other world unrest, could negatively impact the Companyâ€™s business and stock price and trigger the need to test for impairment. The Company will continue to evaluate for impairment indicators, as necessary, on a quarterly basis.Â Â Revenue Recognition Â The Company recognizes revenue in accordance with ASC Topic 606, Revenue from Contracts with Customers, and its amendments (ASC 606). As described below, the analysis of contracts under ASC 606 supports the recognition of revenue at a point in time, resulting in revenue recognition timing that is materially consistent with the Companyâ€™s historical practice of recognizing product revenue when title and risk of loss pass to the customer.Â 9 Â Â The Company generates revenue primarily from sales of integrated circuits and antenna module products, performance of engineering services and licensing of its intellectual property. Revenues are recognized when control is transferred to customers in amounts that reflect the consideration the Company expects to be entitled to receive in exchange for those goods. Revenue recognition is evaluated through the following five steps: (i) identification of the contract, or contracts, with a customer; (ii) identification of the performance obligations in the contract; (iii) determination of the transaction price; (iv) allocation of the transaction price to the performance obligations in the contract; and (v) recognition of revenue when or as a performance obligation is satisfied. Â Product revenue Â Revenue is recognized when performance obligations under the terms of a contract with a customer are satisfied. The majority of the Companyâ€™s contracts have a single performance obligation to transfer products. Accordingly, the Company recognizes revenue when title and risk of loss have been transferred to the customer, generally at the time of shipment of products. Revenue is measured as the amount of consideration the Company expects to receive in exchange for transferring products and is generally based upon a negotiated, formula, list or fixed price. The Company sells its products both directly to customers and through distributors generally under agreements with payment terms typically 60 days or less. Â The Company may record an estimated allowance, at the time of shipment, for future returns and other charges against revenue consistent with the terms of sale. Â Royalty and other Â The Companyâ€™s licensing contracts typically provide for royalties based on the licenseeâ€™s use of the Companyâ€™s memory technology in its currently shipping commercial products. The Company estimates its royalty revenue in the calendar quarter in which the licensee uses the licensed technology. Payments are received in the subsequent quarter. The Company also generates revenue from licensing its technology. The Company recognizes license fees as revenue at the point of time when the control of the license has been transferred and the Company has no continuing performance obligations to the customer. Â Engineering services revenue Â Engineering and development contracts with customers generally contain a single performance obligation that is delivered over time. Revenue is recognized using an output method that is consistent with the satisfaction of the performance obligation as a measure of progress. Â Contract liabilities â€" deferred revenue Â The Companyâ€™s contract liabilities consist of advance customer payments and deferred revenue. The Company classifies advance customer payments and deferred revenue as current or non-current based on the timing of when the Company expects to recognize revenue. As of June 30, 2024 and December 31, 2023, contract liabilities were in a current position and included in deferred revenue. Â During the six months ended June 30, 2024, the Company recognized approximately $513,000 of revenue that had been included in deferred revenue as of December 31, 2023. Â See Note 6 for disaggregation of revenue by geography. Â The Company does not have significant financing components, as payments from customers are typically due within 60 days of invoicing, and the Company has elected the practical expedient to not value financing components that are less than one year. Shipping and handling costs are generally incurred by the customer, and, therefore, are not recorded as revenue.Â 10 Â Â Cost of Net Revenue Â Cost of net revenue consists primarily of direct and indirect costs of product sales, including amortization of intangible assets and depreciation of production-related fixed assets. Â Stock-Based Compensation Â The Company periodically issues stock options and restricted stock units to employees and non-employees. The Company accounts for such awards based on ASC 505 and ASC 718, whereby the value of the award is measured on the date of award and recognized as compensation expense on a straight-line basis over the vesting period. The fair value of the Companyâ€™s stock options is estimated using the Black-Scholes-Merton Option Pricing (Black Scholes) model, which uses certain assumptions related to risk-free interest rates, expected volatility, expected life of the options, and future dividends. Compensation expense is recorded based upon the value derived from the Black-Scholes model. The assumptions used in the Black-Scholes model could materially affect compensation expense recorded in future periods. Â Foreign Currency Transactions Â The functional currency of the Company is the U.S. dollar. All foreign currency transactions are initially measured and recorded in an entityâ€™s functional currency using the exchange rate on the date of the transaction. All monetary assets and liabilities are remeasured at the end of each reporting period using the exchange rate at that date. All non-monetary assets and related expense, depreciation or amortization are not subsequently remeasured and are measured using the historical exchange rate. An average exchange rate may be used to recognize income and expense items earned or incurred evenly over a period. Foreign exchange gains and losses resulting from the settlement of such transactions are recognized in the statement of operations, except for the gains and losses arising from the conversion of the carrying amount of the foreign currency denominated convertible preferred shares into the functional currency that are presented as adjustment to the net loss to arrive at net loss attributable to common stockholders. Â Per-Share Amounts Â Basic net loss per share is computed by dividing net loss for the period by the weighted-average number of exchangeable shares and shares of common stock outstanding (WASO) during the period. In addition, the Company includes the number of shares of common stock issuable upon exercise of pre-funded warrants as outstanding. Diluted net loss per share gives effect to all potentially dilutive exchangeable and common shares outstanding during the period. Potentially dilutive common shares consist of incremental exchangeable shares and shares of common stock issuable upon the achievement of escrow terms, exercise of stock options, vesting of stock awards and exercise of warrants. Â Â Prior to June 30, 2023, the Company excluded shares of common stock issuable upon exercise of pre-funded warrants from the computation of WASO. The pre-funded warrant shares are now included in the computation of WASO. Prior period amounts have been conformed to the current-period presentation. The impact of the change reduced the previously reported loss per share by $0.04, and increased WASO by approximately 4,000 shares for the three months ended June 30, 2023. The impact of the change reduced the previously reported loss per share by $0.63, and increased WASO by approximately 29,000 shares for the six months ended June 30, 2023, respectively. The reclassification had no impact on the Companyâ€™s net loss or cash flows for the three and six months ended June 30, 2023.Â 11 Â Â The following table sets forth securities outstanding that were excluded from the computation of diluted net loss per share as their inclusion would be anti-dilutive (in thousands): Â Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Escrow shares - exchangeable sharesÂ Â 33Â Â Â 33Â Escrow shares - common stockÂ Â 13Â Â Â 13Â Options to purchase common stockÂ Â 34Â Â Â 37Â Unvested restricted common stock unitsÂ Â 10Â Â Â 24Â Warrants classified as equityÂ Â 8,094Â Â Â â€"Â Warrants classified as liabilitiesÂ Â 235Â Â Â 237Â TotalÂ Â 8,419Â Â Â 344Â Â Recently Issued Accounting Pronouncements Â In November 2023, the FASB issued ASU No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. ASU No. 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and it requires retrospective application to all prior periods presented in the financial statements. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements. Â In December 2023, the FASB issued ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, which expands disclosures in an entityâ€™s income tax rate reconciliation table and disclosures regarding cash taxes paid both in the U.S. and foreign jurisdictions. The update will be effective for annual periods beginning after December 15, 2024. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements. Â Other recent authoritative guidance issued by the FASB (including technical corrections to the ASCs), the American Institute of Certified Public Accountants, and the Securities and Exchange Commission (the SEC) did not, or is not expected to, have a material impact on the Companyâ€™s consolidated financial statements and related disclosures.Â Â NoteÂ 2. Fair Value of Financial Instruments Â The following tables represent the Companyâ€™s assets and liabilities measured at fair value on a recurring basis and the basis for that measurement (in thousands): Â Â Â JuneÂ 30, 2024Â Â Â Fair ValueÂ Â Level 1Â Â Level 2Â Â Level 3Â Assets:Â Â Â Â Â Â Â Â Â Â Â Â Money market funds (1)Â $1Â Â $â€"Â Â $â€"Â Â $â€"Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Liabilities:Â Â Â Â Â Â Â Â Â Â Â Â Â Warrant liabilitiesÂ $103Â Â $â€"Â Â $â€"Â Â $103Â Â Â Â DecemberÂ 31, 2023Â Â Â Fair ValueÂ Â Level 1Â Â Level 2Â Â Level 3Â Assets:Â Â Â Â Â Â Â Â Â Â Â Â Money market funds (1)Â $1Â Â $â€"Â Â $â€"Â Â $â€"Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Liabilities:Â Â Â Â Â Â Â Â Â Â Â Â Â Warrant liabilitiesÂ $1,748Â Â $â€"Â Â $â€"Â Â $1,748Â Â (1) Amounts are included in cash and cash equivalents on the condensed consolidated balance sheets. Â 12 Â Â The following tables represent the Companyâ€™s determination of fair value for its financial assets (cash equivalents) (in thousands): Â Â Â JuneÂ 30, 2024Â Â Â Â Â Â UnrealizedÂ Â UnrealizedÂ Â FairÂ Â Â CostÂ Â GainsÂ Â LossesÂ Â ValueÂ Cash and cash equivalentsÂ $1,868Â Â $â€"Â Â $â€"Â Â $1,868Â Â Â Â DecemberÂ 31, 2023Â Â Â Â Â Â UnrealizedÂ Â UnrealizedÂ Â FairÂ Â Â CostÂ Â GainsÂ Â LossesÂ Â ValueÂ Cash and cash equivalentsÂ $1,583Â Â $â€"Â Â $â€"Â Â $1,583Â Â Note 3. Balance Sheet Detail Â Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Â Â (in thousands)Â Inventories:Â Â Â Â Â Â Raw materialsÂ $192Â Â $209Â Work-in-processÂ Â 1,380Â Â Â 1,517Â Finished goodsÂ Â 1,034Â Â Â 880Â Â Â $2,606Â Â $2,606Â Â Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Â Â (in thousands)Â Accrued Expenses and Other:Â Â Â Â Â Â Accrued wages and employee benefitsÂ $444Â Â $405Â Professional fees, legal and consultingÂ Â 179Â Â Â 158Â Software license obligations (see Note 4)Â Â 1,015Â Â Â â€"Â Severance benefits (see Note 4)Â Â 419Â Â Â â€"Â Warranty accrualÂ Â 28Â Â Â 37Â OtherÂ Â 128Â Â Â 11Â Â Â $2,213Â Â $611Â Â NoteÂ 4. Severance and Software License Obligations Â On November 7, 2023, the Company implemented an employee lay-off and terminated certain consulting positions (the â€œReductionsâ€) to reduce operating expenses and cash burn, as the Company prioritized business activities and projects that it believes will have a higher return on investment. As part of the Reductions, the Company implemented a temporary lay-off that impacted 16 employees (the â€œEmployeesâ€) of Peraso Tech. The employment of one Employee was terminated during the three months ended March 31, 2024. During the three months ended June 30, 2024, the Company determined that it would not recall any of the 10 Employees that remained on the Companyâ€™s payroll and commenced notifying the remaining Employees that their employment would be terminated. As a result of the terminations, the Company recorded severance charges of approximately $424,000 and $446,000 for the three and six months ended June 30, 2024, respectively, and recorded a liability for severance costs of $419,000 at June 30, 2024. The severance costs are expected to be paid over the next 13 months.Â 13 Â Â As a result of the decision to not recall the Employees, the Company determined that it was probable that a number of its non-cancelable licenses for computer-aided design software would not be utilized during the remaining license terms. During the three months ended June 30, 2024, the Company expensed the value of the remaining contractual liabilities and certain prepaid amounts totaling approximately $1,617,000 and recorded liabilities totaling approximately $1,533,000, which are expected to be paid through September 30, 2025. As of June 30, 2024, the current portion of the remaining contractual liabilities of $257,000 and $1,015,000 are included in accounts payable and accrued expenses and other, respectively (see Note 3), and the non-current portion of $261,000 is included in other long-term liabilities. Â NoteÂ 5. Commitments and Contingencies Â Leases Â The Company has operating leases for its corporate headquarters facility in San Jose, California and facilities in Toronto and Markham, Ontario, Canada and recognizes lease expense on a straight-line basis over the respective lease terms. Â In November 2023, the Company renewed the San Jose facility lease for a one-year term, which commenced January 15, 2024 (the Renewal Term), and, effective with the commencement of the Renewal Term, the Company ceased accounting for the lease under ASC 842. In December 2023, the Company renewed the Toronto office lease for a reduced amount of square footage for a one-year term, which commenced January 1, 2024. In May 2022, the Company entered into a lease for the facility in Markham with a 60-month term, which commenced June 21, 2022. The Markham landlord also provided a lease incentive of approximately $286,200 (the Incentive). In 2023, the Company received payment of $143,100 from the Markham landlord of the first installment of the Incentive. The remaining balance of the Incentive is paid to the Company in the form of an adjustment to rent during the last three months of each year during the remaining lease term. During 2023, a credit of $35,775 was made against the rent during the three months ended December 31, 2023. As of June 30, 2024, the pending Incentive to be received was $107,325. Â Upon the renewal of the Toronto lease in December 2023, the Company recognized a right-of-use asset of approximately $137,700. The discount rate used to measure the lease assets and liabilities for the renewal was 8%. Â The initial right-of-use asset and corresponding liability of approximately $1.0 million for the Markham facility lease were measured at the present value of the future minimum lease payments. The discount rate used to measure the lease assets and liabilities was 8%. Â On March 1, 2022, the Company entered into a 36-month finance lease agreement for the lease of equipment resulting in the recognition of a right-of-use asset and lease liability of approximately $274,000. Â On November 1, 2022, the Company entered into a 36-month finance lease agreement for the lease of equipment resulting in the recognition of a right-of-use asset of approximately $124,000 and lease liability of approximately $117,000.Â 14 Â Â The following table provides the details of right-of-use assets and lease liabilities as of June 30, 2024 (in thousands): Â Right-of-use assets:Â Â Â Operating leasesÂ $316Â Finance leasesÂ Â 125Â Total right-of-use assetsÂ $441Â Lease liabilities:Â Â Â Â Operating leasesÂ $381Â Finance leasesÂ Â 126Â Total lease liabilitiesÂ $507Â Â Â Future minimum payments under the leases at June 30, 2024 are listed in the table below (in thousands): Â Year ending December 31,Â Â 2024Â $190Â 2025Â Â 163Â 2026Â Â 106Â 2027Â Â 99Â Total future lease paymentsÂ Â 558Â Less: imputed interestÂ Â (51) Present value of lease liabilitiesÂ $507Â Â The following table provides the details of supplemental cash flow information (in thousands): Â Â Â Six Months Ended June 30,Â Â Â 2024Â Â 2023Â Cash paid for amounts included in the measurement of lease liabilities:Â Â Â Â Â Â Operating cash flows for leasesÂ $211Â Â $403Â Â Rent expense was approximately $0.2 million for each of the three-month periods ended June 30, 2024 and 2023. Rent expense was approximately $0.3 million and $0.4 million for the six-month periods ended June 30, 2024 and 2023, respectively. In addition to the minimum lease payments, the Company is responsible for property taxes, insurance and certain other operating costs related to the leased facilities and equipment. Â Indemnification Â In the ordinary course of business, the Company enters into contractual arrangements under which it may agree to indemnify the counterparties from any losses incurred relating to breach of representations and warranties, failure to perform certain covenants, or claims and losses arising from certain events as outlined within the particular contract, which may include, for example, losses arising from litigation or claims relating to past performance. Such indemnification clauses may not be subject to maximum loss clauses. The Company has also entered into indemnification agreements with its officers and directors. No material amounts were reflected in the Companyâ€™s condensed consolidated financial statements for the three and six months ended June 30, 2024 and 2023 related to these indemnifications. Â The Company has not estimated the maximum potential amount of indemnification liability under these agreements due to the limited history of prior claims and the unique facts and circumstances applicable to each particular agreement. To date, the Company has not made any payments related to these indemnification agreements.Â Â 15 Â Â Product Warranties Â The Company warrants certain of its products to be free of defects generally for a period of three years. The Company estimates its warranty costs based on historical warranty claim experience and includes such costs in cost of net revenues. Warranty costs were not material for the three and six months ended June 30, 2024 and 2023. Â Legal Matters Â The Company is not a party to any legal proceeding that the Company believes is likely to have a material adverse effect on its condensed consolidated financial position or results of operations. From time to time the Company may be subject to legal proceedings and claims in the ordinary course of business. These claims, even if not meritorious, could result in the expenditure of significant financial resources and diversion of management efforts. Â Purchase Obligations Â The Companyâ€™s primary purchase obligations include non-cancelable purchase orders for inventory. At June 30, 2024, the Company had outstanding non-cancelable purchase orders for inventory, primarily wafers and substrates, and related expenditures of approximately $2.9 million. As disclosed in Note 4, as of June 30, 2024, the Company recorded liabilities of approximately $1.6 million for non-cancelable license commitments for computer-aided design software. Â NoteÂ 6. Business Segments, Concentration of Credit Risk and Significant Customers Â The Company determined its reporting units in accordance with ASC 280, Segment Reporting (ASC 280). Management evaluates a reporting unit by first identifying its operating segments under ASC 280. The Company then evaluates each operating segment to determine if it includes one or more components that constitute a business. If there are components within an operating segment that meet the definition of a business, the Company evaluates those components to determine if they must be aggregated into one or more reporting units. If applicable, when determining if it is appropriate to aggregate different operating segments, the Company determines if the segments are economically similar and, if so, the operating segments are aggregated. Â Management has determined that the Company has one consolidated operating segment. The Companyâ€™s reporting segment reflects the manner in which its chief operating decision maker reviews results and allocates resources. The Companyâ€™s reporting segment meets the definition of an operating segment and does not include the aggregation of multiple operating segments. Â The Company recognized revenue from shipments of product, licensing of its technologies and performance of services to customers by geographical location as follows (in thousands): Â Â Â Three Months EndedÂ Â Six Months EndedÂ Â Â JuneÂ 30,Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â United StatesÂ $3,308Â Â $1,421Â Â $5,539Â Â $4,510Â Hong KongÂ Â 234Â Â Â 147Â Â Â 446Â Â Â 293Â TaiwanÂ Â 71Â Â Â 562Â Â Â 161Â Â Â 1,991Â Rest of worldÂ Â 625Â Â Â 273Â Â Â 908Â Â Â 642Â Total net revenueÂ $4,238Â Â $2,403Â Â $7,054Â Â $7,436Â Â 16 Â Â The following is a breakdown of product revenue by category (in thousands): Â Â Â Three months Ended June 30,Â Â Six Months Ended JuneÂ 30,Â Product categoryÂ 2024Â Â 2023Â Â 2024Â Â 2023Â Memory ICsÂ $3,428Â Â $1,616Â Â $5,811Â Â $3,831Â mmWave ICsÂ Â 127Â Â Â 559Â Â Â 204Â Â Â 2,004Â mmWave modulesÂ Â 553Â Â Â 60Â Â Â 757Â Â Â 1,284Â mmWave other productsÂ Â 1Â Â Â â€"Â Â Â 13Â Â Â 4Â Â Â $4,109Â Â $2,235Â Â $6,785Â Â $7,123Â Â The following table lists significant customers that represented more than 10% of the Companyâ€™s total revenue during each respective period: Â Â Â Three Months Ended June 30,Â Â Six Months Ended June 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Customer AÂ Â 55%Â Â *Â Â Â 53%Â Â 10% Customer BÂ Â 24%Â Â 46%Â Â 23%Â Â 27% Customer CÂ Â 12%Â Â *Â Â Â *Â Â Â * Customer DÂ Â *Â Â Â 23%Â Â *Â Â Â 26% Customer EÂ Â *Â Â Â *Â Â Â *Â Â Â 15% Â Â The following table lists significant customers that represented more than 10% of the Companyâ€™s net accounts receivable balance at each respective balance sheet date: Â Â Â Accounts ReceivableÂ Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Customer AÂ Â 24%Â Â 36% Customer BÂ Â 33%Â Â 33% Customer CÂ Â 33%Â Â *Â Customer DÂ Â *Â Â Â 14% Â The following table lists significant vendors that represented more than 10% of the Companyâ€™s total accounts payable balance at each respective balance sheet date: Â Â Â Accounts PayableÂ Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Vendor AÂ Â 33%Â Â 47% Vendor BÂ Â 12%Â Â 12% Â * Represents less than 10% Â Note 7. Stock-Based Compensation Â Common Stock Equity Plans Â In 2010, the Company adopted the 2010 Equity Incentive Plan and later amended it in 2014, 2017 and 2018 (the Amended 2010 Plan). The Amended 2010 Plan was terminated in August 2019 and remains in effect as to outstanding equity awards granted prior to the date of expiration. No new awards may be made under the Amended 2010 Plan.Â 17 Â Â In August 2019, the Companyâ€™s stockholders approved the 2019 Stock Incentive Plan (the 2019 Plan) to replace the Amended 2010 Plan. The 2019 Plan authorizes the board of directors or the compensation committee of the board of directors to grant a broad range of awards including stock options, stock appreciation rights, restricted stock, performance-based awards, and restricted stock units. Under the 2019 Plan, 4,563 shares were initially reserved for issuance. In November 2021, in connection with the approval of the Arrangement, the Companyâ€™s stockholders approved an amendment increasing the number of shares reserved for issuance under the 2019 Plan by 77,674 shares. Â Under the 2019 Plan, the term of all incentive stock options granted to a person who, at the time of grant, owns stock representing more than 10% of the voting power of all classes of the Companyâ€™s stock may not exceed five years. The exercise price of stock options granted under the 2019 Plan must be at least equal to the fair market value of the shares on the date of grant. Generally, awards under the 2019 Plan will vest over a three to four-year period, and options will have a term of 10 years from the date of grant. In addition, the 2019 Plan provides for automatic acceleration of vesting for options granted to non-employee directors upon a change of control of the Company. Â In connection with the Arrangement, the Company assumed the Peraso Technologies Inc. 2009 Share Option Plan (the 2009 Plan) and all outstanding options granted pursuant to the terms of the 2009 Plan. Each outstanding, unexercised and unexpired option under the 2009 Plan, whether vested or unvested, was assumed by the Company and converted into options to purchase shares of the Companyâ€™s common stock. No further awards will be made under the 2009 Plan.Â Â Â The 2009 Plan, the Amended 2010 Plan and the 2019 Plan are referred to collectively as the â€œPlans.â€ Â Stock-Based Compensation Expense Â The Company reflected compensation costs of $2.0 million and $2.1 million related to the vesting of stock options during each of the six-month periods ended June 30, 2024 and 2023, respectively. At June 30, 2024, the unamortized compensation cost was approximately $1.2 million related to stock options and is expected to be recognized as expense over a weighted average period of approximately 0.6 years. The Company reflected compensation costs of $0.4 million and $0.5 million related to the vesting of restricted stock units during each of the six-month periods ended June 30, 2024 and 2023, respectively. The unamortized compensation cost at June 30, 2024 was $0.5 million related to restricted stock units and is expected to be recognized as expense over a weighted average period of approximately 0.7 years. There were no stock options granted or exercised during the six months ended June 30, 2024 and 2023.Â Â Common Stock Options and Restricted Stock Â The term of all incentive stock options granted to a person who, at the time of grant, owns stock representing more than 10% of the voting power of all classes of the Companyâ€™s stock may not exceed five years. The exercise price of stock options granted under the 2019 Plan must be at least equal to the fair market value of the shares on the date of grant. Generally, options granted under the 2019 Plan will vest over a three to four-year period and have a term of 10 years from the date of grant. In addition, the 2019 Plan provides for automatic acceleration of vesting for options granted to non-employee directors upon a change of control (as defined in the 2019 Plan) of the Company.Â 18 Â Â The following table summarizes the activity in the shares available for grant under the Plans during the three and six months ended June 30, 2024 and options outstanding as of June 30, 2024 (in thousands, except exercise price): Â Â Â Â Â Â Options OutstandingÂ Â Â Â Â Â Â Â Â WeightedÂ Â Â SharesÂ Â Â Â AverageÂ Â Â AvailableÂ Â Number ofÂ Â ExerciseÂ Â Â for GrantÂ Â SharesÂ Â PricesÂ Balance as of December 31, 2023Â Â 39Â Â Â 36Â Â $127.00Â RSUs grantedÂ Â (2)Â Â â€"Â Â Â â€"Â RSUs cancelled and returned to the 2019 PlanÂ Â 2Â Â Â â€"Â Â Â â€"Â Options cancelledÂ Â â€"Â Â Â (1)Â $147.64Â Balance as of March 31, 2024Â Â 39Â Â Â 35Â Â $126.70Â RSUs grantedÂ Â â€"Â Â Â â€"Â Â Â â€"Â RSUs cancelled and returned to the 2019 PlanÂ Â 3Â Â Â â€"Â Â Â â€"Â Options cancelledÂ Â â€"Â Â Â (1)Â $150.19Â Balance as of June 30, 2024Â Â 42Â Â Â 34Â Â $125.99Â Â A summary of RSU activity under the Plans is presented below (in thousands, except for fair value): Â Â Â Â Â Â WeightedÂ Â Â Â Â Â AverageÂ Â Â Number ofÂ Â Grant-DateÂ Â Â SharesÂ Â Fair ValueÂ Non-vested shares as of December 31, 2023Â Â 15Â Â $69.63Â GrantedÂ Â 2Â Â $1.55Â CancelledÂ Â (2)Â $53.54Â Non-vested shares as of March 31, 2024Â Â 15Â Â $62.04Â VestedÂ Â (5)Â $1.48Â Non-vested shares as of June 30, 2024Â Â 10Â Â $52.73Â Â The following table summarizes significant ranges of outstanding and exercisable options as of June 30, 2024 (in thousands, except contractual life and exercise price): Â Â Â Options OutstandingÂ Â Options ExercisableÂ Â Â Â Â Â WeightedÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â AverageÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â RemainingÂ Â WeightedÂ Â Â Â Â WeightedÂ Â Â Â Â Â Â Â Â ContractualÂ Â AverageÂ Â Â Â Â AverageÂ Â AggregateÂ Â Â

NumberÂ Â LifeÂ Â ExerciseÂ Â NumberÂ Â ExerciseÂ Â IntrinsicÂ Range of Exercise PriceÂ OutstandingÂ Â (in Years)Â Â PriceÂ Â ExercisableÂ Â PriceÂ Â valueÂ $0.00 - $62.80Â Â 2Â Â Â 5.39Â Â $62.80Â Â Â Â Â Â Â Â Â Â Â 2Â Â $62.80Â Â $Â Â Â Â Â â€”Â $62.81 - $599.60Â Â Â Â Â Â Â Â Â 32Â Â Â 6.24Â Â $108.13Â Â Â 28Â Â $107.91Â Â $â€”Â $0.00 - $599.60Â Â 34Â Â Â 6.18Â Â $125.99Â Â Â 30Â Â $128.17Â Â $â€”Â Â Note 8. Equity Â Exchangeable Shares and Preferred Stock Â As discussed in Note 1, on December 17, 2021, following the satisfaction of the closing conditions set forth in the Arrangement Agreement, the Arrangement was completed. Pursuant to the completion of the Arrangement, each Peraso Share that was issued and outstanding immediately prior to December 17, 2021 was converted into either newly issued shares of common stock of the Company or shares of Canco, which are exchangeable for shares of the Companyâ€™s common stock (Exchangeable Shares), at the election of each former Peraso Tech stockholder. Of the shares issued to the holders of Peraso Tech Shares, pursuant to the terms of the Agreement, the Company held in escrow an aggregate of 32,822 Exchangeable Shares and 12,564 shares of common stock (collectively, the Escrow Shares). The Escrow Shares are escrowed pursuant to the terms of an escrow agreement on a pro rata basis from the aggregate consideration received by the holders of Peraso Shares, subject to the offset by the Company for any losses in accordance with the Agreement. Such Escrow Shares shall be released, subject to any offset claim, upon the satisfaction of the earlier of: (a) any date following the first anniversary of December 17, 2021 and prior to December 17, 2024 where the volume weighted average price of the common stock for any 20 trading days within a period of 30 consecutive trading days is at least $342.80 per share, subject to adjustment for stock splits or other similar transactions; (b) the date of any sale of all or substantially all of the assets or shares of the Company; or (c) the date of any bankruptcy, insolvency, restructuring, receivership, administration, wind-up, liquidation, dissolution, or similar event involving the Company. All and any voting rights and other stockholder rights, other than with respect to dividends and distributions, with respect to the Escrow Shares are suspended until the Escrow Shares are released from escrow.Â 19 Â Â The Exchangeable Share structure is commonly used for cross-border transactions of this nature so as to provide non-tax-exempt Canadian shareholders with the same economic rights and benefits as holders of the Companyâ€™s shares into which the Exchangeable Shares are exchangeable, while allowing those Canadian shareholders to benefit from the tax-rollover available on the issuance of the Exchangeable Shares. In general terms, by choosing to acquire Exchangeable Shares from Canco, such a former Peraso Tech shareholder was able to rely on a rollover rule in the Income Tax Act (Canada) in order to defer any capital gain that he/she/it would have otherwise realized. Â Callco was incorporated to exercise the call rights, while Canco was incorporated to acquire the shares of Peraso Tech from Canadian shareholders that wished to receive Exchangeable Shares as consideration, so it was a tax deferred transaction for such Canadian shareholders. The use of a separate entity, Callco, helps maximize cross border paid-up capital, which represents the amount that can generally be distributed free of Canadian withholding tax. The call rights also allow Callco to â€œpurchaseâ€ the Exchangeable Shares rather than having them redeemed by Canco on a redemption or retraction or in connection with a liquidity event, thus avoiding the adverse deemed dividend tax consequences to shareholders that may arise from a redemption or retraction of Exchangeable Shares. Â Holders of Exchangeable Shares have the right at any time (the Retraction Right) to retract or redeem any or all of the Exchangeable Shares owned by them for an amount per share equal to the market price of a share of the Companyâ€™s common stock plus the full amount of all declared and unpaid dividends on such Exchangeable Share (the Exchangeable Share Purchase Price). The Exchangeable Share Purchase Price is payable only by the Company delivering or causing to be delivered to the relevant holder one share of the Companyâ€™s common stock for each Exchangeable Share purchased plus a cash amount equal to the amount of any accrued and unpaid dividends on such Exchangeable Share. The Company and Callco each have an overriding right, in the event that a holder of Exchangeable Shares exercises its Retraction Right, to redeem from such holder all, but not less than all, of the Exchangeable Shares tendered for redemption. Â The Exchangeable Shares are subject to redemption by the Company, Callco and Canco at the Exchangeable Share Purchase Price, on the â€œRedemption Date,â€ which date shall be no earlier than the seventh anniversary of the date on which Exchangeable Shares are first issued, unless: (a) less than 10% of the aggregate number of Exchangeable Shares issued remain outstanding; (b) there is a change in control of the Company (defined generally as (i) any merger, amalgamation, arrangement, takeover bid or tender offer, material sale of shares or rights or interests that results in the holders of outstanding voting securities of the Company directly or indirectly owning, or exercising control or direction over, voting securities representing less than 50% of the total voting power of all of the voting securities of the surviving entity; or (ii) any sale or disposition of all or substantially of the Companyâ€™s assets), and (c) upon the occurrence of certain other events. The Exchangeable Share Purchase Price is payable only by the Company delivering or causing to be delivered to the relevant holder one share of the Companyâ€™s common stock for each Exchangeable Share purchased plus a cash amount equal to the amount of any accrued and unpaid dividends on such Exchangeable Share. Â In the event of the liquidation, dissolution or winding-up of Canco, holders of Exchangeable Shares have the right to receive in respect of each Exchangeable Share held by such holder, an amount per share equal to the Exchangeable Share Purchase Price, which shall be satisfied in full by Canco by delivering to such holder one Company Share, plus an amount equal to the Dividend Amount. The Company and Callco each have an overriding right to purchase from all holders all but not less than all of the Exchangeable Shares upon the occurrence of such events.Â 20 Â Â In addition, the Company and Callco have the right to purchase all outstanding Exchangeable Shares at the Exchangeable Share Purchase Price if there is a change of law that permits holders of Exchangeable Shares to exchange their Exchangeable Shares for shares of common stock on a basis that will not require holders to recognize any gain or loss or any actual or deemed dividend for Canadian tax purposes. Â The holders of Exchangeable Shares have an â€œautomatic exchange rightâ€ in the event of any insolvency, liquidation, dissolution or winding-up or in general, related proceedings, of the Company for an amount per share equal to the Exchangeable Share Purchase Price. Â It is expected that Callco will exercise its call rights, as that is more beneficial to the holders of the Exchangeable Shares. Once Callco acquires the Exchangeable Shares from a holder, it (Callco and the Company) is obligated to deliver the Company shares to the holder. Callco discharges this obligation by arranging for the Company to issue and deliver those shares to the holders on behalf of Callco. As consideration for satisfying the delivery obligation, Callco would issue its own shares to the Company. Â There are no cash redemption features, as all redemption and exchange scenarios are payable in a share of the Companyâ€™s common stock. Neither Canco, Callco, or the Company assume any tax liabilities of a former Peraso Tech shareholder who acquired Exchangeable Shares under the plan of arrangement. The purchase price computed upon the exercise of rights pertaining to retraction, redemption, or liquidation, or otherwise giving rise to a purchase or cancellation of an Exchangeable Share, will, in all cases, consist of a 1:1 exchange involving the Companyâ€™s common stock, regardless of the market price of a share of the Companyâ€™s common stock. Â In connection with the Arrangement, on December 15, 2021, the Company filed the Certificate of Designation of Series A Special Voting Preferred Stock (the Certificate) with the Secretary of State of the State of Delaware to designate Series A Special Voting Preferred Stock (the Special Voting Share) in accordance with the terms of the Arrangement Agreement in order to enable the holders of Exchangeable Shares to exercise their voting rights. The Special Voting Share was issued to a third-party administrative agent (the Agent) solely to facilitate the exercise of rights by holders of Exchangeable Shares. The rights of the Agent, as holder of the Special Voting Share, are limited to effecting the rights of the holders of the Exchangeable Shares; the Special Voting Share does not confer any independent rights to the Agent. Under the Certificate, when all of the Exchangeable Shares have been converted into shares of the Companyâ€™s common stock, the Special Voting Share shall be automatically cancelled and shall not be reissued. Each Exchangeable Share is exchangeable for one share of common stock of the Company and while outstanding, the Special Voting Share enables holders of Exchangeable Shares to cast votes on matters for which holders of the common stock are entitled to vote, and by virtue of the share terms relating to the Exchangeable Shares, enable the Exchangeable Shares to receive dividends that are economically equivalent to any dividends declared with respect to the shares of common stock. As the Special Voting Share does not participate in dividends (only the Exchangeable Shares participate in dividends) and is not entitled to participate in the residual interest of the Company, it is not classified as an equity instrument in the Companyâ€™s financial statements. Â The Exchangeable Shares, which can be converted into common stock at the option of the holder and have the same voting and dividend rights as common stock, are similar in substance to shares of common stock. Further, Canco and Callco are non-substantive entities, which are looked through with the Exchangeable Shares being, in substance, common stock of the Company. Therefore, the Exchangeable Shares have been included in the determination of outstanding common stock. The Special Voting Share was issued to a third-party administrative agent (the Agent) solely to facilitate the exercise of rights by holders of Exchangeable Shares. The rights of the Agent, as holder of the Special Voting Share, are limited to effecting the rights of the holders of the Exchangeable Shares; the Special Voting Share does not confer any independent rights to the Agent. Under the Certificate, when all of the Exchangeable Shares have been converted into shares of the Companyâ€™s common stock, the Special Voting Share shall be automatically cancelled and shall not be reissued.Â 21 Â Â February 2024 Public Offering Â On February 6, 2024, the Company entered into an underwriting agreement (the Underwriting Agreement) with Ladenburg Thalmann & Co. Inc., as the sole underwriter (the Underwriter), relating to the issuance and sale in a public offering (the Offering) of: (i) 480,000 shares of common stock, (ii) pre-funded warrants to purchase up to 1,424,760 shares of common stock, (iii) Series A warrants to purchase up to 3,809,520 shares of common stock, (iv) Series B warrants to purchase up to 3,809,520 shares of common stock, and (v) up to 285,714 additional shares of common stock, Series A warrants to purchase up to 571,428 shares of common stock and Series B warrants to purchase up to 571,428 shares of common stock that may be purchased pursuant to a 45-day option to purchase additional securities granted to the Underwriter by the Company. The Underwriter partially exercised this option on February 7, 2024 for 82,500 shares of common stock, Series A warrants to purchase up to 165,000 shares of common stock and Series B warrants to purchase up to 165,000 shares of common stock. The combined public offering price of each share of common stock, together with the accompanying Series A warrants and Series B warrants, was $2.10, less underwriting discounts and commissions. The combined public offering price of each pre-funded warrant, together with the accompanying Series A warrants and Series B warrants, was $2.099, less underwriting discounts and commissions. Â The Offering, including the additional shares of common stock, Series A warrants and Series B warrants sold pursuant to the partial exercise of the Underwriterâ€™s option, closed on February 8, 2024. Â The net proceeds from the Offering, including the additional shares of common stock, Series A warrants and Series B warrants sold pursuant to the partial exercise of the Underwriterâ€™s option, after deducting underwriting discounts and commissions and other estimated Offering expenses payable by the Company and excluding any proceeds from the exercise of the Series A warrants, Series B warrants and pre-funded warrants, were approximately $3.4 million. Â The Series A warrants and Series B warrants each have an exercise price of $2.25 per share and were immediately exercisable upon issuance. The Series A warrants expire on February 8, 2029 and the Series B warrants expire on August 8, 2024. The pre-funded warrants have an exercise price of $0.001 per share, were exercisable immediately and may be exercised at any time until all of the pre-funded warrants are exercised in full. The exercise price and number of shares of common stock issuable upon exercise of the warrants is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting the common stock and the exercise price. Subject to limited exceptions, a holder may not exercise any portion of its warrants to the extent that the holder would beneficially own more than 9.99% or 4.99% (at the election of the holder) of the Companyâ€™s outstanding common stock after exercise.Â Â On February 8, 2024, pursuant to the Underwriting Agreement, the Company issued Series A warrants to the Underwriter to purchase up to 139,108 shares of common stock at an exercise price of $2.625, subject to adjustments, which are exercisable at any time and from time to time, in whole or in part, until February 8, 2029. Â June 2024 Private Sale Â On June 11, 2024, the Company entered into a Stock Purchase Agreement (the Purchase Agreement) with a member of the Companyâ€™s board of directors, pursuant to which the Company sold and the board member purchased 100,000 shares (the Shares) of common stock at a price per share of $1.27. The Shares sold pursuant to the Purchase Agreement were issued as restricted securities as defined in Rule 144 of the Securities Act of 1933, as amended.Â 22 Â Â Warrants Classified as Equity Â As of June 30, 2024, the Company had the following equity-classified common stock purchase warrants outstanding (share amounts in thousands): Â Â Â Number of SharesÂ Â Exercise PriceÂ Â Expiration Balance as of December 31, 2023Â Â 7Â Â $28.00Â Â June 28, 2023 Pre-funded warrants issuedÂ Â 1,425Â Â $0.001Â Â â€” Pre-funded warrants exercisedÂ Â (1,001)Â $0.001Â Â â€” Series A warrants issuedÂ Â 3,974Â Â $2.250Â Â February 8, 2029 Series A warrants issuedÂ Â 139Â Â $2.625Â Â February 8, 2029 Series B warrants issuedÂ Â 3,974Â Â $2.250Â Â August 8, 2024 Balance as of March 31, 2024Â Â 8,518Â Â Â Â Â Â Â Pre-funded warrants exercisedÂ Â (307)Â $0.001Â Â â€” Balance as of June 30, 2024Â Â 8,211Â Â Â Â Â Â Â Â During the three months ended June 30, 2024, holders exercised warrants for an aggregate of 307,460 shares of common stock at an exercise price of $0.001 per share for aggregate proceeds of approximately $307. During the three months ended March 31, 2024, holders exercised warrants for an aggregate of 674,920 shares of common stock at an exercise price of $0.001 per share for aggregate proceeds of approximately $675. Also, during the three months ended March 31, 2024, holders exercised warrants for an aggregate of 326,190 shares of common stock at an exercise price of $0.001 per share on a cashless basis and surrendered 127 shares of common stock as payment of the aggregate exercise price. Â Note 9. Warrants Classified as Liabilities Â In November 2022 and June 2023, the Company completed registered direct offerings and sold shares of its common stock and common stock purchase warrants (the â€œPurchase Warrantsâ€). The securities purchase agreements governing the Purchase Warrants provide for a value calculation for such warrants using the Black Scholes model in the event of certain fundamental transactions. The fair value calculation provides for a floor on the volatility amount utilized in the value calculation at 100% or greater. The Company has determined this provision introduces leverage to the holders of the Purchase Warrants that could result in a value that would be greater than the settlement amount of a fixed-for-fixed option on the Companyâ€™s own equity shares. Therefore, pursuant to ASC 815, the Company has classified the Purchase Warrants as liabilities in its condensed consolidated balance sheets. The classification of the Purchase Warrants, including whether the Purchase Warrants should be recorded as liabilities or as equity, is evaluated at the end of each reporting period with changes in the fair value reported in other income (expense) in the consolidated statements of operations and comprehensive loss. Â As of June 30, 2024 and December 31, 2023, the Company had the following liability-classified warrants outstanding (amounts in thousands): Â Â Â Number of SharesÂ Â Exercise PriceÂ Â Expiration Date Warrants issued - November 2022Â Â 92Â Â $40.00Â Â May 28, 2028 Warrants issued - June 2023Â Â 143Â Â $28.00Â Â June 2, 2028 Â Â Â 235Â Â Â Â Â Â Â Â 23 Â Â Â Â Number of SharesÂ Â Fair ValueÂ Balance as of December 31, 2023Â Â 235Â Â $1,748Â Change in fair value of warrantsÂ Â â€”Â Â Â (1,591) Balance as of March 31, 2024Â Â 235Â Â Â 157Â Change in fair value of warrantsÂ Â â€”Â Â Â (54) Balance as of June 30, 2024Â Â 235Â Â $103Â Â The fair value of the Purchase Warrants at June 30, 2024 was determined using the Black Scholes model with the assumptions in the following table. Â Â Â 2022 Purchase WarrantÂ Â 2023 Purchase WarrantÂ Expected term based on contractual termÂ Â Â 3.9 yearsÂ Â Â 3.9 yearsÂ Interest rate (risk-free rate)Â Â 4.37%Â Â 4.37% Expected volatilityÂ Â 118%Â Â 118% Expected dividend yieldÂ Â â€”Â Â Â â€”Â Fair value of warrants (in thousands)Â $37Â Â $66Â Â Â The fair value of the Purchase Warrants at December 31, 2023 was determined using the Black Scholes model with the assumptions in the following table. Â Â Â 2022 Purchase WarrantÂ Â 2023 Purchase WarrantÂ Expected term based on contractual termÂ Â 4.4 yearsÂ Â Â 4.4 yearsÂ Interest rate (risk-free rate)Â Â 3.84%Â Â 3.84% Expected volatilityÂ Â 116%Â Â 116% Expected dividend yieldÂ Â â€”Â Â Â â€”Â Fair value of warrants (in thousands)Â $653Â Â $1,095Â Â Note 10. Related Party Transactions Â A family member of one of the Companyâ€™s executive officers is an employee of the Company. The Company recorded compensation expense of approximately $27,800 and $55,300 for the employed family member during the three and six months ended June 30, 2024, respectively. Â See Note 8 for a discussion of the Companyâ€™s sale of common stock to a member of the Companyâ€™s board of directors in June 2024. Â Note 11. License and Asset Sale Transaction Â On August 5, 2022, the Company entered into a Technology License and Patent Assignment Agreement (the Intel Agreement) with Intel Corporation (Intel), pursuant to which Intel: (i) licensed from the Company, on an exclusive basis, certain software and technology assets related to the Companyâ€™s Stellar packet classification intellectual property, including its graph memory engine technology, and any roadmap variant, in the form existing as of the date of the Intel Agreement (the Licensed Technology); (ii) acquired from the Company certain patent applications and patents owned by the Company; and (iii) assumed a professional services agreement, dated March 24, 2020, between Fabulous Inventions AB (Fabulous) and the Company, pursuant to which, among other things, the Company licensed from Fabulous certain technology incorporated into the Licensed Technology.Â 24 Â Â As consideration for the Company to enter into the Intel Agreement, Intel agreed to pay the Company $3,062,500 at the closing of the transaction (the Closing) and $437,500 (the Holdback) upon the satisfaction by the Company, as mutually agreed upon by the parties in good faith, of certain release criteria set forth in the Intel Agreement relating to various due diligence activities of Intel regarding the Licensed Technology. Â The Company determined that the license and asset sale did not qualify as a sale of a business, but as a sale of a non-financial asset, with the resultant gain recorded as income from operations in accordance with ASC 610-20, Other Income - Gains and Losses from the Derecognition of Nonfinancial Assets. During the year ended December 31, 2022, the Company recognized a $2.6 million gain on this transaction, net of transaction costs. In 2023, Intel paid the Holdback, and the Company recognized a $0.4 million gain, net of transaction costs, which was recorded as a reduction of operating expenses in the condensed consolidated statements of operations and comprehensive loss. Â Note 12. Memory IC Product End-of-Life Â Taiwan Semiconductor Manufacturing Corporation (TSMC) is the sole foundry that manufactures the wafers used to produce the

Companyâ€™s memory IC products. TSMC has informed the Company that TSMC is discontinuing the foundry process used to produce wafers, in turn, necessary to manufacture the Companyâ€™s memory ICs. As a result, in May 2023, the Company informed its customers that the Company would be initiating an end-of-life (EOL) of its memory IC products. As of June 30, 2024, the Company had a non-cancelable purchase order backlog for its memory IC products of approximately $9.1 million. The Company expects to fulfill this backlog and complete final shipments of its memory IC products by March 31, 2025. Â Note 13. Subsequent Events Â On August 6, 2024, the Company extended the expiration date of the Series B warrants issued in the Offering (the â€œSeries B Warrantsâ€) to 5:00 p.m. (New York City time) on October 7, 2024, by entering into an amendment to the Warrant Agency Agreement dated as of February 8, 2024 by and between the Company and the warrant agent, Equiniti Trust Company, LLC.Â The Series B Warrants would otherwise have expired on August 8, 2024. See Note 8 for additional information about the Series B Warrants and the Offering. Â 25 Â Â ITEM 2. Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations Â This Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations should be read in conjunction with the accompanying condensed consolidated financial statements and notes included in this report. This FormÂ 10-Q contains forward-looking statements within the meaning of SectionÂ 27A of the Securities Act of 1933, as amended, and SectionÂ 21E of the Securities Exchange Act of 1934, as amended, which include, without limitation, statements about the market for our technology, our strategy, competition, expected financial performance and capital raising effort, the impacts of COVID-19 on our business, and inflation, which could cause customers to delay or reduce purchases of our products or delay payments to us, which would adversely affect our financial results, including cash flows, and other aspects of our business identified in our most recent annual report on FormÂ 10-K filed with the Securities and Exchange Commission on MarchÂ 29, 2024 and in other reports that we file from time to time with the Securities and Exchange Commission. Any statements about our business, financial results, financial condition and operations contained in this FormÂ 10-Q that are not statements of historical fact may be deemed to be forward-looking statements. Without limiting the foregoing, the words â€œbelieves,â€ â€œanticipates,â€ â€œexpects,â€ â€œintends,â€ â€œplans,â€ â€œprojectsâ€ or similar expressions are intended to identify forward-looking statements. Our actual results could differ materially from those expressed or implied by these forward-looking statements as a result of various factors, including the risk factors described under Item 1A of our annual report on FormÂ 10-K for the year ended DecemberÂ 31, 2023 and the risk factors described below under Item 1A of this Form 10-Q. We undertake no obligation to update publicly any forward-looking statements for any reason, except as required by law, even as new information becomes available or events occur in the future. Â Overview Â We were formerly known as MoSys, Inc. (â€œMoSysâ€) and we were incorporated in California in 1991 and reincorporated in 2000 in Delaware. On September 14, 2021, we and our subsidiaries, 2864552 Ontario Inc. and 2864555 Ontario Inc., entered into an Arrangement Agreement (the â€œArrangement Agreementâ€) with Peraso Technologies Inc. (â€œPeraso Techâ€), a corporation existing under the laws of the province of Ontario, to acquire all of the issued and outstanding common shares of Peraso Tech (the â€œPeraso Sharesâ€), including those Peraso Shares to be issued in connection with the conversion or exchange of secured convertible debentures and common share purchase warrants of Peraso Tech, as applicable, by way of a statutory plan of arrangement (the â€œArrangementâ€) under the Business Corporations Act (Ontario). On December 17, 2021, following the satisfaction of the closing conditions set forth in the Arrangement Agreement, the Arrangement was completed and we changed our name to â€œPeraso Inc.â€ and began trading on the Nasdaq Stock Market (the â€œNasdaqâ€) under the symbol â€œPRSO.â€ Â Our strategy and primary business objective is to be a profitable, IP-rich fabless semiconductor company offering integrated circuits, or ICs, antenna modules and related non-recurring engineering services. We specialize in the development of mmWave semiconductors, primarily in the unlicensed 60 GHz spectrum band for 802.11ad/ay- compliant devices and in the 28/39 GHz spectrum bands for 5G-compliant devices. We derive our revenue from selling semiconductor devices, as well as antenna modules based on using those mmWave semiconductor devices. We have pioneered a high-volume mmWave IC production test methodology using standard, low-cost production test equipment. It has taken us several years to refine performance of this production test methodology, and we believe this places us in a leadership position in addressing operational challenges of delivering mmWave products into high-volume markets. We also produce and sell complete mmWave antenna modules. The primary advantage provided by our antenna modules is that our proprietary mmWave ICs and the antenna are integrated into a single device. A differentiating characteristic of mmWave technology is that the RF amplifiers must be as close as possible to the antenna to minimize loss. With our module, we can guarantee the performance of the amplifier/antenna interface and simplify customersâ€™ radio frequency (â€œRFâ€) engineering, facilitating more opportunities for customer prospects that have not provided RF-type systems, as well as shortening the time to market for new products. Â We also acquired a memory product line comprising our Bandwidth Engine IC products. These products integrate our proprietary, 1T-SRAM high-density embedded memory and a highly-efficient serial interface protocol resulting in a monolithic memory IC solution optimized for memory bandwidth and transaction access performance. Taiwan Semiconductor Manufacturing Corporation, or TSMC, is the sole foundry that manufactures the wafers used to produce our memory IC products. TSMC has informed us that it would be discontinuing the foundry process used to produce wafers, in turn, necessary to manufacture our memory ICs. As a result, in May 2023, we initiated an end-of-life, or EOL, of our memory IC products, and we commenced initial EOL shipments during the quarter ended September 30, 2023. We have requested customers to pay a deposit upon purchase order placement to reserve supply and provide funding for our required inventory purchases. In addition, we have requested customers to accelerate payments to improve our cash flows. Under our EOL plan, we expect to complete shipments of our memory products by June 30, 2025. However, the timing of EOL shipments will be dependent on the potential receipt of additional purchase orders from customers, deliveries from our suppliers, and the delivery schedules requested by our customers. Â 26 Â Â We incurred net losses ofÂ approximately $6.5 million for the six months ended June 30, 2024 and $16.8 million for the year ended December 31, 2023, and we had an accumulated deficit ofÂ approximately $173 millionÂ as of June 30, 2024. These and prior year losses have resulted in significant negative cash flows and historically have required us to raise substantial amounts of additional capital. As discussed below, this raises significant doubt about our ability to continue as a going concern. We will need to increase revenues substantially beyond levels that we have attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time.Â Â Reverse Stock Split Â On December 15, 2023, at our annual meeting of stockholders, our stockholders approved a certificate of amendment to our Second Amended and Restated Certificate of Incorporation (the â€œCharter Amendmentâ€) to effect a reverse stock split of our outstanding shares of common stock at a ratio to be determined by our board of directors. On December 15, 2023, we filed the Charter Amendment with the Secretary of State of Delaware which effected a 1-for-40 reverse stock split of our outstanding shares of common stock as of 4:01 p.m. Eastern Time on January 2, 2024. As a result of the reverse stock split, every forty shares of common stock were combined into one issued and outstanding share of common stock, with no change in the $0.001 par value per share. Holders of fractional shares received, in lieu of any fractional share, the number of shares rounded up to the next whole number. All equity awards outstanding and common stock reserved for issuance under our equity incentive plans and warrants outstanding immediately prior to the reverse stock split were appropriately adjusted by dividing the number of affected shares of common stock by 40 and, as applicable, multiplying the exercise price by 40, as a result of the reverse stock split. Exchangeable shares, which can be converted to common stock at any time by their respective holders, were also adjusted to reflect the reverse stock split. Â Risks and Uncertainties Â We are subject to risks from, among other things, competition associated with the industry in general, other risks associated with financing, liquidity requirements, rapidly changing customer requirements, limited operating history, pandemics, wars and acts of terrorism and the volatility of public markets. We may be unable to access the capital markets, and additional capital may only be available to us on terms that could be significantly detrimental to our existing stockholders and to our business. Â For additional information on risks that could impact our future results of operations, please refer to â€œRisk Factorsâ€ in Part II, Item 1A. of this quarterly report on Form 10-Q. Â Critical Accounting Policies and Estimates Â The discussion and analysis of our financial condition and results of operations are based upon our condensed consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States (GAAP). The preparation of these condensed consolidated financial statements requires us to make certain estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses. On an ongoing basis we make these estimates based on our historical experience and on assumptions that we consider reasonable under the circumstances. Actual results may differ from these estimates and reported results could differ under different assumptions or conditions. Our significant accounting policies and estimates are disclosed in Note 1 of the â€œNotes to Condensed Consolidated Financial Statementsâ€ included in PartÂ I, ItemÂ 1 of this report and Note 1 of the â€œNotes to Consolidated Financial Statementsâ€ in our annual report on FormÂ 10-K for the year ended DecemberÂ 31, 2023. As of June 30, 2024, there have been no material changes to our significant accounting policies and estimates. Â 27 Â Â Results of Operations Â Net Revenue Â Â Â JuneÂ 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â 2023 to 2024Â Â Â (dollar amounts in thousands)Â Product - three months endedÂ $4,109Â Â $2,235Â Â $1,874Â Â Â 84% Percentage of total net revenueÂ Â 97%Â Â 93%Â Â Â Â Â Â Â Product - six months endedÂ $6,785Â Â $7,123Â Â $(338)Â Â (5)% Percentage of total net revenueÂ Â 96%Â Â 96%Â Â Â Â Â Â Â The following table details revenue by product category for the three and six months ended June 30, 2024 and 2023: Â Â Â Three months Ended June 30,Â Â Six Months Ended JuneÂ 30,Â Product categoryÂ 2024Â Â 2023Â Â 2024Â Â 2023Â Memory ICsÂ $3,428Â Â $1,616Â Â $5,811Â Â $3,831Â mmWave ICsÂ Â 127Â Â Â 559Â Â Â 204Â Â Â 2,004Â mmWave modulesÂ Â 553Â Â Â 60Â Â Â 757Â Â Â 1,284Â mmWave other productsÂ Â 1Â Â Â â€"Â Â Â 13Â Â Â 4Â Â Â $4,109Â Â $2,235Â Â $6,785Â Â $7,123Â Â Product revenue increased for the three months ended June 30, 2024 compared with the same period of 2023 primarily due to increases in EOL shipments of our memory IC products. Product revenue decreased for the six months ended June 30, 2024 compared with the same period of 2023 primarily due to the decrease in shipments of our mmWave ICs and antenna modules, which was partially offset by increases in EOL shipments of our memory IC products. We initiated price increases on certain of our antenna module products in 2022, however, through June 30, 2024, we had not realized any material increase in revenue as a result of those price increases. Â Taiwan Semiconductor Manufacturing Corporation (TSMC) is the sole foundry that manufactures the wafers used to produce our memory IC products. TSMC has informed us that TSMC is discontinuing the foundry process used to produce wafers, in turn, necessary to manufacture our memory ICs. As a result, in May 2023, we informed our customers that we would be initiating an end-of-life (EOL) of our memory IC products. As of June 30, 2024, we had a non-cancelable purchase order backlog for our memory IC products of $9.1 million. We expect to fulfill this backlog and complete final shipments of our memory IC products by March 31, 2025. Â We expect revenues to increase in 2024 as compared with 2023, as we anticipate increased sales of our memory IC products, based on EOL purchase orders received from customers. In addition, we expect sales of our mmWave products to increase from a volume and revenue perspective over the next 12 months, as we expect new customers to commence production during 2024. Â Â Â JuneÂ 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â 2023 to 2024Â Â Â (dollar amounts in thousands)Â Royalty and other - three months endedÂ $129Â Â $168Â Â $(39)Â Â -23% Percentage of total net revenueÂ Â 3%Â Â 7%Â Â Â Â Â Â Â Royalty and other - six months endedÂ $269Â Â $313Â Â $(44)Â Â -14% Percentage of total net revenueÂ Â 4%Â Â 4%Â Â Â Â Â Â Â Â 28 Â Â Royalty and other includes royalty, non-recurring engineering services and license revenues. The decrease in royalty and other revenue for the three and six months ended June 30, 2024 compared with the same periods of 2023 was primarily due to a decrease in royalty revenues from licensees of our memory technology due to reduced shipments by these licensees, as partially offset by an increase in non-recurring engineering services revenue related to our mmWave technology. Â Cost of Net Revenue and Gross Profit Â Â Â JuneÂ 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â 2023 to 2024Â Â Â (dollar amounts in thousands)Â Cost of net revenue -three months endedÂ $1,887Â Â $1,795Â Â $92Â Â Â 5% Percentage of total net revenueÂ Â 45%Â Â 75%Â Â Â Â Â Â Â Cost of net revenue -six months endedÂ $3,397Â Â $4,901Â Â $(1,504)Â Â -31% Percentage of total net revenueÂ Â 48%Â Â 66%Â Â Â Â Â Â Â Â Cost of net revenue is primarily comprised of direct and indirect costs related to the sale of our products, including amortization of intangible assets and depreciation of production-related fixed assets. Â Cost of net revenue increased slightly for the three months ended June 30, 2024 when compared with the same period in 2023, primarily due to the combined effect of i) an increase in shipments of our memory IC products and ii) increased amortization of developed technology of approximately $0.2 million. Cost of net revenue decreased for the six months ended June 30, 2024 when compared with the same period in 2023, primarily due to the combined effect of i) a decrease in sales of our mmWave IC and module products, partially offset by an increase in shipments of our memory IC products in 2024, and ii) increased amortization of developed technology of approximately $0.3 million. Â Â Â JuneÂ 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â 2023 to 2024Â Â Â (dollar amounts in thousands)Â Gross profit -three months endedÂ $2,351Â Â $608Â Â $1,743Â Â Â 287% Percentage of total net revenueÂ Â 55%Â Â 25%Â Â Â Â Â Â Â Gross profit -six months endedÂ $3,657Â Â $2,535Â Â $1,122Â Â Â 44% Percentage of total net revenueÂ Â 52%Â Â 34%Â Â Â Â Â Â Â Â Gross profit increased for the three and six months ended June 30, 2024 compared with the same periods of 2023 primarily due to the increase in shipment volumes of our memory IC products. The increase in our gross profit margin percentage for the three and six months ended June 30, 2024 compared with the prior year period was primarily attributable to the increase in shipments of our memory products, which carry higher gross margins than our mmWave products. During the three months ended June 30, 2024, we sold inventory with a value of $81,000 that had been written down in 2023. Â Research and Development Â Â Â JuneÂ 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â 2023 to 2024Â Â Â (dollar amounts in thousands)Â Research and development -three months endedÂ $2,644Â Â $3,668Â Â $(1,024)Â Â (28)% Percentage of total net revenueÂ Â 62%Â Â 153%Â Â Â Â Â Â Â Research and development -six months endedÂ $5,457Â Â $7,555Â Â $(2,098)Â Â (28)% Percentage of total net revenueÂ Â 77%Â Â 102%Â Â Â Â Â Â Â Â Our research and development, or R&D, expenses include costs related to the development of our products. We expense R&D costs as they are incurred. Â The decrease for the three and six months ended June 30, 2024 compared with the same periods of 2023 was primarily due to reduced salary and consulting costs, as we implemented reductions in force in February and November 2023 and terminated consultant contracts. Â 29 Â Â We expect that total R&D expenses will decrease during 2024 compared with 2023, as a result of our cost reduction initiatives initiated during 2023. Â Selling, General and Administrative Â Â Â JuneÂ 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â 2023 to 2024Â Â Â (dollar amounts in thousands)Â SG&A -three months endedÂ $2,141Â Â $1,977Â Â $164Â Â Â 8% Percentage of total net revenueÂ Â 51%Â Â 82%Â Â Â Â Â Â Â SG&A -six months endedÂ $4,243Â Â $4,219Â Â $24Â Â Â 1% Percentage of total net revenueÂ Â 60%Â Â 57%Â Â Â Â Â Â Â Â Selling, general and administrative, or SG&A, expenses consist primarily of personnel and related overhead costs for sales, marketing, finance, human resources and general management and amortization of certain intangible assets. Â The increase for the three and six months ended June 30, 2024 compared with the same periods of 2023 was primarily attributable to increased consulting and professional services costs and increased amortization of purchased intangible assets for customer relationships, as we reduced the estimated life of these intangibles during 2023 due to the EOL of our memory IC products. These increases were partially offset by the impact of headcount reductions initiated in 2023, including the elimination of certain employee and consulting positions and reductions of other discretionary operating expenses during 2023. We expect that total SG&A expense will remain flat or slightly decrease for the remainder of 2024 compared with 2023 due to our continued cost reduction initiatives. Â Severance and Software License Obligations Â Â Â JuneÂ 30,Â Â ChangeÂ Â Â 2024Â Â 2023Â Â 2023 to 2024Â Â Â (dollar amounts in thousands)Â Severance and software license obligations -three months endedÂ $2,041Â Â $â€"Â Â $2,041Â Â Â â€"Â Percentage of total net revenueÂ Â 48%Â Â â€"Â Â Â Â Â Â Â Â Severance and software license obligations -six months endedÂ $2,063Â Â $â€"Â Â $2,063Â Â Â â€"Â Percentage of total net revenueÂ Â 29%Â Â â€"Â Â Â Â Â Â Â Â Â On November 7, 2023, we implemented an employee lay-off and terminated certain consulting positions (the â€œReductionsâ€) to reduce operating expenses and cash burn, as we prioritized business activities and projects that we believe will have a higher return on investment. As part of the Reductions, we implemented a temporary lay-off that impacted 16 employees (the â€œEmployeesâ€) of Peraso Tech. The employment of one Employee was terminated during the three months ended March 31, 2024. During the three months ended June 30, 2024, we determined that we would not recall any of the 10 Employees that remained on our payroll and commenced notifying the remaining Employees that their employment would be terminated. As a result, we recorded severance charges of approximately $424,000 and $446,000 for the three and six months ended June 30, 2024, respectively. Â Â As a result of the decision to not recall the Employees, we determined that it was probable that a number of our non-cancelable licenses for computer-aided design software would not be utilized during the remaining license terms. During the three months ended June 30, 2024, we expensed the value of the remaining contractual liabilities and certain prepaid amounts totaling approximately $1,617,000 and recorded liabilities totaling approximately $1,533,000, which are expected to be paid through September 30, 2025. As of June 30, 2024, the current portion of the remaining contractual liabilities of $257,000 and $1,015,000 are included in accounts payable and accrued expenses and other, respectively (see Note 3), and the non-current portion of $261,000 is included in other long-term liabilities. Â Liquidity and Capital Resources; Changes in Financial Condition Â Cash Flows Â As of June 30, 2024, we had cash and cash equivalents of $1.9 million and working capital of $1.1 million. Â Net cash used in operating activities was $3.2 million for the first six months of 2024, which primarily resulted from our net loss of $6.5 million, as adjusted for a $1.6 million non-cash gain on the change in fair value of warrant liability, as partially offset by noncash charges of $2.0 million of depreciation and amortization, $2.4 million of stock based compensation and $0.5 million in net changes in assets and liabilities. The changes in assets and liabilities primarily related to the timing of accounts receivable collections, accruals for software license obligations, accrued severance benefits and other vendor payables and prepayments. Â 30 Â Â Net cash used in operating activities was $3.6 million for the first six months of 2023, which primarily resulted from our net loss of $7.2 million, as adjusted for a $1.6 million non-cash gain on the change in fair value of warrant liability and $0.2 million of other non-cash changes, as partially offset by non-cash charges of $1.7 million of depreciation and amortization, $2.6 million of stock based compensation, and $1.1 million in net changes in assets and liabilities. The changes in assets and liabilities primarily related to the timing of accounts receivable collections, purchases of inventory and other vendor payables and prepayments. Â Net cash provided by investing activities of $0.4 million for the six months ended June 30, 2023 represented $0.5 million in proceeds from maturities of short-term investments, partially offset by $0.1 million of purchases of property and equipment. For the six months ended June 30, 2024, no cash was provided by or used in investing activities. Â Net cash provided by financing activities of $3.5 million for the six months ended June 30, 2024 primarily comprised $3.4 million in net proceeds from a public offering of our common stock and common stock purchase warrants completed in February 2024 and a $0.1 million sale of unregistered stock to a member of our board of directors. Â Net cash provided by financing activities for the six months ended June 30, 2023 consisted of $3.5 million, primarily comprised $3.6 million in net proceeds from a registered direct offering of our common stock and common stock purchase warrants completed in June 2023, partially offset by taxes paid to net share settle equity awards and repayment of finance lease liabilities. Â Our future liquidity and capital requirements are expected to vary from quarter-to-quarter, depending on numerous factors, including: Â Â â— level of revenue; Â Â â— cost, timing and success of technology development efforts; Â Â â— inventory levels, as supply chain disruption during the COVID-19 pandemic required us to maintain higher inventory levels and place purchase orders with our suppliers longer into the future, which exposes us to additional inventory risk; Â Â â— timing of product shipments, which may be impacted by supply chain disruptions; Â Â â— length of billing and collection cycles, which may be impacted in the event of a global recession or economic downturn; Â Â â— fabrication costs, including mask costs, of our ICs, currently under development; Â Â â— variations in manufacturing yields, material lead time and costs and other manufacturing risks; Â Â â— costs of acquiring other businesses and integrating the acquired operations; and Â Â â— profitability of our business. Â Purchase Obligations Â Our primary purchase obligations include non-cancelable purchase orders for inventory. At June 30, 2024, we had outstanding non-cancelable purchase orders for inventory, primarily wafers and substrates, and related expenditures of approximately $2.9 million. As disclosed above and in Note 4 to the condensed consolidated financial statements, we recorded liabilities of approximately $1.6 million for non-cancelable license commitments for computer-aided design software. We expect to pay these license fees through September 30, 2025. Â Going Concern - Working Capital Â We incurred net losses of approximately $6.5 million for the six months ended June 30, 2024 and $16.8 million for the year ended December 31, 2023, and we had an accumulated deficit of approximately $173 million as of June 30, 2024. These and prior year losses have resulted in significant negative cash flows and have required us to raise substantial amounts of additional capital. To date, we have primarily financed our operations through offerings of equity and equity-linked securities, issuance of convertible notes and loans. Â 31 Â Â We expect to continue to incur operating losses for the foreseeable future as we continue to secure new customers for and continue to invest in the development of our products, and we expect our cash expenditures to continue to exceed receipts for the foreseeable future, as our revenues will not be sufficient to offset our operating expenses. We will need to increase revenues beyond the levels that we have attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time. Â As a result of our expected operating losses and cash burn and recurring losses from operations, if we are unable to raise sufficient capital through additional equity or debt arrangements, there will be uncertainty regarding our ability to maintain liquidity sufficient to operate our business effectively, which raises substantial doubt as to our ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements. The condensed consolidated financial statements presented in Part I, Item 1 of this Report have been prepared assuming that we will continue as a going concern, and do not include any adjustments that might result from the outcome of this uncertainty. There can be no assurance that such additional capital, whether in the form of equity or debt financing, will be sufficient or available and, if available, that such capital will be offered on terms and conditions acceptable to us. We are currently seeking additional financing in order to meet our cash requirements for the foreseeable future. If we are unsuccessful in these efforts, we will need to implement additional cost reduction strategies, which could further affect our near- and long-term business plan. These efforts may include, but are not limited to, reducing headcount and curtailing business activities. In 2023, we implemented cost-reduction initiatives, including headcount reductions, to reduce operating expenses. Â As discussed in Note 8 of the â€œNotes to Condensed Consolidated Financial Statementsâ€ included in Part I, Item 1 of this report, in February 2024, we completed a public offering of common stock and common stock purchase warrants for net proceeds to us of approximately $3.4 million. If we were to raise additional capital through the exercise of the common stock purchase warrants issued in February 2024 or other sales of our equity securities, our stockholders would suffer dilution of their equity ownership. If we engage in debt financing, we may be required to accept terms that restrict our ability to incur additional indebtedness, prohibit us from paying dividends, repurchasing our stock or making investments, and force us to maintain specified liquidity or other ratios, any of which could harm our business, operating results and financial condition. If we need additional capital and cannot raise it on acceptable terms, we may not be able to, among other things: Â Â â— develop or enhance our products; Â Â â— continue to expand our product development and sales and marketing organizations; Â Â â— acquire complementary technologies, products or businesses; Â Â â— expand operations, in the United States or internationally; Â Â â— hire, train and retain employees; or Â Â â— respond to competitive pressures or unanticipated working capital requirements. Â Discontinuing any of the above-mentioned activities could seriously harm our ability to execute our business strategy and may force us to curtail our existing operations. Â We believe that our existing cash and cash equivalents as of June 30, 2024, plus expected receipts associated with forecasted product sales, will provide us with liquidity to fund our planned operating needs into the fourth quarter of 2024. Variability in our operating forecast, driven primarily by (i) product sales and collections, (ii) potential customer licensing and non-recurring engineering (NRE) transactions, (iii) timing of operating expenditures, and (iv) unanticipated changes in net working capital will impact our cash runway. Likewise, we may decide to revise our financial priorities and operating plans, depending on the level of customer shipments, licensing and NRE arrangements and timing of related collections. This could impact our ability to enter into strategic arrangements and to access additional capital. Â 32 Â Â We will need additional funding to continue our operating activities beyond those activities currently included in our operating forecast and related cash projection. Therefore, we will need to secure additional capital or financing and/or significantly delay, defer or reduce our cash expenditures before the end of 2024. There can be no assurance that we will be able to obtain additional capital or financing on terms acceptable to us, on a timely basis or at all. Â Off-Balance Sheet Arrangements Â We do not maintain any off-balance sheet arrangements or obligations that are reasonably likely to have a material current or future effect on our financial condition, results of operations, liquidity or capital resources. Â Indemnifications Â In the ordinary course of business, we enter into contractual arrangements under which we may agree to indemnify the counter-party from losses relating to a breach of representations and warranties, a failure to perform certain covenants, or claims and losses arising from certain external events as outlined within the contract, which may include, for example, losses arising from litigation or claims relating to past performance. Such indemnification clauses may not be subject to maximum loss clauses. We have also entered into indemnification agreements with our officers and directors. No material amounts related to these indemnifications are reflected in our condensed consolidated financial statements for the three and six months ended June 30, 2024. Â Recent Accounting Pronouncements Â See Note 1 to the condensed consolidated financial statements for a discussion of recently-issued accounting pronouncements. Â ITEM 4. Controls and Procedures Â Disclosure Controls and Procedures. Our management is responsible for establishing and maintaining adequate internal control over our financial reporting. Because of inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. Â Under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, we conducted an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures, as defined in RulesÂ 13a-15(e)Â and 15d-15(e)Â under the Securities Exchange Act of 1934. Based on this evaluation, our management concluded that, as of June 30, 2024, our disclosure controls and procedures were effective. Â Changes in Internal Control over Financial Reporting. During the three months ended June 30, 2024, there was no change in our internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting. Â 33 Â Â PARTÂ IIâ€"OTHER INFORMATION Â ITEM 1. Legal Proceedings Â The discussion of legal matters in Note 5 of the Notes to Condensed Consolidated Financial Statements included in PartÂ I, ItemÂ 1 of this report under the heading â€œLegal Mattersâ€ is incorporated by reference in response to this PartÂ II,Â Item 1. Â Â ITEM 1A. Risk Factors Â We face many significant risks in our business, some of which are unknown to us and not presently foreseen. These risks could have a material adverse impact on our business, financial condition and results of operations in the future. Other than as set forth below, there have been no material changes with respect to the risk factors disclosed under ItemÂ 1A of our annual report on FormÂ 10-K for the year ended DecemberÂ 31, 2023, which we filed with the SEC on MarchÂ 29, 2024. Â We might not be able to continue as a going concern. Â Our consolidated financial statements as of June 30, 2024 have been prepared under the assumption that we will continue as a going concern for the next twelve months. As of June 30, 2024, we had cash and cash equivalents of $1.9 million and an accumulated deficit of $173 million. In February 2024, we completed a public offering of our common stock and common stock purchase warrants for net proceeds of approximately $3.4 million. We believe that our existing cash and cash equivalents as of June 30, 2024, plus expected receipts associated with forecasted product sales, will enable us to meet our capital needs until the fourth quarter of 2024. Â Our ability to continue as a going concern is dependent upon our ability to raise additional capital and to achieve sustainable revenues and profitable operations. We will need to increase revenues substantially beyond levels that we have attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time. As a result of our expected operating losses and cash burn for the foreseeable future and recurring losses from operations, if we are unable to raise sufficient capital through additional debt or equity arrangements, there will be uncertainty regarding our ability to maintain liquidity sufficient to operate our business effectively, which raises substantial doubt as to our ability to continue as a going concern. If we cannot continue as a viable entity, our stockholders would likely lose most or all of their investment in us. Â If we are unable to generate sustainable operating profit and sufficient cash flows, then our future success will depend on our ability to raise capital. We cannot be certain that raising additional capital, whether through selling additional debt or equity securities or obtaining a line of credit or other loan, will be available to us or, if available, will be on terms acceptable to us. If we issue additional securities to raise funds, these securities may have rights, preferences, or privileges senior to those of our common stock, and our current stockholders may experience dilution. If we are unable to obtain funds when needed or on acceptable terms, we may be required to curtail our current product development programs, cut operating costs, forego future development and other opportunities or even terminate our operations. Â Our forecast of the period of time through which our financial resources will be adequate to support our operating requirements is a forward-looking statement and involves risks and uncertainties, and actual results could vary as a result of a number of factors, including the factors discussed elsewhere in this â€œRisk Factorsâ€ section and in Item 1A of our annual report on Form 10-K for the year ended December 31, 2023. We have based this estimate on a number of assumptions that may prove to be wrong and changing circumstances beyond our control may cause us to consume capital more rapidly than we currently anticipate. Our inability to obtain additional funding when we need it could seriously harm our business. Â We intend to discontinue the production of our memory products. Â Taiwan Semiconductor Manufacturing Corporation, or TSMC, is the sole foundry that manufactures the wafers used to produce our memory IC products. TSMC has informed us that it is discontinuing the foundry process used to produce the wafers necessary to produce our memory ICs. We are not in a position to transition wafer production to a new foundry and continue to manufacture these products. As a result, in May 2023, we initiated an end-of-life, or EOL, of our memory IC products. We expect to fulfill EOL product purchase orders by March 31, 2025. However, the timing of EOL shipments will be dependent on the potential receipt of additional purchase orders from customers, deliveries from our suppliers, and the delivery schedules requested by our customers. Our memory IC products represented over 60% of our revenues for the year ended December 31, 2023 and over 80% of our revenues for the six months ended June 30, 2024. The discontinuation of the production and sale of our memory IC products will negatively impact our future revenues, gross margins, results of operations and cash flows. Â 34 Â Â Our recent reduction in force undertaken to significantly reduce our ongoing operating expenses may not result in our intended outcomes and may yield unintended consequences and additional costs. Â On November 7, 2023, we implemented an employee lay-off and terminated certain consulting positions (the â€œReductionsâ€) to reduce operating expenses and cash burn, as we prioritized business activities and projects that we believe will have a higher return on investment. As part of the Reductions, we implemented a temporary lay-off that impacted 16 employees (the â€œEmployeesâ€) of Peraso Tech. The employment of one Employee was terminated during the three months ended March 31, 2024. During the three months ended June 30, 2024, we determined that we would not recall any of the 10 Employees that remained on our payroll and commenced notifying the remaining Employees that their employment would be terminated. As a result, we recorded severance charges of approximately $424,000 and $446,000 for the three and six months ended June 30, 2024, respectively, and a liability for severance costs of $419,000 as of June 30, 2024. The severance costs are expected to be paid over the next 13 months. Â As a result of the decision to not recall the Employees, we determined that it was probable that a number of our non-cancelable licenses for computer-aided design software would not be utilized during the remaining license terms. During the three months ended June 30, 2024, we expensed the value of the remaining contractual liabilities and recorded liabilities of approximately $1,533,000. We expect to pay these license fees through September 30, 2025. Â In addition to the costs associated with the non-cancelable license commitments for computer-aided design software, the Reductions may result in other unintended consequences and costs, such as the loss of institutional knowledge and expertise, attrition beyond the intended number of employees, decreased morale among our remaining employees, and the risk that we may not achieve the anticipated benefits of the Reductions. In addition, while positions have been eliminated, certain functions performed by those positions and necessary to our operations remain, and we may be unsuccessful in distributing the duties and obligations of departed employees among our remaining employees. We may also be unsuccessful in negotiating any desired strategic alternative or partnership relating to such functions on a timely basis, on acceptable terms, or at all. The Reductions could also make it difficult for us to pursue, or prevent us from pursuing, new opportunities and initiatives due to insufficient personnel, or require us to incur additional and unanticipated costs to hire new personnel to pursue such opportunities or initiatives. Further, inflationary pressure may increase our costs, including employee compensation costs, or result in employee attrition to the extent our compensation does not keep up with inflation, particularly if our competitorsâ€™ compensation does. If we are unable to realize the anticipated benefits from the Reductions, if we experience significant adverse consequences from the reduction in force, or if we are otherwise unable to retain our employees, our business, financial condition, and results of operations may be materially adversely affected. Â We currently maintain and may expand operations outside of the United States which exposes us to significant risks. Â The success of our business depends, in large part, on our ability to operate successfully from geographically disparate locations and to further expand our international operations and sales. Operating in international markets requires significant resources and management attention and subjects us to regulatory, economic, and political risks that are different from those we face in the United States. We cannot be sure that further international expansion will be successful. In addition, we face risks in doing business internationally that could expose us to reduced demand for our products, lower prices for our products or other adverse effects on our operating results. The success and profitability, as well as the expansion, of our international operations are subject to numerous risks and uncertainties, many of which are outside of our control, such as the following: Â â—public health issues, such as pandemics and epidemics, which can result in varying impacts to our business, employees, partners, customers, distributors or suppliers internationally; Â â—difficulties, inefficiencies and costs associated with staffing and managing foreign operations; Â â—longer and more difficult customer qualification and credit checks; Â â—greater difficulty collecting accounts receivable and longer payment cycles; Â â—the need for various local approvals to operate in some countries; Â â—difficulties in entering some foreign markets without larger-scale local operations; Â â—changes in import/export laws, trade restrictions, regulations and customs and duties and tariffs (foreign and domestic); Â 35 Â Â â—compliance with local laws and regulations; Â â—unexpected changes in regulatory requirements; Â â—reduced protection for intellectual property rights in some countries; Â â—adverse tax consequences, including potential additional tax exposure if we are deemed to have established a permanent establishment outside of the United States; Â â—the effectiveness of our policies and procedures designed to ensure compliance with the US Foreign Corrupt Practices Act of 1977 and similar regulations; Â â—fluctuations in currency exchange rates, which could increase the prices of our products to customers outside of the United States, increase the expenses of our international operations by reducing the purchasing power of the

U.S. dollar and expose us to foreign currency exchange rate risk if, in the future, we denominate our international sales in currencies other than the U.S. dollar; Â â—new and different sources of competition; Â â—political, economic, and social instability; Â â—terrorism and acts of war, which could have a negative impact on the operations of our business or the businesses of our customers and vendors; and Â â—US Department of Commerce regulations or restrictions on exports of certain semiconductor products and technologies. Â Our failure to manage any of these risks successfully could harm our operations and reduce our revenue. Â ITEM 2. Unregistered Sales of Equity Securities and Use of Proceeds Â Except as disclosed below, during the period covered by this Quarterly Report on Form 10-Q, the Company has not sold any equity securities that were not registered under the Securities Act that were not previously reported in a Current Report on Form 8-K. Â On May 1, 2024, the Company entered into a consulting agreement with a service provider, pursuant to which the Company agreed to issue to the service provider, as partial compensation, 40,000 unregistered shares of common stock 90 days thereafter. The Company issued the shares to the service provider in August 2024 in reliance on an exemption from registration provided by Section 4(a)(2) and/or Rule 506 of Regulation D of the Securities Act. The service provider represented in the consulting agreement that it was an â€œaccredited investorâ€ as defined in Rule 501(a) of Regulation D under the Securities Act. The shares are subject to transfer restrictions, and the book-entry records evidencing the shares contain an appropriate legend stating that such shares have not been registered under the Securities Act and may not be offered or sold absent registration or pursuant to an exemption therefrom. Â Â ITEM 5. Other Information Â None of the Companyâ€™s directors or officers adopted, modified or terminated a Rule 10b-5 trading arrangement or a non-Rule 10b-5 trading arrangement during the fiscal quarter ended June 30, 2024, as such terms are defined under Item 408(a) of Regulation S-K. Â 36 Â Â ITEM 6. Exhibits Â (a) Exhibits Â Â Â Â Â ReferenceÂ Filed or Exhibit No.Â Exhibit DescriptionÂ FormÂ File No.Â Form ExhibitÂ Filing DateÂ Furnished Herewith 10.1Â Stock Purchase Agreement dated as of June 11, 2024Â 8-KÂ 000-32929Â 10.1Â June 13, 2024Â Â 31.1Â Rule 13a-14 CertificationÂ Â Â Â Â Â Â Â Â X 31.2Â Rule 13a-14 CertificationÂ Â Â Â Â Â Â Â Â X 32.1Â Section 1350 CertificationÂ Â Â Â Â Â Â Â Â X 101Â The following financial information from Peraso Inc.â€™s quarterly report on Form 10-Q for the period ended June 30, 2024, filed with the SEC on August 13, 2024, formatted in Inline Extensible Business Reporting Language (Inline XBRL): (i) the Condensed Consolidated Statements of Operations and Comprehensive Income (Loss) for the three and six months ended June 30, 2024 and 2023, (ii) the Condensed Consolidated Balance Sheets as of June 30, 2024 and December 31, 2023, (iii) the Condensed Consolidated Statements of Stockholdersâ€™ Equity for the three and six months ended June 30, 2024 and 2023, (iv) the Condensed Consolidated Statements of Cash Flows for the six months ended June 30, 2024 and 2023, and (v) Notes to Condensed Consolidated Financial StatementsÂ Â Â Â Â Â Â Â X 104Â Cover Page Interactive Data File (embedded within the Inline XBRL document)Â Â Â Â Â Â Â X Â 37 Â Â Signatures Â Pursuant 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. Â Dated: August 13, 2024 PERASOÂ INC. Â Â Â Â By: /s/ Ronald Glibbery Â Â Ronald Glibbery Â Â Chief Executive Officer (Principal Executive Officer) Â Â Â Â By: /s/ James Sullivan Â Â James Sullivan Â Â Chief Financial Officer Â Â (Principal Financial and Accounting Officer) Â Â 38 Â

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prso:WarrantsOutstandingMember 2024-01-01 2024-03-31 0000890394 prso:WarrantsOutstandingMember 2024-03-31 0000890394 prso:WarrantsOutstandingMember 2024-04-01 2024-06-30 0000890394 prso:WarrantsOutstandingMember 2024-06-30 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputExpectedTermMember 2024-06-30 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputExpectedTermMember 2024-06-30 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputRiskFreeInterestRateMember 2024-06-30 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputRiskFreeInterestRateMember 2024-06-30 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputPriceVolatilityMember 2024-06-30 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputPriceVolatilityMember 2024-06-30 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputExpectedDividendRateMember 2024-06-30 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputExpectedDividendRateMember 2024-06-30 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember prso:MeasurementInputFairValueOfWarrantsMember 2024-06-30 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember prso:MeasurementInputFairValueOfWarrantsMember 2024-06-30 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputExpectedTermMember 2023-12-31 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputExpectedTermMember 2023-12-31 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputRiskFreeInterestRateMember 2023-12-31 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputRiskFreeInterestRateMember 2023-12-31 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputPriceVolatilityMember 2023-12-31 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputPriceVolatilityMember 2023-12-31 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember us-gaap:MeasurementInputExpectedDividendRateMember 2023-12-31 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember us-gaap:MeasurementInputExpectedDividendRateMember 2023-12-31 0000890394 prso:TwoZeroTwoTwoPurchaseWarrantMember prso:MeasurementInputFairValueOfWarrantsMember 2023-12-31 0000890394 prso:TwoZeroTwoThreePurchaseWarrantMember prso:MeasurementInputFairValueOfWarrantsMember 2023-12-31 0000890394 2022-01-01 2022-12-31 xbrli:shares iso4217:USD iso4217:USD xbrli:shares xbrli:pure EX-31.1 2 ea021094301ex31-1_peraso.htm CERTIFICATION ExhibitÂ 31.1 Â CERTIFICATION PURSUANT TO RULE 13a-14 OF THE SECURITIES EXCHANGE ACT OF 1934 Â I, Ronald Glibbery, certify that: Â 1.I have reviewed this quarterly report on FormÂ 10-Q of Peraso Inc. for the period ended June 30, 2024; Â 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; Â 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; Â 4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act RulesÂ 13a-15(e)Â and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act RulesÂ 13a-15(f)Â and 15d-15(f)) for the registrant and have: Â (a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â (b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â (c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â (d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and Â 5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): Â (a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and Â (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Date: August 13, 2024 Â Â Â /s/ Ronald Glibbery Â Ronald Glibbery Â Chief Executive Officer Â (Principal Executive Officer) Â Â EX-31.2 3 ea021094301ex31-2_peraso.htm CERTIFICATION ExhibitÂ 31.2 Â CERTIFICATION PURSUANT TO RULE 13a-14 OF THE SECURITIES EXCHANGE ACT OF 1934 Â I, James Sullivan, certify that: Â 1.I have reviewed this quarterly report on FormÂ 10-Q of Peraso Inc. for the period ended June 30, 2024; Â 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; Â 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; Â 4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act RulesÂ 13a-15(e)Â and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act RulesÂ 13a-15(f)Â and 15d-15(f)) for the registrant and have: Â (a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â (b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â (c)Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â (d)Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and Â 5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): Â (a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and Â (b)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Date: August 13, 2024 Â Â Â /s/ James Sullivan Â James Sullivan Â Chief Financial Officer Â (Principal Financial and Accounting Officer) Â Â EX-32.1 4 ea021094301ex32-1_peraso.htm CERTIFICATION ExhibitÂ 32.1 Â CERTIFICATION OF CEO AND CFO FURNISHED PURSUANT TO 18 U.S.C. Â§Â 1350, AS ADOPTED PURSUANT TO Â§Â 906 OF THE SARBANES-OXLEY ACT OF 2002 Â In connection with the quarterly report on FormÂ 10-Q of PerasoÂ Inc. (the â€œCompanyâ€) for the quarterly period ended June 30, 2024, as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), each of Ronald Glibbery, Chief Executive Officer of the Company, and James Sullivan, Chief Financial Officer of the Company, hereby certifies, pursuant to 18Â U.S.C. Â§Â 1350, as adopted pursuant to Â§Â 906 of the Sarbanes-Oxley Act of 2002, to the best of his knowledge, that: Â (1)The Report fully complies with the requirements of SectionÂ 13(a)Â or 15(d)Â of the Securities Exchange Act of 1934, as amended; and Â (2)The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Â /s/ Ronald Glibbery Â Ronald Glibbery Â Chief Executive Officer Â (Principal Executive Officer) Â August 13, 2024 Â Â Â /s/ James Sullivan Â James Sullivan Â Chief Financial Officer Â (Principal Financial and Accounting Officer) Â August 13, 2024 Â This certification accompanies this Report pursuant to Â§Â 906 of the Sarbanes-Oxley Act of 2002 and shall not, except to the extent required by the Sarbanes-Oxley Act of 2002, or otherwise required, be deemed filed by the Company for purposes of Â§Â 18 of the Securities Exchange Act of 1934, as amended. Â Â EX-101.SCH 5 prso-20240630.xsd XBRL SCHEMA FILE 995301 - Statement - Condensed Consolidated Balance Sheets link:presentationLink link:definitionLink link:calculationLink 995302 - Statement - Condensed Consolidated Balance Sheets (Parentheticals) link:presentationLink link:definitionLink link:calculationLink 995303 - Statement - Condensed Consolidated Statements of Operations and Comprehensive Loss (Unaudited) link:presentationLink link:definitionLink link:calculationLink 995304 - Statement - Condensed Consolidated Statements of Operations and Comprehensive Loss (Unaudited) (Parentheticals) link:presentationLink link:definitionLink link:calculationLink 995305 - Statement - Condensed Consolidated Statements of Stockholdersâ€™ Equity (Unaudited) link:presentationLink link:definitionLink link:calculationLink 995306 - Statement - Condensed Consolidated Statements of Cash Flows (Unaudited) link:presentationLink link:definitionLink link:calculationLink 995307 - Disclosure - The Company and Summary of Significant Accounting Policies link:presentationLink link:definitionLink link:calculationLink 995308 - Disclosure - Fair Value of Financial Instruments link:presentationLink link:definitionLink link:calculationLink 995309 - Disclosure - Balance Sheet Detail link:presentationLink link:definitionLink link:calculationLink 995310 - Disclosure - Severance and Software License Obligations link:presentationLink link:definitionLink link:calculationLink 995311 - Disclosure - Commitments and Contingencies link:presentationLink link:definitionLink link:calculationLink 995312 - Disclosure - Business Segments, Concentration of Credit Risk and Significant Customers link:presentationLink link:definitionLink link:calculationLink 995313 - Disclosure - Stock-Based Compensation link:presentationLink link:definitionLink link:calculationLink 995314 - Disclosure - Equity link:presentationLink link:definitionLink link:calculationLink 995315 - Disclosure - Warrants Classified as Liabilities link:presentationLink link:definitionLink link:calculationLink 995316 - Disclosure - Related Party Transactions link:presentationLink link:definitionLink link:calculationLink 995317 - Disclosure - License and Asset Sale Transaction link:presentationLink link:definitionLink link:calculationLink 995318 - Disclosure - Memory IC Product End-of-Life link:presentationLink link:definitionLink link:calculationLink 995319 - Disclosure - Subsequent Events link:presentationLink link:definitionLink link:calculationLink 996000 - Disclosure - Accounting Policies, by Policy (Policies) link:presentationLink link:definitionLink link:calculationLink 996001 - Disclosure - The Company and Summary of Significant Accounting Policies (Tables) link:presentationLink link:definitionLink link:calculationLink 996002 - Disclosure - Fair Value of Financial Instruments (Tables) link:presentationLink link:definitionLink link:calculationLink 996003 - Disclosure - Balance Sheet Detail (Tables) link:presentationLink link:definitionLink link:calculationLink 996004 - Disclosure - Commitments and Contingencies (Tables) link:presentationLink link:definitionLink link:calculationLink 996005 - Disclosure - Business Segments, Concentration of Credit Risk and Significant Customers (Tables) link:presentationLink link:definitionLink link:calculationLink 996006 - Disclosure - Stock-Based Compensation (Tables) link:presentationLink link:definitionLink link:calculationLink 996007 - Disclosure - Equity (Tables) link:presentationLink link:definitionLink link:calculationLink 996008 - Disclosure - Warrants Classified as Liabilities (Tables) link:presentationLink link:definitionLink link:calculationLink 996009 - Disclosure - The Company and Summary of Significant Accounting Policies (Details) link:presentationLink link:definitionLink link:calculationLink 996010 - Disclosure - The Company and Summary of Significant Accounting Policies (Details) - Schedule of Intangible Assets link:presentationLink link:definitionLink link:calculationLink 996011 - Disclosure - The Company and Summary of Significant Accounting Policies (Details) - Schedule of Computation of Diluted Net Loss Per Share link:presentationLink link:definitionLink link:calculationLink 996012 - Disclosure - Fair Value of Financial Instruments (Details) - Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis link:presentationLink link:definitionLink link:calculationLink 996013 - Disclosure - Fair Value of Financial Instruments (Details) - Schedule of Determination of Fair Value for its Financial Assets link:presentationLink link:definitionLink link:calculationLink 996014 - Disclosure - Balance Sheet Detail (Details) - Schedule of Inventories link:presentationLink link:definitionLink link:calculationLink 996015 - Disclosure - Balance Sheet Detail (Details) - Schedule of Accrued Expenses and Other link:presentationLink link:definitionLink link:calculationLink 996016 - Disclosure - Severance and Software License Obligations (Details) link:presentationLink link:definitionLink link:calculationLink 996017 - Disclosure - Commitments and Contingencies (Details) link:presentationLink link:definitionLink link:calculationLink 996018 - Disclosure - Commitments and Contingencies (Details) - Schedule of Lease link:presentationLink link:definitionLink link:calculationLink 996019 - Disclosure - Commitments and Contingencies (Details) - Schedule of Future Minimum Payments link:presentationLink link:definitionLink link:calculationLink 996020 - Disclosure - Business Segments, Concentration of Credit Risk and Significant Customers (Details) link:presentationLink link:definitionLink link:calculationLink 996021 - Disclosure - Business Segments, Concentration of Credit Risk and Significant Customers (Details) - Schedule of Company Recognized Revenue link:presentationLink link:definitionLink link:calculationLink 996022 - Disclosure - Business Segments, Concentration of Credit Risk and Significant Customers (Details) - Schedule of Breakdown of Product Revenue by Category link:presentationLink link:definitionLink link:calculationLink 996023 - Disclosure - Business Segments, Concentration of Credit Risk and Significant Customers (Details) - Schedule of Concentration of Credit Risk link:presentationLink link:definitionLink link:calculationLink 996024 - Disclosure - Stock-Based Compensation (Details) link:presentationLink link:definitionLink link:calculationLink 996025 - Disclosure - Stock-Based Compensation (Details) - Schedule of Options Outstanding link:presentationLink link:definitionLink link:calculationLink 996026 - Disclosure - Stock-Based Compensation (Details) - Schedule of RSU Activity Under Plans link:presentationLink link:definitionLink link:calculationLink 996027 - Disclosure - Stock-Based Compensation (Details) - Schedule of Significant Ranges of Outstanding and Exercisable Options link:presentationLink link:definitionLink link:calculationLink 996028 - Disclosure - Equity (Details) link:presentationLink link:definitionLink link:calculationLink 996029 - Disclosure - Equity (Details) - Schedule of Equity-Classified Common Stock Purchase Warrants Outstanding link:presentationLink link:definitionLink link:calculationLink 996030 - Disclosure - Warrants Classified as Liabilities (Details) link:presentationLink link:definitionLink link:calculationLink 996031 - Disclosure - Warrants Classified as Liabilities (Details) - Schedule of Liability-Classified Warrants Outstanding link:presentationLink link:definitionLink link:calculationLink 996032 - Disclosure - Warrants Classified as Liabilities (Details) - Schedule of Fair Value of Warrants link:presentationLink link:definitionLink link:calculationLink 996033 - Disclosure - Warrants Classified as Liabilities (Details) - Schedule of Black Scholes Model link:presentationLink link:definitionLink link:calculationLink 996034 - Disclosure - Related Party Transactions (Details) link:presentationLink link:definitionLink link:calculationLink 996035 - Disclosure - License and Asset Sale Transaction (Details) link:presentationLink link:definitionLink link:calculationLink

996036 - Disclosure - Memory IC Product End-of-Life (Details) link:presentationLink link:definitionLink link:calculationLink 000 - Document - Document And Entity Information link:presentationLink link:definitionLink link:calculationLink EX-101.CAL 6 prso-20240630_cal.xml XBRL CALCULATION FILE EX-101.DEF 7 prso-20240630_def.xml XBRL DEFINITION FILE EX-101.LAB 8 prso-20240630_lab.xml XBRL LABEL FILE Rule 10b5-1 Arrangement Modified Non-Rule 10b5-1 Arrangement Modified Total current assets Total assets Total current liabilities Total liabilities Total Liability Class of Stock [Axis] Total stockholdersâ€™ equity Balance Balance Total liabilities and stockholdersâ€™ equity Product and Service [Axis] Gross profit Total operating expenses Loss from operations Net loss Net loss Comprehensive loss Balance (in Shares) Balance (in Shares) Equity Components [Axis] Net cash used in operating activities Net cash provided by investing activities Net cash provided by financing activities Net increase in cash and cash equivalents Cash and cash equivalents at beginning of period Cash and cash equivalents at end of period The Company and Summary of Significant Accounting Policies [Abstract] Finite-Lived Intangible Assets by Major Class [Axis] Antidilutive Securities [Axis] Fair Value of Financial Instruments [Abstract] Fair Value Hierarchy and NAV [Axis] Balance Sheet Detail [Abstract] Schedule of Inventories [Abstract] Inventories total Inventories, net Schedule of Accrued Expenses and Other [Abstract] Total Severance and Software License Obligations [Abstract] Commitments and Contingencies [Abstract] Total right-of-use assets Total lease liabilities Lease liability Total future lease payments Business Segments, Concentration of Credit Risk and Significant Customers [Abstract] Geographical [Axis] Customer [Axis] Concentration Risk Benchmark [Axis] Concentration Risk Type [Axis] Supplier [Axis] Stock-Based Compensation [Abstract] Shares Available for Grant, Beginning Balance Shares Available for Grant, Ending Balance Number of Shares, Beginning Balance Number of Shares, Ending Balance Weighted Average Exercise Prices, Beginning Balance (in Dollars per share) Weighted Average Exercise Prices, Ending Balance (in Dollars per share) Number of Shares, Beginning balance Number of Shares, Ending balance Weighted Average Grant-Date Fair Value, Beginning balance Weighted Average Grant-Date Fair Value, Ending balance Statistical Measurement [Axis] Number of Shares, Beginning Balance Number of Shares, Ending Balance Warrant issued, Number of Shares WASO increased shares (in Shares) Exercise Price, Beginning Balance (in Dollars per share) Exercise Price, Ending Balance (in Dollars per share) Warrant issued, Exercise Price (in Dollars per share) Previously reported loss per share (in Dollars per share) Initial exercise price (in Dollars per share) Class of Warrant or Right [Axis] Warrants Classified as Liabilities [Abstract] Fair Value, beginning Fair Value, ending Warrant liabilities Liability Class [Axis] Measurement Input Type [Axis] Related Party Transactions [Abstract] License and Asset Sale Transaction [Abstract] Memory IC Product End-of-Life [Abstract] Subsequent Events [Abstract] ASSETS Assets: Current assets Cash and cash equivalents Accounts receivable, net Prepaid expenses and other Property and equipment, net Right-of-use lease assets Intangible assets, net Net Carrying Amount Other LIABILITIES AND STOCKHOLDERSâ€™ EQUITY Current liabilities Accounts payable Accrued expenses and other Deferred revenue Short-term lease liabilities Long-term lease liabilities Other long-term liabilities Commitments and contingencies (Note 5) Stockholdersâ€™ equity Preferred stock, value Preferred stock, par value (in Dollars per share) Preferred stock, shares authorized Preferred stock, shares issued Preferred stock, shares outstanding Common stock, $0.001 par value; 120,000 shares authorized; 2,706 shares and 673 shares issued and outstanding at June 30, 2024 and December 31, 2023, respectively Common stock, par value (in Dollars per share) Common stock, shares authorized Common stock, shares issued Common stock, shares outstanding Exchangeable shares, no par value; unlimited shares authorized; 87 shares and 95 shares outstanding at June 30, 2024 and December 31, 2023, respectively Exchangeable shares, par value (in Dollars per share) Exchangeable shares, shares authorized Exchangeable shares, shares outstanding Outstanding common stock (in Shares) Additional paid-in capital Accumulated deficit Net revenue Total net revenue Cost of net revenue Operating expenses Research and development Selling, general and administrative Severance and software license obligations Other income (expense), net Other comprehensive loss, net of tax: Net unrealized gain on available-for-sale-securities Unrealized gain on available-for-sale securities Net loss per share Basic (in Dollars per share) Diluted Shares used in computing net loss per share Basic (in Shares) Diluted Shares issued for reverse stock split Shares issued for reverse stock split (in Shares) Sale of common stock Sale of common stock (in Shares) Stock Issued During Period, Shares, New Issues Issuance of common stock upon exercise of warrants Issuance of common stock upon exercise of warrants (in Shares) Shares exercised Stock-based compensation Issuance of common stock under stock plan, net Issuance of common stock under stock plan, net (in Shares) Cash flows from operating activities: Adjustments to reconcile net loss to net cash used in operating activities: Depreciation and amortization Stock-based compensation Change in fair value of warrant liabilities Change in fair value of warrant liabilities Change in fair value of warrants, Fair Value Allowance for bad debt Changes in assets and liabilities Accounts payable Right-of-use assets Lease liabilities - operating Deferred revenue and other liabilities Cash flows from investing activities: Proceeds from maturities of marketable securities Cash flows from financing activities: Proceeds from sale of common stock and warrants, net Aggregate proceeds of common stock (in Dollars) Supplemental disclosure: Noncash investing and financing activities: Initial recognition of warrant liability Unrealized gain on available-for-sale securities Gain on license and asset sale Exchange of exchangeable shares Exchange of exchangeable shares (in Shares) Initial recognition of fair value of warrant liability Other Accounts receivable Inventories Prepaid expenses and other assets Purchases of property and equipment Taxes paid to net share settle equity awards Repayment of financing leases Series A Special Voting Preferred Stock Preferred Stock Product Product category [Member] Royalty and Other Series A Special Voting Common Stock Common Stock [Member] Exchangeable Shares Additional Paid-In Capital Accumulated Other Comprehensive Loss Accumulated Deficit The Company and Summary of Significant Accounting Policies Schedule of Intangible Assets Gross Carrying Amount Accumulated Amortization Schedule of Computation of Diluted Net Loss Per Share Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Fair Value of Financial Instruments Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis Money market funds Liabilities: Assets: Liabilities: Schedule of Determination of Fair Value for its Financial Assets Cost Unrealized Gains Fair Value Balance Sheet Detail Schedule of Inventories Inventories: Raw materials Work-in-process Finished goods Schedule of Accrued Expenses and Other Accrued Expenses and Other: Accrued wages and employee benefits Professional fees, legal and consulting Software license obligations (see Note 4) Severance benefits (see Note 4) Warranty accrual Other Severance and Software License Obligations Commitments and Contingencies Schedule of Lease Right-of-use assets: Operating leases Recognition of right-of-use asset Finance leases Lease liabilities: Operating leases Finance leases Cash paid for amounts included in the measurement of lease liabilities: Operating cash flows for leases Schedule of Future Minimum Payments 2024 2025 2026 2027 Present value of lease liabilities Business Segments, Concentration of Credit Risk and Significant Customers Schedule of Company Recognized Revenue Total net revenue Schedule of Breakdown of Product Revenue by Category Product category Schedule of Concentration of Credit Risk Concentration risk percentage Stock-Based Compensation Schedule of Options Outstanding Number of Shares, RSUs granted Weighted Average Exercise Prices, RSUs granted (in Dollars per share) Shares Available for Grant, RSUs cancelled and returned to the Plans Number of Shares, RSUs cancelled and returned to the Plans Weighted Average Exercise Prices, RSUs cancelled and returned to the Plans (in Dollars per share) Shares Available for Grant, Options cancelled Weighted Average Exercise Prices, Options cancelled (in Dollars per share) Schedule of RSU Activity Under Plans Number of Shares, Granted Weighted Average Grant-Date Fair Value, Granted Weighted Average Grant-Date Fair Value, Cancelled Weighted Average Grant-Date Fair Value, Vested Schedule of Significant Ranges of Outstanding and Exercisable Options Options Outstanding, Range of Exercise Price Options Outstanding, Number Outstanding (in Shares) Options Outstanding, Weighted Average Remaining Contractual Life (in Years) Options Outstanding, Weighted Average Exercise Price Options Exercisable, Number Exercisable (in Shares) Options Exercisable, Weighted Average Exercise Price Options Exercisable, Aggregate Intrinsic value (in Dollars) Equity Schedule of Equity-Classified Common Stock Purchase Warrants Outstanding Expiration, Beginning Balance Warrant issued, Expiration Date Number of Shares, Pre-funded warrants issued Exercise Price, Pre-funded warrants issued (in Dollars per share) Expiration, Pre-funded warrants issued Number of Shares, Pre-funded warrants exercised Exercise Price, Pre-funded warrants exercised (in Dollars per share) Expiration, Pre-funded warrants exercised Number of Shares, warrants issued Exercise Price, warrants issued (in Dollars per share) Expiration, warrants issued Expiration, Ending Balance Warrants Classified as Liabilities Schedule of Liability-Classified Warrants Outstanding Schedule of Fair Value of Warrants Change in fair value of warrants, Number of Shares Schedule of Black Scholes Model Warrant measurement input Related Party Transactions License and Asset Sale Transaction Memory IC Product End-of-Life Subsequent Events Other Impairment Unrealized Losses Less: imputed interest Shares Available for Grant, RSUs granted Number of Shares, Options cancelled Number of Shares, Cancelled Number of Shares, Vested Developed technology [Member] Developed Technology Rights [Member] Customer relationships [Member] Customer Relationships [Member] Other [Member] Escrow shares - exchangeable shares [Member] Escrow shares - common stock [Member] Options to purchase common stock [Member] Unvested restricted common stock units [Member] Warrants classified as equity [Member] Warrants Classified as Equity [Member] Warrants classified as liabilities [Member] Level 1 [Member] Level 2 [Member] Level 3 [Member] United States [Member] Hong Kong [Member] Taiwan [Member] Rest of world [Member] Memory ICs [Member] mmWave ICs [Member] mmWave modules [Member] mmWave other products [Member] Customer A [Member] Revenue Benchmark [Member] Customer Concentration Risk [Member] Customer B [Member] Customer C [Member] Customer D [Member] Customer E [Member] Accounts Receivable [Member] Accounts Payable [Member] Supplier Concentration Risk [Member] Vendor A [Member] Vendor B [Member] RSUs [Member] Restricted Stock Units (RSUs) [Member] $0.00 - $62.80 [Member] $62.81 - $599.60 [Member] $0.00 - $599.60 [Member] Minimum [Member] Maximum [Member] Series A warrants issued [Member] Series A warrants issued [Member] Series B warrants issued [Member] November 2022 [Member] June 2023 [Member] Lliability-Classified Warrants [Member] Warrants Outstanding [Member] Measurement Input, Expected Term [Member] Measurement Input, Risk Free Interest Rate [Member] Measurement Input, Price Volatility [Member] Measurement Input, Expected Dividend Rate [Member] Measurement Input Fair value of warrants [Member] 2022 Purchase Warrant [Member] 2023 Purchase Warrant [Member] Nonmonetary Transaction Type [Axis] Indefinite-Lived Intangible Assets [Axis] Related and Nonrelated Parties [Axis] Scenario [Axis] Related Party Transaction [Axis] Segments [Axis] Plan Name [Axis] Vesting [Axis] Derivative Instrument [Axis] Title and Position [Axis] Net losses Accumulated deficit Net proceeds from common stock and warrants Percentage of specific allowance Allowance for doubtful accounts receivable Inventory write-downs Estimated useful lives Amortization Other amortization expense Revenue recognized Severance charges Contractual liabilities contractual liabilities Accounts payable and accrued expenses Other long-term liabilities Lease incentive Payment of first installment of incentive Credit against the rent payment Amount of pending lease incentive Percentage of lease assets and liabilities Right-of-use asset Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Operating Lease, Liability, Statement of Financial Position [Extensible Enumeration] Finance Lease, Liability, Statement of Financial Position [Extensible Enumeration] Rent expense Related expenditures Operating segment Common stock reserved for issuance Vesting percentage Exceed period Vesting period Stock-based compensation expense Unamortized compensation cost of stock option Weighted average expected period over expense is to be recognized Unamortized compensation cost of restricted stock units Aggregate exchangeable shares Price per share (in Dollars per share) Percentage of exchangeable shares Voting power percentage Additional shares of common stock Warrants to purchase Proceeds from warrants (in Dollars) Percentage of warrants to the extent Exercise price (in Dollars per share) Percentage fair value volatility Payment to employee Company paid Closing transaction Gain on this transaction Non-cancelable purchase orders from customers Liquidity and Going Concern Basis of Presentation Risks and Uncertainties Use of Estimates Cash Equivalents and Investments Fair Value Measurements Derivatives and Liability-Classified Instruments Allowance for Doubtful Accounts Inventories Intangible and Long-lived Assets Purchased Intangible Assets Revenue Recognition Cost of Net Revenue Stock-Based Compensation Foreign Currency Transactions Per-Share Amounts Recently Issued Accounting Pronouncements Inventory Exchanges [Member] Weighted Average [Member] Per-Share Amounts [Member] Liability [Member] Forecast [Member] Markham landlord [Member] Toronto lease [Member] License [Member] Stock Incentive Plan 2019 [Member] Share-Based Payment Arrangement, Tranche One [Member] Stock Option [Member] Pre-funded Warrants [Member] Series A Common Stock [Member] Series B Common Stock [Member] Series A Warrants [Member] Series B Warrants [Member] Series A warrants and Series B warrants [Member] Board [Member] Purchase Agreement [Member] Warrant [Member] Class of Stock [Domain] Statement [Table] Statement [Line Items] Product and Service [Domain] Equity Component [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Intangible Asset, Finite-Lived [Table] Schedule of Intangible Assets [Line Items] Antidilutive Securities, Name [Domain] Antidilutive Security, Excluded EPS Calculation [Table] Schedule of Computation of Diluted Net Loss Per Share [Line Items] Fair Value Hierarchy and NAV [Domain] Fair Value of Financial Instruments (Details) - Schedule of Assets and Liabilities 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Amount of pending lease incentive. Expiration, Ending Balance. 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. Percentage of exchangeable shares. Exercise Price, Pre-funded warrants exercised. Exercise Price, warrants issued. Amount of increase (decrease) in right-of-use assets. Initial recognition of warrant liability. Amount of issuance of common stock under stock plan net. Number of issuance of common stock under stock plan net. The amount of lease liabilities. Short-term lease liabilities. Long-term lease liabilities. Amount of lease liability. Amount of lessee's undiscounted obligation for lease payment for operating and financing 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). Amount of lessee's undiscounted obligation for lease payment for operating and financing 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). Amount of lessee's undiscounted obligation for lease payment for operating and financing 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). Amount of lessee's undiscounted obligation for lease payment for operating and financing 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). Amount of lessee's undiscounted obligation for lease payment for operating lease and financing 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). Amount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating and financing lease. The entire disclosure of accounting policies for liquidity and going concern. Common stock and warrants for net proceeds. Number of shares, RSUs cancelled and returned to the plans. Number of warrants on common shares, change in fair value of warrants. Percentage of fair value volatility. Percentage of warrants to the extent. Number of Shares, Pre-funded warrants exercised. Number of Shares, Pre-funded warrants issued. Exercise Price, Pre-funded warrants issued. Disclosure of accounting policy for purchased intangible assets. Right-of-use assets. Right-of-use lease assets. Risks and Uncertainties Policies Text Block. Number of Shares, warrants issued. Severance and software license obligations. Shares Available for Grant, Options cancelled. Shares Available for Grant, RSUs granted. Represent the number of options cancelled. Shares available for grant, RSUs cancelled and returned to the plans. Unrealized gain (loss) on available-for-sale securities. Voting power percentage. right-of-use assets lease liabilities Other Accounts Payable and Accrued Liabilities Assets [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures in Period Customer Relationships [Member] Earnings Per Share, Diluted Derivatives, Policy [Policy Text Block] Retained Earnings [Member] Lessee Operating And Financing Lease Liability Payments Due Next Twelve Months Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block] Weighted Average Number of Shares Outstanding, Basic Accrued Professional Fees, Current Unvested Restricted Common Stock Units Member Finite-Lived Intangible Assets, Net HONG KONG OCI, Debt Securities, Available-for-Sale, Unrealized Holding Gain (Loss), before Adjustment, after Tax Recorded Unconditional Purchase Obligation, Amount of Maturities and Sinking Fund Requirements Developed Technology Rights [Member] Lessee Operatingand Financing Lease Liability Payments Due Year Two 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TAIWAN Inventory Disclosure [Text Block] Preferred Stock, Shares Outstanding Fair Value, Inputs, Level 2 [Member] Prepaid Expense and Other Assets, Current Property, Plant and Equipment, Net Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Schedule Of Concentration Of Credit Risk Abstract Maximum [Member] UNITED STATES Common Stock, Shares Authorized Specific Allowance Share Based Compensation Arrangement By Share Based Payment Award Options Weighted Average Exercise Prices Options Cancelledin Dollars Per Share Finance Lease, Liability, Statement of Financial Position [Extensible Enumeration] Revenue from Contract with Customer, Including Assessed Tax Accounts Receivable [Policy Text Block] Preferred Stock [Member] Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant Schedule of Accrued Liabilities [Table Text Block] Share-Based Payment Arrangement, Expense Increase (Decrease) in Operating Capital [Abstract] Net Cash Provided by (Used in) Financing Activities [Abstract] Additional Paid-in Capital [Member] Class of Warrant or Right, Number of Securities Called by Warrants or Rights Warrants Outstanding Member Net Proceeds From Common Stock And Warrants Net Cash Provided by (Used in) Investing Activities [Abstract] Memory ICProduct Endof Life Text Block Purchase Agreement Member Lessee Operatingand Financing Lease Liability Undiscounted Excess Amount Options To Purchase Common Stock Member Program Rights Obligations Finance Lease, Principal Payments Liquidity And Going Concern Policy Text Block Contract with Customer, Liability, Revenue Recognized Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Excluding Exchange Rate Effect Escrow Shares Exchangeable Shares Member Depreciation, Depletion and Amortization, Nonproduction Significant Accounting Policies [Text Block] Increase Decrease In Rightofuse Assets Conversion of Stock, Amount Converted Unlabeled Abstract3 Unlabeled Abstract2 Unlabeled Abstract5 Unlabeled Abstract4 Stock Issued During Period, Shares, Reverse Stock Splits AOCI Attributable to Parent [Member] Unlabeled Abstract1 Unlabeled Abstract0 Schedule of Finite-Lived Intangible Assets [Table Text Block] Percentage Of Fair Value Volatility Unlabeled Abstract6 Common Stock, Capital Shares Reserved for Future Issuance Comprehensive Income (Loss), Net of Tax, Attributable to Parent Fair Value, Inputs, Level 3 [Member] Sale and Leaseback Transaction, Gain (Loss), Net Non Rule10b51 Arr Modified Flag Related Party Transactions Disclosure [Text Block] Two Zero Two Two Purchase Warrant Member Asset Acquisition [Text Block] Net Cash Provided by (Used in) Operating Activities Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value Unrealized Gainloss On Availableforsale Securities Other Liabilities Disclosure [Text Block] Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Lessee Operating And Financing Lease Liability Payments Reminder Fiscal Year Memory ICs Member Severance Costs Money Market Funds, at Carrying Value Exchangeable Common Stock Value Warrants Classified As Equity Member Weighted Average [Member] Equity Option [Member] Fair Value, Inputs, Level 1 [Member] Operating Lease, Right-of-Use Asset, Periodic Reduction Series AWarrants And Series BWarrants Member Finite-Lived Intangible Assets, Gross Equity, Attributable to Parent Measurement Input, Expected Dividend Rate [Member] Series AWarrants Issued Member Cash and Cash Equivalents, Policy [Policy Text Block] Contractual Obligation Fair Value Adjustment of Warrants Measurement Input Fair Value Of Warrants Member Operating Lease, Liability [Abstract] Lessee, Operating Lease, Discount Rate Proceeds from Customers Antidilutive Securities Excluded from Computation 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Warrants Issued Cash Flow, Operating Activities, Lessee [Abstract] Operating Expenses Statement of Financial Position [Abstract] Supplier Concentration Risk [Member] Cash and Cash Equivalents, at Carrying Value Risks And Uncertainties Policy Text Block Schedule Of Liability Classified Warrants Outstanding Abstract Equity [Abstract] Shares Issued, Price Per Share Finance Lease, Liability Schedules of Concentration of Risk, by Risk Factor [Table Text Block] Series BWarrants Member Schedule Of Company Recognized Revenue Abstract Research, Development, and Computer Software Disclosure [Text Block] Increase (Decrease) in Accounts Receivable Proceeds from Issuance of Common Stock Conversion of Stock, Shares Issued Accrued Liabilities, Current [Abstract] Other Comprehensive Income (Loss), Net of Tax [Abstract] Liabilities [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period Asset Acquisition, Consideration Transferred, Equity Interest Issued and Issuable Extended Product Warranty Accrual Share-Based Payment Arrangement, Noncash Expense Initial Recognition Of Warrant Liability mm Wave Modules Member Issuance Of Common Stock Under Stock Plan Netin Shares Series BCommon Stock Member Other Depreciation and Amortization Schedule Of Determination Of Fair Value For Its Financial Assets Abstract Inventory, Net Number of Operating Segments Payments for Rent Use of Estimates, Policy [Policy Text Block] Commitments and Contingencies Series A Preferred Stock [Member] Common Stock, Value, Issued Product [Member] Proceeds from Issuance of Warrants Business Segments Concentration Of Credit Risk And Significant Customers Text Block Share-Based Payment Arrangement, Option, Exercise Price Range, Outstanding, Weighted Average Remaining Contractual Term Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Supplemental Unemployment Benefits, Severance Benefits Incentive to Lessee Weighted Average Number of Shares Outstanding, Basic [Abstract] Operating Lease, Payments Increase (Decrease) in Prepaid Expense and Other Assets Rule10b51 Arr Modified Flag Schedule Of Rsu Activity Under Plans Abstract Number Of Shares RSUs Cancelled And Returned To The Plansin Dollars Per Share Warrants Issued November Two Zero Two Two Member Stock Issued During Period, Value, New Issues Common Stock Warrants Member Share-Based Payment Arrangement, Option, Exercise Price Range [Table Text Block] Statement of Stockholders' Equity [Abstract] Basis of Accounting, Policy [Policy Text Block] Increase (Decrease) in Operating Lease Liability Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Grants in Period, Weighted Average Exercise Price Amortization of Intangible Assets Income Statement [Abstract] Series BWarrants Issued Member Purchased Intangible Assets Policy Text Block New Accounting Pronouncements, Policy [Policy Text Block] Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Outstanding And Exercisable Options One Member Inventory, Raw Materials, Gross Share-Based Payment Arrangement, Option, Exercise Price Range, Lower Range Limit Gain (Loss) on Sale of Assets and Asset Impairment Charges Earnings Per Share, Basic Issuance Of Common Stock Under Stock Plan Net Debt Securities, Available-for-Sale Other Noncash Income (Expense) Revenues [Abstract] Assets Liabilities Research and Development Expense Accounts Receivable [Member] Subsequent Events [Text Block] Schedule Of Black Scholes Model Abstract Share-Based Payment Arrangement, Nonvested Award, Option, Cost Not yet Recognized, Amount Customer CMember Cost of Goods and Service [Policy Text Block] Share Based Compensation Arrangement By Share Based Payment Award Options Shares Available For Grant RSUs Granted Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Schedule Of Assets And Liabilities Measured At Fair Value On ARecurring Basis Abstract Increase (Decrease) in Inventories Finite-Lived Intangible Asset, Useful Life Warrants Issued June Two Zero Two Three Member Warrants and Rights Outstanding, Measurement Input Inventory, Policy [Policy Text Block] Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Expiration Prefunded Warrants Issued Prefundedwarrantsissued Net Cash Provided by (Used in) Financing Activities Accounts Payable, Current Accrued Employee Benefits, Current Customer EMember Markham Landlord Member Debt Securities, Available-for-Sale, Amortized Cost Voting Power Percentage Other Member Liability [Member] Finance Lease, Right-of-Use Asset, after Accumulated Amortization [Abstract] Warrant [Member] Revenue from Contract with Customer, Excluding Assessed Tax Accounts Receivable, Credit Loss Expense (Reversal) Lessee Operatingand Financing Lease Liability Payments Due Year Three Foreign Currency Transactions and Translations Policy [Policy Text Block] License [Member] Operating Income (Loss) Number Of Warrants On Common Shares Change In Fair Value Of Warrants Prefundedwarrantsexercised Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Operating Lease, Liability Accounts Receivable, Allowance for Credit Loss Stock Incentive Plan2019 Member Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Liabilities Abstract0 Series 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Lease, Liability, Statement of Financial Position [Extensible Enumeration] Net Investment in Lease, Allowance for Credit Loss Weighted Average Number of Shares Outstanding, Diluted Vendor AMember Gross Profit Fair Value Disclosures [Text Block] Lessee Operatingand Financing Lease Liability Payments Due Accounts Receivable, after Allowance for Credit Loss, Current Finite-Lived Intangible Assets, Accumulated Amortization Schedule Of Lease Abstract Exercise Price Warrants Issued Inventory, Work in Process, Gross mm Wave Other Products Member Customer BMember Assets, Current [Abstract] Exchangeable Shares Member Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Two Zero Two Three Purchase Warrant Member Share-Based Payment Arrangement, Option, Exercise Price Range, Outstanding, Weighted Average Exercise Price Liabilities, Current Increase (Decrease) in Accounts Payable Share-Based Payment Arrangement, Option, Exercise 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Exercise Price Range, Exercisable, Weighted Average Exercise Price Royalty And Other Member Per Share Amounts Member Liabilities and Equity Nonoperating Income (Expense) Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Outstanding And Exercisable Options Two Member Lliability Classified Warrants Member Preferred Stock, Par or Stated Value Per Share Operating Lease, Right-of-Use Asset Excess Stock, Shares Issued Assets, Current EX-101.PRE 9 prso-20240630_pre.xml XBRL PRESENTATION FILE XML 11 R1.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Cover - shares 6 Months Ended Jun. 30, 2024 Aug. 09, 2024 Document Information [Line Items] Â Â Document Type 10-Q Â Document Quarterly Report true Â Document Transition Report false Â Entity Interactive Data Current Yes Â Amendment Flag false Â Document Period End Date Jun. 30, 2024 Â Document Fiscal Year Focus 2024 Â Document Fiscal Period Focus Q2 Â Entity Information [Line Items] Â Â Entity Registrant Name PERASO INC. Â Entity Central Index Key 0000890394 Â Entity File Number 000-32929 Â Entity Tax Identification Number 77-0291941 Â Entity Incorporation, State or Country Code DE Â Current Fiscal Year End Date --12-31 Â Entity Current Reporting Status Yes Â Entity Shell Company false Â Entity Filer Category Non-accelerated Filer Â Entity Small Business true Â Entity Emerging Growth Company false Â Entity Contact Personnel [Line Items] Â Â Entity Address, Address Line One 2309 Bering Drive Â Entity Address, City or Town San Jose Â Entity Address, State or Province CA Â Entity Address, Postal Zip Code 95131 Â Entity Phone Fax Numbers [Line Items] Â Â City Area Code (408) Â Local Phone Number 418-7500 Â Entity Listings [Line Items] Â Â Title of 12(b) Security Common Stock, par value $0.001 per share Â Trading Symbol PRSO Â Security Exchange Name NASDAQ Â Entity Common Stock, Shares Outstanding Â 2,745,684 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 - 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 - 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: dei_DocumentInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType 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 - 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 - 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 - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType 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 - 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: dei_EntityContactPersonnelLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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 - 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: dei_EntityInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType 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 - 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: dei_EntityListingsLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType 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: dei_EntityPhoneFaxNumbersLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType 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 - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType 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 12 R2.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Balance Sheets - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Current assets Â Â Cash and cash equivalents $ 1,868 $ 1,583 Accounts receivable, net 1,460 731 Inventories, net 2,606 2,606 Prepaid expenses and other 810 620 Total current assets 6,744 5,540 Property and equipment, net 807 1,156 Right-of-use lease assets 441 615 Intangible assets, net 1,647 3,280 Other 120 123 Total assets 9,759 10,714 Current liabilities Â Â Accounts payable 2,318 2,448 Accrued expenses and other 2,213 611 Deferred revenue 797 1,105 Short-term lease liabilities 272 370 Total current liabilities 5,600 4,534 Long-term lease liabilities 235 349 Other long-term liabilities 261 Warrant liabilities 103 1,748 Total liabilities 6,199 6,631 Commitments and contingencies (Note 5) Stockholdersâ€™ equity Â Â Preferred stock, value Common stock, $0.001 par value; 120,000 shares authorized; 2,706 shares and 673 shares issued and outstanding at June 30, 2024 and December 31, 2023, respectively 3 1 Exchangeable shares, no par value; unlimited shares authorized; 87 shares and 95 shares outstanding at June 30, 2024 and December 31, 2023, respectively Additional paid-in capital 176,405 170,474 Accumulated deficit (172,848) (166,392) Total stockholdersâ€™ equity 3,560 4,083 Total liabilities and stockholdersâ€™ equity 9,759 10,714 Series A Special Voting Preferred Stock Â Â Stockholdersâ€™ equity Â Â Preferred stock, value 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. + ReferencesNo definition available. + Details Name: prso_ExchangeableCommonStockValue Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionShort-term lease liabilities. + ReferencesNo definition available. + Details Name: prso_LeaseLiabilitiesCurrent Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLong-term lease liabilities. + ReferencesNo definition available. + Details Name: prso_LeaseLiabilitiesNoncurrent Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionRight-of-use lease assets. + ReferencesNo definition available. + Details Name: prso_RightofuseLeaseAssets Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: debit 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 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 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 -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -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)(4)(iv)) -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 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 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)(i)) -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)(A)) -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)(iii)(B)) -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)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: 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 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: 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(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: 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 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 10: 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 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)(iii)) -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/1943274/2147481404/852-10-50-7 + 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 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 - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet 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 - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -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(20)) -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(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: 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)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: 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 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: 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 11: 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 12: 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 13: 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 14: 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 15: 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 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-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/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:

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-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) 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-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 - 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 - DefinitionAggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred 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(28)) -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)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_PreferredStockValue 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 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 X - DefinitionValue of outstanding derivative securities that permit the holder the right to purchase securities (usually equity) from the issuer at a specified price. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -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 (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_SeriesAPreferredStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 13 R3.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Balance Sheets (Parentheticals) - $ / shares shares in Thousands 6 Months Ended 12 Months Ended Jun. 30, 2024 Dec. 31, 2023 Preferred stock, par value (in Dollars per share) $ 0.01 $ 0.01 Preferred stock, shares authorized 20,000 20,000 Preferred stock, shares issued Preferred stock, shares outstanding Common stock, par value (in Dollars per share) $ 0.001 $ 0.001 Common stock, shares authorized 120,000 120,000 Common stock, shares issued 2,706 673 Common stock, shares outstanding 2,706 673 Exchangeable shares, par value (in Dollars per share) Exchangeable shares, shares authorized Unlimited Unlimited Exchangeable shares, shares outstanding 87 95 Series A Special Voting Preferred Stock Â Â Preferred stock, par value (in Dollars per share) $ 0.01 $ 0.01 Preferred stock, shares authorized 1 1 Preferred stock, shares issued 1 1 Preferred stock, shares outstanding 1 1 X - DefinitionFace amount per share of no-par value 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_CommonStockNoParValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of other common stock instruments held by shareholder, including, but not limited to, exchangeable shares. + ReferencesNo definition available. + Details Name: us-gaap_CommonStockOtherSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant 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 - DefinitionIndicates whether number of common shares permitted to be issued is unlimited. Acceptable value is "Unlimited". + 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_CommonStockSharesAuthorizedUnlimited Namespace Prefix: us-gaap_ Data Type: us-types:authorizedUnlimitedItemType Balance Type: na Period Type: duration 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 - DefinitionFace amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer. + 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(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) 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(28)) -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_PreferredStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt. + 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(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13 + Details Name: us-gaap_PreferredStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased. + 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(28)) -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 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 3: 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 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(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 5: 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_PreferredStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_SeriesAPreferredStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 14 R4.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Operations and Comprehensive Loss (Unaudited) - USD ($) shares in Thousands, $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Net revenue Â Â Â Â Total net revenue $ 4,238 $ 2,403 $ 7,054 $ 7,436 Cost of net revenue 1,887 1,795 3,397 4,901 Gross profit 2,351 608 3,657 2,535 Operating expenses Â Â Â Â Research and development 2,644 3,668 5,457 7,555 Selling, general and administrative 2,141 1,977 4,243 4,219 Severance and software license obligations 2,041 2,063 Gain on license and asset sale (406) Total operating expenses 6,826 5,645 11,763 11,368 Loss from operations (4,475) (5,037) (8,106) (8,833) Change in fair value of warrant liabilities 54 966 1,645 1,624 Other income (expense), net (4) (15) 5 (25) Net loss (4,425) (4,086) (6,456) (7,234) Other comprehensive loss, net of tax: Â Â Â Â Net unrealized gain on available-for-sale-securities 7 21 Comprehensive loss $ (4,425) $ (4,079) $ (6,456) $ (7,213) Net loss per share Â Â Â Â Basic (in Dollars per share) $ (1.88) $ (6.68) $ (2.75) $ (12.26) Shares used in computing net loss per share Â Â Â Â Basic (in Shares) 2,358 612 2,345 590 Product Â Â Â Â Net revenue Â Â Â Â Total net revenue $ 4,109 $ 2,235 $ 6,785 $ 7,123 Royalty and Other Â Â Â Â Net revenue Â Â Â Â Total net revenue $ 129 $ 168 $ 269 $ 313 X - DefinitionSeverance and software license obligations. + ReferencesNo definition available. + Details Name: prso_SeveranceAndSoftwareLicenseObligations Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration 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 aggregate cost of goods produced and sold and services rendered during the reporting period. + 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://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)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 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/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 7: 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 8: 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 9: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: 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 12: 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 13: 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 14: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B + Details Name: us-gaap_CostOfRevenue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration 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 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 - DefinitionAmount of expense (income) related to adjustment to fair value of warrant liability. + 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://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 13 -SubTopic 10 -Topic 480 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481766/480-10-25-13 + Details Name: us-gaap_FairValueAdjustmentOfWarrants Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of gain (loss) from the difference between the sale price or salvage price and the book value of an asset that was sold or retired, and gain (loss) from the write down of assets from their carrying value to fair value. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_GainLossOnSalesOfAssetsAndAssetImpairmentCharges Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit 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://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)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 9: 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(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: 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 11: 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 12: 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 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)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: 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 15: 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 16: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 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)(i)) -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)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: 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 21: 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 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)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: 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_GrossProfit 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 - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + 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(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense 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 - ReferencesNo definition available. + Details Name: us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, after tax and before adjustment, of unrealized holding gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). Excludes unrealized gain (loss) on investment in debt security measured at amortized cost (held-to-maturity) from transfer to available-for-sale. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11 + Details Name: us-gaap_OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodNetOfTax 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 - 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=prso_RoyaltyAndOtherMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 15 R5.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Operations and Comprehensive Loss (Unaudited) (Parentheticals) - $ / shares shares in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Income Statement [Abstract] Â Â Â Â Diluted $ (1.88) $ (6.68) $ (2.75) $ (12.26) Diluted 2,358 612 2,345 590 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 - ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementAbstract 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 XML 16 R6.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Stockholdersâ€™ Equity (Unaudited) - USD ($) shares in Thousands, $ in Thousands Series A Special Voting Preferred Stock Common Stock Exchangeable Shares Additional Paid-In Capital Accumulated Other Comprehensive Loss Accumulated Deficit Total Balance at Dec. 31, 2022 $ 164,879 $ (25) $ (149,597) $ 15,257 Balance (in Shares) at Dec. 31, 2022 357 228 Â Â Â Â Exchange of exchangeable shares Exchange of exchangeable shares (in Shares) Â 8 (8) Â Â Â Â Stock-based compensation 1,307 1,307 Unrealized gain on available-for-sale securities 14 14 Net loss (3,148) (3,148) Balance at Mar. 31, 2023 166,186 (11) (152,745) 13,430 Balance (in Shares) at Mar. 31, 2023 365 220 Â Â Â Â Balance at Dec. 31, 2022 164,879 (25) (149,597) 15,257 Balance (in Shares) at Dec. 31, 2022 357 228 Â Â Â Â Unrealized gain on available-for-sale securities Â Â Â Â 21 Net loss Â Â Â Â Â (7,234) Balance at Jun. 30, 2023 167,869 (4) (156,831) 11,034 Balance (in Shares) at Jun. 30, 2023 Â 555 143 Â Â Â Â Balance at Mar. 31, 2023 166,186 (11) (152,745) 13,430 Balance (in Shares) at Mar. 31, 2023 365 220 Â Â Â Â Sale of common stock 3,546 3,546 Sale of common stock (in Shares) Â 56 Â Â Â Â Â Exchange of exchangeable shares (3) (3) Exchange of exchangeable shares (in Shares) Â 77 (77) Â Â Â Â Issuance of common stock under stock plan, net (36) (36) Issuance of common stock under stock plan, net (in Shares) Â 4 Â Â Â Â Â Issuance of common stock upon exercise of warrants 19 19 Issuance of common stock upon exercise of warrants (in Shares) Â 53 Â Â Â Â Â Initial recognition of fair value of warrant liability (3,162) (3,162) Stock-based compensation 1,319 1,319 Unrealized gain on available-for-sale securities 7 7 Net loss (4,086) (4,086) Balance at Jun. 30, 2023 167,869 (4) (156,831) 11,034 Balance (in Shares) at Jun. 30, 2023 Â 555 143 Â Â Â Â Balance at Dec. 31, 2023 $ 1 170,474 (166,392) 4,083 Balance (in Shares) at Dec. 31, 2023 673 95 Â Â Â Â Shares issued for reverse stock split Â Shares issued for reverse stock split (in Shares) Â 52 Â Â Â Â Â Sale of common stock 3,431 3,431 Sale of common stock (in Shares) Â 563 Â Â Â Â Issuance of common stock upon exercise of warrants $ 1 1 Issuance of common stock upon exercise of warrants (in Shares) Â 1,001 Â Â Â Â Stock-based compensation 1,222 1,222 Net loss (2,031) Balance at Mar. 31, 2024 $ 2 175,127 (168,423) 6,706 Balance (in Shares) at Mar. 31, 2024 2,289 95 Â Â Â Â Balance at Dec. 31, 2023 $ 1 170,474 (166,392) 4,083 Balance (in Shares) at Dec. 31, 2023 673 95 Â Â Â Â Unrealized gain on available-for-sale securities Â Â Â Â Â Net loss Â Â Â Â Â (6,456) Balance at Jun. 30, 2024 $ 3 176,405 (172,848) 3,560 Balance (in Shares) at Jun. 30, 2024 Â 2,706 87 Â Â Â Â Balance at Mar. 31, 2024 $ 2 175,127 (168,423) 6,706 Balance (in Shares) at Mar. 31, 2024 2,289 95 Â Â Â Â Sale of common stock 127 127 Sale of common stock (in Shares) Â 100 Â Â Â Â Â Exchange of exchangeable shares Exchange of exchangeable shares (in Shares) Â 8 (8) Â Â Â Â Issuance of common stock under stock plan, net (4) (4) Issuance of common stock under stock plan, net (in Shares) Â 2 Â Â Â Â Â Issuance of common stock upon exercise of warrants $ 1 1 Issuance of common stock upon exercise of warrants (in Shares) Â 307 Â Â Â Â Â Stock-based compensation 1,155 1,155 Unrealized gain on available-for-sale securities Â Â Â Â Â Net loss (4,425) (4,425)

Balance at Jun. 30, 2024 $ 3 $ 176,405 $ (172,848) $ 3,560 Balance (in Shares) at Jun. 30, 2024 Â 2,706 87 Â Â Â Â X - DefinitionAmount of issuance of common stock under stock plan net. + ReferencesNo definition available. + Details Name: prso_IssuanceOfCommonStockUnderStockPlanNet Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionNumber of issuance of common stock under stock plan net. + ReferencesNo definition available. + Details Name: prso_IssuanceOfCommonStockUnderStockPlanNetinShares Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na 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 decrease in additional paid in capital (APIC) resulting from a stock split in which per-share par value or stated value is not changed proportionately. + 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-S99-1 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalStockSplit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit 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 - DefinitionThe value of the stock converted in a noncash (or part noncash) transaction. Noncash is defined as transactions during a period that do not result in cash receipts or cash payments in the period. "Part noncash" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period. + 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_ConversionOfStockAmountConverted1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe number of new shares issued in the conversion of stock in a noncash (or part noncash) transaction. Noncash is defined as transactions during a period that do not result in cash receipts or cash payments in the period. "Part noncash" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period. + 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_ConversionOfStockSharesIssued1 Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType 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, after tax and before adjustment, of unrealized holding gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). Excludes unrealized gain (loss) on investment in debt security measured at amortized cost (held-to-maturity) from transfer to available-for-sale. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11 + Details Name: us-gaap_OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares issued which are neither cancelled nor held in the treasury. + ReferencesNo definition available. + Details Name: us-gaap_SharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of new stock issued during the 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 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 7: 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_StockIssuedDuringPeriodSharesNewIssues Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionReduction in the number of shares during the period as a result of a reverse stock split. + 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/1943274/2147481112/505-10-50-2 + Details Name: us-gaap_StockIssuedDuringPeriodSharesReverseStockSplits Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType 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 X - DefinitionEquity impact of the value of new stock issued during the period. Includes shares issued in an initial public offering or a secondary public offering. + 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/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-4Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -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 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_StockIssuedDuringPeriodValueNewIssues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionValue of stock issued as a result of the exercise of stock options. + 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://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 4: 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 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_StockIssuedDuringPeriodValueStockOptionsExercised 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 17 R7.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Condensed Consolidated Statements of Cash Flows (Unaudited) - USD ($) $ in Thousands 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Cash flows from operating activities: Â Â Net loss $ (6,456) $ (7,234) Adjustments to reconcile net loss to net cash used in operating activities: Â Â Depreciation and amortization 1,983 1,713 Stock-based compensation 2,377 2,626 Change in fair value of warrant liabilities (1,645) (1,624) Allowance for bad debt (154) Other (7) (7) Changes in assets and liabilities Â Â Accounts receivable (729) 1,900 Inventories 189 Prepaid expenses and other assets (187) 485 Accounts payable (130) (702) Right-of-use assets 174 332 Lease liabilities - operating (144) (285) Deferred revenue and other liabilities 1,555 (813) Net cash used in operating activities (3,209) (3,574) Cash flows from investing activities: Â Â Purchases of property and equipment (91) Proceeds from maturities of marketable securities 500 Net cash provided by investing activities 409 Cash flows from financing activities: Â Â Proceeds from sale of common stock and warrants, net 3,559 3,570 Taxes paid to net share settle equity awards (4) (36) Repayment of financing leases (61) (51) Net cash provided by financing activities 3,494 3,483 Net increase in cash and cash equivalents 285 318 Cash and cash equivalents at beginning of period 1,583 1,828 Cash and cash equivalents at end of period 1,868 2,146 Noncash investing and financing activities: Â Â Initial recognition of warrant liability 3,162 Unrealized gain on available-for-sale securities $ 21 X - DefinitionAmount of increase (decrease) in right-of-use assets. + ReferencesNo definition available. + Details Name: prso_IncreaseDecreaseInRightofuseAssets Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionInitial recognition of warrant liability. + ReferencesNo definition available. + Details Name: prso_InitialRecognitionOfWarrantLiability Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionUnrealized gain (loss) on available-for-sale securities. + ReferencesNo definition available. + Details Name: prso_UnrealizedGainlossOnAvailableforsaleSecurities Namespace Prefix: prso_ 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 - 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 and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; excluding 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_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + 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://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense (income) related to adjustment to fair value of warrant liability. + 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://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 13 -SubTopic 10 -Topic 480 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481766/480-10-25-13 + Details Name: us-gaap_FairValueAdjustmentOfWarrants Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash outflow for principal payment on finance lease. + ReferencesReference 1: 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/1943274/2147478964/842-20-50-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-5 + Details Name: us-gaap_FinanceLeasePrincipalPayments 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 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 obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 912 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478345/912-310-45-11Reference 2: 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_IncreaseDecreaseInContractWithCustomerLiability 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 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 obligation for operating lease. + 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/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -SubTopic 20 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_IncreaseDecreaseInOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit 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 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 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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_NoncashInvestingAndFinancingItemsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (expense) included in net income that results in no cash inflow (outflow), classified as other. + 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/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OtherNoncashIncomeExpense 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 inflow from the additional capital contribution to the entity. + 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/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow associated with the aggregate amount received by the entity through sale or maturity of marketable securities (held-to-maturity or available-for-sale) during the period. + ReferencesNo definition available. + Details Name: us-gaap_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense (reversal of expense) for expected credit loss on accounts receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_ProvisionForDoubtfulAccounts 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 XML 18 R8.htm IDEA: XBRL DOCUMENT v3.24.2.u1 The Company and Summary of Significant Accounting Policies 6 Months Ended Jun. 30, 2024 The Company and Summary of Significant Accounting Policies [Abstract] Â The Company and Summary of Significant Accounting Policies NoteÂ 1. The Company and Summary of Significant Accounting Policies Â Peraso Inc., formerly known as MoSys, Inc. (the Company), was incorporated in California in 1991 and reincorporated in 2000 in Delaware. The Company is a fabless semiconductor company specializing in the development of millimeter wave (mmWave), which is generally described as the frequency band from 24 Gigahertz (GHz) to 300GHz, wireless technology. The Company derives revenue from selling its semiconductor devices and modules and performance of non-recurring engineering services. The Company also manufactures and sells high-performance memory semiconductor devices for a wide range of markets and receives royalties from licensees of its memory technology. Â On September 14, 2021, the Company and its subsidiaries, 2864552 Ontario Inc. (Callco) and 2864555 Ontario Inc. (Canco), entered into an Arrangement Agreement (the Arrangement Agreement) with Peraso Technologies Inc. (Peraso Tech), a corporation existing under the laws of the province of Ontario, to acquire all of the issued and outstanding common shares of Peraso Tech (the Peraso Shares), including those Peraso Shares to be issued in connection with the conversion or exchange of secured convertible debentures and common share purchase warrants of Peraso Tech, as applicable, by way of a statutory plan of arrangement (the Arrangement) under the Business Corporations Act (Ontario). On December 17, 2021, following the satisfaction of the closing conditions set forth in the Arrangement Agreement, the Arrangement was completed and, the Company changed its name to â€œPeraso Inc.â€ and began trading on the Nasdaq Stock Market (the Nasdaq) under the symbol â€œPRSO.â€ Â For accounting purposes, Peraso Tech, the legal subsidiary, was treated as the accounting acquirer and the Company, the legal parent, was treated as the accounting acquiree. The transaction was accounted for as a reverse acquisition in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 805, Business Combinations. Â The accompanying condensed consolidated financial statements of the Company have been prepared without audit. The condensed consolidated balance sheet as of December 31, 2023 has been derived from the audited consolidated financial statements at that date. Certain information and disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States (GAAP) have been condensed or omitted in accordance with the rulesÂ and regulations of the Securities and Exchange Commission (SEC). The information in this report should be read in conjunction with the Companyâ€™s consolidated financial statements and notes thereto included in its most recent annual report on FormÂ 10-K filed with the SEC. Â In the opinion of management, the accompanying unaudited condensed consolidated financial statements reflect all adjustments (consisting only of normal recurring adjustments) necessary to summarize fairly the Companyâ€™s financial position, results of operations and cash flows for the interim periods presented. The operating results for the three and six months ended June 30, 2024 are not necessarily indicative of the results that may be expected for the year ending December 31, 2024 or for any other future period. Â Liquidity and Going Concern Â The Company incurred net losses of approximately $6.5 million for the six months ended June 30, 2024 and $16.8 million for the year ended December 31, 2023 and had an accumulated deficit of approximately $173 million as of June 30, 2024. These and prior year losses have resulted in significant negative cash flows and have required the Company to raise substantial amounts of additional capital. To date, the Company has primarily financed its operations through multiple offerings of its equity and equity-linked securities and the issuance of convertible notes and loans to investors and affiliates. As disclosed in Note 8, in February 2024, the Company completed a public offering of its common stock and common stock purchase warrants for net proceeds of $3.4 million.Â The Company expects to continue to incur operating losses for the foreseeable future as it secures additional customers and continues to invest in the commercialization of its products. The Company will need to increase revenues substantially beyond levels that it has attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time. As a result of the Companyâ€™s expected operating losses and cash burn for the foreseeable future, as well as recurring losses from operations, if the Company is unable to raise sufficient capital through additional debt or equity arrangements, there will be uncertainty regarding the Companyâ€™s ability to maintain liquidity sufficient to operate its business effectively, which raises substantial doubt as to the Companyâ€™s ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements. In addition, the Companyâ€™s independent registered public accounting firm, in its report on the Companyâ€™s consolidated financial statements for the year ended December 31, 2023, expressed substantial doubt about the Companyâ€™s ability to continue as a going concern. These condensed consolidated financial statements do not include any adjustments that might result from this uncertainty. There can be no assurance that such additional capital, whether in the form of debt or equity financing, will be sufficient or available and, if available, that such capital will be offered on terms and conditions acceptable to the Company. If the Company is unsuccessful in these efforts, it will need to implement additional cost reduction strategies, which could further affect its near- and long-term business plan. These efforts may include, but are not limited to, reducing headcount and curtailing business activities. Â Basis of Presentation Â The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany transactions and balances have been eliminated in consolidation. The Companyâ€™s fiscal year ends on December 31 of each calendar year. Certain prior year amounts have been reclassified for consistency with the current period presentation. These reclassifications had no effect on the reported results of operations or cash flows. Â Reverse Stock Split Â On December 15, 2023, the Company filed a certificate of amendment to its amended and restated certificate of incorporation with the Secretary of State of the State of Delaware to effect a 1-for-40 reverse stock split of the Companyâ€™s shares of common stock. Further, on January 2, 2024, Canco filed a certificate of amendment to its amended and restated certificate of incorporation under the Ontario Business Corporations Act to effect a 1-for-40 reverse stock split of the outstanding exchangeable shares. Such amendments and ratio were previously approved by the Companyâ€™s stockholders and board of directors. Â As a result of the reverse stock split, which was effective for trading purposes on January 3, 2024, every 40 shares of the Companyâ€™s pre-reverse split outstanding common stock and exchangeable shares were combined and reclassified into one share of common stock. Proportionate voting rights and other rights of holders of common stock and exchangeable shares were not affected by the reverse stock split. Any fractional shares of common stock and exchangeable shares resulting from the reverse stock split were rounded up to the nearest whole share. All stock options and restricted stock units outstanding and common stock reserved for issuance under the Companyâ€™s equity incentive plans and warrants outstanding immediately prior to the reverse stock split were adjusted by dividing the number of affected shares of common stock by 40 and, as applicable, multiplying the exercise price by 40, as a result of the reverse stock split. All share and per-share amounts in these condensed consolidated financial statements have been restated to reflect the reverse stock split as if it had occurred at the beginning of the earliest period presented. Â Risks and Uncertainties Â The Company is subject to risks from, among other things, competition associated with the industry in general, other risks associated with financing, liquidity requirements, rapidly changing customer requirements, limited operating history, pandemics, wars and acts of terrorism and the volatility of public markets. The Company may be unable to access the capital markets, and additional capital may only be available to the Company on terms that could be significantly detrimental to its existing stockholders and to its business.Â Â Use of Estimates Â The preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses recognized during the reported period. Material estimates may include assumptions made in determining reserves for uncollectible receivables, inventory write-downs, impairment of long-term assets, valuation allowance on deferred tax assets, accruals for potential liabilities and assumptions made in valuing equity instruments and warrant liabilities. Actual results could differ from those estimates. Â Cash Equivalents and Investments Â The Company invests its cash in money market accounts, certificates of deposit, corporate debt, government-sponsored enterprise bonds and municipal bonds and considers all highly liquid debt instruments purchased with an original maturity of three months or less to be cash equivalents. Investments with original maturities greater than three months and remaining maturities less than one year are classified as short-term investments. Investments with remaining maturities greater than one year are classified as long-term investments. Management generally determines the appropriate classification of securities at the time of purchase. All securities are classified as available-for-sale. The Companyâ€™s available-for-sale short-term and long-term investments are carried at fair value, with the unrealized holding gains and losses reported in accumulated other comprehensive income (loss). Realized gains and losses and declines in the value judged to be other-than-temporary are included in the other income, net line item in the condensed consolidated statements of operations. The cost of securities sold is based on the specific identification method. Â Fair Value Measurements Â The Company measures the fair value of financial instruments using a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels: Â Level 1â€”Inputs used to measure fair value are unadjusted quoted prices that are available in active markets for the identical assets or liabilities as of the reporting date. Â Â Level 2â€”Pricing is provided by third party sources of market information obtained through the Companyâ€™s investment advisors, rather than models. The Company does not adjust for, or apply, any additional assumptions or estimates to the pricing information it receives from advisors. The Companyâ€™s LevelÂ 2 securities include cash equivalents and available-for-sale securities, which consisted primarily of certificates of deposit, corporate debt, and government agency and municipal debt securities from issuers with high-quality credit ratings. The Companyâ€™s investment advisors obtain pricing data from independent sources, such as StandardÂ & Poorâ€™s, Bloomberg and Interactive Data Corporation, and rely on comparable pricing of other securities because the LevelÂ 2 securities are not actively traded and have fewer observable transactions. The Company considers this the most reliable information available for the valuation of the securities. Â Level 3â€”Unobservable inputs that are supported by little or no market activity and reflect the use of significant management judgment are used to measure fair value. These values are generally determined using pricing models for which the assumptions utilize managementâ€™s estimates of market participant assumptions. The determination of fair value for LevelÂ 3 investments and other financial instruments involves the most management judgment and subjectivity. Â The carrying amounts of financial assets and liabilities, such as cash and cash equivalents, accounts receivable, accounts payable, and other payables, approximate their fair values because of the short maturity of these instruments. The carrying values of lease obligations and long-term financing obligations approximate their fair values because interest rates on these obligations are based on prevailing market interest rates. The Company measures the fair value of its warrant liabilities using Level 3 inputs.Â Derivatives and Liability-Classified Instruments Â The Company accounts for common stock warrants as either equity-classified or liability-classified instruments based on an assessment of the specific terms of the warrants and the guidance provided by the Financial Accounting Standards Board (FASB) in ASC 480, Distinguishing Liabilities from Equity (ASC 480) and ASC 815, Derivatives and Hedging (ASC 815). The assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Companyâ€™s own stock and whether the holders of the warrants could potentially require net cash settlement in a circumstance outside of the Companyâ€™s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period end date while the warrants are outstanding. Â Allowance for Doubtful Accounts Â The Company establishes an allowance for doubtful accounts to ensure that its trade receivables balances are not overstated due to uncollectibility. The Company performs ongoing customer credit evaluations within the context of the industry in which it operates and generally does not require collateral from its customers. A specific allowance of up to 100% of the invoice value is provided for any problematic customer balances. Delinquent account balances are written off after management has determined that the likelihood of collection is remote. The Company grants credit only to customers deemed creditworthy in the judgment of management. The allowance for doubtful accounts receivable was approximately $30,000 as of June 30, 2024 and December 31, 2023. Â Inventories Â The Company values its inventories at the lower of cost, which approximates actual cost on a first-in, first-out basis, or net realizable value. Costs of inventories primarily consisted of material and third party assembly costs. The Company records write-downs for estimated obsolescence or unmarketable inventories based upon assumptions about future demand and market conditions. If actual market conditions are less favorable than those expected by management, additional adjustments to inventory valuation may be required. Charges for obsolete and slow-moving inventories are recorded based upon an analysis of specific identification of obsolete inventory items and quantification of slow moving inventory items. The Company determined that it had excess and obsolete inventory, primarily related to its mmWave products, and recorded write-downs of inventory of approximately $629,000 during the six months ended June 30, 2023. No material write-downs of inventory were recorded during the six months ended June 30, 2024. If the Companyâ€™s recognition of excess or obsolete inventory is, or if its estimates of potential utility become, less favorable than currently expected, additional inventory write-downs may be required. During the three and six months ended June 30, 2024, the Company sold inventory with a value of approximately $81,000 that had been written down in 2023. Â Intangible and Long-lived Assets Â Intangible assets are recorded at cost and amortized on a straight-line method over their estimated useful lives of three to ten years. Amortization of developed technology and other intangibles directly related to the Companyâ€™s products is included in cost of net revenue, while amortization of customer relationships and other intangibles not associated with the Companyâ€™s products is included in selling, general and administrative expense in the condensed consolidated statements of operations. Â The Company regularly reviews the carrying value and estimated lives of its long-lived assets and finite-lived intangible assets to determine whether indicators of impairment may exist which warrant adjustments to carrying values or estimated useful lives. The determinants used for this evaluation include managementâ€™s estimate of the assetâ€™s ability to generate positive income from operations and positive cash flow in future periods as well as the strategic significance of the assets to the Companyâ€™s business objective. Should an impairment exist, the impairment loss would be measured based on the excess of the carrying amount of the long-lived asset group over the assetâ€™s fair value.Â Purchased Intangible Assets Â Intangible assets acquired in business combinations are accounted for based on the fair value of assets purchased and are amortized over the period in which economic benefit is estimated to be received. Intangible assets subject to amortization, including those acquired in business combinations were as follows (amounts in thousands): Â Â Â June 30, 2024Â Â Â GrossÂ Â Â Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(4,599)Â $1,127Â Customer relationshipsÂ Â 2,556Â Â Â (2,052)Â Â 504Â OtherÂ Â 186Â Â Â (170)Â Â 16Â TotalÂ $8,468Â Â $(6,821)Â $1,647Â Â Â Â December 31, 2023Â Â Â GrossÂ Â Â Â Â Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â OtherÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â ImpairmentÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(3,471)Â $â€”Â Â $2,255Â Customer relationshipsÂ Â 2,556Â Â Â (1,550)Â Â â€”Â Â Â 1,006Â OtherÂ Â 186Â Â Â (61)Â Â (106)Â Â 19Â TotalÂ $8,468Â Â $(5,082)Â $(106)Â $3,280Â Â Developed technology primarily consisted of MoSysâ€™ products that have reached technological feasibility and primarily relate to its memory semiconductor products and technology. The value of the developed technology was determined by discounting estimated net future cash flows of these products. Amortization related to developed technology of $0.6 million and $1.1 million for each of the three and six-month periods ended June 30, 2024, respectively, has been included in cost of net revenue in the condensed consolidated statements of operations and comprehensive loss. Â Customer relationships relate to the Companyâ€™s ability to sell existing and future versions of its products to MoSysâ€™ customers existing at the time of the arrangement. The fair value of the customer relationships was determined by discounting estimated net future cash flows from the customer relationships. Amortization related to customer relationships of $0.2 million and $0.5 million for each of the three and six month-periods ended June 30, 2024, respectively, has been included in selling, general and administrative expense in the condensed consolidated statements of operations and comprehensive loss. Â Other amortization expense was approximately $1,000 and $2,000 for each of the three and six-month periods ended June 30, 2024, respectively. Â At June 30, 2024, the Company has not identified any intangible asset impairments. However, current macroeconomic conditions, which have been impacted by inflation and other world unrest, could negatively impact the Companyâ€™s business and stock price and trigger the need to test for impairment. The Company will continue to evaluate for impairment indicators, as necessary, on a quarterly basis.Â Â Revenue Recognition Â The Company recognizes revenue in accordance with ASC Topic 606, Revenue from Contracts with Customers, and its amendments (ASC 606). As described below, the analysis of contracts under ASC 606 supports the recognition of revenue at a point in time, resulting in revenue recognition timing that is materially consistent with the Companyâ€™s historical practice of recognizing product revenue when title and risk of loss pass to the customer.Â The Company generates revenue primarily from sales of integrated circuits and antenna module products, performance of engineering services and licensing of its intellectual property. Revenues are recognized when control is transferred to customers in amounts that reflect the consideration the Company expects to be entitled to receive in exchange for those goods. Revenue recognition is evaluated through the following five steps: (i) identification of the contract, or contracts, with a customer; (ii) identification of the performance obligations in the contract; (iii) determination of the transaction price; (iv) allocation of the transaction price to the performance obligations in the contract; and (v) recognition of revenue when or as a performance obligation is satisfied. Â Product revenue Â Revenue is recognized when performance obligations under the terms of a contract with a customer are satisfied. The majority of the Companyâ€™s contracts have a single performance obligation to transfer products. Accordingly, the Company recognizes revenue when title and risk of loss have been transferred to the customer, generally at the time of shipment of products. Revenue is measured as the amount of consideration the Company expects to receive in exchange for transferring products and is generally based upon a negotiated, formula, list or fixed price. The Company sells its products both directly to customers and through distributors generally under agreements with payment terms typically 60 days or less. Â The Company may record an estimated allowance, at the time of shipment, for future returns and other charges against revenue consistent with the terms of sale. Â Royalty and other Â The Companyâ€™s licensing contracts typically provide for royalties based on the licenseeâ€™s use of the Companyâ€™s memory technology in its currently shipping commercial products. The Company estimates its royalty revenue in the calendar quarter in which the licensee uses the licensed technology. Payments are received in the subsequent quarter. The Company also generates revenue from licensing its technology. The Company recognizes license fees as revenue at the point of time when the control of the license has been transferred and the Company has no continuing performance obligations to the customer. Â Engineering services revenue Â Engineering and development contracts with customers generally contain a single performance obligation that is delivered over time. Revenue is recognized using an output method that is consistent with the satisfaction of the performance obligation as a measure of progress. Â Contract liabilities â€“ deferred revenue Â The Companyâ€™s contract liabilities consist of advance customer payments and deferred revenue. The Company classifies advance customer payments and deferred revenue as current or non-current based on the timing of when the Company expects to recognize revenue. As of June 30, 2024 and December 31, 2023, contract liabilities were in a current position and included in deferred revenue. Â During the six months ended June 30, 2024, the Company recognized approximately $513,000 of revenue that had been included in deferred revenue as of December 31, 2023. Â See Note 6 for disaggregation of revenue by geography. Â The Company does not have significant financing components, as payments from customers are typically due within 60 days of invoicing, and the Company has elected the practical expedient to not value financing components that are less than one year. Shipping and handling costs are generally incurred by the customer, and, therefore, are not recorded as revenue.Â Cost of Net Revenue Â Cost of net revenue consists primarily of direct and indirect costs of product sales, including amortization of intangible assets and depreciation of production-related fixed assets. Â Stock-Based Compensation Â The Company periodically issues stock options and restricted stock units to employees and non-employees. The Company accounts for such awards based on ASC 505 and ASC 718, whereby the value of the award is measured on the date of award and recognized as compensation expense on a straight-line basis over the vesting period. The fair value of the Companyâ€™s stock options is estimated using the Black-Scholes-Merton Option Pricing (Black Scholes) model, which uses certain assumptions related to risk-free interest rates, expected volatility, expected life of the options, and future dividends. Compensation expense is recorded based upon the value derived from the Black-Scholes model. The assumptions used in the Black-Scholes model could materially affect compensation expense recorded in future periods. Â Foreign Currency Transactions Â The functional currency of the Company is the U.S. dollar. All foreign currency transactions are initially measured and recorded in an entityâ€™s functional currency using the exchange rate on the date of the transaction. All monetary assets and liabilities are remeasured at the end of each reporting period using the exchange rate at that date. All non-monetary assets and related expense, depreciation or amortization are not subsequently remeasured and are measured using the historical exchange rate. An average exchange rate may be used to recognize income and expense items earned or incurred evenly over a period. Foreign exchange gains and losses resulting from the settlement of such transactions are recognized in the statement of operations, except for the gains and losses arising from the conversion of the carrying amount of the foreign currency denominated convertible preferred shares into the functional currency that are presented as adjustment to the net loss to arrive at net loss attributable to common stockholders. Â Per-Share Amounts Â Basic net loss per share is computed by dividing net loss for the period by the weighted-average number of exchangeable shares and shares of common stock outstanding (WASO) during the period. In addition, the Company includes the number of shares of common stock issuable upon exercise of pre-funded warrants as outstanding. Diluted net loss per share gives effect to all potentially dilutive exchangeable and common shares outstanding during the period. Potentially dilutive common shares consist of incremental exchangeable shares and shares of common stock issuable upon the achievement of escrow terms, exercise of stock options, vesting of stock awards and exercise of warrants. Â Â Prior to June 30, 2023, the Company excluded shares of common stock issuable upon exercise of pre-funded warrants from the computation of WASO. The pre-funded warrant shares are now included in the computation of WASO. Prior period amounts have been conformed to the current-period presentation. The impact of the change reduced the previously reported loss per share by $0.04, and increased WASO by approximately 4,000 shares for the three months ended June 30, 2023. The impact of the change reduced the previously reported loss per share by $0.63, and increased WASO by approximately 29,000 shares for the six months ended June 30, 2023, respectively. The reclassification had no impact on the Companyâ€™s net loss or cash flows for the three and six months ended June 30, 2023.Â The following table sets forth securities outstanding that were excluded from the computation of diluted net loss per share as their inclusion would be anti-dilutive (in thousands): Â Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Escrow shares - exchangeable sharesÂ Â 33Â Â Â 33Â Escrow shares - common stockÂ Â 13Â Â Â 13Â Options to purchase common stockÂ Â 34Â Â Â 37Â Unvested restricted common stock unitsÂ Â 10Â Â Â 24Â Warrants classified as equityÂ Â 8,094Â Â Â â€”Â Warrants classified as liabilitiesÂ Â 235Â Â Â 237Â TotalÂ Â 8,419Â Â Â 344Â Â Recently Issued Accounting Pronouncements Â In November 2023, the FASB issued ASU No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. ASU No. 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and it requires retrospective application to all prior periods presented in the financial statements. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements. Â In December 2023, the FASB issued

ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, which expands disclosures in an entityâ€™s income tax rate reconciliation table and disclosures regarding cash taxes paid both in the U.S. and foreign jurisdictions. The update will be effective for annual periods beginning after December 15, 2024. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements. Â Other recent authoritative guidance issued by the FASB (including technical corrections to the ASCs), the American Institute of Certified Public Accountants, and the Securities and Exchange Commission (the SEC) did not, or is not expected to, have a material impact on the Companyâ€™s consolidated financial statements and related disclosures.Â 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 19 R9.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value of Financial Instruments 6 Months Ended Jun. 30, 2024 Fair Value of Financial Instruments [Abstract] Â Fair Value of Financial Instruments NoteÂ 2. Fair Value of Financial Instruments Â The following tables represent the Companyâ€™s assets and liabilities measured at fair value on a recurring basis and the basis for that measurement (in thousands): Â Â Â JuneÂ 30, 2024Â Â Â Fair ValueÂ Â Level 1Â Â Level 2Â Â Level 3Â Assets:Â Â Â Â Â Â Â Â Â Â Â Â Money market funds (1)Â $1Â Â $â€”Â Â $â€”Â Â Â Â Â Â Â Â Â Â Â Â Â Â Liabilities:Â Â Â Â Â Â Â Â Â Â Â Â Warrant liabilitiesÂ $103Â Â $â€”Â Â $â€”Â Â $103Â Â Â DecemberÂ 31, 2023Â Â Â Fair ValueÂ Â Level 1Â Â Level 2Â Â Level 3Â Assets:Â Â Â Â Â Â Â Â Â Â Â Â Money market funds (1)Â $1Â Â $â€”Â Â $â€”Â Â $â€”Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Liabilities:Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Warrant liabilitiesÂ $1,748Â Â $â€”Â Â $â€”Â Â $1,748Â Â (1) Amounts are included in cash and cash equivalents on the condensed consolidated balance sheets. Â The following tables represent the Companyâ€™s determination of fair value for its financial assets (cash equivalents) (in thousands): Â Â Â JuneÂ 30, 2024Â Â Â Â Â Â UnrealizedÂ Â UnrealizedÂ Â FairÂ Â Â CostÂ Â GainsÂ Â LossesÂ Â ValueÂ Cash and cash equivalentsÂ $1,868Â Â $â€”Â Â $â€”Â Â $1,868Â Â Â Â DecemberÂ 31, 2023Â Â Â Â Â Â UnrealizedÂ Â UnrealizedÂ Â FairÂ Â Â CostÂ Â GainsÂ Â LossesÂ Â ValueÂ Cash and cash equivalentsÂ $1,583Â Â $â€”Â Â $â€”Â Â $1,583Â 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 20 R10.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Balance Sheet Detail 6 Months Ended Jun. 30, 2024 Balance Sheet Detail [Abstract] Â Balance Sheet Detail Note 3. Balance Sheet Detail Â Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Â Â (in thousands)Â Inventories:Â Â Â Â Â Â Raw materialsÂ $192Â Â $209Â Work-in-processÂ Â 1,380Â Â Â 1,517Â Finished goodsÂ Â 1,034Â Â Â 880Â Â Â $2,606Â Â $2,606Â Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Â Â (in thousands)Â Accrued Expenses and Other:Â Â Â Â Â Accrued wages and employee benefitsÂ $444Â Â $405Â Professional fees, legal and consultingÂ Â 179Â Â Â 158Â Software license obligations (see Note 4)Â Â 1,015Â Â Â â€”Â Severance benefits (see Note 4)Â Â 419Â Â Â â€”Â Warranty accrualÂ Â 28Â Â Â 37Â OtherÂ Â 128Â Â Â 11Â Â Â $2,213Â Â $611Â X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContent + Details Name: us-gaap_InventoryDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R11.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Severance and Software License Obligations 6 Months Ended Jun. 30, 2024 Severance and Software License Obligations [Abstract] Â Severance and Software License Obligations NoteÂ 4. Severance and Software License Obligations Â On November 7, 2023, the Company implemented an employee lay-off and terminated certain consulting positions (the â€œReductionsâ€) to reduce operating expenses and cash burn, as the Company prioritized business activities and projects that it believes will have a higher return on investment. As part of the Reductions, the Company implemented a temporary lay-off that impacted 16 employees (the â€œEmployeesâ€) of Peraso Tech. The employment of one Employee was terminated during the three months ended March 31, 2024. During the three months ended June 30, 2024, the Company determined that it would not recall any of the 10 Employees that remained on the Companyâ€™s payroll and commenced notifying the remaining Employees that their employment would be terminated. As a result of the terminations, the Company recorded severance charges of approximately $424,000 and $446,000 for the three and six months ended June 30, 2024, respectively, and recorded a liability for severance costs of $419,000 at June 30, 2024. The severance costs are expected to be paid over the next 13 months.Â As a result of the decision to not recall the Employees, the Company determined that it was probable that a number of its non-cancelable licenses for computer-aided design software would not be utilized during the remaining license terms. During the three months ended June 30, 2024, the Company expensed the value of the remaining contractual liabilities and certain prepaid amounts totaling approximately $1,617,000 and recorded liabilities totaling approximately $1,533,000, which are expected to be paid through September 30, 2025. As of June 30, 2024, the current portion of the remaining contractual liabilities of $257,000 and $1,015,000 are included in accounts payable and accrued expenses and other, respectively (see Note 3), and the non-current portion of $261,000 is included in other long-term liabilities. X - ReferencesNo definition available. + Details Name: us-gaap_ResearchAndDevelopmentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for research, development, and computer software activities, including contracts and arrangements to be performed for others and with federal government. Includes costs incurred (1) in a planned search or critical investigation aimed at discovery of new knowledge with the hope that such knowledge will be useful in developing a new product or service, a new process or technique, or in bringing about a significant improvement to an existing product or process; or (2) to translate research findings or other knowledge into a plan or design for a new product or process or for a significant improvement to an existing product or process whether intended for sale or the entity's use, during the reporting period charged to research and development projects, including the costs of developing computer software up to the point in time of achieving technological feasibility and in-process research and development acquired in a business combination consummated during the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/985-20/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483041/730-20-50-1 + Details Name: us-gaap_ResearchDevelopmentAndComputerSoftwareDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 22 R12.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies 6 Months Ended Jun. 30, 2024 Commitments and Contingencies [Abstract] Â Commitments and Contingencies NoteÂ 5. Commitments and Contingencies Â Leases Â The Company has operating leases for its corporate headquarters facility in San Jose, California and facilities in Toronto and Markham, Ontario, Canada and recognizes lease expense on a straight-line basis over the respective lease terms. Â In November 2023, the Company renewed the San Jose facility lease for a one-year term, which commenced January 15, 2024 (the Renewal Term), and, effective with the commencement of the Renewal Term, the Company ceased accounting for the lease under ASC 842. In December 2023, the Company renewed the Toronto office lease for a reduced amount of square footage for a one-year term, which commenced January 1, 2024. In May 2022, the Company entered into a lease for the facility in Markham with a 60-month term, which commenced June 21, 2022. The Markham landlord also provided a lease incentive of approximately $286,200 (the Incentive). In 2023, the Company received payment of $143,100 from the Markham landlord of the first installment of the Incentive. The remaining balance of the Incentive is paid to the Company in the form of an adjustment to rent during the last three months of each year during the remaining lease term. During 2023, a credit of $35,775 was made against the rent during the three months ended December 31, 2023. As of June 30, 2024, the pending Incentive to be received was $107,325. Â Upon the renewal of the Toronto lease in December 2023, the Company recognized a right-of-use asset of approximately $137,700. The discount rate used to measure the lease assets and liabilities for the renewal was 8%. Â The initial right-of-use asset and corresponding liability of approximately $1.0 million for the Markham facility lease were measured at the present value of the future minimum lease payments. The discount rate used to measure the lease assets and liabilities was 8%. Â On March 1, 2022, the Company entered into a 36-month finance lease agreement for the lease of equipment resulting in the recognition of a right-of-use asset and lease liability of approximately $274,000. Â On November 1, 2022, the Company entered into a 36-month finance lease agreement for the lease of equipment resulting in the recognition of a right-of-use asset of approximately $124,000 and lease liability of approximately $117,000.Â The following table provides the details of right-of-use assets and lease liabilities as of June 30, 2024 (in thousands): Â Right-of-use assets:Â Â Â Operating leasesÂ $316Â Finance leasesÂ Â 125Â Total right-of-use assetsÂ $441Â Lease liabilities:Â Â Â Â Operating leasesÂ $381Â Finance leasesÂ Â 126Â Total lease liabilitiesÂ $507Â Â Â Future minimum payments under the leases at June 30, 2024 are listed in the table below (in thousands): Â Year ending December 31,Â Â Â 2024Â $190Â 2025Â Â 163Â 2026Â Â 106Â 2027Â Â 99Â Total future lease paymentsÂ Â 558Â Less: imputed interestÂ Â (51) Present value of lease liabilitiesÂ $507Â Â The following table provides the details of supplemental cash flow information (in thousands): Â Â Â Six Months Ended June 30,Â Â Â 2024Â Â 2023Â Cash paid for amounts included in the measurement of lease liabilities:Â Â Â Â Â Â Operating cash flows for leasesÂ $211Â Â $403Â Â Rent expense was approximately $0.2 million for each of the three-month periods ended June 30, 2024 and 2023. Rent expense was approximately $0.3 million and $0.4 million for the six-month periods ended June 30, 2024 and 2023, respectively. In addition to the minimum lease payments, the Company is responsible for property taxes, insurance and certain other operating costs related to the leased facilities and equipment. Â Indemnification Â In the ordinary course of business, the Company enters into contractual arrangements under which it may agree to indemnify the counterparties from any losses incurred relating to breach of representations and warranties, failure to perform certain covenants, or claims and losses arising from certain events as outlined within the particular contract, which may include, for example, losses arising from litigation or claims relating to past performance. Such indemnification clauses may not be subject to maximum loss clauses. The Company has also entered into indemnification agreements with its officers and directors. No material amounts were reflected in the Companyâ€™s condensed consolidated financial statements for the three and six months ended June 30, 2024 and 2023 related to these indemnifications. Â The Company has not estimated the maximum potential amount of indemnification liability under these agreements due to the limited history of prior claims and the unique facts and circumstances applicable to each particular agreement. To date, the Company has not made any payments related to these indemnification agreements.Â Â Product Warranties Â The Company warrants certain of its products to be free of defects generally for a period of three years. The Company estimates its warranty costs based on historical warranty claim experience and includes such costs in cost of net revenues. Warranty costs were not material for the three and six months ended June 30, 2024 and 2023. Â Legal Matters Â The Company is not a party to any legal proceeding that the Company believes is likely to have a material adverse effect on its condensed consolidated financial position or results of operations. From time to time the Company may be subject to legal proceedings and claims in the ordinary course of business. These claims, even if not meritorious, could result in the expenditure of significant financial resources and diversion of management efforts. Â Purchase Obligations Â The Companyâ€™s primary purchase obligations include non-cancelable purchase orders for inventory. At June 30, 2024, the Company had outstanding non-cancelable purchase orders for inventory, primarily wafers and substrates, and related expenditures of approximately $2.9 million. As disclosed in Note 4, as of June 30, 2024, the Company recorded liabilities of approximately $1.6 million for non-cancelable license commitments for computer-aided design software. 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 23 R13.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Business Segments, Concentration of Credit Risk and Significant Customers 6 Months Ended Jun. 30, 2024 Business Segments, Concentration of Credit Risk and Significant Customers [Abstract] Â Business Segments, Concentration of Credit Risk and Significant Customers NoteÂ 6. Business Segments, Concentration of Credit Risk and Significant Customers Â The Company determined its reporting units in accordance with ASC 280, Segment Reporting (ASC 280). Management evaluates a reporting unit by first identifying its operating segments under ASC 280. The Company then evaluates each operating segment to determine if it includes one or more components that constitute a business. If there are components within an operating segment that meet the definition of a business, the Company evaluates those components to determine if they must be aggregated into one or more reporting units. If applicable, when determining if it is appropriate to aggregate different operating segments, the Company determines if the segments are economically similar and, if so, the operating segments are aggregated. Â Management has determined that the Company has one consolidated operating segment. The Companyâ€™s reporting segment reflects the manner in which its chief operating decision maker reviews results and allocates resources. The Companyâ€™s reporting segment meets the definition of an operating segment and does not include the aggregation of multiple operating segments. Â The Company recognized revenue from shipments of product, licensing of its technologies and performance of services to customers by geographical location as follows (in thousands): Â Â Â Three Months EndedÂ Â Six Months EndedÂ Â Â JuneÂ 30,Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â United StatesÂ $3,308Â Â $1,421Â Â $5,539Â Â $4,510Â Hong KongÂ Â 234Â Â Â 147Â Â Â 446Â Â Â 293Â TaiwanÂ Â 71Â Â Â 562Â Â Â 161Â Â Â 1,991Â Rest of worldÂ Â 625Â Â Â 273Â Â Â 908Â Â Â 642Â Total net revenueÂ $4,238Â Â $2,403Â Â $7,054Â Â $7,436Â Â The following is a breakdown of product revenue by category (in thousands): Â Â Â Three months Ended June 30,Â Â Six Months Ended JuneÂ 30,Â Product categoryÂ 2024Â Â 2023Â Â 2024Â Â 2023Â Memory ICsÂ $3,428Â Â $1,616Â Â $5,811Â Â $3,831Â mmWave ICsÂ Â 127Â Â Â 559Â Â Â 204Â Â Â 2,004Â mmWave modulesÂ Â 553Â Â Â 60Â Â Â 757Â Â Â 1,284Â mmWave other productsÂ Â 1Â Â Â â€”Â Â Â 13Â Â Â 4Â Â Â $4,109Â Â $2,235Â Â $6,785Â Â $7,123Â Â The following table lists significant customers that represented more than 10% of the Companyâ€™s total revenue during each respective period: Â Â Â Three Months Ended June 30,Â Â Six Months Ended June 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Customer AÂ Â 55%Â Â *Â Â Â 53%Â Â 10% Customer BÂ Â 24%Â Â 46%Â Â 23%Â Â 27% Customer CÂ Â 12%Â Â *Â Â Â *Â Â Â *Â Customer DÂ Â *Â Â Â 23%Â Â *Â Â Â 26% Customer EÂ Â *Â Â Â *Â Â Â *Â Â Â 15% Â Â The following table lists significant customers that represented more than 10% of the Companyâ€™s net accounts receivable balance at each respective balance sheet date: Â Â Â Accounts ReceivableÂ Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Customer AÂ Â 24%Â Â 36% Customer BÂ Â 33%Â Â 33% Customer CÂ Â 33%Â Â *Â Customer DÂ Â *Â Â Â 14% Â The following table lists significant vendors that represented more than 10% of the Companyâ€™s total accounts payable balance at each respective balance sheet date: Â Â Â Accounts PayableÂ Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Vendor AÂ Â 33%Â Â 47% Vendor BÂ Â 12%Â Â 12% Â * Represents less than 10% X - ReferencesNo definition available. + Details Name: prso_BusinessSegmentsConcentrationOfCreditRiskAndSignificantCustomersTextBlock Namespace Prefix: prso_ Data Type: dtr: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 24 R14.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation 6 Months Ended Jun. 30, 2024 Stock-Based Compensation [Abstract] Â Stock-Based Compensation Note 7. Stock-Based Compensation Â Common Stock Equity Plans Â In 2010, the Company adopted the 2010 Equity Incentive Plan and later amended it in 2014, 2017 and 2018 (the Amended 2010 Plan). The Amended 2010 Plan was terminated in August 2019 and remains in effect as to outstanding equity awards granted prior to the date of expiration. No new awards may be made under the Amended 2010 Plan.Â In August 2019, the Companyâ€™s stockholders approved the 2019 Stock Incentive Plan (the 2019 Plan) to replace the Amended 2010 Plan. The 2019 Plan authorizes the board of directors or the compensation committee of the board of directors to grant a broad range of awards including stock options, stock appreciation rights, restricted stock, performance-based awards, and restricted stock units. Under the 2019 Plan, 4,563 shares were initially reserved for issuance. In November 2021, in connection with the approval of the Arrangement, the Companyâ€™s stockholders approved an amendment increasing the number of shares reserved for issuance under the 2019 Plan by 77,674 shares. Â Under the 2019 Plan, the term of all incentive stock options granted to a person who, at the time of grant, owns stock representing more than 10% of the voting power of all classes of the Companyâ€™s stock may not exceed five years. The exercise price of stock options granted under the 2019 Plan must be at least equal to the fair market value of the shares on the date of grant. Generally, awards under the 2019 Plan will vest over a three to four-year period, and options will have a term of 10 years from the date of grant. In addition, the 2019 Plan provides for automatic acceleration of vesting for options granted to non-employee directors upon a change of control of the Company. Â In connection with the Arrangement, the Company assumed the Peraso Technologies Inc. 2009 Share Option Plan (the 2009 Plan) and all outstanding options granted pursuant to the terms of the 2009 Plan. Each outstanding, unexercised and unexpired option under the 2009 Plan, whether vested or unvested, was assumed by the Company and converted into options to purchase shares of the Companyâ€™s common stock. No further awards will be made under the 2009 Plan.Â Â Â The 2009 Plan, the Amended 2010 Plan and the 2019 Plan are referred to collectively as the â€œPlans.â€ Â Stock-Based Compensation Expense Â The Company reflected compensation costs of $2.0 million and $2.1 million related to the vesting of stock options during each of the six-month periods ended June 30, 2024 and 2023, respectively. At June 30, 2024, the unamortized compensation cost was approximately $1.2 million related to stock options and is expected to be recognized as expense over a weighted average period of approximately 0.6 years. The Company reflected compensation costs of $0.4 million and $0.5 million related to the vesting of restricted stock units during each of the six-month periods ended June 30, 2024 and 2023, respectively. The unamortized compensation cost at June 30, 2024 was $0.5 million related to restricted stock units and is expected to be recognized as expense over a weighted average period of approximately 0.7 years. There were no stock options granted or exercised during the six months ended June 30, 2024 and 2023.Â Â Common Stock Options and Restricted Stock Â The term of all incentive stock options granted to a person who, at the time of grant, owns stock representing more than 10% of the voting power of all classes of the Companyâ€™s stock may not exceed five years. The exercise price of stock options granted under the 2019 Plan must be at least equal to the fair market value of the shares on the date of grant. Generally, options granted under the 2019 Plan will vest over a three to four-year period and have a term of 10 years from the date of grant. In addition, the 2019 Plan provides for automatic acceleration of vesting for options granted to non-employee directors upon a change of control (as defined in the 2019 Plan) of the Company.Â The following table summarizes the activity in the shares available for grant under the Plans during the three and six months ended June 30, 2024 and options outstanding as of June 30, 2024 (in thousands, except exercise price): Â Â Â Â Â Â Options OutstandingÂ Â Â Â Â Â Â Â Â WeightedÂ Â Â SharesÂ Â Â Â Â AverageÂ Â Â AvailableÂ Â Number ofÂ Â ExerciseÂ Â Â for GrantÂ Â SharesÂ Â PricesÂ Balance as of December 31, 2023Â Â 39Â Â Â 36Â Â $127.00Â RSUs grantedÂ Â (2)Â Â â€”Â Â Â â€”Â RSUs cancelled and returned to the 2019 PlanÂ Â 2Â Â Â â€”Â Â Â â€”Â Options cancelledÂ Â â€”Â Â Â (1)Â $147.64Â Balance as of March 31, 2024Â Â 39Â Â Â 35Â Â $126.70Â RSUs grantedÂ Â â€”Â Â Â â€”Â Â Â â€”Â RSUs cancelled and returned to the 2019 PlanÂ Â 3Â Â Â â€”Â Â Â â€”Â Options cancelledÂ Â â€”Â Â Â (1)Â $150.19Â Balance as of June 30, 2024Â Â 42Â Â Â 34Â Â $125.99Â Â A summary of RSU activity under the Plans is presented below (in thousands, except for fair value): Â Â Â Â Â Â WeightedÂ Â Â Â Â Â AverageÂ Â Â Number ofÂ Â Grant-DateÂ Â Â SharesÂ Â Fair ValueÂ Non-vested shares as of December 31, 2023Â Â 15Â Â $69.63Â GrantedÂ Â 2Â Â $1.55Â CancelledÂ Â (2)Â $53.54Â Non-vested shares as of March 31, 2024Â Â 15Â Â $62.04Â VestedÂ Â (5)Â $1.48Â Non-vested shares as of June 30, 2024Â Â 10Â Â $52.73Â Â The following table summarizes significant ranges of outstanding and exercisable options as of June 30, 2024 (in thousands, except contractual life and exercise price): Â Â Â Options OutstandingÂ Â Options ExercisableÂ Â Â Â Â Â WeightedÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â AverageÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â RemainingÂ Â WeightedÂ Â Â Â Â WeightedÂ Â Â Â Â Â Â Â Â ContractualÂ Â AverageÂ Â Â Â Â AverageÂ Â AggregateÂ Â Â NumberÂ Â LifeÂ Â ExerciseÂ Â NumberÂ Â ExerciseÂ Â IntrinsicÂ Range of Exercise PriceÂ OutstandingÂ Â (in Years)Â Â PriceÂ Â ExercisableÂ Â PriceÂ Â valueÂ $0.00 - $62.80Â Â 2Â Â Â 5.39Â Â $62.80Â Â Â Â Â Â Â Â Â Â Â Â 2Â Â $62.80Â Â $Â Â Â Â Â Â â€”Â $62.81 - $599.60Â Â Â Â Â Â Â Â Â 32Â Â Â 6.24Â Â $108.13Â Â Â 28Â Â $107.91Â Â $â€”Â $0.00 - $599.60Â Â 34Â Â Â 6.18Â Â $125.99Â Â Â 30Â Â $128.17Â Â $â€”Â 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 25 R15.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Equity 6 Months Ended Jun. 30, 2024 Equity [Abstract] Â Equity Note 8. Equity Â Exchangeable Shares and Preferred Stock Â As discussed in Note 1, on December 17, 2021, following the satisfaction of the closing conditions set forth in the Arrangement Agreement, the Arrangement was completed. Pursuant to the completion of the Arrangement, each Peraso Share that was issued and outstanding immediately prior to December 17, 2021 was converted into either newly issued shares of common stock of the Company or shares of Canco, which are exchangeable for shares of the Companyâ€™s common stock (Exchangeable Shares), at the election of each former Peraso Tech stockholder. Of the shares issued to the holders of Peraso Tech Shares, pursuant to the terms of the Agreement, the Company held in escrow an aggregate of 32,822 Exchangeable Shares and 12,564 shares of common stock (collectively, the Escrow Shares). The Escrow Shares are escrowed pursuant to the terms of an escrow agreement on a pro rata basis from the aggregate consideration received by the holders of Peraso Shares, subject to the offset by the Company for any losses in accordance with the Agreement. Such Escrow Shares shall be released, subject to any offset claim, upon the satisfaction of the earlier of: (a) any date following the first anniversary of December 17, 2021 and prior to December 17, 2024 where the volume weighted average price of the common stock for any 20 trading days within a period of 30 consecutive trading days is at least $342.80 per share, subject to adjustment for stock splits or other similar transactions; (b) the date of any sale of all or substantially all of the assets or shares of the Company; or (c) the date of any bankruptcy, insolvency, restructuring, receivership, administration, wind-up, liquidation, dissolution, or similar event involving the Company. All and any voting rights and other stockholder rights, other than with respect to dividends and distributions, with respect to the Escrow Shares are suspended until the Escrow Shares are released from escrow.Â The Exchangeable Share structure is commonly used for cross-border transactions of this nature so as to provide non-tax-exempt Canadian shareholders with the same economic rights and benefits as holders of the Companyâ€™s shares into which the Exchangeable Shares are exchangeable, while allowing those Canadian shareholders to benefit from the tax-rollover available on the issuance of the Exchangeable Shares. In general terms, by choosing to acquire Exchangeable Shares from Canco, such a former Peraso Tech shareholder was able to rely on a rollover rule in the Income Tax Act (Canada) in order to defer any capital gain that he/she/it would have otherwise realized. Â Callco was incorporated to exercise the call rights, while Canco was incorporated to acquire the shares of Peraso Tech from Canadian shareholders that wished to receive Exchangeable Shares as consideration, so it was a tax deferred transaction for such Canadian shareholders. The use of a separate entity, Callco, helps maximize cross border paid-up capital, which represents the amount that can generally be distributed free of Canadian withholding tax. The call rights also allow Callco to â€œpurchaseâ€ the Exchangeable Shares rather than having them redeemed by Canco on a redemption or retraction or in connection with a liquidity event, thus avoiding the adverse deemed dividend tax consequences to shareholders that may arise from a redemption or retraction of Exchangeable Shares. Â Holders of Exchangeable Shares have the right at any time (the Retraction Right) to retract or redeem any or all of the Exchangeable Shares owned by them for an amount per share equal to the market price of a share of the Companyâ€™s common stock plus the full amount of all declared and unpaid dividends on such Exchangeable Share (the Exchangeable Share Purchase Price). The Exchangeable Share Purchase Price is payable only by the Company delivering or causing to be delivered to the relevant holder one share of the Companyâ€™s common stock for each Exchangeable Share purchased plus a cash amount equal to the amount of any accrued and unpaid dividends on such Exchangeable Share. The Company and Callco each have an overriding right, in the event that a holder of Exchangeable Shares exercises its Retraction Right, to redeem from such holder all, but not less than all, of the Exchangeable Shares tendered for redemption. Â The Exchangeable Shares are subject to redemption by the Company, Callco and Canco at the Exchangeable Share Purchase Price, on the â€œRedemption Date,â€ which date shall be no earlier than the seventh anniversary of the date on which Exchangeable Shares are first issued, unless: (a) less than 10% of the aggregate number of Exchangeable Shares issued remain outstanding; (b) there is a change in control of the Company (defined generally as (i) any merger, amalgamation, arrangement, takeover bid or tender offer, material sale of shares or rights or interests that results in the holders of outstanding voting securities of the Company directly or indirectly owning, or exercising control or direction over, voting securities representing less than 50% of the total voting power of all of the voting securities of the surviving entity; or (ii) any sale or disposition of all or substantially all of the Companyâ€™s assets), and (c) upon the occurrence of certain other events. The Exchangeable Share Purchase Price is payable only by the Company delivering or causing to be delivered to the relevant holder one share of the Companyâ€™s common stock for each Exchangeable Share purchased plus a cash amount equal to the amount of any accrued and unpaid dividends on such Exchangeable Share. Â In the event of the liquidation, dissolution or winding-up of Canco, holders of Exchangeable Shares have the right to receive in respect of each Exchangeable Share held by such holder, an amount per share equal to the Exchangeable Share Purchase Price, which shall be satisfied in full by Canco by delivering to such holder one Company Share, plus an amount equal to the Dividend Amount. The Company and Callco each have an overriding right to purchase from all holders all but not less than all of the Exchangeable Shares upon the occurrence of such events.Â In addition, the Company and Callco have the right to purchase all outstanding Exchangeable Shares at the Exchangeable Share Purchase Price if there is a change of law that permits holders of Exchangeable Shares to exchange their Exchangeable Shares for shares of common stock on a basis that will not require holders to recognize any gain or loss or any actual or deemed dividend for Canadian tax purposes. Â The holders of Exchangeable Shares have an â€œautomatic exchange rightâ€ in the event of any insolvency, liquidation, dissolution or winding-up or in general, related proceedings, of the Company for an amount per share equal to the Exchangeable Share Purchase Price. Â It is expected that Callco will exercise its call rights, as that is more beneficial to the holders of the Exchangeable Shares. Once Callco acquires the Exchangeable Shares from a holder, it (Callco and the Company) is obligated to deliver the Company shares to the holder. Callco discharges this obligation by arranging for the Company to issue and deliver those shares to the holders on behalf of Callco. As consideration for satisfying the delivery obligation, Callco would issue its own shares to the Company. Â There are no cash redemption features, as all redemption and exchange scenarios are payable in a share of the Companyâ€™s common stock. Neither Canco, Callco, or the Company assume any tax liabilities of a former Peraso Tech shareholder who acquired Exchangeable Shares under the plan of arrangement. The purchase price computed upon the exercise of rights pertaining to retraction, redemption, or liquidation, or otherwise giving rise to a purchase or cancellation of an Exchangeable Share, will, in all cases, consist of a 1:1 exchange involving the Companyâ€™s common stock, regardless of the market price of a share of the Companyâ€™s common stock. Â In connection with the Arrangement, on December 15, 2021, the Company filed the Certificate of Designation of Series A Special Voting Preferred Stock (the Certificate) with the Secretary of State of the State of Delaware to designate Series A Special Voting Preferred Stock (the Special Voting Share) in accordance with the terms of the Arrangement Agreement in order to enable the holders of Exchangeable Shares to exercise their voting rights. The Special Voting Share was issued to a third-party administrative agent (the Agent) solely to facilitate the exercise of rights by holders of Exchangeable Shares. The rights of the Agent, as holder of the Special Voting Share, are limited to effecting the rights of the holders of the Exchangeable Shares; the Special Voting Share does not confer any independent rights to the Agent. Under the Certificate, when all of the Exchangeable Shares have been converted into shares of the Companyâ€™s common stock, the Special Voting Share shall be automatically cancelled and shall not be reissued. Each Exchangeable Share is exchangeable for one share of common stock of the Company and while outstanding, the Special Voting Share enables holders of Exchangeable Shares to cast votes on matters for which holders of the common stock are entitled to vote, and by virtue of the share terms relating to the Exchangeable Shares, enable the Exchangeable Shares to receive dividends that are economically equivalent to any dividends declared with respect to the shares of common stock. As the Special Voting Share does not participate in dividends (only the Exchangeable Shares participate in dividends) and is not entitled to participate in the residual interest of the Company, it is not classified as an equity instrument in the Companyâ€™s financial statements. Â The Exchangeable Shares, which can be converted into common stock at the option of the holder and have the same voting and dividend rights as common stock, are similar in substance to shares of common stock. Further, Canco and Callco are non-substantive entities, which are looked through with the Exchangeable Shares being, in substance, common stock of the Company. Therefore, the Exchangeable Shares have been included in the determination of outstanding common stock. The Special Voting Share was issued to a third-party administrative agent (the Agent) solely to facilitate the exercise of rights by holders of Exchangeable Shares. The rights of the Agent, as holder of the Special Voting Share, are limited to effecting the rights of the holders of the Exchangeable Shares; the Special Voting Share does not confer any independent rights to the Agent. Under the Certificate, when all of the Exchangeable Shares have been converted into shares of the Companyâ€™s common stock, the Special Voting Share shall be automatically cancelled and shall not be reissued.Â February 2024 Public Offering Â On February 6, 2024, the Company entered into an underwriting agreement (the Underwriting Agreement) with Ladenburg Thalmann & Co. Inc., as the sole underwriter (the Underwriter), relating to the issuance and sale in a public offering (the Offering) of: (i) 480,000 shares of common stock, (ii) pre-funded warrants to purchase up to 1,424,760 shares of common stock, (iii) Series A warrants to purchase up to 3,809,520 shares of common stock, (iv) Series B warrants to purchase up to 3,809,520 shares of common stock, and (v) up to 285,714 additional shares of common stock, Series A warrants to purchase up to 571,428 shares of common stock and Series B warrants to purchase up to 571,428 shares of common stock that may be purchased pursuant to a 45-day option to purchase additional securities granted to the Underwriter by the Company. The Underwriter partially exercised this option on February 7, 2024 for 82,500 shares of common stock, Series A warrants to purchase up to 165,000 shares of common stock and Series B warrants to purchase up to 165,000 shares of common stock. The combined public offering price of each share of common stock, together with the accompanying Series A warrants and Series B warrants, was $2.10, less underwriting discounts and commissions. The combined public offering price of each pre-funded warrant, together with the accompanying Series A warrants and Series B warrants, was $2.099, less underwriting discounts and commissions. Â The Offering, including the additional shares of common stock, Series A warrants and Series B warrants sold pursuant to the partial exercise of the Underwriterâ€™s option, closed on February 8, 2024. Â The net proceeds from the Offering, including the additional shares of common stock, Series A warrants and Series B warrants sold pursuant to the partial exercise of the Underwriterâ€™s option, after deducting underwriting discounts and commissions and other estimated Offering expenses payable by the Company and excluding any proceeds from the exercise of the Series A warrants, Series B warrants and pre-funded warrants, were approximately $3.4 million. Â The Series A warrants and Series B warrants each have an exercise price of $2.25 per share and were immediately exercisable upon issuance. The Series A warrants expire on February 8, 2029 and the Series B warrants expire on August 8, 2024. The pre-funded warrants have an exercise price of $0.001 per share, were exercisable immediately and may be exercised at any time until all of the pre-funded warrants are exercised in full. The exercise price and number of shares of common stock issuable upon exercise of the warrants is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting the common stock and the exercise price. Subject to limited exceptions, a holder may not exercise any portion of its warrants to the extent that the holder would beneficially own more than 9.99% or 4.99% (at the election of the holder) of the Companyâ€™s outstanding common stock after exercise.Â Â On February 8, 2024, pursuant to the Underwriting Agreement, the Company issued Series A warrants to the Underwriter to purchase up to 139,108 shares of common stock at an exercise price of $2.625, subject to adjustments, which are exercisable at any time and from time to time, in whole or in part, until February 8, 2029. Â June 2024 Private Sale Â On June 11, 2024, the Company entered into a Stock Purchase Agreement (the Purchase Agreement) with a member of the Companyâ€™s board of directors, pursuant to which the Company sold and the board member purchased 100,000 shares (the Shares) of common stock at a price per share of $1.27. The Shares sold pursuant to the Purchase Agreement were issued as restricted securities as defined in Rule 144 of the Securities Act of 1933, as amended.Â Warrants Classified as Equity Â As of June 30, 2024, the Company had the following equity-classified common stock purchase warrants outstanding (share amounts in thousands): Â Â Â Number of SharesÂ Â Exercise PriceÂ Â Expiration Balance as of December 31, 2023Â Â 7Â Â $28.00Â Â June 28, 2023 Pre-funded warrants issuedÂ Â 1,425Â Â $0.001Â Â â€" Pre-funded warrants exercisedÂ Â (1,001)Â $0.001Â Â â€" Series A warrants issuedÂ Â 3,974Â Â $2.250Â Â February 8, 2029 Series A warrants issuedÂ Â 139Â Â $2.625Â Â February 8, 2029 Series B warrants issuedÂ Â 3,974Â Â $2.250Â Â August 8, 2024 Balance as of March 31, 2024Â Â 8,518Â Â Â Â Â Â Pre-funded warrants exercisedÂ Â (307)Â $0.001Â Â â€" Balance as of June 30, 2024Â Â 8,211Â Â Â Â Â Â Â Â During the three months ended June 30, 2024, holders exercised warrants for an aggregate of 307,460 shares of common stock at an exercise price of $0.001 per share for aggregate proceeds of approximately $307. During the three months ended March 31, 2024, holders exercised warrants for an aggregate of 674,920 shares of common stock at an exercise price of $0.001 per share for aggregate proceeds of approximately $675. Also, during the three months ended March 31, 2024, holders exercised warrants for an aggregate of 326,190 shares of common stock at an exercise price of $0.001 per share on a cashless basis and surrendered 127 shares of common stock as payment of the aggregate exercise price. X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for equity. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 4: 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https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 16 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-16Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18 + Details Name: us-gaap_StockholdersEquityNoteDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 26 R16.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrants Classified as Liabilities 6 Months Ended Jun. 30, 2024 Warrants Classified as Liabilities [Abstract] Â Warrants Classified as Liabilities Note 9. Warrants Classified as Liabilities Â In November 2022 and June 2023, the Company completed registered direct offerings and sold shares of its common stock and common stock purchase warrants (the â€œPurchase Warrantsâ€). The securities purchase agreements governing the Purchase Warrants provide for a value calculation for such warrants using the Black Scholes model in the event of certain fundamental transactions. The fair value calculation provides for a floor on the volatility amount utilized in the value calculation at 100% or greater. The Company has determined this provision introduces leverage to the holders of the Purchase Warrants that could result in a value that would be greater than the settlement amount of a fixed-for-fixed option on the Companyâ€™s own equity shares. Therefore, pursuant to ASC 815, the Company has classified the Purchase Warrants as liabilities in its condensed consolidated balance sheets. The classification of the Purchase Warrants, including whether the Purchase Warrants should be recorded as liabilities or as equity, is evaluated at the end of each reporting period with changes in the fair value reported in other income (expense) in the consolidated statements of operations and comprehensive loss. Â As of June 30, 2024 and December 31, 2023, the Company had the following liability-classified warrants outstanding (amounts in thousands): Â Â Â Number of SharesÂ Â Exercise PriceÂ Â Expiration Date Warrants issued - November 2022Â Â 92Â Â $40.00Â Â May 28, 2028 Warrants issued - June 2023Â Â 143Â Â $28.00Â Â June 2, 2028 Â Â 235Â Â Â Â Â Â Â Â Â Â Number of SharesÂ Â Fair ValueÂ Balance as of December 31, 2023Â Â 235Â Â $1,748Â Change in fair value of warrantsÂ Â â€"Â Â Â (1,591) Balance as of March 31, 2024Â Â 235Â Â Â 157Â Change in fair value of warrantsÂ Â â€"Â Â Â (54) Balance as of June 30, 2024Â Â 235Â Â $103Â Â The fair value of the Purchase Warrants at June 30, 2024 was determined using the Black Scholes model with the assumptions in the following table. Â Â Â 2022 Purchase WarrantÂ Â 2023 Purchase WarrantÂ Expected term based on contractual termÂ Â Â 3.9 yearsÂ Â Â Â 3.9 yearsÂ Interest rate (risk-free rate)Â Â 4.37%Â Â 4.37% Expected volatilityÂ Â 118%Â Â 118% Expected dividend yieldÂ Â â€"Â Â Â â€"Â Fair value of warrants (in thousands)Â $37Â Â $66Â Â Â The fair value of the Purchase Warrants at December 31, 2023 was determined using the Black Scholes model with the assumptions in the following table. Â Â Â 2022 Purchase WarrantÂ Â 2023 Purchase WarrantÂ Expected term based on contractual termÂ Â 4.4 yearsÂ Â Â 4.4 yearsÂ Interest rate (risk-free rate)Â Â 3.84%Â Â 3.84% Expected volatilityÂ Â 116%Â Â 116% Expected dividend yieldÂ Â â€"Â Â Â â€"Â Fair value of warrants (in thousands)Â $653Â Â $1,095Â X - DefinitionThe entire disclosure for other liabilities. + 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-S99-1Reference 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(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405/tableOfContent + Details Name: us-gaap_OtherLiabilitiesDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WarrantsAndRightsNoteDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 27 R17.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions 6 Months Ended Jun. 30, 2024 Related Party Transactions [Abstract] Â Related Party Transactions Note 10. Related Party Transactions Â A family member of one of the Companyâ€™s executive officers is an employee of the Company. The Company recorded compensation expense of approximately $27,800 and $55,300 for the employed family member during the three and six months ended June 30, 2024, respectively. Â See Note 8 for a discussion of the Companyâ€™s sale of common stock to a member of the Companyâ€™s board of directors in June 2024. X - ReferencesNo definition available. + Details Name: us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-5Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-6Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477968/946-235-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(g)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 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(2)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(e)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/850/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-6Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483326/850-10-50-1 + Details Name: us-gaap_RelatedPartyTransactionsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 28 R18.htm IDEA: XBRL DOCUMENT v3.24.2.u1 License and Asset Sale Transaction 6 Months Ended Jun. 30, 2024 License and Asset Sale Transaction [Abstract] Â License and Asset Sale Transaction Note 11. License and Asset Sale Transaction Â On August 5, 2022, the Company entered into a Technology License and Patent Assignment Agreement (the Intel Agreement) with Intel Corporation (Intel), pursuant to which Intel: (i) licensed from the Company, on an exclusive basis, certain software and technology assets related to the Companyâ€™s Stellar packet classification intellectual property, including its graph memory engine technology, and any roadmap variant, in the form existing as of the date of the Intel Agreement (the Licensed Technology); (ii) acquired from the Company certain patent applications and patents owned by the Company; and (iii) assumed a professional services agreement, dated March 24, 2020, between Fabulous Inventions AB (Fabulous) and the Company, pursuant to which, among other things, the Company licensed from Fabulous certain technology incorporated into the Licensed Technology.Â As consideration for the Company to enter into the Intel Agreement, Intel agreed to pay the Company $3,062,500 at the closing of the transaction (the Closing) and $437,500 (the Holdback) upon the satisfaction by the Company, as mutually agreed upon by the parties in good faith, of certain release criteria set forth in the Intel Agreement relating to various due diligence activities of Intel regarding the Licensed Technology. Â The Company determined that the license and asset sale did not qualify as a sale of a business, but as a sale of a non-financial asset, with the resultant gain recorded as income from operations in accordance with ASC 610-20, Other Income - Gains and Losses from the Derecognition of Nonfinancial Assets. During the year ended December 31, 2022, the Company recognized a $2.6 million gain on this transaction, net of transaction costs. In 2023, Intel paid the Holdback, and the Company recognized a $0.4 million gain, net of transaction costs, which was recorded as a reduction of operating expenses in the condensed consolidated statements of operations and comprehensive loss. X - ReferencesNo definition available. + Details Name: us-gaap_AssetAcquisitionAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for asset acquisition. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 15 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480123/805-50-15-3 + Details Name: us-gaap_AssetAcquisitionTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 29 R19.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Memory IC Product End-of-Life 6 Months Ended Jun. 30, 2024 Memory IC Product End-of-Life [Abstract] Â Memory IC Product End-of-Life Note 12. Memory IC Product End-of-Life Â Taiwan Semiconductor Manufacturing Corporation (TSMC) is the sole foundry that manufactures the wafers used to produce the Companyâ€™s memory IC products. TSMC has informed the Company that TSMC is discontinuing the foundry process used to produce wafers, in turn, necessary to manufacture the Companyâ€™s memory ICs. As a result, in May 2023, the Company informed its customers that the Company would be initiating an end-of-life (EOL) of its memory IC products. As of June 30, 2024, the Company had a non-cancelable purchase order backlog for its memory IC products of approximately $9.1 million. The Company expects to fulfill this backlog and complete final shipments of its memory IC products by March 31, 2025. X - ReferencesNo definition available. + Details Name: prso_MemoryICProductEndofLifeAbstract Namespace Prefix: prso_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: prso_MemoryICProductEndofLifeTextBlock Namespace Prefix: prso_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration XML 30 R20.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Subsequent Events 6 Months Ended Jun. 30, 2024 Subsequent Events [Abstract] Â Subsequent Events Note 13. Subsequent Events Â On August 6, 2024, the Company extended the expiration date of the Series B warrants issued in the Offering (the â€œSeries B Warrantsâ€) to 5:00 p.m. (New York City time) on October 7, 2024, by entering into an amendment to the Warrant Agency Agreement dated as of February 8, 2024 by and between the Company and the warrant agent, Equiniti Trust Company, LLC.Â The Series B Warrants would otherwise have expired on August 8, 2024. See Note 8 for additional information about the Series B Warrants and the Offering. X - ReferencesNo definition available. + Details Name: us-gaap_SubsequentEventsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/855/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 31 R21.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Pay vs Performance Disclosure - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Mar. 31, 2024 Jun. 30, 2023 Mar. 31, 2023 Jun. 30, 2024 Jun. 30, 2023 Pay vs Performance Disclosure Â Â Â Â Â Â Net Income (Loss) $ (4,425) $ (2,031) $ (4,086) $ (3,148) $ (6,456) $ (7,234) 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: 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 XML 32 R22.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Insider Trading Arrangements 3 Months Ended Jun. 30, 2024 Trading Arrangements, by Individual Â Rule 10b5-1 Arrangement Adopted false Non-Rule 10b5-1 Arrangement Adopted false Rule 10b5-1 Arrangement Terminated false Non-Rule 10b5-1 Arrangement Terminated false Rule 10b5-1 Arrangement Modified false Non-Rule 10b5-1 Arrangement Modified false 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 - ReferencesNo definition available. + Details Name: prso_NonRule10b51ArrModifiedFlag Namespace Prefix: prso_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: prso_Rule10b51ArrModifiedFlag Namespace Prefix: prso_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration XML 33 R23.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accounting Policies, by Policy (Policies) 6 Months Ended Jun. 30, 2024 The Company and Summary of Significant Accounting Policies [Abstract] Â Liquidity and Going Concern Liquidity and Going ConcernThe Company incurred net losses of approximately $6.5 million for the six months ended June 30, 2024 and $16.8 million for the year ended December 31, 2023 and had an accumulated deficit of approximately $173 million as of June 30, 2024. These and prior year losses have resulted in significant negative cash flows and have required the Company to raise substantial amounts of additional capital. To date, the Company has primarily financed its operations through multiple offerings of its equity and equity-linked securities and the issuance of convertible notes and loans to investors and affiliates. As disclosed in Note 8, in February 2024, the Company completed a public offering of its common stock and common stock purchase warrants for net proceeds of $3.4 million.Â The Company expects to continue to incur operating losses for the foreseeable future as it secures additional customers and continues to invest in the commercialization of its products. The Company will need to increase revenues substantially beyond levels that it has attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time. As a result of the Companyâ€™s expected operating losses and cash burn for the foreseeable future, as well as recurring losses from operations, if the Company is unable to raise sufficient capital through additional debt or equity arrangements, there will be uncertainty regarding the Companyâ€™s ability to maintain liquidity sufficient to operate its business effectively, which raises substantial doubt as to the Companyâ€™s ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements. In addition, the Companyâ€™s independent registered public accounting firm, in its report on the Companyâ€™s consolidated financial statements for the year ended December 31, 2023, expressed substantial doubt about the Companyâ€™s ability to continue as a going concern. These condensed consolidated financial statements do not include any adjustments that might result from this uncertainty. There can be no assurance that such additional capital, whether in the form of debt or equity financing, will be sufficient or available and, if available, that such capital will be offered on terms and conditions acceptable to the Company. If the Company is unsuccessful in these efforts, it will need to implement additional cost reduction strategies, which could further affect its near- and long-term business plan. These efforts may include, but are not limited to, reducing headcount and curtailing business activities. Basis of Presentation Basis of PresentationThe condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany transactions and balances have been eliminated in consolidation. The Companyâ€™s fiscal year ends on December 31 of each calendar year. Certain prior year amounts have been reclassified for consistency with the current period presentation. These reclassifications had no effect on the reported results of operations or cash flows.Reverse Stock SplitOn December 15, 2023, the Company filed a certificate of amendment to its amended and restated certificate of incorporation with the Secretary of State of the State of Delaware to effect a 1-for-40 reverse stock split of the Companyâ€™s shares of common stock. Further, on January 2, 2024, Canco filed a certificate of amendment to its amended and restated certificate of incorporation under the Ontario Business Corporations Act to effect a 1-for-40 reverse stock split of the outstanding exchangeable shares. Such amendments and ratio were previously approved by the Companyâ€™s stockholders and board of directors.As a result of the reverse stock split, which was effective for trading purposes on January 3, 2024, every 40 shares of the Companyâ€™s pre-reverse split outstanding common stock and exchangeable shares were combined and reclassified into one share of common stock. Proportionate voting rights and other rights of holders of common stock and exchangeable shares were not affected by the reverse stock split. Any fractional shares of common stock and exchangeable shares resulting from the reverse stock split were rounded up to the nearest whole share. All stock options and restricted stock units outstanding and common stock reserved for issuance under the Companyâ€™s equity incentive plans and warrants outstanding immediately prior to the reverse stock split were adjusted by dividing the number of affected shares of common stock by 40 and, as applicable, multiplying the exercise price by 40, as a result of the reverse stock split. All share and per-share amounts in these condensed consolidated financial statements have been restated to reflect the reverse stock split as if it had occurred at the beginning of the earliest period presented. Risks and Uncertainties Risks and UncertaintiesThe Company is subject to risks from, among other things, competition associated with the industry in general, other risks associated with financing, liquidity requirements, rapidly changing customer requirements, limited operating history, pandemics, wars and acts of terrorism and the volatility of public markets. The Company may be unable to access the capital markets, and additional capital may only be available to the Company on terms that could be significantly detrimental to its existing stockholders and to its business.Â Â Use of Estimates Use of EstimatesThe preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses recognized during the reported period. Material estimates may include assumptions made in determining reserves for uncollectible receivables, inventory write-downs, impairment of long-term assets, valuation allowance on deferred tax assets, accruals for potential liabilities and assumptions made in valuing equity instruments and warrant liabilities. Actual results could differ from those estimates. Cash Equivalents and Investments Cash Equivalents and InvestmentsThe Company invests its cash in money market accounts, certificates of deposit, corporate debt, government-sponsored enterprise bonds and municipal bonds and considers all highly liquid debt instruments purchased with an original maturity of three months or less to be cash equivalents. Investments with original maturities greater than three months and remaining maturities less than one year are classified as short-term investments. Investments with remaining maturities greater than one year are classified as long-term investments. Management generally determines the appropriate classification of securities at the time of purchase. All securities are classified as available-for-sale. The Companyâ€™s available-for-sale short-term and long-term investments are carried at fair value, with the unrealized holding gains and losses reported in accumulated other comprehensive income (loss). Realized gains and losses and declines in the value judged to be other-than-temporary are included in the other income, net line item in the condensed consolidated statements of operations. The cost of securities sold is based on the specific identification method. Fair Value Measurements Fair Value MeasurementsThe Company measures the fair value of financial instruments using a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels:Level 1â€"Inputs used to measure fair value are unadjusted quoted prices that are available in active markets for the identical assets or liabilities as of the reporting date.Level 2â€"Pricing is provided by third party sources of market information obtained through the Companyâ€™s investment advisors, rather than models. The Company does not adjust for, or apply, any additional assumptions or estimates to the pricing information it receives from advisors. The Companyâ€™s LevelÂ 2 securities include cash equivalents and available-for-sale securities, which consisted primarily of certificates of deposit, corporate debt, and government agency and municipal debt securities from issuers with high-quality credit ratings. The Companyâ€™s investment advisors obtain pricing data from independent sources, such as StandardÂ & Poorâ€™s, Bloomberg and Interactive Data Corporation, and rely on comparable pricing of other securities because the LevelÂ 2 securities are not actively traded and have fewer observable transactions. The Company considers this the most reliable information available for the valuation of the securities.Level 3â€"Unobservable inputs that are supported by little or no market activity and reflect the use of significant management judgment are used to measure fair value. These values are generally determined using pricing models for which the assumptions utilize managementâ€™s estimates of market participant assumptions. The determination of fair value for LevelÂ 3 investments and other financial instruments involves the most management judgment and subjectivity.The carrying amounts of financial assets and liabilities, such as cash and cash equivalents, accounts receivable, accounts payable, and other payables, approximate their fair values because of the short maturity of these instruments. The carrying values of lease obligations and long-term financing obligations approximate their fair values because interest rates on these obligations are based on prevailing market interest rates. The Company measures the fair value of its warrant liabilities using Level 3 inputs.Â Derivatives and Liability-Classified Instruments Derivatives and Liability-Classified Instruments The Company accounts for common stock warrants as either equity-classified or liability-classified instruments based on an assessment of the specific terms of the warrants and the guidance provided by the Financial Accounting Standards Board (FASB) in ASC 480, Distinguishing Liabilities from Equity (ASC 480) and ASC 815, Derivatives and Hedging (ASC 815). The assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Companyâ€™s own stock and whether the holders of the warrants could potentially require net cash settlement in a circumstance outside of the Companyâ€™s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period end date while the warrants are outstanding. Allowance for Doubtful Accounts Allowance for Doubtful AccountsThe Company establishes an allowance for doubtful accounts to ensure that its trade receivables balances are not overstated due to uncollectibility. The Company performs ongoing customer credit evaluations within the context of the industry in which it operates and generally does not require collateral from its customers. A specific allowance of up to 100% of the invoice value is provided for any problematic customer balances. Delinquent account balances are written off after management has determined that the likelihood of collection is remote. The Company grants credit only to customers deemed creditworthy in the judgment of management. The allowance for doubtful accounts receivable was approximately $30,000 as of June 30, 2024 and December 31, 2023. Inventories InventoriesThe Company values its inventories at the lower of cost, which approximates actual cost on a first-in, first-out basis, or net realizable value. Costs of inventories primarily consisted of material and third party assembly costs. The Company records write-downs for estimated obsolescence or unmarketable inventories based upon assumptions about future demand and market conditions. If actual market conditions are less favorable than those expected by management, additional adjustments to inventory valuation may be required. Charges for obsolete and slow-moving inventories are recorded based upon an analysis of specific identification of obsolete inventory items and quantification of slow moving inventory items. The Company determined that it had excess and obsolete inventory, primarily related to its mmWave products, and recorded write-downs of inventory of approximately $629,000 during the six months ended June 30, 2023. No material write-downs of inventory were recorded during the six months ended June 30, 2024. If the Companyâ€™s recognition of excess or obsolete inventory is, or if its estimates of potential utility become, less favorable than currently expected, additional inventory write-downs may be required. During the three and six months ended June 30, 2024, the Company sold inventory with a value of approximately $81,000 that had been written down in 2023. Intangible and Long-lived Assets Intangible and Long-lived AssetsIntangible assets are recorded at cost and amortized on a straight-line method over their estimated useful lives of three to ten years. Amortization of developed technology and other intangibles directly related to the Companyâ€™s products is included in cost of net revenue, while amortization of customer relationships and other intangibles not associated with the Companyâ€™s products is included in selling, general and administrative expense in the condensed consolidated statements of operations.The Company regularly reviews the carrying value and estimated lives of its long-lived assets and finite-lived intangible assets to determine whether indicators of impairment may exist which warrant adjustments to carrying values or estimated useful lives. The determinants used for this evaluation include managementâ€™s estimate of the assetâ€™s ability to generate positive income from operations and positive cash flow in future periods as well as the strategic significance of the assets to the Companyâ€™s business objective. Should an impairment exist, the impairment loss would be measured based on the excess of the carrying amount of the long-lived asset group over the assetâ€™s fair value.Â Purchased Intangible Assets Purchased Intangible AssetsIntangible assets acquired in business combinations are accounted for based on the fair value of assets purchased and are amortized over the period in which economic benefit is estimated to be received. Intangible assets subject to amortization, including those acquired in business combinations were as follows (amounts in thousands): Â Â June 30, 2024Â Â Â GrossÂ Â Â Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(4,599)Â $1,127Â Customer relationshipsÂ Â 2,556Â Â Â (2,052)Â Â 504Â OtherÂ Â 186Â Â Â (170)Â Â 16Â TotalÂ $8,468Â Â $(6,821)Â $1,647Â Â Â December 31, 2023Â Â Â GrossÂ Â Â Â Â Â Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â OtherÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â ImpairmentÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(3,471)Â $â€"Â Â $2,255Â Customer relationshipsÂ Â 2,556Â Â Â (1,550)Â Â â€"Â Â Â 1,006Â OtherÂ Â 186Â Â Â (61)Â Â (106)Â Â 19Â TotalÂ $8,468Â Â $(5,082)Â $(106)Â $3,280Â Developed technology primarily consisted of MoSysâ€™ products that have reached technological feasibility and primarily relate to its memory semiconductor products and technology. The value of the developed technology was determined by discounting estimated net future cash flows of these products. Amortization related to developed technology of $0.6 million and $1.1 million for each of the three and six-month periods ended June 30, 2024, respectively, has been included in cost of net revenue in the condensed consolidated statements of operations and comprehensive loss.Customer relationships relate to the Companyâ€™s ability to sell existing and future versions of its products to MoSysâ€™ customers existing at the time of the arrangement. The fair value of the customer relationships was determined by discounting estimated net future cash flows from the customer relationships. Amortization related to customer relationships of $0.2 million and $0.5 million for each of the three and six month-periods ended June 30, 2024, respectively, has been included in selling, general and administrative expense in the condensed consolidated statements of operations and comprehensive loss.Other amortization expense was approximately $1,000 and $2,000 for each of the three and six-month periods ended June 30, 2024, respectively.At June 30, 2024, the Company has not identified any intangible asset impairments. However, current macroeconomic conditions, which have been impacted by inflation and other world unrest, could negatively impact the Companyâ€™s business and stock price and trigger the need to test for impairment. The Company will continue to evaluate for impairment indicators, as necessary, on a quarterly basis.Â Revenue Recognition Revenue RecognitionThe Company recognizes revenue in accordance with ASC Topic 606, Revenue from Contracts with Customers, and its amendments (ASC 606). As described below, the analysis of contracts under ASC 606 supports the recognition of revenue at a point in time, resulting in revenue recognition timing that is materially consistent with the Companyâ€™s historical practice of recognizing product revenue when title and risk of loss pass to the customer.Â The Company generates revenue primarily from sales of integrated circuits and antenna module products, performance of engineering services and licensing of its intellectual property. Revenues are recognized when control is transferred to customers in amounts that reflect the consideration the Company expects to be entitled to receive in exchange for those goods. Revenue recognition is evaluated through the following five steps: (i) identification of the contract, or contracts, with a customer; (ii) identification of the performance obligations in the contract; (iii) determination of the transaction price; (iv) allocation of the transaction price to the performance obligations in the contract; and (v) recognition of revenue when or as a performance obligation is satisfied.Product revenueRevenue is recognized when performance obligations under the terms of a contract with a customer are satisfied. The majority of the Companyâ€™s contracts have a single performance obligation to transfer products. Accordingly, the Company recognizes revenue when title and risk of loss have been transferred to the customer, generally at the time of shipment of products. Revenue is measured as the amount of consideration the Company expects to receive in exchange for transferring products and is generally based upon a negotiated, formula, list or fixed price. The Company sells its products both directly to customers and through distributors generally under agreements with payment terms typically 60 days or less.The Company may record an estimated allowance, at the time of shipment, for future returns and other charges against revenue consistent with the terms of sale.Royalty and otherThe Companyâ€™s licensing contracts typically provide for royalties based on the licenseeâ€™s use of the Companyâ€™s memory technology in its currently shipping commercial products. The Company estimates its royalty revenue in the calendar quarter in which the licensee uses the licensed technology. Payments are received in the subsequent quarter. The Company also generates revenue from licensing its technology. The Company recognizes license fees as revenue at the point of time when the control of the license has been transferred and the Company has no continuing performance obligations to the customer.Engineering services revenue Engineering and development contracts with customers generally contain a single performance obligation that is delivered over time. Revenue is recognized using an output method that is consistent with the satisfaction of the performance obligation as a measure of progress.Contract liabilities â€" deferred revenue The Companyâ€™s contract liabilities consist of advance customer payments and deferred revenue. The Company classifies advance customer payments and deferred revenue as current or non-current based on the timing of when the Company expects to recognize revenue. As of June 30, 2024 and December 31, 2023, contract liabilities were in a current position and included in deferred revenue.During the six months ended June 30, 2024, the Company recognized approximately $513,000 of revenue that had been included in deferred revenue as of December 31, 2023.See Note 6 for disaggregation of revenue by geography.The Company does not have significant financing components, as payments from customers are typically due within 60 days of invoicing, and the Company has elected the practical expedient to not value financing components that are less than one year. Shipping and handling costs are generally incurred by the customer, and, therefore, are not recorded as revenue.Â Cost of Net Revenue Cost of Net RevenueCost of net revenue consists primarily of direct and indirect costs of product sales, including amortization of intangible assets and depreciation of production-related fixed assets. Stock-Based Compensation Stock-Based CompensationThe Company periodically issues stock options and restricted stock units to employees and non-employees. The Company accounts for such awards based on ASC 505 and ASC 718, whereby the value of the award is measured on the date of award and recognized as compensation expense on a straight-line basis over the vesting period. The fair value of the Companyâ€™s stock options is estimated using the Black-Scholes-Merton Option Pricing (Black Scholes) model, which uses certain assumptions related to risk-free interest rates, expected volatility, expected life of the options, and future dividends. Compensation expense is recorded based upon the value derived from the Black-Scholes model. The assumptions used in the Black-Scholes model could materially affect compensation expense recorded in future periods. Foreign Currency Transactions Foreign Currency Transactions The functional currency of the Company is the U.S. dollar. All foreign currency transactions are initially measured and recorded in an entityâ€™s functional currency using the exchange rate on the date of the transaction. All monetary assets and liabilities are remeasured at the end of each reporting period using the exchange rate at that date. All non-monetary assets and related expense, depreciation or amortization are not subsequently remeasured and are measured using the historical exchange rate. An average exchange rate may be used to recognize income and expense items earned or incurred evenly over a period. Foreign exchange gains and losses resulting from the settlement of such transactions are recognized in the statement of operations, except for the gains and losses arising from the conversion of the carrying amount of the foreign currency denominated convertible preferred shares into the functional currency that are presented as adjustment to the net loss to arrive at net loss attributable to common stockholders. Per-Share Amounts Per-Share AmountsBasic net loss per share is computed by dividing net loss for the period by the weighted-average number of exchangeable shares and shares of common stock outstanding (WASO) during the period. In addition, the Company includes the number of shares of common stock issuable upon exercise of pre-funded warrants as outstanding. Diluted net loss per share gives effect to all potentially dilutive exchangeable and common shares outstanding during the period. Potentially dilutive common shares consist of incremental exchangeable shares and shares of common stock issuable upon the achievement of escrow terms, exercise of stock options, vesting of stock awards and exercise of warrants. Â Prior to June 30, 2023, the Company excluded shares of common stock issuable upon exercise of pre-funded warrants from the computation of WASO. The pre-funded warrant shares are now included in the computation of WASO. Prior period amounts have been conformed to the current-period presentation. The impact of the change reduced the previously reported loss per share by $0.04, and increased WASO by approximately 4,000 shares for the three months ended June 30, 2023. The impact of the change reduced the previously reported loss per share by $0.63, and increased WASO by approximately 29,000 shares for the six months ended June 30, 2023, respectively. The reclassification had no impact on the Companyâ€™s net loss or cash flows for the three and six months ended June 30, 2023.Â The following table sets forth securities outstanding that were excluded from the computation of diluted net loss per share as their inclusion would be anti-dilutive (in thousands): Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Escrow shares - exchangeable sharesÂ Â 33Â Â Â 33Â Escrow shares - common stockÂ Â 13Â Â Â 13Â Options to purchase common stockÂ Â 34Â Â Â 37Â Unvested restricted common stock unitsÂ Â 10Â Â Â 24Â Warrants classified as equityÂ Â 8,094Â Â Â â€"Â Warrants classified as liabilitiesÂ Â 235Â Â Â 237Â TotalÂ Â 8,419Â Â Â 344Â Recently Issued Accounting Pronouncements Recently Issued Accounting PronouncementsIn November 2023, the FASB issued ASU No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which requires disclosure of incremental segment information on an annual and interim basis. ASU No. 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and it requires retrospective application to all prior periods presented in the financial statements. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements.In December 2023, the FASB issued ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, which expands disclosures in an entityâ€™s income tax rate reconciliation table and disclosures regarding cash taxes paid both in the U.S. and foreign jurisdictions. The update will be effective for annual periods beginning after December 15, 2024. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements.Other recent authoritative guidance issued by the FASB (including technical corrections to the ASCs), the American Institute of Certified Public Accountants, and the Securities and Exchange Commission (the SEC) did not, or is not expected to, have a material impact on the Companyâ€™s consolidated financial statements and related disclosures.Â X - DefinitionThe entire disclosure of accounting policies for liquidity and going concern. + ReferencesNo definition available. + Details Name: prso_LiquidityAndGoingConcernPolicyTextBlock Namespace Prefix: prso_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for purchased intangible assets. + ReferencesNo definition available. + Details Name: prso_PurchasedIntangibleAssetsPolicyTextBlock Namespace Prefix: prso_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration X - DefinitionRisks and Uncertainties Policies Text Block. + ReferencesNo definition available. + Details Name: prso_RisksAndUncertaintiesPolicyTextBlock Namespace Prefix: prso_ Data Type: dtr:textBlockItemType Balance Type: na Period Type: duration 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 for cash and cash equivalents, including the policy for determining which items are treated as cash equivalents. Other information that may be disclosed includes (1) the nature of any restrictions on the entity's use of its cash and cash equivalents, (2) whether the entity's cash and cash equivalents are insured or expose the entity to credit risk, (3) the classification of any negative balance accounts (overdrafts), and (4) the carrying basis of cash equivalents (for example, at cost) and whether the carrying amount of cash equivalents approximates fair value. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-1 + Details Name: us-gaap_CashAndCashEquivalentsPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for cost of product sold and service rendered. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Topic 705 -Publisher FASB -URI https://asc.fasb.org/705/tableOfContent + Details Name: us-gaap_CostOfSalesPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for its derivative instruments and hedging activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 815 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-2Reference 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 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(n)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1AReference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-7 + Details Name: us-gaap_DerivativesPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for computing basic and diluted earnings or loss per share for each class of common stock and participating security. Addresses all significant policy factors, including any antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: 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/1943274/2147482662/260-10-50-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 260 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2 + Details Name: us-gaap_EarningsPerSharePolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for fair value measurements of financial and non-financial assets, liabilities and instruments classified in shareholders' equity. Disclosures include, but are not limited to, how an entity that manages a group of financial assets and liabilities on the basis of its net exposure measures the fair value of those assets and liabilities. + ReferencesNo definition available. + Details Name: us-gaap_FairValueMeasurementPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for (1) transactions denominated in a currency other than the reporting enterprise's functional currency, (2) translating foreign currency financial statements that are incorporated into the financial statements of the reporting enterprise by consolidation, combination, or the equity method of accounting, and (3) remeasurement of the financial statements of a foreign reporting enterprise in a hyperinflationary economy. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/830/tableOfContent + Details Name: us-gaap_ForeignCurrencyTransactionsAndTranslationsPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for finite-lived intangible assets. This accounting policy also might address: (1) the amortization method used; (2) the useful lives of such assets; and (3) how the entity assesses and measures impairment of such assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/350-30/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 920 -SubTopic 350 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478609/920-350-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 920 -SubTopic 350 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478609/920-350-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 920 -SubTopic 350 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478609/920-350-50-4 + Details Name: us-gaap_IntangibleAssetsFiniteLivedPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of inventory accounting policy for inventory classes, including, but not limited to, basis for determining inventory amounts, methods by which amounts are added and removed from inventory classes, loss recognition on impairment of inventories, and situations in which inventories are stated above cost. + 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(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483080/330-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 912 -SubTopic 330 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478411/912-330-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContentReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483080/330-10-50-4Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Subparagraph (a) -SubTopic 10 -Topic 270 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482989/270-10-45-6 + Details Name: us-gaap_InventoryPolicyTextBlock 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 revenue from contract with customer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-17Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-19Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-18Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 20 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-20Reference 9: http://www.xbrl.org/2003/role/exampleRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (e) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 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_RevenueFromContractWithCustomerPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for award under share-based payment arrangement. Includes, but is not limited to, methodology and assumption used in measuring cost. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(1) -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 (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 3: 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 4: 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/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.C.Q3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.D.1.Q5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.D.3.Q2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.D.2.Q6) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -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 (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationOptionAndIncentivePlansPolicy Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for accounts receivable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-6Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481569/310-20-50-1Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-15Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-11B + Details Name: us-gaap_TradeAndOtherAccountsReceivablePolicy 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 34 R24.htm IDEA: XBRL DOCUMENT v3.24.2.u1 The Company and Summary of Significant Accounting Policies (Tables) 6 Months Ended Jun. 30, 2024 The Company and Summary of Significant Accounting Policies [Abstract] Â Schedule of Intangible Assets Intangible assets subject to amortization, including those acquired in business combinations were as follows (amounts in thousands): Â Â June 30, 2024Â Â Â GrossÂ Â

Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(4,599)Â $1,127Â Customer relationshipsÂ Â 2,556Â Â Â (2,052)Â Â 504Â OtherÂ Â 186Â Â Â (170)Â Â 16Â TotalÂ $8,468Â Â $(6,821)Â $1,647Â Â Â December 31, 2023Â Â Â GrossÂ Â Â Â Â Â Â Â NetÂ Â Â CarryingÂ Â AccumulatedÂ Â OtherÂ Â CarryingÂ Â Â AmountÂ Â AmortizationÂ Â ImpairmentÂ Â AmountÂ Developed technologyÂ $5,726Â Â $(3,471)Â $â€”Â Â $2,255Â Customer relationshipsÂ Â 2,556Â Â Â (1,550)Â Â â€”Â Â Â 1,006Â OtherÂ Â 186Â Â Â (61)Â Â Â (106)Â Â Â 19Â TotalÂ $8,468Â Â $(5,082)Â $(106)Â $3,280Â Schedule of Computation of Diluted Net Loss Per Share The following table sets forth securities outstanding that were excluded from the computation of diluted net loss per share as their inclusion would be anti-dilutive (in thousands): Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Escrow shares - exchangeable sharesÂ Â 33Â Â Â 33Â Escrow shares - common stockÂ Â 13Â Â Â 13Â Options to purchase common stockÂ Â 34Â Â Â 37Â Unvested restricted common stock unitsÂ Â 10Â Â Â 24Â Warrants classified as equityÂ Â 8,094Â Â Â â€”Â Warrants classified as liabilitiesÂ Â 235Â Â Â 237Â TotalÂ Â 8,419Â Â Â 344Â X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract 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 assets, excluding financial assets and goodwill, lacking physical substance with a finite life, by either major class or business segment. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_ScheduleOfFiniteLivedIntangibleAssetsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 35 R25.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value of Financial Instruments (Tables) 6 Months Ended Jun. 30, 2024 Fair Value of Financial Instruments [Abstract] Â Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis The following tables represent the Companyâ€™s assets and liabilities measured at fair value on a recurring basis and the basis for that measurement (in thousands): Â Â JuneÂ 30, 2024Â Â Â Fair ValueÂ Â Level 1Â Â Level 2Â Â Level 3Â Assets:Â Â Â Â Â Â Â Â Â Â Â Â Money market funds (1)Â $1Â Â $â€”Â Â $â€”Â Â $â€”Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Liabilities:Â Â Â Â Â Â Â Â Â Â Â Â Â Warrant liabilitiesÂ $103Â Â $â€”Â Â $â€”Â Â $103Â Â Â DecemberÂ 31, 2023Â Â Â Fair ValueÂ Â Level 1Â Â Level 2Â Â Level 3Â Assets:Â Â Â Â Â Â Â Â Â Â Â Â Money market funds (1)Â $1Â Â $â€”Â Â $â€”Â Â $â€”Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Liabilities:Â Â Â Â Â Â Â Â Â Â Â Â Â Warrant liabilitiesÂ $1,748Â Â $â€”Â Â $â€”Â Â $1,748Â (1) Amounts are included in cash and cash equivalents on the condensed consolidated balance sheets. Â Schedule of Determination of Fair Value for its Financial Assets The following tables represent the Companyâ€™s determination of fair value for its financial assets (cash equivalents) (in thousands): Â Â JuneÂ 30, 2024Â Â Â Â Â Â UnrealizedÂ Â UnrealizedÂ Â FairÂ Â Â CostÂ Â GainsÂ Â LossesÂ Â ValueÂ Cash and cash equivalentsÂ $1,868Â Â $â€”Â Â $â€”Â Â $1,868Â Â Â DecemberÂ 31, 2023Â Â Â Â Â Â UnrealizedÂ Â UnrealizedÂ Â FairÂ Â Â CostÂ Â GainsÂ Â LossesÂ Â ValueÂ Cash and cash equivalentsÂ $1,583Â Â $â€”Â Â $â€”Â Â $1,583Â X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of cash, cash equivalents, and investments. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfCashCashEquivalentsAndShortTermInvestmentsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of assets and liabilities, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, 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_ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 36 R26.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Balance Sheet Detail (Tables) 6 Months Ended Jun. 30, 2024 Balance Sheet Detail [Abstract] Â Schedule of Inventories Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Â Â (in thousands)Â Inventories:Â Â Â Â Â Â Raw materialsÂ $192Â Â $209Â Work-in-processÂ Â 1,380Â Â Â 1,517Â Finished goodsÂ Â 1,034Â Â Â 880Â Â Â $2,606Â Â $2,606Â Schedule of Accrued Expenses and Other Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Â Â (in thousands)Â Accrued Expenses and Other:Â Â Â Â Â Â Accrued wages and employee benefitsÂ $444Â Â $405Â Professional fees, legal and consultingÂ Â 179Â Â Â 158Â Software license obligations (see Note 4)Â Â 1,015Â Â Â â€”Â Severance benefits (see Note 4)Â Â 419Â Â Â â€”Â Warranty accrualÂ Â 28Â Â Â 37Â OtherÂ Â 128Â Â Â 11Â Â Â $2,213Â Â $611Â X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType 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 R27.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies (Tables) 6 Months Ended Jun. 30, 2024 Commitments and Contingencies [Abstract] Â Schedule of Lease The following table provides the details of right-of-use assets and lease liabilities as of June 30, 2024 (in thousands): Right-of-use assets:Â Â Â Operating leasesÂ $316Â Finance leasesÂ Â 125Â Total right-of-use assetsÂ $441Â Lease liabilities:Â Â Â Â Operating leasesÂ $381Â Finance leasesÂ Â 126Â Total lease liabilitiesÂ $507Â The following table provides the details of supplemental cash flow information (in thousands): Â Â Six Months Ended June 30,Â Â Â 2024Â Â 2023Â Cash paid for amounts included in the measurement of lease liabilities:Â Â Â Â Â Â Operating cash flows for leasesÂ $211Â Â $403Â Schedule of Future Minimum Payments Future minimum payments under the leases at June 30, 2024 are listed in the table below (in thousands): Year ending December 31,Â Â Â 2024Â $190Â 2025Â Â 163Â 2026Â Â 106Â 2027Â Â 99Â Total future lease paymentsÂ Â 558Â Less: imputed interestÂ Â (51) Present value of lease liabilitiesÂ $507Â 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 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 - 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 38 R28.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Business Segments, Concentration of Credit Risk and Significant Customers (Tables) 6 Months Ended Jun. 30, 2024 Business Segments, Concentration of Credit Risk and Significant Customers [Abstract] Â Schedule of Company Recognized Revenue The Company recognized revenue from shipments of product, licensing of its technologies and performance of services to customers by geographical location as follows (in thousands): Â Â Three Months EndedÂ Â Six Months EndedÂ Â Â JuneÂ 30,Â Â JuneÂ 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â United StatesÂ $3,308Â Â $1,421Â Â $5,539Â Â $4,510Â Hong KongÂ Â 234Â Â Â 147Â Â Â 446Â Â Â 293Â TaiwanÂ Â 71Â Â Â 562Â Â Â 161Â Â Â 1,991Â Rest of worldÂ Â 625Â Â Â 273Â Â Â 908Â Â Â 642Â Total net revenueÂ $4,238Â Â $2,403Â Â $7,054Â Â $7,436Â Â Schedule of Breakdown of Product Revenue by Category The following is a breakdown of product revenue by category (in thousands): Â Â Three months Ended June 30,Â Â Six Months Ended JuneÂ 30,Â Product categoryÂ 2024Â Â 2023Â Â 2024Â Â 2023Â Memory ICsÂ $3,428Â Â $1,616Â Â $5,811Â Â $3,831Â mmWave ICsÂ Â 127Â Â Â 559Â Â Â 204Â Â Â 2,004Â mmWave modulesÂ Â 553Â Â Â 60Â Â Â 757Â Â Â 1,284Â mmWave other productsÂ Â 1Â Â Â â€”Â Â Â 13Â Â Â 4Â Â Â $4,109Â Â $2,235Â Â $6,785Â Â $7,123Â Schedule of Concentration of Credit Risk Â Â Three Months Ended June 30,Â Â Six Months Ended June 30,Â Â Â 2024Â Â 2023Â Â 2024Â Â 2023Â Customer AÂ Â 55%Â Â *Â Â Â 53%Â Â 10% Customer BÂ Â 24%Â Â 46%Â Â 23%Â Â 27% Customer CÂ Â 12%Â Â *Â Â Â *Â Â Â *Â Customer DÂ Â *Â Â Â 23%Â Â *Â Â Â 26% Customer EÂ Â *Â Â Â *Â Â Â *Â Â Â 15% The following table lists significant customers that represented more than 10% of the Companyâ€™s total revenue during each respective period: Â Â Accounts ReceivableÂ Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Customer AÂ Â 24%Â Â 36% Customer BÂ Â 33%Â Â 33% Customer CÂ Â 33%Â Â *Â Customer DÂ Â *Â Â Â 14% The following table lists significant vendors that represented more than 10% of the Companyâ€™s total accounts payable balance at each respective balance sheet date: Â Â Accounts PayableÂ Â Â JuneÂ 30,Â Â DecemberÂ 31,Â Â Â 2024Â Â 2023Â Vendor AÂ Â 33%Â Â 47% Vendor BÂ Â 12%Â Â 12% * Represents less than 10% X - DefinitionTabular disclosure of revenue from external customers by geographic areas attributed to the entity's country of domicile and to foreign countries from which the entity derives revenue. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41 + Details Name: us-gaap_RevenueFromExternalCustomersByGeographicAreasTableTextBlock 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 X - DefinitionTabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 30 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType 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 39 R29.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation (Tables) 6 Months Ended Jun. 30, 2024 Stock-Based Compensation [Abstract] Â Schedule of Options Outstanding The following table summarizes the activity in the shares available for grant under the Plans during the three and six months ended June 30, 2024 and options outstanding as of June 30, 2024 (in thousands, except exercise price): Â Â Â Â Options OutstandingÂ Â Â Â Â Â Â Â Â WeightedÂ Â Â SharesÂ Â Â Â Â AverageÂ Â Â AvailableÂ Â Number ofÂ Â ExerciseÂ Â Â for GrantÂ Â SharesÂ Â PricesÂ Balance as of December 31, 2023Â Â 39Â Â Â 36Â Â $127.00Â RSUs grantedÂ Â (2)Â Â â€”Â Â Â â€”Â RSUs cancelled and returned to the 2019 PlanÂ Â 2Â Â Â â€”Â Â Â â€”Â Options cancelledÂ Â â€”Â Â Â (1)Â $147.64Â Balance as of March 31, 2024Â Â 39Â Â Â 35Â Â $126.70Â RSUs grantedÂ Â â€”Â Â Â â€”Â Â Â â€”Â RSUs cancelled and returned to the 2019 PlanÂ Â 3Â Â Â â€”Â Â Â â€”Â Options cancelledÂ Â â€”Â Â Â (1)Â $150.19Â Balance as of June 30, 2024Â Â 42Â Â Â 34Â Â $125.99Â Schedule of RSU Activity Under Plans A summary of RSU activity under the Plans is presented below (in thousands, except for fair value): Â Â Â Â Â WeightedÂ Â Â Â Â Â AverageÂ Â Â Number ofÂ Â Grant-DateÂ Â Â SharesÂ Â Fair ValueÂ Non-vested shares as of December 31, 2023Â Â 15Â Â $69.63Â GrantedÂ Â 2Â Â $1.55Â CancelledÂ Â (2)Â $53.54Â Non-vested shares as of March 31, 2024Â Â 15Â Â $62.04Â VestedÂ Â (5)Â $1.48Â Non-vested shares as of June 30, 2024Â Â 10Â Â $52.73Â Schedule of Significant Ranges of Outstanding and Exercisable Options The following table summarizes significant ranges of outstanding and exercisable options as of June 30, 2024 (in thousands, except contractual life and exercise price): Â Â Options OutstandingÂ Â Options ExercisableÂ Â Â Â Â Â WeightedÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â AverageÂ Â Â Â Â Â Â Â Â Â Â Â Â Â RemainingÂ Â WeightedÂ Â Â Â Â WeightedÂ Â Â Â Â Â Â Â ContractualÂ Â AverageÂ Â Â Â Â AverageÂ Â AggregateÂ Â Â NumberÂ Â LifeÂ Â ExerciseÂ Â NumberÂ Â ExerciseÂ Â IntrinsicÂ Range of Exercise PriceÂ OutstandingÂ Â (in Years)Â Â PriceÂ Â ExercisableÂ Â PriceÂ Â valueÂ $0.00 - $62.80Â Â 2Â Â Â 5.39Â Â $62.80Â Â Â Â Â Â Â Â Â Â 2Â Â $62.80Â Â $Â Â Â Â Â â€”Â $62.81 - $599.60Â Â Â Â Â Â Â Â 32Â Â Â 6.24Â Â $108.13Â Â Â 28Â Â $107.91Â Â $â€”Â $0.00 - $599.60Â Â 34Â Â Â 6.18Â Â $125.99Â Â Â 30Â Â $128.17Â Â $â€”Â 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 the number and weighted-average grant date fair value for restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock units that were granted, vested, or forfeited during the year. + 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/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period

Type: duration X - DefinitionTabular disclosure of option exercise prices, by grouped ranges, including the upper and lower limits of the price range, the number of shares under option, weighted average exercise price and remaining contractual option terms. + 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_ScheduleOfShareBasedCompensationSharesAuthorizedUnderStockOptionPlansByExercisePriceRangeTextBlock 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 XML 40 R30.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Equity (Tables) 6 Months Ended Jun. 30, 2024 Equity [Abstract] Â Schedule of Equity-Classified Common Stock Purchase Warrants Outstanding As of June 30, 2024, the Company had the following equity-classified common stock purchase warrants outstanding (share amounts in thousands): Â Â Number of SharesÂ Â Exercise PriceÂ Â Expiration Balance as of December 31, 2023Â Â 7Â Â $28.00Â Â June 28, 2023 Pre-funded warrants issuedÂ Â 1,425Â Â $0.001Â Â â€” Pre-funded warrants exercisedÂ Â (1,001)Â $0.001Â Â â€” Series A warrants issuedÂ Â 3,974Â Â $2.250Â Â February 8, 2029 Series A warrants issuedÂ Â 139Â Â $2.625Â Â February 8, 2029 Series B warrants issuedÂ Â 3,974Â Â $2.250Â Â August 8, 2024 Balance as of March 31, 2024Â Â 8,518Â Â Â Â Â Â Pre-funded warrants exercisedÂ Â (307)Â $0.001Â Â â€” Balance as of June 30, 2024Â Â 8,211Â Â Â Â Â Â X - ReferencesNo definition available. + Details Name: us-gaap_EquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of warrants or rights issued. Warrants and rights outstanding are derivative securities that give the holder the right to purchase securities (usually equity) from the issuer at a specific price within a certain time frame. Warrants are often included in a new debt issue to entice investors by a higher return potential. The main difference between warrants and call options is that warrants are issued and guaranteed by the company, whereas options are exchange instruments and are not issued by the company. Also, the lifetime of a warrant is often measured in years, while the lifetime of a typical option is measured in months. Disclose the title of issue of securities called for by warrants and rights outstanding, the aggregate amount of securities called for by warrants and rights outstanding, the date from which the warrants or rights are exercisable, and the price at which the warrant or right is exercisable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-1 + Details Name: us-gaap_ScheduleOfStockholdersEquityNoteWarrantsOrRightsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 41 R31.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrants Classified as Liabilities (Tables) 6 Months Ended Jun. 30, 2024 Warrants Classified as Liabilities [Abstract] Â Schedule of Liability-Classified Warrants Outstanding As of June 30, 2024 and December 31, 2023, the Company had the following liability-classified warrants outstanding (amounts in thousands): Â Â Number of SharesÂ Â Exercise PriceÂ Â Expiration Date Warrants issued - November 2022Â Â 92Â Â $40.00Â Â May 28, 2028 Warrants issued - June 2023Â Â 143Â Â $28.00Â Â June 2, 2028 Â Â Â 235Â Â Â Â Â Â Â Â Schedule of Fair Value of Warrants As of June 30, 2024 and December 31, 2023, the Company had the following liability-classified warrants outstanding (amounts in thousands): Â Â Number of SharesÂ Â Fair ValueÂ Balance as of December 31, 2023Â Â 235Â Â $1,748Â Change in fair value of warrantsÂ Â â€"Â Â Â (1,591) Balance as of March 31, 2024Â Â 235Â Â Â 157Â Change in fair value of warrantsÂ Â â€"Â Â Â (54) Balance as of June 30, 2024Â Â 235Â Â $103Â Schedule of Black Scholes Model The fair value of the Purchase Warrants at June 30, 2024 was determined using the Black Scholes model with the assumptions in the following table. Â Â 2022 Purchase WarrantÂ 2023 Purchase WarrantÂ Expected term based on contractual termÂ Â Â 3.9 yearsÂ Â Â Â 3.9 yearsÂ Interest rate (risk-free rate)Â Â 4.37%Â Â 4.37% Expected volatilityÂ Â 118%Â Â 118% Expected dividend yieldÂ Â â€"Â Â Â â€"Â Fair value of warrants (in thousands)Â $37Â Â $66Â The fair value of the Purchase Warrants at December 31, 2023 was determined using the Black Scholes model with the assumptions in the following table. Â Â 2022 Purchase WarrantÂ 2023 Purchase WarrantÂ Expected term based on contractual termÂ Â 4.4 yearsÂ Â Â 4.4 yearsÂ Interest rate (risk-free rate)Â Â 3.84%Â Â 3.84% Expected volatilityÂ Â 116%Â Â 116% Expected dividend yieldÂ Â â€"Â Â Â â€"Â Fair value of warrants (in thousands)Â $653Â Â $1,095Â X - DefinitionTabular disclosure of input and valuation technique used to measure fair value and change in valuation approach and technique for each separate class of asset and liability measured on recurring and nonrecurring basis. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -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 (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the fair value measurement of liabilities using significant unobservable inputs (Level 3), a reconciliation of the beginning and ending balances, separately presenting changes attributable to the following: (1) total gains or losses for the period (realized and unrealized), segregating those gains or losses included in earnings (or changes in net assets), and gains or losses recognized in other comprehensive income (loss) and a description of where those gains or losses included in earnings (or changes in net assets) are reported in the statement of income (or activities); (2) purchases, sales, issues, and settlements (each type disclosed separately); and (3) transfers in and transfers out of Level 3 (for example, transfers due to changes in the observability of significant inputs) by class of liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -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 (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the change in common stock outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfCommonStockOutstandingRollForwardTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WarrantsAndRightsNoteDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 42 R32.htm IDEA: XBRL DOCUMENT v3.24.2.u1 The Company and Summary of Significant Accounting Policies (Details) - USD ($) 3 Months Ended 6 Months Ended Feb. 29, 2024 Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Mar. 31, 2024 Jan. 03, 2024 Dec. 31, 2023 The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Net losses Â $ 6,500,000 Â $ 6,500,000 Â Â Â $ 16,800,000 Accumulated deficit Â $ 173,000,000 Â $ 173,000,000 Â Â Â Â Net proceeds from common stock and warrants $ 3,400,000 Â Â Â Â Â Â Â Outstanding common stock (in Shares) Â 87,000 Â 87,000 Â Â Â 95,000 Percentage of specific allowance Â Â Â Â Â 100.00% Â Â Â Allowance for doubtful accounts receivable Â $ 30,000 Â $ 30,000 Â Â Â $ 30,000 Inventory write-downs Â 81,000 Â $ 629,000,000 Â Â Â Amortization Â Â $ 1,100,000 500,000 $ 1,100,000 Â Â Â Other amortization expense Â $ 1,000 Â 2,000 Â Â Â Â Revenue recognized Â Â Â $ 513,000 Â Â Â Â Previously reported loss per share (in Dollars per share) Â Â Â Â Â $ 28 WASO increased shares (in Shares) Â 8,211 Â 8,211 Â 8,518 Â 7 Developed Technology Rights [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Amortization Â $ 600,000 Â Â Â Â Â Â Customer Relationships [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Amortization Â $ 200,000 Â Â Â Â Â Â Inventory Exchanges [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Inventory write-downs Â Â $ 81,000 Â Â Â Â Minimum [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Estimated useful lives Â 3 years Â 3 years Â Â Â Â Maximum [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Estimated useful lives Â 10 years Â 10 years Â Â Â Â Weighted Average [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Previously reported loss per share (in Dollars per share) Â Â $ 0.04 Â $ 0.04 Â Â WASO increased shares (in Shares) Â 29,000 4,000 29,000 4,000 Â Â Â Per-Share Amounts [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Previously reported loss per share (in Dollars per share) Â $ 0.63 Â $ 0.63 Â Â Â Â Developed Technology Rights [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Amortization Â Â Â $ 600,000 Â Â Â Â Common Stock [Member] Â Â Â Â Â Â Â The Company and Summary of Significant Accounting Policies [Line Items] Â Â Â Â Â Â Â Outstanding common stock (in Shares) Â Â Â Â Â 40 Â X - DefinitionCommon stock and warrants for net proceeds. + ReferencesNo definition available. + Details Name: prso_NetProceedsFromCommonStockAndWarrants Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: prso_SpecificAllowance Namespace Prefix: prso_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount of allowance for credit loss on accounts receivable. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(5)) -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(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-4Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13 + Details Name: us-gaap_AllowanceForDoubtfulAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + 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 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2 + Details Name: us-gaap_AmortizationOfIntangibleAssets 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. + ReferencesReference 1: 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/1943274/2147483443/250-10-50-4 + Details Name: us-gaap_ChangeInAccountingEstimateLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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 warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of other common stock instruments held by shareholder, including, but not limited to, exchangeable shares. + ReferencesNo definition available. + Details Name: us-gaap_CommonStockOtherSharesOutstanding 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 - DefinitionUseful life of finite-lived intangible assets, 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_FiniteLivedIntangibleAssetUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant 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 allowance for credit loss on net investment in sales-type and direct financing leases. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13 + Details Name: us-gaap_NetInvestmentInLeaseAllowanceForCreditLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expense charged against earnings to allocate the cost of tangible and intangible assets over their remaining economic lives, classified as other. + 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://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_OtherDepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of accumulated undistributed earnings (deficit) available for dividend distribution. Includes, but is not limited to, retained earnings not appropriated for specific business purpose. + 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)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 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)(23)(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 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(e)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_RetainedEarningsUnappropriated Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_NonmonetaryTransactionTypeAxis=us-gaap_InventoryExchangesMember Namespace Prefix: Data Type: na Balance Type: Period Type: 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: X - Details Name: srt_RangeAxis=srt_WeightedAverageMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=prso_PerShareAmountsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 43 R33.htm IDEA: XBRL DOCUMENT v3.24.2.u1 The Company and Summary of Significant Accounting Policies (Details) - Schedule of Intangible Assets - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Schedule of Intangible Assets [Line Items] Â Â Gross Carrying Amount $ 8,468 $ 8,468 Accumulated Amortization (6,821) (5,082) Net Carrying Amount 1,647 3,280 Other Impairment Â (106) Developed technology [Member] Â Â Schedule of Intangible Assets [Line Items] Â Â Gross Carrying Amount 5,726 5,726 Accumulated Amortization (4,599) (3,471) Net Carrying Amount 1,127 2,255 Other Impairment Â Customer relationships [Member] Â Â Schedule of Intangible Assets [Line Items] Â Â Gross Carrying Amount 2,556 2,556 Accumulated Amortization (2,052) (1,550) Net Carrying Amount 504 1,006 Other Impairment Â Other [Member] Â Â Schedule of Intangible Assets [Line Items] Â Â Gross Carrying Amount 186 186 Accumulated Amortization (170) (61) Net Carrying Amount $ 16 19 Other Impairment Â $ (106) X - DefinitionAccumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 928 -SubTopic 340 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478859/928-340-50-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsGross 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 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-3Reference 7: 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 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated amortization of finite-lived intangible assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherFiniteLivedIntangibleAssetsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_DevelopedTechnologyRightsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=prso_OtherMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 44 R34.htm IDEA: XBRL DOCUMENT v3.24.2.u1 The Company and Summary of Significant Accounting Policies (Details) - Schedule of Computation of Diluted Net Loss Per Share - shares 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Schedule of Computation of Diluted Net Loss Per Share [Line Items] Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount 8,419 344 Escrow shares - exchangeable shares [Member] Â Â Schedule of Computation of Diluted Net Loss Per Share [Line Items] Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount 33 33 Escrow shares - common stock [Member] Â Â Schedule of Computation of Diluted Net Loss Per Share [Line Items] Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount 13 13 Options to purchase common stock [Member] Â Â Schedule of Computation of Diluted Net Loss Per Share [Line Items] Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount 34 37 Unvested restricted common stock units [Member] Â Â Schedule of Computation of Diluted Net Loss Per Share [Line Items] Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount 10 24 Warrants classified as equity [Member] Â Â Schedule of Computation of Diluted Net Loss Per Share [Line Items] Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount 8,094 Warrants classified as liabilities [Member] Â Â Schedule of Computation of Diluted Net Loss Per Share [Line Items] Â Â Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount 235 237 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=prso_EscrowSharesExchangeableSharesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=prso_EscrowSharesCommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=prso_OptionsToPurchaseCommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=prso_UnvestedRestrictedCommonStockUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=prso_WarrantsClassifiedAsEquityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=prso_CommonStockWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 45 R35.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value of Financial Instruments (Details) - Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis [Line Items] Â Â Money market funds [1] $ 1 $ 1 Warrant liabilities 103 1,748 Level 1 [Member] Â Â Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis [Line Items] Â Â Money market funds [1] Warrant liabilities Level 2 [Member] Â Â Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis [Line Items] Â Â Money market funds [1] Warrant liabilities Level 3 [Member] Â Â Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis [Line Items] Â Â Money market funds [1] Warrant liabilities $ 103 $ 1,748 [1] Amounts are included in cash and cash equivalents on the condensed consolidated balance sheets. 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 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -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 (bbb)(2) -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 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionInvestment in short-term money-market instruments (such as commercial paper, banker's acceptances, repurchase agreements, government securities, certificates of deposit, and so forth) which are highly liquid (that is, readily convertible to known amounts of cash) and so near their maturity that they present an insignificant risk of changes in value because of changes in interest rates. Generally, only investments with original maturities of three months or less qualify as cash equivalents by definition. Original maturity means an original maturity to the entity holding the investment. For example, both a three-month US Treasury bill and a three-year Treasury note purchased three months from maturity qualify as cash equivalents. However, a Treasury note purchased three-years ago does not become a cash equivalent when its remaining maturity is three months. + ReferencesNo definition available. + Details Name: us-gaap_MoneyMarketFundsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionValue of outstanding derivative securities that permit the holder the right to purchase securities (usually equity) from the issuer at a specified price. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -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 (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant 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 R36.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value of Financial Instruments (Details) - Schedule of Determination of Fair Value for its Financial Assets - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Schedule of Determination of Fair Value for its Financial Assets [Line Items] Â Â Cost $ 1,868 $ 1,583 Unrealized Gains Unrealized Losses Fair Value $ 1,868 $ 1,583 X - DefinitionAmount, before tax, of unrealized gain in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2 + Details Name: us-gaap_AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedGainBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, before tax, of unrealized loss in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2 + Details Name: us-gaap_AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedLossBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X -

DefinitionAmortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + 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)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 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/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: 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 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (aa) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481800/320-10-50-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-1Reference 9: 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-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479130/326-30-45-1 + Details Name: us-gaap_AvailableForSaleSecuritiesDebtSecurities 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 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(4)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 860 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481229/860-50-50-4 + Details Name: us-gaap_ServicingAssetsAtFairValueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 47 R37.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Balance Sheet Detail (Details) - Schedule of Inventories - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Inventories: Â Â Raw materials $ 192 $ 209 Work-in-process 1,380 1,517 Finished goods 1,034 880 Inventories total $ 2,606 $ 2,606 X - DefinitionAmount before valuation and LIFO reserves of completed merchandise or goods expected to be sold within one year or 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(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryFinishedGoods 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 - ReferencesNo definition available. + Details Name: us-gaap_InventoryNetAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount before valuation and LIFO reserves of raw materials expected to be sold, or consumed within one year or 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(6)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryRawMaterials Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before valuation and LIFO reserves of merchandise or goods in the production process expected to be completed within one year or 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(6)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcess Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 48 R38.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Balance Sheet Detail (Details) - Schedule of Accrued Expenses and Other - USD ($) $ in Thousands Jun. 30, 2024 Dec. 31, 2023 Accrued Expenses and Other: Â Â Accrued wages and employee benefits $ 444 $ 405 Professional fees, legal and consulting 179 158 Software license obligations (see Note 4) 1,015 Severance benefits (see Note 4) 419 Warranty accrual 28 37 Other 128 11 Total $ 2,213 $ 611 X - DefinitionCarrying value as of the balance sheet date of obligations, excluding pension and other postretirement benefits, incurred through that date and payable for perquisites provided to employees pertaining to services received from them. 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_AccruedEmployeeBenefitsCurrent 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 - ReferencesNo definition available. + Details Name: us-gaap_AccruedLiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying value as of the balance sheet date of obligations incurred through that date and payable for professional fees, such as for legal and accounting services received. 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_AccruedProfessionalFeesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount as of the balance sheet date of the aggregate extended product warranty liability. Does not include the ending balance for the standard product warranty liability. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_ExtendedProductWarrantyAccrual Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities incurred and payable to vendors for goods and services received classified as other, and expenses incurred but not yet paid, payable within one year or the operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_OtherAccountsPayableAndAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal amount of obligations related to rights to programming, including, but not limited to, feature films and episodic series, acquired under license agreements. + ReferencesNo definition available. + Details Name: us-gaap_ProgramRightsObligations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLiability for amount due employees, in addition to wages and any other money that employers owe employees, when their employment ends through a layoff or other termination. For example, a company may provide involuntarily terminated employees with a lump sum payment equal to one week's salary for every year of employment. + ReferencesNo definition available. + Details Name: us-gaap_SupplementalUnemploymentBenefitsSeveranceBenefits Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 49 R39.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Severance and Software License Obligations (Details) - USD ($) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Sep. 30, 2025 Dec. 31, 2023 Severance and Software License Obligations [Line Items] Â Â Â Â Severance charges $ 424,000 $ 446,000 Â Â Contractual liabilities 1,617,000 Â Â Â Total Liability 6,199,000 6,199,000 Â $ 6,631,000 contractual liabilities 257,000 257,000 Â Â Accounts payable and accrued expenses 1,015,000 1,015,000 Â Â Other long-term liabilities $ 261,000 261,000 Â Â Liability [Member] Â Â Â Â Severance and Software License Obligations [Line Items] Â Â Â Â Severance charges Â $ 419,000 Â Â Forecast [Member] Â Â Â Â Severance and Software License Obligations [Line Items] Â Â Â Â Total Liability Â Â $ 1,533,000 Â X - ReferencesNo definition available. + Details Name: prso_SeveranceandSoftwareLicenseObligationsDetailsLineItems Namespace Prefix: prso_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionSum of the carrying values as of the balance sheet date of obligations incurred through that date, including liabilities incurred and payable to vendors for goods and services received, taxes, interest, rent and utilities, compensation costs, payroll taxes and fringe benefits (other than pension and postretirement obligations), contractual rights and obligations, and statutory obligations. + 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(15)(5)) -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(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_AccountsPayableAndAccruedLiabilitiesCurrentAndNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe amount of contractual interest expense on prepetition liabilities not included in the statement of operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-3 + Details Name: us-gaap_ContractualInterestExpenseOnPrepetitionLiabilitiesNotRecognizedInStatementOfOperations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of contractual obligation, including, but not limited to, long-term debt, lease obligation, purchase obligation, and other commitments. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3 + Details Name: us-gaap_ContractualObligation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -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(20)) -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(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: 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)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: 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 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: 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 11: 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 12: 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 13: 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 14: 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 15: 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 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-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/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 - DefinitionAggregated carrying amounts of obligations as of the balance sheet date, excluding long-term debt, incurred as part of the normal operations that are expected to be paid after one year or beyond the normal operating cycle, if longer. Alternate captions include Total Deferred Credits and Other Liabilities. + ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesOtherThanLongtermDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated exit or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation. + 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/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_SeveranceCosts1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_FairValueByLiabilityClassAxis=us-gaap_LiabilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementScenarioAxis=srt_ScenarioForecastMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 50 R40.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies (Details) - USD ($) 3 Months Ended 6 Months Ended Nov. 01, 2022 Jun. 30, 2024 Dec. 31, 2023 Jun. 30, 2023 Jun. 30, 2024 Dec. 31, 2023 Jun. 30, 2023 Nov. 30, 2023 Mar. 01, 2022 Commitments and Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Lease incentive Â Â Â Â Â Â $ 286,200 Â Credit against the rent payment Â Â $ 35,775 Â Â $ 35,775 Â Â Â Amount of pending lease incentive Â $ 107,325 Â Â $ 107,325 Â Â Â Â Recognition of right-of-use asset Â $ 316,000 Â Â $ 316,000 Â Â Â Â Percentage of lease assets and liabilities Â 8.00% Â Â 8.00% Â Â Â Â Right-of-use asset $ 124,000 Â Â Â $ 1,000,000 Â Â Â Â Lease liability $ 117,000 $ 507,000 Â Â $ 507,000 Â Â Â $ 274,000 Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Â Right-of-use lease assets Â Â Right-of-use lease assets Â Â Â Â Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Â Right-of-use lease assets Â Â Right-of-use lease assets Â Â Â Â Operating Lease, Liability, Statement of Financial Position [Extensible Enumeration] Â Present value of lease liabilities Â Â Present value of lease liabilities Â Â Â Â Finance Lease, Liability, Statement of Financial Position [Extensible Enumeration] Â Present value of lease liabilities Â Â Present value of lease liabilities Â Â Â Â Rent expense Â $ 200,000 Â $ 200,000 $ 300,000 Â $ 400,000 Â Â Related expenditures Â 2,900,000 Â Â 2,900,000 Â Â Â Â License [Member] Â Â Â Â Â Â Â Â Â Commitments and Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Related expenditures Â $ 1,600,000 Â Â $ 1,600,000 Â Â Â Â Markham landlord [Member] Â Â Â Â Â Â Â Â Â Commitments and Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Payment of first installment of incentive Â Â 143,100 Â Â 143,100 Â Â Â Toronto lease [Member] Â Â Â Â Â Â Â Â Â Commitments and Contingencies [Line Items] Â Â Â Â Â Â Â Â Â Recognition of right-of-use asset Â Â $ 137,700 Â Â $ 137,700 Â Â Â Percentage of lease assets and liabilities Â 8.00% Â Â 8.00% Â Â Â Â X - DefinitionAmount of pending lease incentive. + ReferencesNo definition available. + Details Name: prso_AmountOfPendingLeaseIncentive Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lease liability. + ReferencesNo definition available. + Details Name: prso_LeaseLiability Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of payment greater than the preceding installment payments to be paid at final maturity date of debt. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentPeriodicPaymentTermsBalloonPaymentToBePaid 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 finance 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_FinanceLeaseLiabilityStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes finance lease right-of-use asset. + 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_FinanceLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - DefinitionAmount of incentive granted by lessor to lessee. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 840 -SubTopic 20 -Name Accounting Standards Codification -Section 25 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481178/840-20-25-6Reference 2: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 840 -SubTopic 20 -Name Accounting Standards Codification -Section 25 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481178/840-20-25-7Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 30 -Paragraph 5 -Subparagraph (a) -SubTopic 10 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479924/842-10-30-5 + Details Name: us-gaap_IncentiveToLessee Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionDiscount rate used by lessee to determine present value of operating lease payments. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-3 + Details Name: us-gaap_LesseeOperatingLeaseDiscountRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionAmount of the required periodic payments of both interest and principal. + 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(22)(b)) -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(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityPeriodicPayment 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. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap_LossContingenciesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionIndicates line item in statement of financial position that includes 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_OperatingLeaseLiabilityStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na 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 periodic reduction over lease term of carrying amount of right-of-use asset from operating lease. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OperatingLeaseRightOfUseAssetAmortizationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionIndicates line item in statement of financial position that includes operating lease right-of-use asset. + 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_OperatingLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList Namespace Prefix: us-gaap_ Data Type: enum2:enumerationSetItemType Balance Type: na Period Type: instant X - DefinitionCash payments to lessor's for use of assets under operating leases. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (g) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_PaymentsForRent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionStates the combined aggregate amount of maturities and sinking fund requirements for a long-term unconditional purchase obligation that has been recognized on the balance sheet. + ReferencesReference 1: 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_RecordedUnconditionalPurchaseObligationAmountOfMaturitiesAndSinkingFundRequirements Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: srt_ProductOrServiceAxis=us-gaap_LicenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RelatedPartyTransactionAxis=prso_MarkhamLandlordMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=prso_TorontoLeaseMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 51 R41.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies (Details) - Schedule of Lease - USD ($) 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Nov. 01, 2022 Mar. 01, 2022 Right-of-use assets: Â Â Â Â Operating leases $ 316,000 Â Â Â Finance leases 125,000 Â Â Â Total right-of-use assets 441,000 Â Â Â Lease liabilities: Â Â Â Â Operating leases 381,000 Â Â Â Finance leases 126,000 Â Â Â Total lease liabilities 507,000 Â $ 117,000 $ 274,000 Cash paid for amounts included in the measurement of lease liabilities: Â Â Â Â Operating cash flows for leases $ 211,000 $ 403,000 Â Â X - DefinitionAmount of lease liability. + ReferencesNo definition available. + Details Name: prso_LeaseLiability Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionRight-of-use assets. + ReferencesNo definition available. + Details Name: prso_RightofuseAssets Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_CashFlowOperatingActivitiesLesseeAbstract 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 finance 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/1943274/2147478964/842-20-50-6Reference 2: 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_FinanceLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after accumulated amortization, of right-of-use asset from finance 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_FinanceLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_FinanceLeaseRightOfUseAssetAfterAccumulatedAmortizationAbstract 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. + 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 X - ReferencesNo definition available. + Details Name: us-gaap_OperatingLeaseLiabilityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na 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 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 XML 52 R42.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Commitments and Contingencies (Details) - Schedule of Future Minimum Payments $ in Thousands Jun. 30, 2024 USD ($) Leases [Abstract] Â 2024 $ 190 2025 163

2026 106 2027 99 Total future lease payments 558 Less: imputed interest (51) Present value of lease liabilities $ 507 X - DefinitionThe amount of lease liabilities. + ReferencesNo definition available. + Details Name: prso_LeaseLiabilities Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating and financing 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). + ReferencesNo definition available. + Details Name: prso_LesseeOperatingAndFinancingLeaseLiabilityPaymentsDueNextTwelveMonths Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating and financing 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). + ReferencesNo definition available. + Details Name: prso_LesseeOperatingAndFinancingLeaseLiabilityPaymentsReminderFiscalYear Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating and financing 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). + ReferencesNo definition available. + Details Name: prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDue Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating and financing 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). + ReferencesNo definition available. + Details Name: prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDueYearThree Namespace Prefix: prso_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease and financing 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). + ReferencesNo definition available. + Details Name: prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: prso_ 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 and financing lease. + ReferencesNo definition available. + Details Name: prso_LesseeOperatingandFinancingLeaseLiabilityUndiscountedExcessAmount Namespace Prefix: prso_ 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 XML 53 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Business Segments, Concentration of Credit Risk and Significant Customers (Details) 6 Months Ended Jun. 30, 2024 Segment Reporting [Abstract] Â Operating segment 1 X - DefinitionNumber of operating segments. An operating segment is a component of an enterprise: (a) that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the same enterprise), (b) whose operating results are regularly reviewed by the enterprise's chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance, and (c) for which discrete financial information is available. An operating segment may engage in business activities for which it has yet to earn revenues, for example, start-up operations may be operating segments before earning revenues. + ReferencesReference 1: 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 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfOperatingSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 54 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Business Segments, Concentration of Credit Risk and Significant Customers (Details) - Schedule of Company Recognized Revenue - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Schedule of Company Recognized Revenue [Line Items] Â Â Â Â Total net revenue $ 4,238 $ 2,403 $ 7,054 $ 7,436 United States [Member] Â Â Â Â Schedule of Company Recognized Revenue [Line Items] Â Â Â Â Total net revenue 3,308 1,421 5,539 4,510 Hong Kong [Member] Â Â Â Â Schedule of Company Recognized Revenue [Line Items] Â Â Â Â Total net revenue 234 147 446 293 Taiwan [Member] Â Â Â Â Schedule of Company Recognized Revenue [Line Items] Â Â Â Â Total net revenue 71 562 161 1,991 Rest of world [Member] Â Â Â Â Schedule of Company Recognized Revenue [Line Items] Â Â Â Â Total net revenue $ 625 $ 273 $ 908 $ 642 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_EntityWideRevenueMajorCustomerLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss). + 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 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 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 (b) -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 (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: 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 8: 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 9: 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 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/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 21: 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 22: 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 23: 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 24: 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 25: 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 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_StatementGeographicalAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_HK 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=prso_RestOfWorldMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R45.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Business Segments, Concentration of Credit Risk and Significant Customers (Details) - Schedule of Breakdown of Product Revenue by Category - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Memory ICs [Member] Â Â Â Â Schedule of Breakdown of Product Revenue by Category [Line Items] Â Â Â Â Product category $ 3,428 $ 1,616 $ 5,811 $ 3,831 mmWave ICs [Member] Â Â Â Â Schedule of Breakdown of Product Revenue by Category [Line Items] Â Â Â Â Product category 127 559 204 2,004 mmWave modules [Member] Â Â Â Â Schedule of Breakdown of Product Revenue by Category [Line Items] Â Â Â Â Product category 553 60 757 1,284 mmWave other products [Member] Â Â Â Â Schedule of Breakdown of Product Revenue by Category [Line Items] Â Â Â Â Product category 1 13 4 Product category [Member] Â Â Â Â Schedule of Breakdown of Product Revenue by Category [Line Items] Â Â Â Â Product category $ 4,109 $ 2,235 $ 6,785 $ 7,123 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://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 944 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479808/944-20-55-15 + Details Name: us-gaap_NetAmountAtRiskByProductAndGuaranteeLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, including 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_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_ProductOrServiceAxis=prso_MemoryICsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=prso_mmWaveICsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=prso_mmWaveModulesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=prso_mmWaveOtherProductsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ProductOrServiceAxis=us-gaap_ProductMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 56 R46.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Business Segments, Concentration of Credit Risk and Significant Customers (Details) - Schedule of Concentration of Credit Risk 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Customer Concentration Risk [Member] | Customer A [Member] | Revenue Benchmark [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage 55.00% [1] 53.00% 10.00% Â Customer Concentration Risk [Member] | Customer A [Member] | Accounts Receivable [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage Â Â 24.00% Â 36.00% Customer Concentration Risk [Member] | Customer B [Member] | Revenue Benchmark [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage 24.00% 46.00% 23.00% 27.00% Â Customer Concentration Risk [Member] | Customer B [Member] | Accounts Receivable [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage Â Â 33.00% Â 33.00% Customer Concentration Risk [Member] | Customer C [Member] | Revenue Benchmark [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk

[Line Items] Â Â Â Â Â Concentration risk percentage 12.00% [1] [1] [1] Â Customer Concentration Risk [Member] | Customer C [Member] | Accounts Receivable [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage Â Â 33.00% Â [1] Customer Concentration Risk [Member] | Customer D [Member] | Revenue Benchmark [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage [1] 23.00% [1] 26.00% Â Customer Concentration Risk [Member] | Customer D [Member] | Accounts Receivable [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage Â Â [1] Â 14.00% Customer Concentration Risk [Member] | Customer E [Member] | Revenue Benchmark [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage [1] [1] [1] 15.00% Â Supplier Concentration Risk [Member] | Accounts Payable [Member] | Vendor A [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage Â Â 33.00% Â 47.00% Supplier Concentration Risk [Member] | Accounts Payable [Member] | Vendor B [Member] Â Â Â Â Â Schedule of Concentration of Credit Risk [Line Items] Â Â Â Â Â Concentration risk percentage Â Â 12.00% Â 12.00% [1] Represents less than 10% 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_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=prso_CustomerAMember 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: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_AccountsReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=prso_CustomerBMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=prso_CustomerCMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=prso_CustomerDMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=prso_CustomerEMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_SupplierConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_AccountsPayableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=prso_VendorAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=prso_VendorBMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 57 R47.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation (Details) - USD ($) $ in Millions 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Nov. 30, 2021 Aug. 31, 2019 Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Vesting period 10 years Â Â Â Restricted Stock Units (RSUs) [Member] Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Stock-based compensation expense $ 0.4 $ 0.5 Â Â Weighted average expected period over expense is to be recognized 8 months 12 days Â Â Â Unamortized compensation cost of restricted stock units $ 0.5 Â Â Â Stock Option [Member] Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Stock-based compensation expense 2.0 $ 2.1 Â Â Unamortized compensation cost of stock option $ 1.2 Â Â Â Weighted average expected period over expense is to be recognized 7 months 6 days Â Â Â Share-Based Payment Arrangement, Tranche One [Member] Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Vesting percentage 10.00% Â Â Â Stock Incentive Plan 2019 [Member] Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Common stock reserved for issuance Â Â 77,674 4,563 Exceed period 5 years Â Â Â Vesting period 10 years Â Â Â Stock Incentive Plan 2019 [Member] | Minimum [Member] Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Vesting period 3 years Â Â Â Stock Incentive Plan 2019 [Member] | Share-Based Payment Arrangement, Tranche One [Member] Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Â Â Vesting percentage 10.00% Â Â Â 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 - DefinitionAggregate number of common shares reserved for future issuance. + 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_CommonStockCapitalSharesReservedForFutureIssuance Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of cost to be recognized for nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedShareBasedAwardsOtherThanOptions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cost to be recognized for option under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedStockOptions Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPeriod over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition. + 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/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType 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. + 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 - DefinitionPercentage of vesting of award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardAwardVestingRightsPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPeriod from grant date that an equity-based award expires, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardExpirationPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_StockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VestingAxis=us-gaap_ShareBasedCompensationAwardTrancheOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=prso_StockIncentivePlan2019Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 58 R48.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation (Details) - Schedule of Options Outstanding - RSUs [Member] - $ / shares 3 Months Ended Jun. 30, 2024 Mar. 31, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Shares Available for Grant, Beginning Balance 39 39 Number of Shares, Beginning Balance 35 36 Weighted Average Exercise Prices, Beginning Balance (in Dollars per share) $ 126.7 $ 127 Shares Available for Grant, RSUs granted (2) Number of Shares, RSUs granted Weighted Average Exercise Prices, RSUs granted (in Dollars per share) Shares Available for Grant, RSUs cancelled and returned to the Plans 3 2 Number of Shares, RSUs cancelled and returned to the Plans Weighted Average Exercise Prices, RSUs cancelled and returned to the Plans (in Dollars per share) Shares Available for Grant, Options cancelled Number of Shares, Options cancelled (1) (1) Weighted Average Exercise Prices, Options cancelled (in Dollars per share) $ 150.19 $ 147.64 Shares Available for Grant, Ending Balance 42 39 Number of Shares, Ending Balance 34 35 Weighted Average Exercise Prices, Ending Balance (in Dollars per share) $ 125.99 $ 126.7 X - DefinitionNumber of shares, RSUs cancelled and returned to the plans. + ReferencesNo definition available. + Details Name: prso_NumberOfSharesRSUsCancelledAndReturnedToThePlansinDollarsPerShare Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionShares Available for Grant, Options cancelled. + ReferencesNo definition available. + Details Name: prso_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesCancelledAvailableForGrant Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionShares Available for Grant, RSUs granted. + ReferencesNo definition available. + Details Name: prso_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsSharesAvailableForGrantRSUsGranted Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionRepresent the number of options cancelled. + ReferencesNo definition available. + Details Name: prso_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsWeightedAverageExercisePricesOptionsCancelledinDollarsPerShare Namespace Prefix: prso_ Data Type: dtr:perShareItemType Balance Type: na Period Type: duration X - DefinitionShares available for grant, RSUs cancelled and returned to the plans. + ReferencesNo definition available. + Details Name: prso_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsSharesAvailableForGrantRSUsCancelledAndReturnedToThePlans Namespace Prefix: prso_ 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. + 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 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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 - DefinitionThe difference between the maximum number of shares (or other type of equity) authorized for issuance under the plan (including the effects of amendments and adjustments), and the sum of: 1) the number of shares (or other type of equity) already issued upon exercise of options or other equity-based awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable. + 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_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant 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 - DefinitionGross number of share options (or share units) granted during the period. + 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)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration 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 - 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 - 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 per share amount at which grantees can acquire shares of common stock by exercise of 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)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 59 R49.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation (Details) - Schedule of RSU Activity Under Plans - Restricted Stock Units (RSUs) [Member] - $ / shares 3 Months Ended Jun. 30, 2024 Mar. 31, 2024 Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Â Â Number of Shares, Beginning balance 15 15 Weighted Average Grant-Date Fair Value, Beginning balance $ 62.04 $ 69.63 Number of Shares, Granted Â 2 Weighted Average Grant-Date Fair Value, Granted Â $ 1.55 Number of Shares, Cancelled Â (2) Weighted Average Grant-Date Fair Value, Cancelled Â $ 53.54 Number of Shares, Ending balance 10 15 Weighted Average Grant-Date Fair Value, Ending balance $ 52.73 $ 62.04 Number of Shares, Vested (5) Â Weighted Average Grant-Date Fair Value, Vested $ 1.48 Â 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 - 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 - 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 - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 60 R50.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation (Details) - Schedule of Significant Ranges of Outstanding and Exercisable Options 6 Months Ended Jun. 30, 2024 USD ($) $ / shares shares $0.00 - $62.80 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Number Outstanding (in Shares) | shares 2 Options Outstanding, Weighted Average Remaining Contractual Life (in Years) 5 years 4 months 20 days Options Outstanding, Weighted Average Exercise Price $ 62.8 Options Exercisable, Number Exercisable (in Shares) | shares 2 Options Exercisable, Weighted Average Exercise Price $ 62.8 Options Exercisable, Aggregate Intrinsic value (in Dollars) | $ $62.81 - $599.60 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Number Outstanding (in Shares) | shares 32 Options Outstanding, Weighted Average Remaining Contractual Life (in Years) 6 years 2 months 26 days Options Outstanding, Weighted Average Exercise Price $ 108.13 Options Exercisable, Number Exercisable (in Shares) | shares 28 Options Exercisable, Weighted Average Exercise Price $ 107.91 Options Exercisable, Aggregate Intrinsic value (in Dollars) | $ $0.00 - $599.60 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Number Outstanding (in Shares) | shares 34 Options Outstanding, Weighted Average Remaining Contractual Life (in Years) 6 years 2 months 4 days Options Outstanding, Weighted Average Exercise Price $ 125.99 Options Exercisable, Number Exercisable (in Shares) | shares 30 Options Exercisable, Weighted Average Exercise Price $ 128.17 Options Exercisable, Aggregate Intrinsic value (in Dollars) | $ Minimum [Member] | $0.00 - $62.80 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Range of Exercise Price $ 0 Minimum [Member] | $62.81 - $599.60 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Range of Exercise Price 62.81 Minimum [Member] | $0.00 - $599.60 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Range of Exercise Price 0 Maximum [Member] | $0.00 - $62.80 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Range of Exercise Price 62.8 Maximum [Member] | $62.81 - $599.60 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Range of Exercise Price 599.6 Maximum [Member] | $0.00 - $599.60 [Member] Â Schedule of Significant Ranges of Outstanding and Exercisable Options [Line Items] Â Options Outstanding, Range of Exercise Price $ 599.6 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 - 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_ShareBasedCompensationSharesAuthorizedUnderStockOptionPlansExercisePriceRangeLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe floor of a customized range of exercise prices for purposes of disclosing shares potentially issuable under outstanding stock option awards on all stock option plans and other required information pertaining to awards in the customized range. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationSharesAuthorizedUnderStockOptionPlansExercisePriceRangeLowerRangeLimit Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of shares reserved for issuance pertaining to the outstanding exercisable stock options as of the balance sheet date in the customized range of exercise prices for which the market and performance vesting condition has been satisfied. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (c)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationSharesAuthorizedUnderStockOptionPlansExercisePriceRangeNumberOfExercisableOptions Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe number of shares reserved for issuance pertaining to the outstanding stock options as of the balance sheet date for all option plans in the customized range of exercise prices. + 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)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationSharesAuthorizedUnderStockOptionPlansExercisePriceRangeNumberOfOutstandingOptions Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted average exercise price as of the balance sheet date for those equity-based payment arrangements exercisable and outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationSharesAuthorizedUnderStockOptionPlansExercisePriceRangeExercisableOptionsWeightedAverageExercisePrice1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe weighted average price as of the balance sheet date at which grantees could acquire the underlying shares with respect to all outstanding stock options which are in the customized range of exercise prices. + 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)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationSharesAuthorizedUnderStockOptionPlansExercisePriceRangeOutstandingOptionsWeightedAverageExercisePriceBeginningBalance1 Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionWeighted average remaining contractual term of outstanding stock 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_SharebasedCompensationSharesAuthorizedUnderStockOptionPlansExercisePriceRangeOutstandingOptionsWeightedAverageRemainingContractualTerm2 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=prso_OutstandingAndExercisableOptionsOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=prso_OutstandingAndExercisableOptionsTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=prso_OutstandingAndExercisableOptionsThreeMember Namespace Prefix: Data Type: na Balance Type: Period Type: 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 61 R51.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Equity (Details) - USD ($) 3 Months Ended 6 Months Ended Jun. 11, 2024 Feb. 08, 2024 Feb. 07, 2024 Feb. 06, 2024 Jun. 30, 2024 Mar. 31, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2023 Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Aggregate exchangeable shares Â Â Â Â Â Â Â 32,822 Â Â Percentage of exchangeable shares Â Â Â Â Â Â Â 10.00% Â Â Voting power percentage Â Â Â Â Â Â Â 50.00% Â Â Stock Issued During Period, Shares, New Issues Â 139,108 82,500 571,428 Â Â Â Â Â Â Additional shares of common stock Â Â Â 285,714 Â Â Â Â Â Â Warrants to purchase Â Â Â 571,428 Â Â Â Â Â Â Initial exercise price (in Dollars per share) Â Â Â Â Â Â Â Â $ 28 Proceeds from warrants (in Dollars) Â Â Â Â Â Â Â $ 3,400,000 Â Â Exercise price (in Dollars per share) Â $ 2.625 Â Â Â Â Â Â Â Â Aggregate proceeds of common stock (in Dollars) Â Â Â Â Â Â Â $ 3,559,000 $ 3,570,000 Â Pre-funded Warrants [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Stock Issued During Period, Shares, New Issues Â Â Â 1,424,760 Â Â Â Â Â Â Initial exercise price (in Dollars per share) Â Â Â Â 0.001 Â Â $ 0.001 Â Â Series A Warrants [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Warrants to purchase Â Â 165,000 Â Â Â Â Â Â Â Series B Warrants [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Warrants to purchase Â Â 165,000 Â Â Â Â Â Â Â Initial exercise price (in Dollars per share) Â Â Â Â $ 2.25 Â Â $ 2.25 Â Â Warrant [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Shares exercised Â Â Â Â 307,460 Â Â Â Â Â Maximum [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Percentage of warrants to the extent Â Â Â Â Â Â Â 9.99% Â Â Minimum [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Percentage of warrants to the extent Â Â Â Â Â Â Â 4.99% Â Â Common Stock [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Stock Issued During Period, Shares, New Issues Â Â Â Â 100,000 563,000 56,000 Â Â Â Shares exercised Â Â Â Â 307,000 1,001,000 53,000 Â Â Â Common Stock [Member] | Series A warrants and Series B warrants [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Initial exercise price (in Dollars per share) Â Â Â $ 2.1 Â Â Â Â Â Â Pre-funded Warrants [Member] | Series A warrants and Series B warrants [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Initial exercise price (in Dollars per share) Â Â Â $ 2.099 Â Â Â Â Â Â Board [Member] | Purchase Agreement [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Stock Issued During Period, Shares, New Issues 100,000 Â Â Â Â Â Â Â Â Â Exercise price (in Dollars per share) $ 1.27 Â Â Â Â Â Â Â Â Â Common Stock [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Aggregate exchangeable shares Â Â Â Â Â Â Â 12,564 Â Â Price per share (in Dollars per share) Â Â Â Â $ 342.8 Â Â $ 342.8 Â Â Stock Issued During Period, Shares, New Issues Â Â Â 480,000 Â Â Â Â Â Â Exercise price (in Dollars per share) Â Â Â Â $ 0.001 $ 0.001 Â $ 0.001 Â Â Aggregate proceeds of common stock (in Dollars) Â Â Â Â $ 307,000 $ 127 Â Â Â Â Common Stock [Member] | Warrant [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Exercise price (in Dollars per share) Â Â Â Â Â $ 0.001 Â Â Â Â Shares exercised Â Â Â Â Â 674,920 Â Â Â Â Aggregate proceeds of common stock (in Dollars) Â Â Â Â Â $ 675,000 Â Â Â Â Common Stock [Member] | Warrants Classified as Equity [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Shares exercised Â Â Â Â Â 326,190 Â Â Â Â Series A Common Stock

[Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Stock Issued During Period, Shares, New Issues Â Â Â 3,809,520 Â Â Â Â Â Â Series B Common Stock [Member] Â Â Â Â Â Â Â Â Â Â Equity [Line Items] Â Â Â Â Â Â Â Â Â Â Stock Issued During Period, Shares, New Issues Â Â Â 3,809,520 Â Â Â Â Â Â X - DefinitionAggregate exchangeable shares. + ReferencesNo definition available. + Details Name: prso_AggregateExchangeableShares Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionPercentage of exchangeable shares. + ReferencesNo definition available. + Details Name: prso_ExchangeableSharesPercentage Namespace Prefix: prso_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionPercentage of warrants to the extent. + ReferencesNo definition available. + Details Name: prso_PercentageOfWarrantsToTheExtent Namespace Prefix: prso_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - DefinitionVoting power percentage. + ReferencesNo definition available. + Details Name: prso_VotingPowerPercentage Namespace Prefix: prso_ Data Type: dtr:percentItemType 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 2: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 272 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483014/272-10-45-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 272 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482987/272-10-50-1Reference 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(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-13Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-14Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-18Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(27)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -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 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -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 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3 + Details Name: us-gaap_ClassOfStockLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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 - DefinitionNumber of excess stock shares of an entity that have been sold or granted to shareholders. + ReferencesNo definition available. + Details Name: us-gaap_ExcessStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe cash inflow from the additional capital contribution to the entity. + 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/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from issuance of rights to purchase common shares at predetermined price (usually issued together with corporate debt). + 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/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfWarrants Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionPer share amount received by subsidiary or equity investee for each share of common stock issued or sold in the stock transaction. + ReferencesNo definition available. + Details Name: us-gaap_SaleOfStockPricePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionPer share or per unit amount of equity securities issued. + ReferencesNo definition available. + Details Name: us-gaap_SharesIssuedPricePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of new stock issued during the 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 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -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 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 7: 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_StockIssuedDuringPeriodSharesNewIssues Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType 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 X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_PrefundedWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_SeriesAWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_SeriesBWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=us-gaap_WarrantMember 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: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_SeriesAWarrantsAndSeriesBWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=prso_PrefundedWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=prso_BoardMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=prso_PurchaseAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_WarrantsClassifiedAsEquityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=prso_SeriesACommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=prso_SeriesBCommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 62 R52.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Equity (Details) - Schedule of Equity-Classified Common Stock Purchase Warrants Outstanding - $ / shares 3 Months Ended 6 Months Ended Jun. 30, 2024 Mar. 31, 2024 Jun. 30, 2024 Schedule of Equity-Classified Warrants Outstanding [Line Items] Â Â Â Number of Shares, Beginning Balance 8,518 7 7 Exercise Price, Beginning Balance (in Dollars per share) Â $ 28 $ 28 Expiration, Beginning Balance Â Jun. 28, 2023 Â Number of Shares, Pre-funded warrants issued Â 1,425 Â Exercise Price, Pre-funded warrants issued (in Dollars per share) Â $ 0.001 Â Expiration, Pre-funded warrants issued Â Â Number of Shares, Pre-funded warrants exercised (307) (1,001) Â Exercise Price, Pre-funded warrants exercised (in Dollars per share) $ 0.001 $ 0.001 Â Expiration, Pre-funded warrants exercised Â Number of Shares, Ending Balance 8,211 8,518 8,211 Exercise Price, Ending Balance (in Dollars per share) Â Expiration, Ending Balance Â Â Series A warrants issued [Member] Â Â Â Schedule of Equity-Classified Warrants Outstanding [Line Items] Â Â Â Number of Shares, warrants issued Â 3,974 Â Exercise Price, warrants issued (in Dollars per share) Â $ 2.25 Â Expiration, warrants issued Â February 8, 2029 Â Series A warrants issued [Member] Â Â Â Schedule of Equity-Classified Warrants Outstanding [Line Items] Â Â Â Number of Shares, warrants issued Â 139 Â Exercise Price, warrants issued (in Dollars per share) Â $ 2.625 Â Expiration, warrants issued Â February 8, 2029 Â Series B warrants issued [Member] Â Â Â Schedule of Equity-Classified Warrants Outstanding [Line Items] Â Â Â Number of Shares, warrants issued Â 3,974 Â Exercise Price, warrants issued (in Dollars per share) Â $ 2.25 Â Expiration, warrants issued Â August 8, 2024 Â X - DefinitionExpiration, Ending Balance. + ReferencesNo definition available. + Details Name: prso_ClassOfWarrantOrRighstDateFromWhichWarrantsOrRightExercisable Namespace Prefix: prso_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionExercise Price, Pre-funded warrants exercised. + ReferencesNo definition available. + Details Name: prso_ExercisePricePrefundedWarrantsExercised Namespace Prefix: prso_ Data Type: dtr:perShareItemType Balance Type: na Period Type: duration X - DefinitionExercise Price, warrants issued. + ReferencesNo definition available. + Details Name: prso_ExercisePriceWarrantsIssued Namespace Prefix: prso_ Data Type: dtr:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: prso_ExpirationPrefundedWarrantsExercised Namespace Prefix: prso_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: prso_ExpirationPrefundedWarrantsIssued Namespace Prefix: prso_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: prso_ExpirationWarrantsIssued Namespace Prefix: prso_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of Shares, Pre-funded warrants exercised. + ReferencesNo definition available. + Details Name: prso_Prefundedwarrantsexercised Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of Shares, Pre-funded warrants issued. + ReferencesNo definition available. + Details Name: prso_Prefundedwarrantsissued Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionExercise Price, Pre-funded warrants issued. + ReferencesNo definition available. + Details Name: prso_PrefundedwarrantsissuedExercisePrice Namespace Prefix: prso_ Data Type: dtr:perShareItemType Balance Type: na Period Type: duration X - DefinitionNumber of Shares, warrants issued. + ReferencesNo definition available. + Details Name: prso_SeriesWarrantIssued Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionDate the warrants or rights are exercisable, in YYYY-MM-DD format. + 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_ClassOfWarrantOrRighstDateFromWhichWarrantsOrRightsExercisable Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration 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 - 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_ClassOfWarrantOrRightLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_SeriesAWarrantsIssuedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_SeriesAWarrantsIssuedOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_SeriesBWarrantsIssuedMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 63 R53.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrants Classified as Liabilities (Details) 6 Months Ended Jun. 30, 2024 Warrants Classified as Liabilities [Abstract] Â Percentage fair value volatility 100.00% X - DefinitionPercentage of fair value volatility. + ReferencesNo definition available. + Details Name: prso_PercentageOfFairValueVolatility Namespace Prefix: prso_ Data Type: dtr:percentItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_WarrantsAndRightsNoteDisclosureAbstract Namespace Prefix: us-

gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 64 R54.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrants Classified as Liabilities (Details) - Schedule of Liability-Classified Warrants Outstanding 6 Months Ended Jun. 30, 2024 $ / shares shares November 2022 [Member] Â Schedule of Liability-Classified Warrants Outstanding [Line Items] Â Warrant issued, Number of Shares 92 Warrant issued, Exercise Price (in Dollars per share) | $ / shares $ 40 Warrant issued, Expiration Date May 28, 2028 June 2023 [Member] Â Schedule of Liability-Classified Warrants Outstanding [Line Items] Â Warrant issued, Number of Shares 143 Warrant issued, Exercise Price (in Dollars per share) | $ / shares $ 28 Warrant issued, Expiration Date Jun. 02, 2028 Lliability-Classified Warrants [Member] Â Schedule of Liability-Classified Warrants Outstanding [Line Items] Â Warrant issued, Number of Shares 235 X - DefinitionDate the warrants or rights are exercisable, in YYYY-MM-DD format. + 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_ClassOfWarrantOrRighstDateFromWhichWarrantsOrRightsExercisable Namespace Prefix: us-gaap_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration 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 - 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_ClassOfWarrantOrRightLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_WarrantsIssuedNovemberTwoZeroTwoTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_WarrantsIssuedJuneTwoZeroTwoThreeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_LliabilityClassifiedWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 65 R55.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrants Classified as Liabilities (Details) - Schedule of Fair Value of Warrants - Warrants Outstanding [Member] - USD ($) $ in Thousands 3 Months Ended 6 Months Ended Jun. 30, 2024 Mar. 31, 2024 Jun. 30, 2024 Schedule of Fair Value of Warrants [Line Items] Â Â Number of Shares, Beginning Balance 235 235 235 Fair Value, beginning $ 157 $ 1,748 $ 1,748 Change in fair value of warrants, Number of Shares Â Change in fair value of warrants, Fair Value $ (54) $ (1,591) Â Number of Shares, Ending Balance 235 235 235 Fair Value, ending $ 103 $ 157 $ 103 X - DefinitionNumber of warrants on common shares, change in fair value of warrants. + ReferencesNo definition available. + Details Name: prso_NumberOfWarrantsOnCommonSharesChangeInFairValueOfWarrants Namespace Prefix: prso_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of warrants or rights outstanding. + ReferencesNo definition available. + Details Name: us-gaap_ClassOfWarrantOrRightOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionAmount of expense (income) related to adjustment to fair value of warrant liability. + 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://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 25 -Paragraph 13 -SubTopic 10 -Topic 480 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481766/480-10-25-13 + Details Name: us-gaap_FairValueAdjustmentOfWarrants 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -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 2 -Subparagraph (c)(3) -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 (c)(2) -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 2 -Subparagraph (c)(1a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionValue of outstanding derivative securities that permit the holder the right to purchase securities (usually equity) from the issuer at a specified price. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -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 (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_FairValueByLiabilityClassAxis=prso_WarrantsOutstandingMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 66 R56.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Warrants Classified as Liabilities (Details) - Schedule of Black Scholes Model Jun. 30, 2024 Dec. 31, 2023 Measurement Input, Expected Term [Member] | 2022 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 3.9 4.4 Measurement Input, Expected Term [Member] | 2023 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 3.9 4.4 Measurement Input, Risk Free Interest Rate [Member] | 2022 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 4.37 3.84 Measurement Input, Risk Free Interest Rate [Member] | 2023 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 4.37 3.84 Measurement Input, Price Volatility [Member] | 2022 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 118 116 Measurement Input, Price Volatility [Member] | 2023 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 118 116 Measurement Input, Expected Dividend Rate [Member] | 2022 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input Measurement Input, Expected Dividend Rate [Member] | 2023 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input Measurement Input Fair value of warrants [Member] | 2022 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 37 653 Measurement Input Fair value of warrants [Member] | 2023 Purchase Warrant [Member] Â Â Schedule of Black Scholes Model [Line Items] Â Â Warrant measurement input 66 1,095 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 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -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 (bbb)(2) -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 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionValue of input used to measure outstanding warrant and right embodying unconditional obligation requiring redemption by transferring asset at specified or determinable date or upon event certain to occur. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -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 (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_WarrantsAndRightsOutstandingMeasurementInput Namespace Prefix: us-gaap_ Data Type: xbrli:decimalItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputExpectedTermMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_TwoZeroTwoTwoPurchaseWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ClassOfWarrantOrRightAxis=prso_TwoZeroTwoThreePurchaseWarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputRiskFreeInterestRateMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputPriceVolatilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=us-gaap_MeasurementInputExpectedDividendRateMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_MeasurementInputTypeAxis=prso_MeasurementInputFairValueOfWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 67 R57.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Related Party Transactions (Details) - USD ($) 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Related Party Transactions [Abstract] Â Â Payment to employee $ 27,800 $ 55,300 X - DefinitionPayments of cash to employees, including wages and salaries, during the current period. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-17 + Details Name: us-gaap_PaymentsToEmployees Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 68 R58.htm IDEA: XBRL DOCUMENT v3.24.2.u1 License and Asset Sale Transaction (Details) - USD ($) 3 Months Ended 6 Months Ended 12 Months Ended Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Dec. 31, 2022 License and Asset Sale Transaction [Line Items] Â Â Â Â Company paid Â $ 3,062,500 Â Â Closing transaction Â $ 437,500 Â Â Gain on this transaction $ 400,000 Â $ 400,000 $ 2,600,000 X - DefinitionAmount of acquirer's equity interest issued and issuable as part of consideration transferred in asset acquisition. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480060/805-50-25-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 30 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480027/805-50-30-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 30 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480027/805-50-30-2 + Details Name: us-gaap_AssetAcquisitionConsiderationTransferredEquityInterestIssuedAndIssuable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of transaction cost incurred as part of consideration transferred in asset acquisition. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479908/805-50-55-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480060/805-50-25-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 30 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480027/805-50-30-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 805 -SubTopic 50 -Name Accounting Standards Codification -Section 30 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480027/805-50-30-2 + Details Name: us-gaap_AssetAcquisitionConsiderationTransferredTransactionCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) on sale and leaseback transaction from transfer of asset accounted for as sale. + 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 (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479741/842-40-50-2 + Details Name: us-gaap_SaleAndLeasebackTransactionGainLossNet 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. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 840 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481295/840-40-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479741/842-40-50-2 + Details Name: us-gaap_SaleLeasebackTransactionLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 69 R59.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Memory IC Product End-of-Life (Details) $ in Millions 6 Months Ended Jun. 30, 2024 USD ($) Memory IC Product End-of-Life [Abstract] Â Non-cancelable purchase orders from customers $ 9.1 X - ReferencesNo definition available. + Details Name: prso_MemoryICProductEndofLifeAbstract Namespace Prefix: prso_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCash receipts from customers during the current period which are usually for sales of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_ProceedsFromCustomers Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration EXCEL 70 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 (J(#5D'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V./0L",1!$_\IQO;=!P4)B0)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 " *B U9.[9"8N\ K @ $0 &1O8U!R;W!S+V-O&ULS9)1 M2\,P$,>_BN2]O:05E=#E9<,G!<&!XEM(;EM8TX;DI-VW-ZU;A^@'\#%W__SN M=W"-"=+T$5]B'S"2PW0S^K9+TH05.Q %"9#, ;U.94YTN;GKH]>4GW$/09NC MWB-4G-^!1]6DX8)6(2%R%1CC3O1-?7QC+=FP8?/V,XP:P!;]-A1 E$*8&J: M&$YCV\
5,,$(HT_?!;0+<:[^B9T[P,[),;DE-0Q#.=1S+N\@X/WYZ75>MW!= M(MT9S+^2DW0*N&*7R6_U>K-]9*KBU6W!'PI1;RLA.9?\_F-R_>%W%?:]=3OW MCXTO@JJ!7W>AO@!02P,$% @
"H@-69E&UL[5I;<]HX%'[OK]!X9_9M"\8V@;:T$W-&W$B4X6%'ANG:%]NNC P54> +]O6N[!3+ MUES@6QHO(];JM-O=5H1I;*$81V1V@?
5XL:$#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" *B U9%)*TZS<& #5(@ &
'AL+W=O'EH<3QEO%O8D6I1*]1&(NKUDK*]8=.1W@K&A%Q MR=8TACL+QB,BX90O.V+-*?'3H"CL8,OJ=R(2Q*W).+TVXY,Q2V08Q'3&D4BB MB/"W:QJR[57+;NTN/ 7+E507.I/QFBSIG,K?
US,.9YU"Q0\B&HN Q8C3Q55K M:G]PG;X*2)_X(Z!;L7>,E)47QKZIDWO_JF6I$M&0>E))$/BSH2X-0Z4$Y?@W M%VT5OZD"]X]WZG>I>3#S0@1U6?AGX,O556O80CY=D"243VS[*\T-]92>QT*1
M_H^VV;/=;@MYB9 LRH.A!%$09W_):UX1^P%V10#._!W 7;5+SAY@,:S4J6 MVKHADDS&G&T15T^#FCI(ZR:-!C=!K-(XEQSN!A G)R[;4((:2*P(IV+8FLD2[\H#A.43].JN=4Z-
TP+X%6*]%]G/49U?;^_@1/H7M)(_&/ MKLHRR:Y>4G7,#V)-/'K5@IXG*-_0UN2G'^R^];/.[YG$#MQW"_==DWKI_OEM M375.S>&VU?ZBLV2,.M%2K[#4JV?I2T*XI#Q\0T]TS;C4V3-
+29[H*L4U1IUH MKU_8Z]?,&""@,#@P%NHVEH%\@^X(N]A@_R^/>5*K79KEOF"M1V/0J1YQZ1$;Y_YBJ*D_\^>* M9YKZSZ5VZ+]$']O(%CO_3W09" G3B40/)-+VUR-"L]NGZ?P1W3^XEUJ;32".
M73*.;::4W*8+K9E#2[X'D'U%O]$WK5&SE 7_AB/+&>F[;!/<8Y?@8YMQ)?=Y M%X04/231"^5:AV81,-AV\ B/M :;(!^[1!_;S"NYP6?RBNY]R&:P"+RLVQKL MFB4'@[:%1_:H:VO]-
@%"=DE"=DT4\A@'PDNM7]Y"YA$D5,8Y>!Q6WB>11D0,3/!+5^FT F7"(3-B))DY4IR4XX5&=D6NV8M!'[V ID+&_.#YRG0F$\EIH M JN<$JL<,P^E77;**:E,[Q&!=UUK^%[[.:()H')*H'+,
(/2)I6^;TNQ6K^J. MB'3M87O0LRRMOR8 RBD!RJGUSNE3(!3M'V^USEE?.)U+[=#\WK!;/SNY3V:4R_A4!M:WV8E(+((UOUSR;QO%V@-J\0-"1.*?K0N+B]12\LU'HW"\R>YH]:7TW E%/"E&,FGUTV
MT>VKMR+QDE:^33PB]#"=WTRUWQ7-@:&%2LB@]7%'B M4ZX>@/L+QN3N1/U L9-E\A]02P,$% @ "H@-607(\C% !@ UAP !@ M !X;"]W;W)KWEF)#HF*HFN2.6R7[]#69%LD:+CK?0FCV(
M\KM<,:;08YX5\F*T4FK];CR6R8KE5)Z)-2O@R5*4.55P6]Z-Y;ID-*V=\FQ, M/"\:YY07H_FL_NVFG,]$I3)>L)L2R2K/:?GTGF7BX6*$1_?.)W*Z5_&,]G M:WK'%DQ]6=^4<#=NHZ0\9X7DHD
E6UZ,+O&[*S_0#K7%5\X>Y-8UTJG<"O%= MWWQ(+T:>1L0REB@=@L*_>W;%LDQ' AP_FJ"C=DSMN'W]'/VW.GE(YI9*=B6R M;SQ5JXO19(12MJ15ICZ)A]]9DU"HXR4BD_5?]-
#8>B.45%*)O'$&!#DO-O_I M8U.(+0<<##B0QH&\U,%O'/PZT0VR.JUKJNA\5HH'5&IKB*8OZMK4WI -+_0T M+E0)3SGXJ?F5*%*8%)8BN)(BXRE59K1(&%KHP!*=HB^+:_3FU5OT"O$" M?
5Z)2M(BE;.Q @PZTCAIQGN_&8\,C/>Q*LZ0[YT@XI' XG[E=K]F";CCVMW? M=1]#YFWZI$V?U/'\H?2KLF2%0E1*R-.6SL8_L/OK1?9.KFG"+D:PBB0K[]EH M_OH7'"GGMN2.%&PG5]-
U7=%GU]1N4(P:2C1%^Q'Q>]I!KE;L]Z$BNI0NA/< MS_$DFLS&J]O96(S"B=\:[: ,6I2!$^5EDH@*0$&+2!@@O,W8"2J8LH'<1 JW MQP\BKP?2-(I];,<8MAA#)\8/Q3W43928K8XUJO:UE/N5
K5MI@1@:"">Y7T+2)B&<'&;<@8R?(ST+1#-K;OL47 MFT/'0=##9QJ%83 <-("G.RI(A!EJ9[JZNFUL@;J4H.S/3'+Z,4]F*8-QN' M9$];F%,GS)IU3\7RM)(,90SHS%',J0$@"'
/I&D3X=".$7L=Q7A[UHNBQ1V' MI=R@&ZQC$VBG2%'0KZ3%RB>3@1G'6TR(G3#_'EHDC=\.*M)?)5:C@6:(.WK"
M3DIH%LKPG#;NVZ-.XW#:QV9:82_&P0"ZCE&P_R+VS#B]Y1E7T"M()W$='B' M'BO:;LX=/^$7$M2:/FEVLB9LD@[Q<9\^;59!,!F8E(Z$!%L4=4V$W55VS)8,7* 6N!T*M[*4TV2>>&@W!-
,+8&^I;'4EA M-TLM5J)4IXJ5>=-;]WG)A.1F/2QFD9^/-2[.KK";K(:)=1].$TJ"B//:&BF M51#Z0SVC8RSLIJP_1'%W2$U-1B)^V(=J&oG!U(Z4=+1%W+15\P'*.KQNI,1D M)1+U^=4]I+UY(=
<^IV,WXF:W;[0LZ?YW@UAHS.NW YM1/-2YR-9>"5DMP^MR641GO89SV85#>E^TA$>V;.'$GG.E9:"F[::B$+QXHX5":!%;_X2BJ'PK17V M?V M9-U"_GR@W>0[YB.!D^T72B3?5R)+62E?
S(A.#ZOI;%ZLB;LI-&#-\Y' MBK:;>L>IQ,VIL*EJJ$KJ(IP@V#K;^A^2*EEI>5 IXDO_#TG-$3F(O:A HEB__F62ZEE M2:U&*B5A2YA^"TD%4H8]5P=HSH=K@&C_^2UTW^>CGA/0"'+-ZC._S/Z^F1K
M:%L6F3#0$3J-0-P:X=?'9 6;&Z:E8),I[&[$=KTJ<(*NH5\>LV*3>+M,.:L&7/*4>! MU]+G0WWRH-:O&_9AX?& 9S%*O"&C@G]3L,X;CUCB(5Z51R8@*EC M++MGBY5C]^QW(Z!(M8-5R2.:KT&
("=613,ZX5^%%/I8\5;;<. M6^?2[E.$PW2%?]3#A&-%VTV]DU2^^S#AY;K"'>B WGV$0)MDQUL?G?07OS]I M><<+"=NZ)43VSF)8,.7F(]KF1HEU_1WJ5B@E\OIRQ2C,NC: YTL!\KFYT9^V
MVD^9\W\!4$L#!!0 (J(#5EE,=7^R@, -T0 8 >&PO=V]R:W-H M965T&ULK9AM]LV$,>_"J$-0PMTT8-CV90*@T$M*F9PZ MB5+9O>O**($4RQN>=._K+E(L=)-L7%E)@#'A5-*W<#S0C?
%A#FS2=&W%+,) MSQ4E#)8"R3Q-L2AW#I3OIH[O[#(N^D4VB3(<[FV1X RM0W[.ET"VW5HE)"DP2 MSI"]=1Y\.\7_M@X%!8_".SDP3LRH3QQ_FP:G^.IXQDBH! I(X'U8PL+H-0H
M:8Y_*E&G'M,X'K[OU3\5P>M@GK"$!:=_DU@E4V?LH!C6.*?J&]_]"55 0Z,7 M<2J+OVA7V7H.BG*I>%HY:X*4L/*)7ZJ).'#0.MT.0>40'#N$9QP&E<.@"+0D M*\)ZQ
K/)H+OD##66LV\%'-3>.MH"#/+N%)"_TJTGYHM.(OUHD",])ODE,18 MZ<8<4\PB0"LC+-&[)1; 5 **1)C*]^AW]"MRD4QTM]P_"$-_)3R7F,5RXBH- M9X9PHPID7H($9T!"])7K$23ZJ('B#O^%W=\/+
*NGI5Z:H+]U,P#J^*7G-V@ M@?T5OJ_0U"Z,71FR)Z_H R+- 6 MTQS0.SWUCYQ2+"3*0)0+\KYK#K:5F_7:04E1' M/;)&O>!IJD^3-Z14J3N9\M)3O59M>#'-?SX OA79=3X)%?\KI3J-6OQWM6\ M=Y?
SGD^HN].\'GGA$>FI43@:=&/Z7G,H>I>#]B1")=F#VV%UGO?@$/>MO!]? MH@2S#> G"A7N=9O9/LX%Z?P3A-IS$31S$5P^%Z_*C1[A[[HG)>I,<7*5;SO$ MIA+P[:6 +<2^73HXV7_CT?
$>/;6Y&Y[9HLWY[]L+@!4(HO$>T"]#B&"*?G"E M&5%S[*Q,MG4R6Y6[]])OO_BA]T?G2OTDM?8\-&6%?V%=<56:#E]3Q_59M2-H MZ@3_ND*A)[G"TR/EF-=FTH9MCG???KY?
7L95@E90FTD;M#G*??M9?F7YY7>< MU,>T-I.2UCVX0*8@-L6]6]*(YTR5=\FZM[Z(/Q0W5KEQ1WJ7+AN)9<1U]XDI?;HO7!' ,PACHW]>KEQ7RQ70MT83Z\W>$D>B/BRN6/R:GQ@R8LUJ7A!*\#(
MXF;T 5YE*%$&->*O@CSQH^] N?)(Z3_JXK?\9N2I&9&2S(6BP/]C1V:D+!63 MG,>_#>GH,*8R//[^POYS[;QTYA%5,J/EWT4N5C>CR0CD9(&WIBG3[^2QJ%0 M\N_X*G!>B,PWW)!UXVQG,&ZJ/:?
^+D)Q)&!Y#$;H,8]0V" 0._?!/ M'2%H#()31P@;@]KU\=[W.G I%GAZS>@38 HMV=27.OJUM8Q74:E">1!_K>0 M=F(ZHU4NTTYR(+]Q6A8Y%O+B0<@/60^" [H
GS:$8957#G"ED&M9E"M5+3L" M_J"<@[,(O%=[FA31]#R[EX<4G+U[#_@*,\)!48'/*[KETI:?@W>=Z^NQD%CH MN8SGS8QO]S-& S/VP4=:B14'F9QY;K!/[?:1Q7XLHW<((7H)X2VR$OZ^K2Z!
M[YT#Y*' ,)_9Z>:^R9WO&SW[YM$[P? /]>37?/X WY]R;V-D1ZHM,:5V;QR8 MC=6F>,4W>$YN1K+ .&$[,IK^^ .,O)],<75)EKHDRQR1=3(0'#(0V-BGGZG
M):CL>=A31#6%.DMVTP#YD^OQ[CB^.@@%GM\%I3HH]L*@"\H,H,"/#]".G^'! MS]#JYXQRH3:G5SS=DX1'0\)).YY:@#%2=CS5 ?Y?M)CRG10D'C0[&ET\#2R M>OH+4UOLAM%%(4PN1MJ8R
]AST4=%'F]A*&T4(_-'L8'SR,K;M& M<\!42T">-^HX,IX+LF@,-#J3@?%83A0=\G!W<3J[H,4J++JSL&2 M5+("R]IMG$N=57"A*G)GW%,2W7,8]!>)W',JU4$"GI;;&8"P<3L.?1:
MX>>]XOM.NES-2>TTIPOQ)-4:*(NY6H" /I;%UZB5]<1Y_)HXK@TUI"=\/30S%P1I:Z(MLH;H.%D7@3=PW$/4QAB=(&SH24=%0]4Y[B8HZI>GC@JCH'_N&U 0QGKQF6#^ MT5[7=;L5U-"J%]J=U?
[5@=/WB^M"*] U1#^*P[[,!%GI^?V,RP2;0B_I.FV 3 MWQ]PNM6PT"YB9RM<+8GJ%!>X8&"'RRU18D]N47+/$G*=X<>B+$0QD/[<*+T M Z%CDBCJAT$'0:U",B,*!0-!:
<4NM"O<3V)%F(S!G*X).&?*_?VY4KQ&HW7M M>:$Y;!UD.:Q@0<-'.:PU;G0+G15\UC*37 M9%ZU\C; 8N0/9,;5N_ 5O5MG=MYYCJ(U:>Z95NS>B?:HP+C,33
O3OH1,5JKQ^&FEQ&WZ!:A]>T4[;4*5OFBJV;CE:D([M(MO\6\F(,SN9)36I:8'>7EO3$Q>[JX3OJ/R4RPZ%KEB4J3N 94F'@#-=G*?&27^7>,YMNY M4V^4'V MYN>DWVT:CLX/-]!+^NM>1R'D]]L\
RJ*)]K"UU$Q1$/2J.V D%6_3^_I5UR* MK_6#LKH;,GKKM-MQRI8Z9\ W-!:6/+AD2YVR9:[8NGEH M>R1D[Y%.VP/T;@4B;0LP@'1)JH-0E/0W !WD:ZW1^.@-E#5AR_K5'RY%YK82
M^Y<'#G+E0@UP>$EK^C]02P,$% M @ "H@-6>QRZG3< @ W@@ !@ !X;"]W;W)KVR!*EYF=9IU:)VW3Y,*^)5@%$&R3=/]^ M9T-HDI*HZOH%V\<]SUS-CX&:R[N90*@R$.6YG)H4H5?
=N640(9E1U>0(YO M%PEQD5.%2+&U9"*"Q 66I[3I.S\XHRZUP8&PS$0YXJ5*6PTP06689%7']'D/+U MT.I:&\,-6R9*&^QP4- EW(*Z*V8"5W;#$K,,=%!;]Q]@'\ X-4 [[D1_!K@/%="4
.,=+O2;@HWH8J& \'7 M1&AO9-,34WV#QGJQ7)^36R7P+4.<"L<\CW'7(28XDSQE,56XN%4XX'%0DO % M^5: H'I?):&Y]LSP3";ZL*R ?.52DI.[G)8Q0^@I.9E1@<@$%(MH*D_)&7E+ M;"(3-,O-
P'+R/>&E1#XYL!4JT?G849WUJ,K:/9"U1ZXY1I!DBMG'+?C)<7SO M"-[&"C9E=#=E'+E'";^4>8=XSGOB.]F?DL_X^7"O3<[_19^^./I.,;SF3'F& MSSO =Y5'/(/',T1^7]/M
M.1_;ZOR:9)/7))N^$MG.COC-COC'V,,)2TO5^J&,*N"Y >JFL@K/NIV+BX&] MVBYKBU>OT]OSFK1XN9WS8-=KVA;1[;B]QFU'8M!(#%XJL0(&6P%=+]A7^-2I MUW7W]+41^?
ORGCH%'YP];?;6A9V!6)I.*4G$RUQ5WUEC;9KQI>E!>_91MS_N MMM@GV+RK7OM(7W7^:RJ6#"_R%!88RL'ML8BHNFFU4+PP[6+.%38?,TWP!P2$ M=L#W"\[59J$#-+\TX3]02P,$% @ "H@-6?
V^3(4Q#0 1) !@ !X M;"]W;W)KK;5#1=-LWHY&6R1K[+ZYW*X3KO)?/;)5*FO-I]73J4Y M>3;=5HM1]YX'U(66;$>W%(O?O:^NKTNMVR6.?OR9=>KE99]>4N7Y8O-P-P-W M\/4'OQ=\/BZ;
[P>CV>I,]Y0]Y\V'SOFJ?M2\C0Z4>; '*UW51KITJ?P9_J^Y5'8 M==BU^+/(7^JCQT[W4CZ6Y:?NR;SN:OYS6#.O]'3WXML7S&K_MR^9]BWBQN!M.!,\\?L^VR^;UX?G?&>T&m M."N7]">Y?YV7?
=CQP9MNZ*5?[SNT(5L7Z]?_L_X/<=0A.-7!VW?PE ZN?Z*# MO^_@*QV\4Q&"?8= [3 YT2'<=PB5#OZI#M&^0W3ND";[#I-S7_1TWV&ZF]W7 MZ=C-
99PUV>UU5;XX5=>ZI74/=H+8]6ZGL%AWVGUHJO:W1=NON;TOU_-6B?G< M:1_5Y;*89TW[Y*%I_VLEVM1.^=@^V>?%N5RGE?U#]]-/7?RBY/M2V:+\Z; M#^ML.R_:/C\Z0^?#0^R\^?
Y'IUYD55X[Q=KY8U%NZVP]KW]ROI>>7X^:=OC= M($:S_5#O7H?JG1CJ0UX5+?17YV&3SXILZ?Q9-L7ZR7G?JCVOJMVHVUS:P/,=T[^3Q;9.NG//NXS)V'W0LW0!(:\NN_1NV[^7V5;W/BOGP
MW=JYSS9#DRT-K+2'-9MM5]OE;A[_W2SRJIW:59O8%EW&>T:@5[$&UWD&UWHX3G.#<9291D:3NTO"VWF2S_&;0_HGJO'K.![>.24,@3@SB)*^<:,?IKE#/MVX43"=7
MUZ/G8ZWHS89>*+=AAC9N3>1VW! R]$+12I!+_S"7_EES^;:-#]]OGQ_/ MFE>2:C&OKYSPZ$7YH?*"8[V-YTWE-LD%X_GA.S<:_V)ZAR-A# GC()@DE> @
ME8"4RM=4VUV3\N.T6Y]*NWP8MB6%RM$,.$ M%,.'=95GR^X_K1:>LC99=-ORYZQ8=DED^%A6PSKKLDD^VU;M0M]\K2(C6(@$ MQ(E!G 3$22?ZO 7*2A84BI.A)
(%,#P*9D@+Y5]XX2_/.ZX[L:3'Q($X,XB0@ M3@KBL*E^W?3=0+ET\KY6TO1?':;_ZMP=ZV]9==C9^"8YD"0+.8 X,8B37.EO
MJBARIY%RN=";#5U7>9^;VH3>)%!VMMP0T@_\L7DNW;$PS<:7[%E[9Y;&6DSM M'B3M6B/EQ<>&>1IXW5A:*EPSI]$H12F-0&D?19,T<&:TNS+.B438Z 8%B%"C9
M@^0L8/"M#.UTX\K4R.AMJYO+AD2 MD0B0:E<11-UHSP.UW:\$1L%>@0MHX#E!9#:0F4ED)I#$KCKL%E=D\D*.&8 MNK1E2FT[Z*[6(D+28B@M@=)2*
(U!:7Q/DZZ($\\_L7EUA3_JT@;IT>KE']MU M>W$;$ZO<"UPY\\4-!(I1H,35K5^JBQ=#4'=\ M-^XY;HLX8QZM#-J4D3?W7,::;N> M\'37,U2F(X9&3*"T%$IC4!I'T61Q"0O5HRW4"^I_:*)-
^1_*246!$L]@?BI+ MXA05C%% G!ZU+(RCOIUE^@IAVHJPJEI5 :@]((X MBB:K3IBO'FV^GE;=IGV8?\ZK65'O?ON2556V;LQ+(90MBP+%*%#B&1Q2[8,0 MH&
,!>+TJ&6M"%%/7HTU=>ZWT9BFHW>L9[%Y?35/(B F4ED)I#$KC*)HL/6$+ M>[0M_&Y==-WG\JI\5CZM=Y]GZW3VF!65\YPMM\>J7TW\M1L!8K'4"#>.W!9-<)W]FC?V:;,GD;9Z)5*HL")9YN;+N^
M?A%#E<*B0+QOW+(JA+/LTKD_QA:OK7U10=#]"JA*4 M)^OKYJ8[&0>30'V;HVQ0"A&T7^E:?F KUAFJY/W.#QA^_JT[[K&77VYMF MP+@SSZYNKD83U;FK&@3BN4ED)I#$KC*)JL-
N&T^K33>F[='8VQN?RA?%04 M*/%U.](/U*U)B&K'4"#>-VY9$<)%]7M@K5^;&X@T MRB(/H4 Q"I0$\$!A?6\]3[RJAP# 7B?>.652'XX VCZD;0N[U7&Q6@#H5%@1(4 M*$6!6&
H=?;&VDV$WF:R#H07')SM!1]_E"TPZ@+E!0>Z%ZSNO%&QDL#D!8>N MIY["APK(# &';C0-/%^=4KUA-!F?N-47'!T">Y$7W#^[*"\XT&U>SYM>J1-\ MAAE\R9"(-0+4#(2.(HF:T:8P<'9QQ?
TWC.@438Z"7OW*JA826"H)37=$4(% M9(: YCM"AH:G[P@%PG -+CJ\H'JV44>Q!KJ]JM\1,C32DP#4-872&)3&4319 M,L(U#?[_9[32(:RWI$A:#*4E4%H*I$$HC5]"H^X:!<*U#2X_%);N:JTT)"V&
MTA(H+872&)3& \/9LE$0GEH2"Y,V./MTV>/J*/,R&&7%!KH5JUW^4%9L8# K M)U$P#M7E#Y!2(TQD8CJ',+4* D-/BB>I) F:(H$.\9MJP'X9F&
MM&=Z27D(C;1>2NAVJ#L>JSD$&3*!TE(HC4%I'$63U77TY5FTNWK!N4PTT2;Q MH.IK4: $!4I1((8"<0!(EIBP>T:/[OW6+VB#5M:&NJNK?46;WD3_CC:H\0NE M,2B-HVBR>(3Q&_8<3/#-YSO1
6S2%:J0%@5*0L/G^M6[1JA@# 7B]*AEG0@[M-J3M6.SI3G0PZYQC./A6S3E05Q9*2Z$T!J5Q%$U6G3!OP[^CPI8.8I.A^BML M4;$2%"A%@1@*Q,.S*VPC80I'?W>%+1W0-D=%AF\E4[\--
(:&3*"T%$IC4!I' MT63M"5\YPE79TBB+7(0"Q2A0$IG..E"/ TA1X1@*Q/O&+:M"'>-,1[4TC2BKH M$8-8Y*F+H;0$2DNA- :E\4MHE%$0^=<[HIUOJ]2"[FJ3FJ4H$I"L0B M0YEEP$*A?X-B41-
,I&%T%O200J5F*(92R)0 5DAH#FD@C3 M7^%D240D7.;HO!I>VY((&FM]?='+60TE$8966DD$=%PIE,:@-(ZBO0IG5"_R MO(FS)KN]WF1/^6]9]52L:V>9/[;X\<^3-
EI5/"T.3YIRK1C3Z"'/"G716VF]/AL,5+)B.54?Q]H5\,M"R)QJN)7+@5I+ M1E.[*,\&. B&@YSRHC<]M\]NY/1<;'3&"W8CD=KD.96/5RP3NXM>V'MZ\)4O M5]H\&$S/UW3);IF^6]]
(N!O46E*>LT)Q42#)%A>]R_!L1B*SP$K\P]E.[5TC M8\I#!F M3A6;B>Q?GNK516_<0RE;T$VFOXK='ZPR*#;Z$$I^Q?M*MF@AY*-TB*0%Q.". MG!?E?_I0.6)O >AQ+\#5 GR\(.I8O*H*H%Q:I:(K-F75--
I^=2() TTJ#-7%C? MV-5@#2],&&^UA%\YK-/3F2A2' I+$5PID?3+4:KBYU? /HJ45$@LTHVJ%/D+$ M%7I[5]!-RD'F'>JCN]MKJ/;-._0&\0)6XF-HD6JS<:D!G]@Z1"<56BP!TH MANBS*/1*H=\!37JX?
@ 6U6;A)[.NL%?AGYOB R+!>X0#'#GPS%Z^G'C@D-K+ MQ.HC75XV#EQ8!RZDR!%4H:2:%\LRC;GF3)VYW%:JC=QJ38F?J35-V$4/:E@Q MN66]Z:^_A,/@-Y?-)U)VX(&H]D#DTS[]
ATI$\J9&^7*H5UIVLYVVA]&\?!\ ML-U'[Y :81+54@>PXAI6[W,9?H?U%B9Z%I 7TI$D?",H:+":YZ:Z\1$<&/J M!#+]Q>&+3QF^$RD[\-.P]M/0&[YK!DH33LO66Z2(YD)J_L,^<%E>JHOWHA5.
MQN0HI ZA44C<$1W52$=>I+=:)/=]T]E3E(@T1<>CG")L3RB0%58!I0S\U]DPF5#I/U&%. MI>W0 [CQ /;G5I*(C>G$T&H8W])YQIPV8X?W\>0X1FVI< M-D6."ARW:J(M%8WC#L -
/8=>5FM28DT?._A=N CP3$^A]0HP!T &UX,_<1H M]SU]L>C#;.#SH8OJHF.(;2%"NA V?!CZ"?$O!ERXWT=@;J\'&"?6-N/UPZ@% MUB&%.P/>$&/H9\9KMF!2 G=+!H4&K-ADZ'.ML,UW81P?
DZ)#JC_NFCG"AA5# M/RU^>"@U8W^[[A:[,]PK10?1G80= ML6WH%/OI]$:*A+&TBQ.]4:6]0]&YE3>,VTZ*E(LJ7YPVNA]QVML;/-QW$7' MW*W\%&>]D-8&
VV0=!1UDC1NRQM&K:G/!"QB\7U*; MWB'@U;5Y(FV'7F0E .R? ZS6-',;I1@9Y?#3E29S9XMU&KGI-ZW;K3*6W^ M)W%\W&>=4J.N-&VF!.R?$K[1!V9F&!B]JN\):D6EJ3VMP2#394S# 2/<7\]P
M>S+H'Q.R2X9T[%-Q,SU@__3P%0;&1], C=>;#,S,4.&&ZI@+AN$Q5H=0W-7P MFMD!^V<'9S-P58T3=WLP(-&DY627U+AC?,#-^("?"Q]XD4@[JL'T8*TP:6TO M3'IL(?$+]VR)V[/!_B!6
6\+D7#LQDV:\8'X=]S+IR(:C1G2UX4QO.&59GD M(G7!)*?V'H-=!BW/A6YI,;XRX"&^8F?^?;T&,#-Z&>J&W>3L<#\'?'T-M2.(PZ\T,T M]$ZPEQZ^B,*"'P[MBDB
_0>R>3\LGTG;HB[W/Z_MRL%0FMGOMTMS#=S@ M^)SVZ'3$J:8 TIX"2#CLV+^19@P_CW[70%M(>,_H)TMJ=E9%(AN*<_,\-9? M"-FWG.B?XORO>(V-[:_P^+AO#_9.HW(FE_:03B&
[D2]/<,JG]4'@I3W^.GI^ M%9[-RN.\1DUYNOB92N@M"FAH 2J##R-PNBP/[,H;+=;VS&LNM!:YO5PQFC)O M!.#WA1#ZZ<:\H#XVG?X/4$L#!!0 (J(#5GN]"0J/R0 "AN 8 M>&PO=V]R:W-
H965T&ULM5U<M]L&LG['KT!Y<[:D*HPBE&KKGK*NR'.F(J$.@M\+WCR*ZA9TTBLVNAW+KTJVX)C@YUH5RY-Y*KWKTI-!CG%H-2+-98/B0RS2PDT9Y&C1>4-
N@Y_+]7V'#YY_\]4V7V1L_H>LAA#*UDP]L_5W^4T)@*=.&U(JUNLPHNT7!C>9%I-!M(\;Q=+6"[:YVCAUHF-#WDD<]V^)RI?7"KY>(RS
MLJDL_W_Z*^^F#F]+E[WMFHV^+3:*$ R9(WNZIG'>H$X:@A)H^X!/*N+G[]'H2]%$ R8_C'NJS8 _"'A_^<H80D] M]L6NGTU 17]1`

X0E$7^"RPY:Y205@&V$U5$WB1@T6JF.@SB.6SF: M156NH[:V@&U]UB5^)IDF+QV1Q^4KY)M:$0]7:!S,1@+JL0ZRZUJL\XXP'F(V MB6@2AVA2CVBXSK8?":K4!P&#ZL[25^B.Y2XL6?WW^L;NY-9CZN2[2-K>1A4A MOY]2X8KRD;Y-"%G[DC=8^Z,BJ!ZABL'GL7![_N2<2J,0R$7AW"+GP*&D?50F MPN2:C5A3[,"81"^(NI%NKT0 LU.9^;N]OTXGJ>9NDK21CUI47*+_D^XC,[MI=<2H1_I&\=[?/ZG*3A+QT](ZS1S &X^0J]!BA1WS@>#]JI+,K=-#F/ MEN2#5POWJM\>5(IJ-I;:DF3%V43*:4-)U3DF^'U-QQ8]Y]]BQ EOVD F$P+X M<#(0=FUX%=9-0;[KGN7!8M M!7V(8/,J$7"M(3K#*/0,8034:)FI<6'T_G\OP(5#PWRXZ)6,8!U7:'T ?$- M/G495NJ8",4B72;L#R\@^S#D,/)+G8$/0'8?07?D\- Q%CDLWC50597O:=C[MIBDD;5>YWO<6KUINF&DFZY%#X3_">=/T9SB6^4*G)\I]/M'LJ3W.Q?4>'W;UV'$E>("LWSLJKS2W%";I'7.: M:)3B"4)-AX@C6K@9HG?M'# Q:#6RW4E)>$]^0J?/ ET2'!L@^)6HGI>FF..V ML>(W(Q("W$X"!&=&:A93+%,(@V#:-@ND[S':&E8G)'@%!>B("UP1JQIOY6ZA$ERS6 MG*1:Y0^-X&..OS3#Z)H%*0*,^N8'85;;O6Q*[P MH=-&*&*SA6@"NAT[;C?!>K*1JN4 A'L[713!"[*P5D03,(BL$R5>QW?2(743N9 M7B0WX11D<+]?!2 2.9Q"$C@X2;A+ E M/=E6NQF&K)]N+Y]@\V.$VPN"2:6 MA])&>^4U+NIPY+,DG"%8)5'=!X:'ZX2^'T4@]LAF[849AZ1Q% _6+K8-=?KD=[?$I9\.KH:(]_QG>-X:S!X 2,C3NWV21H M%^0RBN*70[H.]BS[]L1& U3RJW=R1HS,S4V*H9Y M9+6B2LXH[G4?C^6(%1#V-"9EB%WDSCS\,87DB*S=MC0R9'0 N?B_J7\6E+ M3M4.CH8.5C,,^7344,QB=6U-;#?=$K3_P8-K,K=ULRF7R8($!$<,2AM)K!0+ M-(]9S":6$MHB!B9K[Q"S7W-Z<,UHAD%C^ZJI^$C#T:"KI.DM+?Y$,,&/R MCQ:[_Z/IDENWJ3=1,<5]F-S(3@^LO7R6O)]P^.EGZ67VXNR*_CVZR"X__SP] MIA]/L].S%\EM:*V(;?%9=GEYE1Z=9?/+,WKZ79&8?1&/-Q+YCU28F@DL *:HFC MXS\^\15.,0WV/P(HD_@&I[?FLZMPTH]/%\Y.!X<+N1U:USXL7G"6-![AHGC MBGR0=!N.M_CCV6,XE SAT'\(+US;7U1!A9.@<&%:=H4]R<>/U 9A7XA1AFR M%WK=@H::H3"&Z#L,,RAURTGB<"1)!&AH\9DETTOY9AJ3I MC9DKW4""F< M9$;HS/^\2_5.MJ\;OQ]W#X'WO$Q(XUX&4CL]I!SA+QH@?]L'M&!"=V>&,=U(I?U2L0FBK0>FY80'3HI+'<) =^Y,\,X]LVO/XTG MF5-R@I7;7=DTM^5ZK6C('?/IC-2 H[7)D?7!,5!_J@L)58'G9O16%$!P5ZT_MA)]]Z/I;G[<=W\C#>24YBX$A?Y8^.\$)\[^<'^<=28QF6@E1!;Y;;,EAE_- MKS(_*&OS+5'=X*4F)90G7 D&3-QAK//JP1=0Z9% MSOEG=_;6I0NT?9!".#[WT[5-!13+Y5+7@!=G/<$_19:<9XD+D:Z2JAT<<N&E#/L@P89 M5#(='?'E-JQP>/KAF!/&P]GVGO2M%)]*!D3FB,:.&)]$+E.1!G>CSO2@W-5- M/UF8.CZ! 8GU([@=#^U8RI)#1(93!+X@E7N2Q[O!\AO-#W7NFHU8/U ;67\2T[M<6X8?]?I.)LFEZI1Y(5>>LOG7U?E!]=I-<.!79*B@%B! M LBD7/2G;?"=]X]+\OMLBF*&GK^9ID>]LHAVK^UWYDFQ% M"3'@0E_3:1+\^=FEU<:M>\E@$^U!P5$D01W"HK50QS2V/!XWX\39$QG &#]BU% PGDQ#O2A0TY/HBGWL<69W1#6RHXU]$UR,DA>SVR5;/T]10X<13' M7TJ;+0?2W&>S'(*LH-1!=_$(6M@^:K2Y]H,@#IG(UB?O<"O':>D_:HU#])M M^\Z51-Q(4YHGCD<]\),00%RH:[<26[UNV9XX:#EH-&'5.?TRG'YPB')*EQW? M!N>!R?%.<^L%FW=@.,6H*\ZUE-@_. R2D"ZZ$K:#$J;K]>M M67LU-KUYH-@L'6+G+.Z)[Q3@8-M,=K"HDY6BZA-*@[MZ,M\+Y,O&P8!+YP.6_;/I MO%VZW:]H.G6VR:)63"0RJO^LG2]%.H^)>J,:PGCLNA^64\4>DOCE?XI'8Y^ M.]&452*83=Z9R4T()R]9N;%EY&SRO5!<$BTJ=SA;).],\GI@3/)2!ELME6S M,\9=4UB?^$]&_C?NJY-FRT=N2//6!_'^Y?R2!Z*?DQ>GUWQ+2VMT2P>90GY[M *C5@+GS?/*ZP]P6F[E(*MCA72KU'K80.,8M+R4W^7#F)KH%QE.4^)&#N/FXD4OG(ZT9Y3&$ M3!Q^Y!M,#IVD93P>"!04;.K"W3>3^#,UKE9[B)SA];28'#9EB@ GV[J)V$IX%;5#.O=UQ\N@GG#B"MW=3!3&MTRN?$)?"^@ZO M'QIF'5U(Y0H#PSI4QGT'V\X?M=@_K]?*I7RA\!)=W?U4LT*RIQ!D6AIW!5)\ MP21MM6(NO3U"CYQ-JZ/'&/Z*! X ?)M+N*9#&B^0$,5AR<62/*$+]RI,75S"=<+IJ_8B"^$.?KEYNZGX[@ASHGPQ:M2#XNX$U^BH@1'W)A@PYNI(87ZNI5S+\P5T9,$KO8+XOR1PX M731VB3\"P8FF;,#) =[(/&CQWRCF$OL37G-<1\)8;W<9-#\.+\VBY4CH\RO-:._X+TM$V5X. M0T\.W62FQ3I?KU#[CWOKC 1*T>U2_EST2'9)I3^;S^87F0MR^2[6@DG&E\.P M]()C4EW\X)[IY*G.U4!L^A<0>W7^2<0FVF$[HO;I+MMQ<1>4CZ^+<[?%N15- M7IL93/G@GK@_>CFW,B_4KL3V6SU9W-TGT>G'^,8D]CBBU60_?C9-(JG9_3?WM/#K3[])S^ M2WYRE[8TX1[EP6/G%^GYB^0=G_DS@PAR\)@$DJ?S].PB^<69A.'5!WHSR'4V M__S"=6=>C9&I6?GE_2_%]J,=9U=G'Y.5%V@*BWP[SOYX?[\V\'.O;PG4 ME/PG%+B47$KVS >XN&R4O4 >CK(\;5H^?G]H')]$?TICED[]/:?GT5_O(H:L M^6^4\:TV=2=_R,M_FKH_@W8C?_TK/"Y_0^V'O%T#BU=F1:_.9R\NG\E]>^Z7 MKMGRWP);-%W7;/A'W*]J6CQ WZ\: CGZ"R;P?QSNF_\#4$L#!!0 (J(M#5F *[8$8 , L) 8 >&PO=\W;R:W-H965T&ULS591M;]P$'[/KS@%%%AA%AN?&@^Y'FQ#L.QXH)K:J'E3:U/3[JA KL9_TRNQKT>U]9?1J/H$C@?7,FH,$L%F/L]%MGCBO5WFUT[T]TCA?2/AU[E-SL:RL:GR9@<3(E-FF,C0JQIN_5'@5B$V'Y2AE1'E;ETQAHK3QK!S$X!ET1V=W$N@P!(Q&)=RJJ"LW^X7AX13!^)MMHQ9D2Y17X1-GJ2-Z3#L#KA37HL7)H-A ME2J!^U>O&CY/Y^:]!J2GRBU6"X2]IYWT4*7=Q[\YI5(1)+%V(%>9@X@)PAJWN?FC#/NH+>?Y6^F2U01>=!L^U4E6.0"JRHGG^+Y68L-@.N7LY#TJ=)L(S2[K=$HF>=8D!#D9SYN&#DQR!,FP,BYY*&'6H)#KHMO"6W:+VDPZ#<1Y(G9_0#B:2:ES;'(TS$/A'2NR!@I61=,Z0.;;CL-8+ADM-X9LUE(7%W6,Q4_<7;#D7&YJGI<@"+VG^QL!X2#V^3UCC-+"6F#<5#9H:'/X#0(B4XT4B'YN\'5:5"*LJ/3!6WJQ23'MYQ^'/:(7BTH:J9UBQHQ^B/,XQ%=QL'YD#9@6[?E:>7VL]@I8+V5#=I$Q.#)8H/L*HXT2\5<FQ[S#[N=MD&7!<(GA#>#VG/"/@6Y<:EI?)RG[E!,:1@E,3F'%;S]1#Z7/>^.V#HLV_JD=X<.S*2XP*>C6MV7T.ETEIV2)L]PN8Z;(J1'BJ]Z6@@:DHH:%*J]MHRWE3!4VHG$[;;!+90)!?7A:RH[<1PM:S^J8K!N(X&3T%&+&E[?06!VVZL2&=ZI>?BY1O6N*9Z)C>GUA3JA$1/R\0NP(FVB>=#:SU!%H#=MV(R9Q7GF:90@/V*+CBQ)B5+?HQ;9.^E[5!+(.O9NT2(T=#V\.TT<*@"+&=RDEC=MU-4VTHN)$.P^K&>WZ'$5R-9,7.-Y&=3^#*#)R*SLW-T<@;Q]R%J$!EAIR>*8;1:/V<)G\/5>-2]&P>#&;R;\]U-^2SLX$S>$KB&=?YDH!('GK_N)K=S9)3,<8ML&XE)N^Y;9PX^Z^[&8(-V'5PKB7;V*'$U=9/..

[0R2G5CNOZAMHAMTJ9=W-;U MC$?+9Z$U=N^=00=V.?H:\XGRNS7U>M.BA*R8:G(K6/BTD-QP6-C\%:5/B%4 MZC(KZIP;(]1I5NB0.D",)"[JNW+X.!9I_I1DF1Q,EJ,;>7]6LDQ&D^6!%/6G

M),MD,%E^J27T1R?+9#!9BM^1+'}02ULC'J5S8.]KJ!,S\3,V^'^G\LD/'#! M9\6ZT%E1@//,0&BANN@!V]X8$P*))/[);X7P"6#8_$/"8)?UG8--B2+K2Q+ M\;W<[FY@)83YV21-)$=]--
EV'5!>=W)E3]*]!!>.J9 D9%-V[IA=T[!+,S7, MG_#1.WTB%E?3=#J=>F4EO1"5<@M_9]6S54TGF!ZH%F3["=57O<.OLW0!(KR\ MF([$.YH,9@MP?WRNY"R]FEZGY_-#<]V'J5X?(NO+4]&.POV)?
WY^=9Y>SA:A MAPD6.3;P"9R(\TN4R]587Q#7?@H7?IH14D0XK+#L[ ]$)U6E6)P_R^$)G_LZ M+=? :KRSLT9:V@V-R I[!TPY-D;W&3

_).!JSPXCPRZ-\M[\/3^-,R9KND/4([^;3V;3-*'>0R=,81L/6Z0\&@F <($' ;L<[$6++@?[M_O\E\I.O)7]Z?9V*KZ4_:>)9ZM%'>^BG->@G^^ZP:4!(WC_R[>T[6'=3UD8^ M$!*=\9TM?#<"!!B;_A6;/O-
24]>(6M[1$?'_;PZ3$0[%$SB4*_1]L)*:NP!/ MTV1T-!>J"8T[[WE0++7F2Z?:C=G>GJSOPGK)X)5]&?9YV!-,.B 5W*P:R'M@ ML-0OWL$RGXE8"'+?G4T6 J!_$0Z2'))]$JW2V;\+= ;O \>8GT?;&U2ITW96
M]+:*T;2H09L@PC&2 &9:JN2?4N\#AL)^_+@06B^M_6ZAK(O-MY!A'" K>ED M.IU%1^ 38BIF)&80B?*YK4TG\4DY/E8=X=0A9YVW@- !&CL6I;Z-^G/
M=/=.QP.OG4[<7@+L.,6.=\+N6BI]E0)U4J9V_J1[.,B%BJ V03.>?,[8IJ#& M[98XK_):53@1%A73J/-Z.O)]?5?-5PPANQNV%YOWWEX:1?J=R2'S).@@/>T%T"'J<7:>SZ3ABK$9CQ<7\ M/'Z;)&E-S'5?
+&O]+'8C- T.FO@-:87_U#!XV!@^P .?,3.DWN7Z\6,B_EZ7 MRM=;5M]3=Q]+$A MW9G-!BJMI%MI^6Y_V*J][99:^]=/FN/ 6]4X[9 =+(VT M]*H.GY0RMOMV6M*^?!!V2#$S-@[#P_T2+
<:>3>,"RN]1\)MD@ZKS"FMC.JIN M-IE?^FC-==@@ZAB0""<#_T:CX_=N-&UE1T!>8BN23LNA_C[@.P*SQ:+-AN'! M6SYC,[L^.\.V1B*W]-K*1/R[,> WG8Z>?]OTEHR4]-N\]JO5[T:R"-O7N[@1
M^"QJ$'9/#C>E_!;:&5OGF;@4WT$="$G*V-.5O_Y^(*]XZ6-Y=@[#.+61TT M2>AXEN+#)WO#]B.'7^4LO;Y<('& "Z;[Z7MT',04&@418G34ZR^LULW[/1G^
M4X+&&@$NX*'SV=67N#^;7@[PWIVW8U4P[7PV$V_IM3+>X-O@>PU;?NNC[8\>2\D?P-+%Y3F^BN=,*O)O8RPYR-C9_"*=77^[KNAL M%A[]H/J3#VE1,XU.N-
%I\60VOQQ=AXJ3;70XLJ6RA[*&?B'@-/J=!CJWC+]& M@?U1"&[\DPWA:OC!BUO^G8?V&ULS5=;;]LV%'[7 MKR#<=DB Q);E2YPKD*0MUF$M@F9K'X8]T-*Q180259*RD_WZ?20EQ4F<;"TP
M8"^ZD#S?^2B8)*(U3)-"U.>^?#HXNQ6^\7?!&T-AO? MS%DR5^K&_7S(3GNQ(T224NL0.%XKNB0I'1!H?&LP>YU*)[CYW:*_][;#ECDW M=*GD5Y'9_+0WZ[&,%KR6]K-:_TR-
/1.'ERII_).MP]KQM,?2VEA5-,)@4(@R MO/EMXX<-@5G\C$#2""2>=U#D6;[EEI^=:+5FVJT&FOOPIGIID!.E"\JUU9@5 MD+-G7[G6O+2&74INC%@(RA@W[%?!YT(**\B<#"STN-
6#M,&\")C),YA3]E&5 M-C?L79E1]E!^ X=R:0E>9&\"/A+7?;9*-YC29R,7\ ;=4:/[-[HAXUF?YS/ MC=7(F3^WV1_@QJOA71T=F8JG=-I#H1C2*^J=_?1J.(V/7R _[LB/7T+_P8B]
MB+F=\2=EB1WVV;_PUH>2?5(K*N:D78P2QLN,(6H4X6^TQVQ.[%(5%2_O6(JW M) L034MA+&E\9D*C3)E:+$B+8H4;9N*>\XS3^]FB5)?'S5S$:M07Y\>+S;9[]AE:&TUL&<#HV%RD@R4?HI6D&
[LSXE;=%CV:(N,^XH<4/. M-.P64N&MO(9HI=PB!/*.\4+5T%:[W[\0E8;#4SQNV3".WS"@P$,<,0SJVQC# M-6B-&$;' H[-1>,@W\M%:;7*ZA1\).S3:/Z155X5/)"1]N'>[F:;0W>J:NG2
MQZ#U.I*MO_WDVD_J67F1H,=AJR5/IRMI5 #;XA;RO;AF7W_%:G*VQC45(XGG(+2)[9#MY5SRFXK], W MQN(5ZA>:<9+1WB&F;1UH=KD[8*R(267@O',38:'K7-U*X]>^I31TM]'0CXX>
M1S6$[:$DY'H%9ZQ^^$7&RL5K7!N-D]8I]JKQ!TWMV2 M3@7"<:4% OWNMA+!#H8M?R-(PI@:6O8?]>+#A+UFX[@?Q^PCOV/)S\LPVR+G M[7;6L>%X!*%DYH3":".4C";1/;/W+D)?7(2BBR8-
N7?U$W\Y02 .]P[&L^C2 MQ]D9O!%B2'7^\=66'+.=X=[D<,AV'Z%_Y,C/%GKLH8>3@^^ G8R?8#Z,><,V M'CWNJH]**;JO6?L(8OVP![[<[7WZNTGD2EU4(4G;,NB2RO*YI'[DH^J<&B$5
ML&VZ/@(U_G2:N;Z%&O!GE]KM$6YFU#]D=\316+NOZ$/IMEYCF79)M*.%N=E? M8+OS_[MLW!\=L#?-ZU[1QFXQ',ZPP#_OYS/A-AI4S)T@M.'6X\T[>K\],#L/
MA]+7;#K]'N_3;G_4P3&_7$4(M!]_5,$1OW9& X.KVX\,)VW9J'6S<.0K22W^SEFX?G2CW>7M/-Q9[I>'FQ_*>2E*=QA8 M0#3N'TQZ3(?;5/BQJO(WF+FRN _YSQP74-)N >87"D?5YL&PO=V]R:W-
H965TF6<>V,LCR)(B3I/D,I:,JV@V"7M+,YOHV@FN<&G UE(RLUN@ MT)MI-(A>-N[YNG1^(YY-*K;&!W3?JZ4A*^Y8(GSUTYC<81Y%BP6KA[O?F,;3X7GB_3PH8G;!K?(3EGM75:MF!2
M(+EJWFS;UF$/,$[> :0M(VZFT!!Y0?FV&QB] :,]R8VOPBI!C2)X\I_E =G MZ)03SLWN43"'.2R9<3MX-$Q9%NIE)[$C?N\59RW7HN%*W^&ZA#NM7&GAH\HQ M?XN/25':7W?7-N*93B-
J#$LFF>,9N>G@\ODYHCH42=Z=(S]/[_0<:YOVB$,DCX< MJ<0<"B:YV(%$N4(#N@"MD%XGKD2XU;)B:G=^.DX'5S<6<(M9[1N+' J>H;' M+3 %*"NA=^CW80_8A\=7@[HZTX;N"F2T09W.0J?
BUJ\#DE65T5M.W8>DZ"R] MZHV3Y(2I',XN+GK#) &:2X&_C9?_HSZO#5?KX.%*0W(\UO(MR.:JHK^J0!<- MNXO6(UFVPC N! E^(%0HW#@$8Y!S2YT9QM+;Y+JJ6":"?
$J+X@!U&ULG599;]LX$'[WKQBH11$#3GS$.9##@)-NVRS2 M-FBRNP^+?:"ED424(A62BN-_OS.D;"O9)%CTQ:;(.;[YYB#/EL;^="6BA\=* M:7>>E-[7)\.A2TNLA-LS-
6HZR8VMA*=/6PQ=;5%D0:E2P\EH=#BLA-3)["SL MW=C9F6F\DAIO++BFJH1=7: RR_-DG*PW?LBB]+PQG)W5HL!;]'_4-Y:^AALK
MF:Q0.VDT6,S/D_GXY&+*\D'@3XE+UUD#1[(PYB=_7&7GR8@!H<+4LP5!?P]X MB4JQ(8)QW]I,-BY9L;M>6_\48J=8%L+AI5%_R M [:7&N7*+RRC[/0P@;1QWE2M,B&HI([_XK'EH:-P/'I%8=(J3
+NZ"B@_"B\ MF)U9LP3+TF2-%R'4H$W@I.:DW'I+IY+T_.Q:IL0P@M 9S)VC*K@5"N'."NU$ M(.YLZ,D/2P_3UN9%M#EYQ>8A?#7:EPY^TQEF3_6'A&\#3%YT^#OC=Z# M_=$)]/)]
U[^YN@]X.]_5\.&OZ>+YRW]/'/2_%'\].7S7,?G;A:I'B>4*,X MM ^8S#Z\&Q^.3M\ /]V G[YE_1!-F%+'0IZ6EH5%#*L=-G=% M9M1VLT]MX0$=F0?5'2=06Y- MU84[ )X,&O Q58VC^< M+MT
4K2>1AHXD_NEL!&UWP8CF!Q'8TE1)!D[[5C] M\.YX,CXZ=7!+")2P/2J&G\1EJDA-YC*-V"4#Y/'4" 6UI4%K/2&2FK!D4A<@ MR4-A15U"A96Q*T!=4.8Z. 8!%[D$:T16B1H>A)5$
YL)D'AN4WC2>;+8$PY, M'O8SPKU>/R,[9N!ZS=DVA?U38I/H%.E](^T+=&YHJV-^15VK-EH7D,9]US-+ M3>J+55?Y-$B0 _;@Z)8@"<&\Y.CX#B"2N)<(%ME:8QV$0#+X*FQ:PF0:2I(F
MQ0+]$E'#)[%HE&DY) MT3^KKXW/-1N=NJ'DMM6[[I$NU[TMUWO4') 27)EA6^N4RB>M1LJAV[9VGB5R MT&X$MD*1UN()Y?!^?S ZG P.1B,0/IRDRCBNO;8T?*?S0UECL@55>A^:VL3J6:""R,
M(6X%C8 ! UOS2MV'="-#:B71($6/!Q:Q1).BK?[GE1WZE<,C+KA3.$M90]T@ ME2Q0IQB?"3(X)D]1WV(A;.C(5QIC#^XZI&9(:.BN9LK+EE;5&7YA=A UBOUF MH(V'>V)!YBON3Q%/R+F !:HC=[-
I18ZE=0:P>@@CDEV2!JO\J MZN["9[(:>_K:D&WNG04?D9T56H:D$]1O1F]QAEO%O70/#CNOF IM=YJW .- M]O%!L[@/ ?G\16T%8]O29H&!<-3F)/J:_H($;WV?QPYLZO(D6QM,+*RQ+
M>M*B90$ZSPW=B.T'.]@\DF?_E!+ P04 " *B U9@J3]7C)"(.TV M;=I=EJ6MM%M @"BL6"X\7-T'-YDTUCJ>8#MD^_>,G38$T:UT>6EC>\Z9,S.> M\:PAV4U'ACP-9E*-_A(UD1W?
O$NFTDOLG,%?/H(H(,EU.V_N-_EH0>X&#T 2':).AN M'065KX03BYFA!HRW9C;_$4(-:!8GM2_*K3-*AGG%BLLR6SAW1)N#&5UZN"U MSDXI/_T@P(NT*ZUDP^QT?L[1.7[+7=YT<)7Q?
MZR%,1B>0C)+I$;Y)%^\D\$W^)E[X]VIMG>&;\M^AT%OFZ6%FWSV7MA(ISB-N M#XOF!T:+)X_&YZ.71W1/.]W38^S_OT['Z3Z20Q@G0SB>CR]"-D+##98R)>V/ MR1>#=02$L2.W'$V:#
M'K)U&4Q84"8M1^"DKEET<+!7QG0IVC]%M-I.F!M8L#X!C=Y.^&"H'\HAN8-. M+LN\LB!X@%D>%(%N);;^.D].^L@N!I#.[CK?YR9$T;=KJ%89K)$!TDE./,?# M-<*V;,J7[>GK3Q^>
>4#3W4H<:R(PJZW?A=3B(PU:]*GJ= I*K'F6E:U M23G;"&0R],,PO5.TX40:..S(.Q$5K^XEST]4V\'C%\,QCS&E^+IP_7H>\;Y" M#^'"V7H3.(&5;A7QSTL[7:[E^BJ'<"_S-MGC+UMI+:@,&?H:/C\+ +3
M/@WMPE$5QO&:')$_?F;N$==._SXB=02P,$% @ "H@- M65]_DL@0 P L@8 !D !X;"]W;W)K&ULC55M M3]LP$/[.KS&@%"8&$FC0MI8.V4MLQ;1-O C8T3?O@)-?&(K&#[33TW^_LI%G1
MH.)+XCO?/7>/+WXRJJ1ZTBFB@9<\$WKLI<849[ZOXQ1SICNR0$$["ZER9LA4 M2U\7"EGBDO+,#X-@X.>,"V\R8Y4^L99K(:>UUOX[CC
MR]18AS\9%6R)]VA^%+>*++]%27B.0G,I0.%B[$V[9[.^C7FL-EDDD MY9,UOB5C+[-88:QL0B,7BN<8Y99(&KCN<'TVI(V<7N]0?_BN!.7B&FT,/$ERP,C-WLOJ*#9\3BQ?+3+LG5'5L^,F#N-
1&YDTR=9!S4;_92W,. M6PG#X)V$LD(7=]U(=?E9V;89*1D!"& MPX.R)]M$'\EY;P##]M'MF%/2E5F"4@"4Q77"E;X9X[<&Q,"#=#:GJB22*"
M&^L02(>!)0FW@V$9L:^%V2E<1*K[>DAMQ4WOF_%TWOI6_2T=R5$MG5IJB&4I M3"TIK;<5Y&FM0_":S6_8FK)A88,%Y0:=$Y//%"U0M:&D853I4@:TCBW3.FG M@LH&T/Y"$M_&L
7:W]3D+U!+ P04 " *B U9@6KQQ[8" "%"0 &0 M 'AL+W=O4_;,XX3V14NB)7$ M>FW&DIC6HBP(S!CB>55A]CJ$DJX'EFMM%NZ+12[4@IW$2[R !Q"/RQF3,[M3 MR8H*""\H00SF ^O:[4\#A=>
7P6L^=88*4^>*'U6D]ML8#GJ0%!"*I0"EI\5 MW$!9*B%YC*^MIM695,3M\4]HGV7OCQA#C>T_%UD(A]85Q;*8([K4MS3]5=H
M_0F57DI+KG_1NL&&H872F@M:M61Y@JH@S1>_M/>P17#W$;R6X+TE!'L(?DOP MCR4$+2$XEA"VA/!8'Z*6$!UKH=<2>CI8S>WJT(RPP$G,Z!HQA99J:J#CJ]DR M(@51F^@@F-
PM)$\D,_R*5AS-@.FL)BF@4<'3DO*: ;I CP\C=[V"9VA@]"? M.:TY)AF/;2%M*P4[;>T,&SO>'CL^NJ-$Y!R-20:9@3\YS(\.\&WI<^>XMW%\ MZ!T4_%:32^0[GY'G>
('A/#>'Z7>82;J[ESXZWKIOH(^/MVZB3_[/]^F[#[\3 M"K_+05_K^>_)05.J-7*!64Z]W7V^Q"D,+/DXF)Q':R)>BR)3BDGOR0Y?F6I+0"=/Z=)1=! MX(6QO=H.O0'E.;Z[BQJ9M)RK:!YP<=JKDW
M>^O5KX M=$'G**4U$H9K72K?K _=_M@UK$]DC]&T!/_DFP9%OC^+ M@G!4PER:&PO=V]R:W-H965T/W<:SR"FJL;D0#
MW,P40M98FZXL8]5(P,0%U2Q.DV04UYCR*)NYL;7,9J+5C')82Z3:NL;R?0E, M;.=1+]H//-*RTG8@SF8-+N$)]()]F+4TO]A1":^"*"HXD%/-HT;M=3NUZM^ G MA:TZ:".;R4:(%]NY)_,HL4+ (-
>6@,WG%>Z ,0LR&K]WS,AO:0,/VWOZ5Y=[MR66#%=P)]HL27$^7T8=[>1L_R,-]0&RV(:/3_1>YTP\ ",P4!L:$7&P8YWP6_OD N##TG-_)RHXNJ]@S2 MG")\PBW,/.MQ66)>4*,2A,:'(S-L=
M=B]&U]&B<;?T1FASY[MF91Y9D':!F2^$T/N.W<_V]D?4$L#!!0 (J(M#5EN)/J@K"(-%M 9 >&PO=V]R:W-H965T0937A1J.WQPXW[ )%$A8(T%BZ17_] MY,G,6@""E&3/C?",NDF@*BLKEY-
+57_S6-4?FK4Q;?QQ4Y3-MT_6;;O]ZOGS M)EV;3=),JZTIZ9ME56^2EGZM5\^;;6V2C%_:%,_/9K.KYYLD+Y^_(8_>U>_ M_*;JVB(OS;LZ;KK-)JEWKTQ1/7[[9/[$?O ^7ZU;?/#\Y3?;9&7N3?O+]EU-
MOSUWHV3YQI1-7I5Q;9;?/KF=?_7J;(87^(E_Y^:Q"7Z.L91%57W +V*S_Y_ M0)$I3-IBB(3^>3!WIB@P$M'QNP[ZQ,V)%\.?[>C?\>)I,8ND,7)<>=M>MO MG]P\B3.S3+JB?
5\]_M/H@BXQ7EH5#?]__"C/7L^>Q&G7M-5&7R8*-GDI_R8? ME1'!"S>'7CC3%\Z8;IF(J7R(M=G+;^KJ,:[Q-(V&'WBI_#81EY?8E?NVIF]S M>J]]>9NF55>V>;F*WU5%GN:FF<2+G?
RRBT_LA\^^>=[2='CI>:I#OY*ASPX, M?17_4)7MNHG?E)G)^N_)S(=K6>6UE=G1P?\5U=.X_/9)#Z;G5T<&>_Y',N%K&]_FJS)=YFI1M/,*B^']O%TU;DTC] MWQA?9-
J+\6FA9U\UVR0UWSXA16I_6">O/S[W^97LZ^/+.K"+>KBV.@OO\]_M[_(L;V5)_ZA]EU5IJ8NQTC]TX/%(??R,NWJVF1Q27:DJ)J&6$1<3+;;NOJ8 MD^Z88A<_O9I>D@@7!;21[$G5[I.'@Q9J(8,
4V2EW32]I5@D,3YPFS3I>DA5L ME#Q^B?@+OK6>F5%;Q762TVQ-1T)&8^1)$2<;R*!P-:,=(4+ITS39YFU2$'E5 MG-%2)N% -$4#:DFFJ*MNM8Z]26V^+0Q-L30U
M[703T61X&$2J",B/IR0G'VBDQM"V$RU&EH2Y\Z;I, T(3:ORP=1MOJ!!RZK5 MIXHJP:P5,>K!D'VKY>-DN;TK^%P18D\;9;D*:ZI<2ZGJA"VF6=,//&OO@VU7I\0S$S\F=9V MVQ
VB#3)2FI,QAQY>CZ]L+(R[6F!^;@E7\-KHZ63P>A,Q.LD+EF.$RTJ-5:0 MZ5\2+9. 2\NN[6H#"20I9>Z":<%^LT,PRC([2 MTDJRCHCL4_Y(RZ&%0A"97O+O#:3SP?
#P@2"2("W,KL(^TK<%Q"=I02V$+6E; MP@&B Z!BFPA%59V1=M+0*U.""Z3VM!!ZE!?M.4/$+6DHK*WIEM!50QH4*$[MV3AC:[3H&IJQ:6@)
[9I0!ZL.OMC7DGA95YNX)4R!#O(>@+A%5Y=']G."#7TDX(%_:^QJ'2O5'\A$D#CP5BR40C,5S2*QGB"-:&R%B]/X;>D8/AFE,Z?!MO!2Q!%B;-ZT!N9>
MS5/BD<4RKS=LX,"LVFRKFO:N'!LS"NF*Q^CZ+!Y@6"3I&*E>YPG_D*7CG ^ M.LYYZS#'N3E.=5;!2\#\%%T&7TLRF_U&AD*^9D.S 9-YB*9+UR/6 <)HH!76>"'B@5@,U$A)+U<3ISU>ZB-
Z+GE(M\H+UE>P#:[/[9!)08!77#L*N"E:&9C?UQEEXH;.!K)AM:^U L#,DA4.#$74E MS9'2YBZ[0M=#FT&J1V(%"],.+#X<)[C^$O,#E..[#A:CZ:@>=BMF
?'M<5^>O3ZK%4'21[L*8,C;8FC)1P.OI'H(B9S>6!.AH M*=8D-1#TP"AA#29AO2CHZT00]C2^$[V. M1MH; GAGQJ05I.BX%MH>= #VQM MF>[8!P@F0HA":R6OE%? \7X;K$#Z@5)%QX@BR(:
(UXK4(HM]IKG$$/$&!(@: M!#C,,HW?$U"J:?![!IGW6S<%^4_!XN>7JB*M"R@!%,&(R<@Y2=2@B8D2P,F]##3BHA,<@V MZF"QR?P!GBR9G):W9/ 2"4U5@\$DBF\3W<[;L(L?<\(4%%8CB)YT\>S>=0T!;HY5'V@Q"W*
[8[S%[*3KF0T, M%A4A./9=%%RF*+$XIAHB7:A^"JBWMOTQ"9":X(DZX;50D+2M.+[W&W9N-PP# M[F)BC-_N,8)I;:>.=<(TSZUH+T@;89_PB)Y<<++PA6QX);G%<,^?GQ?[-[5
M%508GHX$XZ%B#%8#7 @'*PAEI!_0VY:[@X&.DP2@QM#?0]UHL M+LS]0%>BXW/)IC*(M/!V3"Z9) H26$>ZK441<-8('.$L=$AU#_QNM57X0=X<
MS]4YKT:^[$K.)022OA=3:X)+S+)#VU[Q]J(M05FDIZ04D#W@!=D3&Y5'X80Y MQ;E9+@DF\1&ZKH,L$$PI.Y(13"A3MFQ.89IL9LV;K7PYL4L8G@'Z+NEP5/!
M=YI$V=DQS4=$X0W4.:=U\XORTK@N#N2B4&&0Q).I3_4W]8 6V45? K-#MZE& M$H&E62)1?I!U2$DL)@>Q/L#+)- MC(@1>JX(+0-6F3:7(D335&G.3'=NF&)$$L@:0J\)$@I&9
@9>OA2$(*XT#O2 M5**&]S5%%QFI!%L+CLLT.BR$52"1)M()HS<->&B S9-+ #.10!$>8C\0"L&+/K^H# M-LZ8QD>D^=I)_51:?ZE8??TAJ9%,GI4C+]L!.8V"?0V49A#7SI+$/5B"0XA
MZHQM,HO6/VYOWUD105)6I(QDGS/!]).L-PMO#1GTS=;FD1/K[OH@.4Q=-XT1 M#QL5N602.*#DE(QD?#OKKCDOPC&I>RD.7K*V)PM@ZZB]LQ(Z1H_-<$;B6[>P MH9RBJTA&_D#%H*NM*7?
OBTV;QC_0%#4F\SP) MD>;S9)!CV'M)%$YB6C#;$X MDJWI")<67*DD029=3DW^)E&L%X2C5#)^+$F73W-*)[#QR3D>^NQPXZ: TS2;"YY$,[,<"1 +8:HF$+5C3N/&]=G-426Y0T#V
MAHA\0'RIU+WEG#E3.Z9V?VW08,GS=2A,"+Q#IR%6:GIL[%\I,P8N%Z0T9R MUP"9V\C%<IJJ\H)JA+S'7:;.'VL:WPLC6!#>+?HD*8#:HV!-32?$L\]Y]Q MB"R6C5#&FI N64-Q)Y+R"K8RLI41=4
)4OHY^14VQ2UJ0#O1P=H86\XC42K8 MKE>PNKQHX[DU[;&*1QT.";%;U09:!N-21KWA!?(C!PWQ"UZ12==)D/8%9@J" M@P3A*.FR*SNZ1@A:FR***3JV"Q>*WN3J_.#-
JOI[<41L&HQX0H[Y:!^QW?V< M!!CM"V^1FD$N:[#GE9U2\!@4Z/:HGI.J-@G3(C MZ7\N0'%)YHK-A9EX[-.5Q,J"32T<+?B\(G[;2F$CYE@-;]ZOY@I$ KJJS1I] M(@^&X_N-
B4[PZC.D7G3PO4'Q8T81(S-<,[Y,7/Q;EZT$$R,KBSE.L<^TO@W4 MK]QPM3*NU)7I:EC3#^1,C@-'9'!WOB:W"A(#UQ5+XTTU=Q@T_9W/*97,T#0
M!2NDIJ2:K4DA(G&.6H,7EHTA8WH4=K]P%O3%47OW'?;OW\RB'TP"/WW0&3KB+ZG(3O *AXS$UC]TU+S< M=E+!]?ZS->FZ),-H,*!(AE(2#!QQQD$LU**N$EL?
_2K^'O_&50PZ$#!:D%6'J#>WK4T6-;ORCX@"LJX*H6"20Y_>^.B3 MLR$4P$$FITKSF=+\CN;F6)O+QQ0QVU147A-A28W"7T5V1R)E=6AY*2UC;+$6 M6A>V5HK+9+.SH)V#F#D "G$ 5*
(AD@!WFT)/S06*\CPS8YP=4\UJ1L %$8'L- MC'#Z.R$W>/N4P 98PT'C 5Z,[*B*@N,TB5NB4P654I6FB=;J&N2C41/(XK\G MF^W7\;NJJNTLD_A5457(W*P4@9CH6(T!$79G(GBAK
OI(]!X5(T"%++@PP M"US B(5)$U)7%I"1W;6EJD2+VIPHU90D4BW1TCPBJ[2 H9,P-2BO]*798S*N M:F+&C53AH+:LZUXPO06P^NY-EJJU)].J]+FJ]"]E0) U>F1;(BRGZ;;J<1> MA&V+)HT:91
'5KF^ME-V^LQ1)Z%H6%D*8DAX5I&&VAPQI5],$>,N#!Z!29E: M=[MU8AV8%Z(TC*("A>^0GOC#! 3YI*,S!-Y^P:ZQ:I3H0W##R(99*GQ\[>TW M*%%!FQSTX9-/*!YP5/5L5#R;8=D]IY%G'O3&
<>^(M4)1 ,(MSCD%LZV<1ZQ\- M FBO76R87#-+8*$FOL3H0]+@PVVRTT_2KQ"6K ^SMTF7A,]$X>?& /*Z+(I%9BWC84GIO M-
A)0A\50MM%RM'.$X1#344036403.T3#!=S]Z%FEW@L85/=H(FH^\ZW LZ,(M[[6I:8M;=G5@X?[TS@<.; V.C+8$__4IHF *<,N51)W<28DW2,B[ACV4 MK7(61.U4#$*>
/WT/@^5T.UCPKE:"B5MAH6;52W(EKRBRJZ?7#--*XJA.=\2 MH"7^XCNGDD%/L?5M3?R*RW8GW]W>OWH&6'=[?Q=?W,SB2?Q:,I)=WB"G"T? MR ,[SS>2?3G1-Y[%0S[_TV28W.(32<
MZ.+&Y>,OC=AOMVS0#D,LX35&2>_5S+[JA 8%W))=C;8L-N*J]/6^$X'Z]:! MFK1*DG6<8@Y2=2Q*/8V.*'R#BX:IT(8HFWA7Q&2YH&AZWYZ,I!84U MW!F*I-)/)SL:N$3"P$RKYFUCT(?\1%)$
JV0=+*=H]/XU@>+06IPJ37!^6SV M/YZ*APIE*S%*(?P'B[$'] 'Q#8@D]2NU3)RB?2 O*7*"#Y5]Z',8&-5!5Y!]HV'5599(H+NP)CQQN:E.U_3Q&O!+M%/Y'7#9 M\YIKI MW;UVO6,1_/S,*^S94?5ZJ[GD
^6RSW^[QV#UF;F &/N(S4P1EZ2JBE2&C6@" M;G"[5F<;SF!ZT0S9M*U^R8G$2=)D\5!+? M+9\PO$_G52K[28(7QHI6K=T/Z? M;LAL<%SMMP94"DO)XX<,P7])L=-FN4-Y+41]=AI/(-
)M8AXI3AT\#D+B 2'Z M1M^$#VV.%KW-1RY3,M3=FWD21.84K=FJ.E1BL_D5%7?;>&]C4%EY3YH"X>4J MZO#XS-D+MAE!3>KHZ9GS:?
QC=J+R7B/E,@+O%J8;+8)8;&"7+YDHUH8NV1'E75Q$4\%V[#.MV$@&M+%.8R1 M[H3/I:LQ1<$M"0I,M'2/8B>W#B,?HQ76OY00]^9XU15)S8Q\P%G-J-T+#Z5E MRNVLVU*H9>&%*R@P4ZP?
93/\SUIH[URUB'H%\]@9CB[M8R"NBR,)#<3N*8Z M"><&]G4OI#TDC8/<0VGSR)+_H?WPV#*R2<]6LJ:O&5G$&.Q7X\E"."FQ4A:6M: M^MR-PBS7,=/L3WO.CY_0?.!9DF! M3W/[V71D*;
['JV=:)VKWQ D#4]DUQP?7C,Y#'&=:5@4?9#OIM?!574/+:IY] M%?4B@>@?-:3T1]-&=U;X;H,"J/TPNA6]['DE^2QZ/>*9XJ?QY>3Z[(K^/;F8 M7+YX$3^C'^>3^=EU=.?[Q$*?
<3:YO+R*3\XFL\LS>OIR=A']Q,9O?D,?SZ]G M].'*OJY0A_5T_AF7GUC^G/[!2NU;<\)C5R$CKC#JR7QV!7:\V&?'Y61V<\#3 MZT-/X_/)VJ]/#=;]KU*)X=\S9>SU4G*3K<"0N 2[)Q&G&PAYC M[N%5!U-
KY\%&#]GC:!+"%'NH$7D+[]\=PK:H#]O^) RR/=9!UP.<&85@X[(K M[(D^?9 2",XW/S(:DKU "DQJIOTSQ'BI)XP^I^*'Z;6GL!<.#]** /4M/K-D
M?"E_38Y<=_PX+CXL50>H$;DZZ\O5;'#'P4&YDKCM5.4J^K-R]1FP._Y2V!U] MGKR)W>L%'3I3M)?P(H63?!=X=,8__E>UCC:O'7X?]@*#=WRX5+,(#"1V>P@_
M0(BTP'J6C^B$G[B38YLDK2N+*H*4B\UJ^=9ZC&./?>3E4L0FB @?JYJ0)[J? M&N[L PZU-T40M^3UX[B7.27W%O#9 C;-=;Y:*1JRASM;(WT1P=JF41A)\5%0 M=Y87:7()\S@K2#0X2,_I0$\3I#\X!#
[]RZI23?1E8U.GMY?)0#K?[[0^]E_+@/N+$F.QIIF49%Y>=J2P)Q-;N'Q'90MC9W MQ-6:F^;YT3MG'WOY:0VS_"5!I1T8!5TAFAVB:*F6X]FB4AL/ Y:N*C(>CVA)L:P56S/MM28+0Y4C^ T)4LVV^BD_R
M9X,,I#WJDNH6])U_[TN61 9$YH[("AD>^F%VE @0C'G,8'Y2,T]%,# M4\S'\2"Q;@2[8WDSE++H$)'^2)DKSB:.Y.%NL/P&\T,=-\EO5=!\L&=XW=Y* M6T\20U^*0UQCGJH6A,"5C0=>W/4OK]FW-
<)&%G5)&>?-!VGU;X)#7-% U4)\ M,PF*A(,W82 86]CRU 5L=QD13=7XI,=!-8V"^V\.ZJ6E5J]I[5\$%S>FI#>L! M\(M5RUG)"5_*0)$A#BXU?"O#,O]HNR/[67P HZ8/5Q?D>WW^M6>7I! D5B # M-
=EL$6_3TU2S.DET3:1?_A$H25JC M<.UQJRLI3@[M%W/ 8MO:T#]EF-!-M0]3<+^SUR=W'K[UB5VG)M+Y_;[:)87& MAC+82$N?=Q215P>_:"T/,XTUC\<-=&%V1P8PQHT8- $-)]-0- @D]7X4Q6,%
M[3+Q92OWCM@+CPY<<>1[O/B&%5WM,!2SEP\HEO&YI)!VT-R$GX3!+ADS$0GG M)(TFDR7EV2T:PQ5Q.T>?S*1HJGU$(#C >VEN7AB$X5;P TNBY%'L+]V^=C05
MKFV5:QX34B;FQMIY\N.VP:F#N/ CM#BVY26\9Z'X),9'1KEUS75'G)+VF)E6S/;'0LM<K3[)%QY)'7C>S)R?.G>E32WY$VR M6M5FY7"D'6&!\(5$,MFN^V;
(=R4Q6@H[@GT_)K(*5:F=IHT7#+9V@7-&SY9S M,FC#TL8I=;):.*]R.1,]9I/X%E8:>[RA^HA)PI)R>QM9:!5.WA'"/0G+_;/ MEZ'PI&Y(NK[+K]"WFW;8OVQORHRT)=!C-;Y. ([7X :YB>M
KH+ZEMY5%/+@%P M6'895KKW*[5B6RC61SU;G]+AZ+=3S>Y% A_EG:,M5OXX]_SX:6R^Y>?T%=LJ M2"#YSH,71OW)H7IZ)BDRU0T^K]%$>U=WQ >N[D"R9[,MJIW11 #LK?MD@$S"
M[EMI'7_DME5GEY$)N9Q=\D#T:/!9RX18Y<%9[=.)SU*"M\VAZ=.^*%('WHFYQ5LXI !I=XVT6L)"[+0B/]. ME\B1)CO*)[ZERU_"$'Q8Y$NW.EW) JR^WP'"F[DFO:%S&6-&V^"@KC,[V>& M7F-
44K@[KWPP)$>7LWU+E+;C S5$4N9&]"K@H MGQM&!IH\R#H)F3C^SI>/;K?@:,G3Z#$+*;,[%5QD3NU:"O_A\CA=^G_Y' C M)H>=&R/ ZIL*UF3@0P;E#G71D0_JN)S:8RJ><1]X N6:%44A
:VX#"HFQ%0G MJ^$J[,4IC4M]*K;50_!'1;:"$G8I)2##"Z";CAC>%Z$-8FSA58>W80CA[#W M+IDBIK5Z;22R"/ (_9L#^SEB&P#;,E._JCGA;IMMZPZS[9_8KN5B7U_&X^NE MFR"(&F_1B?
84@LQ=96\O#"^IJJU6A*P7/^FAWG%U=(C0W6[$X9IK[O(W;$F[M$=+7. [_P]I/\6ER9QMLE?8A =;]/*9HT;_G]^S _-[4I_=\Y2T28P;
MKC]Q=GMOX!AW7:9^B5NB<6EL_JN**YDU]O[W]Z%O;36GTX=*O#:?$\GHB#DS&]YV!+O:8 M[BXPAJ+F=,E7L47AV:6 .@H6\Z*SU>P!&U?UL0(^%5*?T& MW DO9U." VZ,L.'=V)#]$8)\
=\;KE&N]!@E30+I.B=;90V%:5+(.^]-:X7N]T_S).6HY$T7]AHX-;Y;T%@RJX M^ 3B.+6W-PW>BBP3V>4\[MT_,3J4+$U5:?_:5-H[Y)S"P@%G-$X/W9"J=6E7
M^E+GA(MYC<3R22C^=36<7$YLOX'+9N4F_):!)R= MN^O2Q8F.4VN'HI,#K9,1I_2XM_"-6 W=C]-1JW1^3O_M]=G3[ODY_1?]9 \Y MJ_P?
BN@]=GX1GU]'O_"1;,+N7N/2>0]G\5G%]&OUB3T;^;1R[1N)K,7%[;9 M\-"S(60^.[^D_UUKW"-Y&+*@JBZ.)8M.O.G@\^.']U];U(!N&^19,AZ?Q:G MKLH*=[?/!9\?.Q#[1F?.2'<]8^$:-
D;.^,=XQQME.N[]I_0(U/^]G1V/8GO MC1SL>^]BB!-IXCB[F3W["CVEN'+7]>C+8RPW]LW7[KXZ"%WB% M>^E_3C[2SNGDUQ=CD_LGPTFU_ZIF+L5)1[I 6BD'+=P)9)WN*3H'N9 M;
[9)^>Q=79NT5YFYO;]KGLDZ;C<&H4K)A[_SMI.H[DZN'Z'AW\EUC[I!2:FG MG-B1W_?_1LP;&V&0]=H0=5#P$W[NS1U!L1QV3GHI*G;V,/0SY_^"!UJ7GP5_9(H:L^&^)\
5U92M_<,M]&MN_5W8K?Z7+/RY_M[.R'I%XAO"G,DEZ=3:\OG\CMP_?7MMKRW^Q:5&U;;?A'7'MO:CQ WR\K@F;Z M"R9P?]7MY7\ 4$L#!!0 (J(#5F+78-?800 !4* 9 >&PO=V]R M:W-
H965T+H'+S31,PNW&)[:NC=T8S"8M7<,"S.?V5N'= M8(=2L0:$9E(0!:MI.$\N+@MK[PS^8#+#1>VMBF2REO+HO_DN".7)=5P)?D75IEZ&HY#4L&*=MQ\DIM? MH.?C$BPEU^X_V7C;41R2LM-

&-KTS9M PX:_TL:_#GL/X)8>T=TA=WCZ0R_*: M&CJ;*+DAREHCFETXJLX;DV/"OI2%4?B4H9^9W=5 KF334O%$J*C(PK\<(E=D MP=:"K5A)A2'SLI2=,$RLR:WDK&2@R*%;6L(T1(5I4
\0SMZ\2H;QNR.D\AVI_!CZ;(&" MKCH.EL6-,%2L&;X_,M<:C#Z4[%&XP\GNX5*'BVI?_HT*)$82VDAEV#_4RC$B M3)2\JVSM3"TUVI=?.Z:@P@=DV6F,IC4I9;-DPGEHL@$% =5D)3G.$FQ !,3R
M:^N!&)W&5Z5/+P+L!MAU0_"SD@CT.YC@BBKU9 /B>^N:CE.#T;:;P=R!D?E> MDL3O!=?P@-.K16L#92TDE^LG\IH4T2@=XO4DCXKSM^5'2692/?%9O7F%^Z3M< MI5%:%-
^AG^#%,MUZ)1&>'_N%&%K4DR0>VG*.=+296F?QFRWV+"2]JJN"0=HZ&.:P=.W1\:SM1 MV.%*G(3PZ#5UH*'L%#-VQN#AJE%GO7BH<E[;L M#EF3MS:Q&J<">$9^-\OP]XTE)MQ@:&R?
\IXD&?Z"CZT7/\Z/ME,(I.&Y69:3 M;!1\%@^@+3D$,HJ5=OG,K!,,2YG$!$?"%U0"M8.CY#BE<)JC,58 < "9)VRT M^#S?MN=+MIS1)>/^=:19@7^COE.Q3Y-SS"H_V(^#O:,:);V'R1VSJ'D_*F]
MV]U]\\S]4?^?N?]@^D#5FF%E.*S0-3X;8<\I_Q'B;XQLW<&_E ;UZ)8U?K>! ML@;X?"6EV=[8 +LOP=F_4$L#!!0 (J(#5F(_ES2E , -T) 9 M>&PO=V]R:W-H965T>I$X).?QS7 > MR?
%&Z2>S0K3PM1323,*5M>M1%)ELA24S9VJ-DD8*I4MFR=3+R*PULMP[E2)* MXO@B*AF7X73L^/[U=*PJ*[C$>PVF*DNF7^8HU&82]L)MQP-?KJSKB*;C-5OB M(]H/ZWM-
5M2BY+Q$:;B2H+&8A+/>:'[NYOL)'SEN3*<-+I)4J2=GO,LG8>P(MH<#,.@1&OV=R#VOR)33R>8*:$\5_8U',O?PLAJXQ59>-,#$HNZS_[VN2AXS",#S@DC4/B M>=<+>9;7S++I6*L-
:#>;T%S#A^J]B1R7;E,>K:913GYV>L.XAH],5 BJ@!LN MFI0+-Z3BRM*+SB[(&?5ZC)P?0+^!.2;LR\+O,,?^O M?T1,6[K)ENX\.0KX5R7/H!^_A21.!D?P^FWX?8_7_X'P/\]2,JA_MZ7@!I_ ML!_?
26IDUBS#24B:,;B?,9R^>=6[B*^.L!^T[?'T*>/)-&\$I[[S!@DLDSF M<,M9R@6W' W<(3.5QAR8A6ZPI =XP*S2FLLES)GA9E]T1]??']W[%4*A!*G= M(5M?.B1?/T':P-+P0I5K)E_>O!HFO^ M#KJVZ+
BB]P:"+>1<,(E=:K*T%QS.@JHEK"MI:"3G%M\1@&]YI\T_WY0IW@4 M4$WC"XE0/]&A652$!B>]4WA-+J_!!Y5<[6L%G8T9!9^8UHQH=2,FB+A_ (1& M@FO,L$Q10[_G:?=_&=IO+P?
#0\3]F%MJ5JK**8II!"XS4=&A0 W(F%GY'?0- M_%)QVFFO/27]KF:*S@]I:#:UC!(\9Y:,E G2*X(__LP9')'4>2NI\^^6U#5: MU'3F,G]_N/-AEVQ789P([HZ,.LW[1'1TQ9\FHOQ;MAW);-
D6+=M&'&X;FAL3\G_ M= KGPX.:\V/[RBKJ7+DEZJ5_6!@J3RKP^O9M>]NWRZR^LG?3ZX?/'=-+QUA@ M0:[QV275BZX?$[5AU=I?X*FR]!SPS16]OU"["31>*&6WAEN@?=%-_P502P,$ M% @
"H@-6>C4ESTK P 0@< !D !X;"]W;W)K&ULK55M;]LV$/ZN7W%0AR(!W.C5CNW:!N*FQ3J@;!!ORX=A'VCI)!.E M2(^DHN3?[T@YF@LXQ@;L"U_OGGN>(WE<=I_-SM"T^-D&89[JS=SZ/(%#ML
MF+E2>Y2T4RG=,$M374=FKY&5WJD141K'DZAA7(:KA5^[TZN%:JW@$N\TF+9I MF'Y>HU#=,DS"EX5[7N^L6XA6BSVK<8/VM_V=IEDTH)2\06FXDJ"Q6H8WR7P]
M=O;>X'>.G3D:@U.R5>]F[WPNEV'L"*' PCH$1MTC?D A'!#1^.N &0XAG>/Q M^ 7]D]=.6K;,X CARF\2L.Z<$A];S[0)[E+;-LM="J ^VL"2X M=(>RL9IV.?G9U9H))@N$C;\!MV@9%W@Q*]L*-
)>+R%((9Q@5![AU#Y>^ C>! M+TK:G8&/LL3R1_^(J W\TA=^Z_0LX"^MO((L'D$:I_D9O&S0FWF\[+_H_>-F M:ZRF"_+G*<4]8'X:T#V:N=FS I45FF.YA3-LT"G:5)RT2?
W%@MLMJ@A2T:!R[1+=Q9<< EVIUK# M9&DN@R,"\^">=70/+6K.A(&?()FEU*;Q+'B@9_B.RW=[K0HT!I)1-HVI'2?7 MP2,U@<8/UGDR&VP?F"93^TQ5E\00
MEW0*V77@%4)"DR3Q1YXF&:F8),G) X^.ZEJ#NO;5VY"F5MJ^Q VKPP=QT]?% M?\S[W^4+TS4GQ?0(KU\EM\I2S?7#'7URJ)T![5>*9!XF M+L#P;:[^!E!+ P04 " *B U9:<^IDF8# 6" &0
'AL+W=O<_=/4=FOM/FHRT1'3Q+ MH>PB+)VK9E%DLQ(EL^>Z0D5?"FTD<[0TV\A6!EG>.$D1I7$\C23C*ES.F[VU M6\V4,/R+7-L.3=Z M!\:?)C1O-*DVWD2.*]^4!V?
H*R<_MUQI*;FC*CL+3.6PTLIQM465<;1P^L@V M NW9/'(4RWM$68=[T^*F/\"=PATAE19^4SGFW_I'Q+$GFNZ)WJ1' ?^LU3F, MXM>0QNGX"-ZH3WS4X(U^*O%_KS?6&9+,?T.IM\CC860_1C-
;L0P7(WP,??E 8YG7 D$7\ Y)CT,$CT(,$WPL,2BTH"&E*H#S M?8?*Z">>4SEU16#6(M50>"X@.-MPP1W5,+A_>6H6 MO*_0,%_HUL'""8R2:7#+%5,9[C>3=!(\:L?$8*@3&(^3X-WW 8?!+Y.7X-,. M_
5G*%@Q6T+%> YT(0*3NO8"XBH3-1TDHZF5).#: MH%>7K]>+.(=4,X]84-UM]DS3Y/$9QJ/X(AJ)KUJ)O];-;>U(VYPQQ67M80U M^]Q,P9".CH(.ZZA#EQUZU:%#384T@2].ER%S0#.-_4P#,
[Y&UGTM8ZO"C7\Y MX+39T[6E8;5GL^ ?9 90Y;Z$;S%#N4%#4GK=]NH$DJO8FQ-(IB-O3"&)I]ZX M@*NKKO]%R[5M3\]T,KDD<5D[RZKNJ7CD!)T<#I)X"Q8^V2ILT],U#C8WU9'
M@XV+#NYJB6;;O$@6,B^D]MKN=_M'[[J]Z[\>;U_,.V:V7/G1*\@/U/K^@=IGV M%6H73E?-S;_1CMZ1QBSIX4;C#]#W0FNW7_@_;\"RR]02P,$% @ "H@- M69+V+O^"! / L !D !X;"]W;W)K&ULM5;;
M;MLX$'W75PS4==$61BSJ9CMU#,1.%^TN @1.VCXL]H&6:(F(1*HD'2]3ND M9,4!'"/[L# @WF;.G+EPS-E.JGM=,F;@L:Z$OO!+8YKST4AG):NI/L-$WBR
MD:JF!I>J&.E&,9H[I;H:A4&0CFK*A3^?N;T;-9_)K:FX8#<*]+:NJ7I:L$KN M+GSB[S=6O"B-W1C-9PTMV"TSWYL;A:M1CY+SF@G-I0#%-A?^)3E?I%;>"?S@ M;*@K#2BV8ESU6DC.2YL4FZ-PE..
M>F:^V&KI+\NUQJ5,O/WL3"U+.+C+.SU/-<- MS=B%C_=/,_7_/G[=R0-/I_P,>Y]C$^ASV_QNN?;BCE?9-U0\00KEDGTXA^6 MX_2!B2T[QOHD[G'6=R7KC:AG(ZHUXFV4K$&7O"!MHP:)?-
M9H90\W/39G9? M8#8S2PQ+(=73L6([:>7U8FMS:LN&8Y7 >L_ >ZZM/AK((.L8P/$:J$_6P-ZC M'N18"5RSVAY]6[;YC\,V_RE)?7XGA+C]242\NOY)'Y@3)>$8DF2*$ @S#()X M?UA+&UR-AQ&D
8R3,8*%D_Y(^_?34(2?@820>S9_)-@ZO(?1@F. MZ7 \25S^"=(^D?^TSW_Z']K+Z[WS6,Y/(A_/.;SALA[+2]^JX1)C"0/X!!C1 M 9 /_W9 E!\ '@+!W@G[6=\>+S$/#E5^^MWKW#AA'%(#\6_=)
($[7F762:W MMNEA[V7\P?ZE/C>5*]RKUZ@2D8/&XAUP=KSPQ@X[\ [*1M6H_W@%%M_G)>T&/ MQ(<,;NC3F\S_8"*7UKB#Q/8TV&\MVD!TT5@QEQ\+7=D_4U-B[R+!X%AUC0Y> M-
,BN<.\V#8Y9^[CI=_NGX67[(GH6;]^5UU057%B;&U0-SL;80E3[5FL71C;N M?;26!D/AIB4^;YFR GB^D=+L%]9_V">_PM02P,$% @ "H@-60'@>?C" M! U P !D !X;"]W;W)K&ULG5?;;MLX$'W7
M5PS7DN:#3N4G)=8*2XJD+BZ&,S#L\N1L;<&7SC>J=X8 M3"9+(;Z9R;O\8A 80EA@I@T"H\"6*KSS7FXO!9 YKEA=Z!MQ]QNV^:0&+Q.%LK]PU]B.@P%DN=*B;)V)0Y &FM",P.;JO4F-I#1$Y
C>"\J MO5'PNLHQ?^P_)'H=@\AQO(P. OY>5S[$P0N(@B@Y@=!W.<<6+_Z_.?\U7RHM M22A_[\NZ 4WV@YKB.5-;EN'%@*I#H;S%P>SYLW 4O#Q .>DH)X?09PLJQKPN M$,0*/FX-
604?:ZTTJW)>K??1/0BXG^ZG#<)*%%2HA G:"*"M5OX/*D_3:UM% M7/\ 7H&9]PTC=V"WC!?6GOH$K"6K--1T_-(:71>,^.:UM+"TH#<2":O*0?%[
M*!NYH)$+T&%C=]C61+3YBH=\/:;,3CRV/;:41*W(1KT O,]PJ^F!,N,*82MY MAB=GWI[M\[[:XL7<6S3IS&]14DORYEU:'^IR2=E0T-#>+SZK9,/YL$H71
M2_=L+#*#611D8_9$HJYE11,M[(9&03BUVPS1?]Q=P@\(SN(XI&A$)!G[HV2' M]WLFLXTCG5C2J24]\L<[I'<"_AKO^!=XIX$?3G=X/]9$$D&<6-JI/YW"@4I, MNTI,?[H2*4&8NX+X;.5NI;ZO'
^B[B_'N?M4NEBN^+S=TN(*K)L]CJ7YTCY1 M#4:S*\8EW+*B-M70*=])_D'H5MNG]%5!5Q9OC.<7X^E]$-7I+2H3S[6)^0> M&MF,IOXH]MZV@HG,B?AIZEUU1VN%*P1I[*?)D^ [FFR0(S](O"^-
]7':",-/ M)D^"/!9(&)BHD3^.#XECU(EC]-/B6/!UQ5<\,PWBAE5KM-%[7<<61-M-;(]I M!;]//0?#_E(S5SUZLJ,G=NAACY[KPS_?>S-J[.9S6K,""K["/F37D/=]S[JU
M_O8XJ;KN##=H;IW&O'O5#:YZH9U]]URO):Y)UZZK_V&XN;[N%KOY.T+B= O- MFF/L?P.:EO^(N=F)/Y%)==*^[*?0K-C:@Z. NC^!)03:0^-5DK:#MU MHZ.N[5G+T+BD4ZJG .((1GYD^ULP\
<,8HHD=C_UIV/=SD9Q;0F[AY*MQH= M$\2XY[:O'H:]FV:)D6;(<;^MN!TAC0^Y40VDU,@.Z/S.Q?4$L#!!0 M (J(#5G8)7O\&0, #L' 9 >&PO=V]R:W-H965T,"V\^=7,K-
9_*QI1*++]GR7B%0G,I0&$^\Q;AQ3*Q_L[A.\>= MOC<&F\E&RFMK?,AF7F %88FIL0R,?G_P$LO2$I&,WQVGUX>TP/OC/?L[ESOE MLF$:+V7Y@V>FF'D3#S+,65.:*[E[CUT^(\N7RE*
[+^Q:WW'L0=IH(ZL.3 HJ M+MH_N^GVX1Y@$CP!B#I Y'2W@9S*-\RP^53)'2CK36QVX%)U:!+'A3V4M5&T MR@EGYF]_-]S7@6O#XB,.D%)L?8YVNZ:%E3(L@<6K&O+DNF-<\Y M9G
IJXJJ=VUD>@VK1J4%U2#\8$HQ831\:8PV3<; _E=33RX;P6V@JA4\#^ M% 9@"K1*:B9NGQ4LJ4Y;U=JIKO>J=WO5\DXUG.B"*016 MR<8N<4'DLM&TJD\OX'-3;5"YK;E!E7)B62F>(IDU5\S=
["4KF: IYI2_P10= M)@Z=^AC&\ *BR3 (VJRB23>_4O@J;VS9WBGC6C=DAX,D&A$L(%0(+Y]/HC!Z M?1" G:P,3L*!=3Y]!%NCXJAA\2A*/#@?)U;<,!H%\ XWJJ'&"*V^\Z=Q87SN
M4&>D\2G4\C_1%LV6NDN'2O[9PT^,3FR_@0DYC<+V_[*/@_&!W!_R/J@JHHW" M$ [=(/]>0ZM0;5W;UE155")M;^MG^Y=AT3;$._?V6:%4MEQH*#$G:# &ULS59M M;]LV$/[N7W%0L\
(!$EMO5IS4-A"G#=9AZ8*F:S\,^T!+9XL()7HD9@:Z*@JG-%(5< MC[W VPY\Y(OVVP2F92/MK.^VSL^980"DR-16#T6^$-"F&!B,9?#:;7NK2&^TM^JW3 M3EIF3..-%%]X9O^Q-
_0@PSFKA/DHUS]CHV=@\5(IM/O"NEX[B#U(*VUDT1@3 M@X*7]9\]-?NP9S#T7S (&X/0\:X=.99OF6&3D9)K4'8UH=F&D^JLB1PO;5 > MC*)93G9F\H4IQ4JCX48PK?F<8P9,PZ^R-
+F&=V6&V7/[/A%MV89;MM/P*. O5=F#R#^#T_C(WA1JSYR M>-&/J__C>J:-HN3Y\Y#^&CX^#&\+ZDHO68ICCRI&HUJA-WG]*DC\-T?(QRWY M^!CZY($*-*L$@IRWC#?
G>TI:=;]51AM69KQ<'!)QU,UA$=>Z0UXI'-B& \@! MO,44BQDJB (W&IV!R1%N9+%DY09REKG^7 HZ#8@.B)9XNB.^WA*7.^+0986L M[" O"4-6FL;UZ15\])Q@HO/N"57*-<*]XBE2=\D5<[5/I8&
[[>!:5^3E'#[(M52-D>2[\Z1J6#I(]"(I!.;3M\,Q:$$.0IX.$$^V2@_ MTVWC?E_15M&EV&F+A)FOM*YI
S(TJ.CVHE2HM(V]M7W.M;!)C_V<\S8"ZG7<55KH]^A4J=;GM"M&W=+9T!EG]+M8X_NBHEZ)NI=P@:9 MTKM6YWU)4Z@-*'M(=!77C^=SA>CZIQ#WH@OXJ?GM'*VDH*/%YCD$P9 6N.]N
M/N,KGB$5T:CR-K4:/Z=V\,9U'U6"I0BY/0*0$DN0'I,:]N%-+;5O_)#7]J#6-2 M4O]>D)HXJO@J*P M;PX&XW[D!7%O=EDMNT]GE\DF#X-8W*
(V";\'\WQUU3OOD;E8>)LP_Y9LF6A6:%3R_"3,JO_)MO[N9-HC_B;+ MDZ@)+EH0!7']UWMN-L1>@#$\$F V >;:@-&1 *L)L$[-,&P"AJ=F!HU,S MC)N \:D!DR9@1-P?FK M F85G*H]U^U\VTO]V:7:;
(E:?GM@E:^J!14 M11?[/(A+L3_D:?%I4,3EL]]6@MPFT=J+7X@7S\E#+7J2+,A#L(R#1>![<4ZN M?3_9Q'D0+\E]$@9^(#+RQ1:Y%X39+^0K^?W!)E_^^LME/R_:5)+[?I/_MLYO
M'LEOD;LDSE<9H?%$7/Z=V(.S*%]ʼ M??3A_]S$9\0:' VW3P^W5%OCY[([/Y?=U8??>6D1;AS-SM[)[A79!];1<*X/ MMX6_RVYIA&#M?AE6Q;/POXP__E6P",]%E/U7L2(W=>*A.G'9O5UD:\\75[VB
M_\I$^B1ZL[_]Q1@/_J'2(Q)F(V$4"7.0,!<)8T@8!\$DQ0]WBA_JZ+-_%[55 MF&29R%2BU<9V%6T-&U>PLAY[FHU'@_+?9?]I7X_(I/3$I XRJ8N$,22,'VX. M8WPN;P])1J.=C$9:&15'Q$VT";U)-5 I"IF6
MGIS60:9UD3"&A'$03-+=>*>[\;N'KW6:^$+,[)(DXCX2105)U1%$>W_J/KP MK9>F1:>M/+Z-#_:E-53LR5MM[(KVMT@81<(<),Q%PA@2QD$P2;"3G6 G6L'^
MNLFSO)!E63M*4OT2Q.1AY14956=4-UIJUR-G#1OMR?Y\I+^+<6XKR="5;"[\72%>&"9;+_:%2E5: M8E=5(6VD9KV'2_RWXC/&0Z%PEC2!@'P21]3G?
ZG.I+Q%PR52M6RNRIU>MCM*ZI&9$IZ4DH'F=)%PA@2QM_;&)*^ MC$%[67.@51B/GXH#8)*^D&T:Y.+K/-G&RK)/S^FJIH8F]6W&H9R@2>E':$15 M\S4@Z0S9G*K.9USH&C HC:-
HLO3VKJ@;^H-;E*1Y*=7FCE*Q6G#.RL.2,;, MFG1&:RCV/VV^N"]TY;644X$N=#T8E,91-%E09BLH4W^>D*]$2KP]61'QO!9Q MINP=];#.\C(/JY_B>(;,21O:OK9,A;*0.5THC4%I'$63Y=?
Z((;VHO/LFRBZ MTHTHB[)D&0=_*FVZ&SVDL^R@K@:41AO:_D]B9%@*@4(M"RB-06D<19,%VMH6 MAMZWN%$_%4Y!LLO"ET.BZ.$J*>>5CD'5QV,S*ZRC5%14["4,OW5NJO+BBS]59
MQQ^@J4HS&]HLBFJ6 VV6"Z4Q*(T;AW:)>7[D+*5U2@R]5?+]^N%7$L1^*KRL M$&VERNR]RW]Z9F>%C@[/6$S#>-O!0VV3DW(ZT)RN*N?(.)=S,FA.KL@Y.2*9 MUN0P]"Z'7?3&8;
(NU/*;\%=Q$B;+%U+=HY:1/^Y$]"A2Y3T'>FQGU4!=$"B- M0FD.E.9":0Q*XRB:+.S6##$FGW6_C0%U3*T&TJC4)H#I;E0&H/2.(HF:[^U M:PR]7_/N)2.H.=/0I,M\JELEH%DIE.9 :2Z4Q
TCJ+)TFR=&D-OU=Q6]R 7 MITS?1%CI,UL%ZW=*#:A! Z794!J%TAPHS872&)3&433Y#N_6'#('GU5JF% [M"4JSH30*I3E0F@NE,2B-HVBR]EMWROPY=TH?WEG A_:/J2HUH%DIE.9 :2Z4 MQJ
TCJ+)TFQ]+E/O<[6>/7WV5UZ\%/HZ0X_K+%4DS8;2*)3F0&DNE,:@-(ZB MR8)NG3/STX80F5"[#4JSH30*I3E0F@NE,2B-HVBR]EM3SM2;1-
4XTTTFR@$$8?"D'KRL!W66LKY9%GD17JIJAPUM!_UP.QQH.UPH MC4%I'$63)=HZ>Z;>V;OSGM^O,:#N'I1F0VD42G.@-!=*8U :1]%D$;<>H#G]
MM!H#ZA5":3:41J$T!TISH30&I7$437X(4L56OJ!9*?7&'I05RF_TRQC<+S(M@#:$?KPA#K0A+I3&H#2.HLDB;4T]2V_J?:^>Z5=H]/I)I.6H;UVYH6=UUBET M_!F41J$T!TISH30&I7$4359SZP-
:YF>5&Q;4,H32;"B-0FD.E.9":0Q*XRB: MK/V]AP[J!]O=(\O)H#2.HLFZ M:9TV2^^TW8OT:Z40VUF(4 L.2J-0F@.EN5 :@](X MBB8+N[7@K$^SX"RH!0>EV5 :A=
(<*,V%TAB4QE$T>5:"UH(;ZBVF]X8LZ<.[M"AA*LZ$T.E0\H%$Y@P'4>(/2&)3&4319FJWQ-M0;;[?U8[L?]L=VZPH,/:>S M1J$&F&Y1&H30'2G.A- :E<11-
5G)KN@T_S70;0DTW*,V&TBB4YD!I+I3&H#2. MHLG:;TVWH=YT^^A$#'IL9V%#_34HC4)I#I3F0FFLHCUQ><53&6]J]O=D; M(Y$NJZD_U(=9^OIZG9+=].+7E>3:KY9?
FMM'Z3)^M]J(LC'),^3J'JY$MY&PO=V]R:W-H M965T2JZM4Y+XG$-!9OP%NP M4LMK1OC"G+TFHTF&6[M;3;56XLGJHK![*\-P+ M>&;9G_]0X>!>DD3\VR4UQ_:ZL?7S>ROV."0S2SV@@O
CL>8_@ #Y^CS7SD3 BPPYX]ZA=PE>]UT*D:&:OT>DD.,)=EH>ES2_["VD2Z2.9)_=O^WP1C!!LN.*-\9HVZ:?DG3 M-
]+\4_GV%67T6_>&@3=]J$&P'N6CL=/,+2GZ!D=]?,B(27C4OGX!>UJ/&09!@*KE6%2EF$RC%U-6JO/'Z&@\9P]$U1C")VJ+3N#&58! M57M*/'\R:1#M"G.]$;Q]6R"@$.85H%2-
&!8W+!JQM#I1@(K5Z*:IR YGGB:J>#[6E!/75-JWLNJLZR&BJ@>:KHY74=$P%R M?-1DVC4X^/Z%\0=6HP,TSP[7>MVHW10=:IS/-L<, \=?7RM@*H;ULAI\NR("BX,<*@:&)!Y8+C2 MU%#
[Q1RV"NFV"SFYP*]JZ,C\\GZ-HYDA>B]NKR6UX[W3/MMVTWN>[S'?T52 MF&Q5FG,S4F7@^39B?B+9/MN)6S.I)K3L,"\X0[@.4->WC,FG$[VY5V[FSO\' M4$L#!!0 (J(#5F8I%U\4P0 * 8 9
>&PO=V]R:W-H965TPWNI(WJR9_Q)1 2/2S%P3W2H:P9>]*-#^'4F<,_-+ SP,M/,O# MNL<2SR:<[1'7HQ6:OLFYR:U5-(3J95Q)KIX292=G_T2 %BQ),7U!F(9H52PG M8ANT(EM*-B3
5*)Y$+",2D*W:.EB$A 0Z)=[D)C$XE?T&UJI] JS&+2=ALLD MSE=)->])G$D(T5\J)S\R(= 2.%I%F(.R$_HJ)K94H6B'[*!T^ZYPVSOC]@] M,BHC@1YH"&'3WE845#QXKSS<>4; /S-Z@WSG'?(O?
4Z]8=R*% G@E]-E>I&&H>U!: 5A!DG$B=D@_/09RIA$;SI)CXAXPIRJ! M#PA[A^:)3NLVK@H'^KD#>B_[UJ3".T?A5:WQC:@PBT M15$8JD+@.8@PW0)>JVPH>[\^0K(&WKK&1O1+U[@CL
81@XJ(P15*8- E/1V! M>@95O0,KUT"P]/L]H*P#BD$=>HBFMT4?X'+$F4\^I%&#P9$]\(>^G*=@36 M8&!<,3^0N*/NZ2G(![&/:Y32Q;GVJE?>G"8V.YQ[IO'-&,[D&.N,;:_4^VP M0)*A-.-JZQ?
P_25@QKYTD;M":S+AU4QX5RB#*81:X;EFB?>9[D#H15;$24X"?=LHA(P2:99"YADN7NN.T)I\ MU++0[5^C'#J5BUVA-2FJ!:-K%%QO4@Z#TSW?.2Z'TS'>F8\"MU9[KEGN?<&<
MJP]Q@8(8"Z$^RU4X6"#XEA'Y8JX"(_#%2]P16I.&6ARZHVM40:?.L2NT)D6U M>G2-ZNM-JF!\^G'LC$]>"S^@$I'I**<6B)Y9()XIEIC@-8D+-DP58T:_-!VZ
M0FMR40M*S[U"Q7B=*LVNT)H4U4K3,\JTMZB8TH/&.\'O'Q5,ZZ\C(64?G/4F MP+?Y$;C*=#US<=Q9]5;'[//\-"1+0/\Q/E-9.2)?EM!#@$K@>HYQO&Y&M#3U#]*3'['U!+ P04 M" *B U9HG+2'/H# *%
&0 'AL+W=OPZMB,[<#, MO]\;)PUD&KRPS4-?P%_G^-X3^^KZCC92>DE@"$_,B[TV%L:LSKS?9TL(:/Z M1*Y X,QA$2."^8T([O%:E7[UD M=]O/[%?6>71F1C5<2OZ-I68Y]H8>26%.8OJ!PZ+?
@2R;7])9MJ;>"1 M)-=&9A48+3\%0QG7'\A\H '+\VY77VN-> T%2FY873&.#,;+D%JG,%*.&&> M[-+C1R;WD.1*,;$@%U0SC81?']:D_;L/Y!UA@GQ>REPCGQ[Y!ITK3/23RI'+ MTI'>'D?
^SL4)B8(_2"_HQ2WPJ1L^A03AH85'3;B/DM:Z]EI=>Y8OVL/7L4Z/ M-\A/K@UD^I\V;4ICXG9CBMAQIE?M1N'!S/(:M&I6@O@45X7]"4?^>M=QUXJ&-W'M
M3>RTY!M5B@I#^/:SMUE6DISN[AM$O]C6LF80#]O-.ZW-.W6:=P-KX"0DC[>0 MS4"UJN9D./9D=436<+9?.]M_2S>RWZ5N'9$U=!O4N@TZN)%NCCTWT@EJ=XNT MR?-
ZGH8RPUJ981>WVTERA)>OYVEX^:GV\M,!0:+G#!).AF,/>T=D#6?#8)L/ M!6\I3%36="1=5VQ-[79RR;"#4/$?)'MBA1MUQ#7J@*@ISS8E#)V9TZ'QPLUR
MC*>O)VIZNDWB0G<&5L:,R!DSW!1'G_R.V)H.;_.\,'Y34<.9=AZM74=L3>VV M26CHSD(/C!INDGU1XW]DG.UWZ?5$37FV:6OHS.X.CAK]EX^7%X^(MD5[7Q%A MD2$V1[:94>A.C?!SD/-
,YD7Y@"K MWW"\Q0//S[R$ZJ7]G;8!GS/V9IR6VC MNV"60!(I4A :5V-+2\Y2:K SHYR*!(@M=NB3-G']G4)(!FIA"TH::="0\@U: MC]9%JPM;VWDQ/CB[1 ':9H8X8^M<_G:+LDIV2]6""4TXS'&[X&2
AT:5A:>R M8^3*EF)FTAB9V>82:]J6(#S&PO=V]R:W-H965T7+@)5HW-;)-T^_6[-I0F&HTZ M=2_@CWL.YUQ?KI.-5/>Z ##DH>1"3[S"F.K4]W560$GUB:Q X,Y2JI(:G*J5 MKRL%-
'>@DOMA$,1^29GPTL2M7:DTD;7A3,"5(KHN2ZI^G0.7FXDW\!X7KMFJ M,';!3Y.*KF !YJ:Z4CCS.Y:)K#5/@W!*AC)\MI]=]T@*WQX_L%\X[>KFC&J:2?V.Y M*2;>V",Y+&G-S;7^#3_? 99
@?.'BT"_.+GN%[=6:^ M7R(CF1LH]8^^;#2?'_9_WO[MI[JB&4P_)TU]#5XZ=LW@SCXT)>;_T2VDZFH MRU2TCSV=2FWZ##:HV*%L]UFG@W$\3OSUMO">H-$XZH)V! T[0<.]@FX$-D#. M?
D-./F+CZZW%O0S]"2-]B7\]SX[%46=Q]%*+EQ+KK=?C7HI_\AZGAV/<>'_I+IZ@OZN+G^KW=JK[@M5*ZP:PF&)L.#D/?I7S?713(RL7 >^ MDP;[N1L6>..L@&XOY32/$YL4^_NV0/4$L#!!0 (
J(#5E@*ID7@@(M -,& 9 >&PO=V]R:W-H965T%M'^*:BU>9 RCT5E FYTZN5#ES79GF4&!YS4M@>F7#18%5'HJM*TL!.+.B@KJ! MYT5N@0ESDMC.K402\TI1PF ED*R* HO?
=T!Y/7=\9S_Q2+:Y,A-N$I=X"VM0 M3^5*Z)';9O9O"0S1W/ &% M5)D,6#<[6 "E)I'&^-7F=+I7&F&-_O\]^;[UK+R]8PH+39Y*I?.Y,'93!!E=4 M/?+Z*[1^)B9?RJFT3U2WL9Z#TDHJ7K1B35
0UK3XK=V'GL ?GQ $K2#X5T'8 M"D)KM"&SMI98X206O$;"1.MLIF/WQ]JU&\+,5UPKH5>)UJGD#E/,4D!K>VE6 MH#"AZ+)IY14:H;4^-UE% ?$->F [8(H+ E*O/*V7Z/+B"ET@PM"/G%<2LTS&
MKM)8)KF;M@AW#4)P N%;Q:Y1Z'U"@1>,!^2+_(EI%KN6WEX*'?U9G0[$G0[M$MA\X8E\9.S(3.->CRL-I=N)DN.[2!H(E_\PVZ=@F9]GN"2/ZLF5HR_GP69\< MO]4+Q^_0CH.F/?
P#LJ@CB\Z2]>^FX@K3(;CH^&M%7O0.[B]!#9W;*SFFW'_' M8DN81!0V6N9=WVASHBFAS4#QTE:A%ZYT3;>=7/]U0)@ O;[A7.T'IK!U_['D M#U!+ P04 " *B U9A8HGF0D# !%"0 &0 'AL+W=O;$
MQ7;;[=]S[L&11U[@!)+XD=G+>X=CUNV,]D(^7C6)D\Y+]386VN)&?]Z@ M0 M4W4E-E#@FTS(G&KIO-A+HTHIR[D=!T/5R@IO,K+/9G(R$EO-60$S2=O\F
MSZE\O@8NF,O]%X>W+55IL'_F2TH2N8@[[?S"3V_#K+DN50*"8*(B$;>Q_" MX71@XFW 3P9[== FQLE"B$?3^;(<>X$! @ZI-ADHWG8P!7TZB&- M\+#+[DOV3]8Y>%E3!5/ 'MM3KL=?WR!
(RNN7Z5NP_0^6G8_*E@BM[)?LJ-O!(MNE5:Y)48"7)6E'?Z5,W#@2!,3@BB2A#]K2"N!+$U6I)96S=4T\E(BCV1)AJS MF8:=&ZM&-ZPP7W&N);YEJ-.3:\IID0*9VY*Y 4T9)^?
E75V0=V2.=;/<H*B>H,CFBT_D M.^UYZ/)6)DOY?3_Y3LE>^X]AVW9:']] M[W$MEZ8AWW#Q#$ 64$#&M//;EDF[-JG907:3),&ON#NTY8@).G7,*]JDIDU:
M:6=29*#,UD(YR0#4)>&PPK8!3T6A<%6SN4B+A-W#FC"WN"(V!'3Z/.N).S5Q MIY5X+C*#Q]IQ((9ZDI+^"(6G*VHV=L4.5?H'70?W?3]]WT6MT\4(EF]#.>-[@> M*'?A]QKX4?
^(OAD2]]SUTZ_!^JU@=@MRT?2;M=' <<2$;IQ!C3-HQ;D3VCTY M@\9BCZ(P/N)I!G4;0/[!(6=^,+Y1N6*X5CADJ JN>FA'EH=VV=%B8\^]A=!X MBMKF&O]S0)H
?)\)K,BJ8X[2^L]I\AM02P,$% @ "H@-64*+4L*! ML!< !D !X;"]W;W)K&ULO9A=;]LV%(;_"]J$- M0PNLT;<<9[:!Q%+1#@#D:U.MV4>R"EHYMH9*HD;2=_/N1DB)+D\K9"-&;1)+Y MON?
P.11%P4NQ!PO9I0< M$96MA9N\J.A7:L$K+>1 67$J?DV%CB]6< "*BQ@0+A*T(AM^Q!30?1J+P0#H MTSI+MUB6E*$W(7"<9NPM>H^K$+TYN>W,Y.+'*23&3?Q[NIXSG?
BN>B!%'S' M4%0DD(SHEVI]H-";HN\M .<%P)VC-/Q]7UPAU_H5.9;CC>7S.GFHEJ^@;.7^ MB#Q2RT.(A=RNY*X"AMN.!K?R"RWZR"%G?X\-@SJ0-QY(3G\WK,0Q MS TQOS&@!S
6O_QD!]9O8S70:1;J-(LTF?6JY;75\E3NG6K%.TRWP,;J4%L$ ME87\:AP6GN-9EC4$#UW"(\V\8- L5"9T*3M-9CUV?LO.5[);BEF$BJ_4'FCA.LC?P.&CNP)T.$RH"7#E*=9I$FLQ[HH
4=*$'_0;A ?-\@?AX# M' P !_9T.@1)9KM0F="E[(+!BQ$$KMT-VL,R:;%,E%CB\\??9-!MQQ\9?NV1UH35J MI,NMS_FTW.[5&Y3%>T(AQHRK9RJM>SFM;J%6MTB76]\:I_V<[?
VPF4KG3FVI MU2W4ZA;I6 M.8@)7AX5,U2MZ.O#R_9I>QQ]6QW"FJ?F]5GV@_@^I.*-R& CI-;51"1*Z^/A^H:3LCK_7/!.25Y=[@ G0&4#\?N&$/YR(P.TA_2+?P%02P,$% @ "H@-
M6=5$[\N*!P T4X !D !X;"]W;W)K&ULO9S; M4N-&$(9?X9_[*Z3<6[[I8R"R(69T$2DY3- M+SM7^KEO#*5!OL=? 7O*=EX3F3$;&03;E$4/'GD4U8&$J2 MB./?
$MK9^I2&NZ\W=#M/7B3O8#,V2<^_@QE?78Q..V3W2&Y\O\KODR65E0@/) MFR9AEO\F3^6^H,UQE/HM)81! %Z\6DG(XOTN2)I')_P9,O$8F2,'B:< R\L%DG 9A]BOY1+
[=+EP*XV[T]+%I'!AO."B M1VX$=)D1*YZQ68.]K;8?*NR[(MUMSL8FY\^&$OA[\GA"-/TC,33#:,I';>ZO MXQ/2TW+S?H.YJ38WV528%]Y[#>96>^]-YO;;@G?
>%KS[MN"]%@=.8>ZKS6]H M^M)QK^FHMZV=7L[K_5#M?+T6NQ./LRC[IR'6SP6[W\R6I\7S;$6G[+(CSGL9 M2Q]99_S+3_I0^ZU)L4B8B8192)B-
A#E(F(N$>4B8#X+5*J2_K9"^BCZ^9F+J M0H)X*FI$3(.:RD).+8,D# 3";.0,!L):%)\$K@L8)' MPLS!P??=&XQ&@_K7;2%=VDB8TRI^%^G20)\$*PFY.%6R$.ED*^B9"UTF\R)
MN/*>B5D,"5\?NY7(8Z4/#AZNC;J&7N'ST3ZM) PNUT"#M*GBX1Y2)@/@M7$ M/-J*>:04\QV;)HLXR!=*@A)3N4;R*9E_6.GM!TRQCC>.R$GFLF$>'0Y'8=?_4
M92)]6DB8W2X!!^G31<(\),P'P6IB/MV*^50IYEN6RB&8+IC4$N:# M8#7YZEJU9JZU6-;8C*S*P$F1;$FH'3!\=RK=AOX%VN)^ICNA8:4)I=LL<*A7 M%TKSH#2_X1LQ1K7!]ZZ\G6Z-
KE3>'RN64KG(3'(-?B3;L?2+4.25'$L_DGM. M.9/+#W+"8 0$2M>1SDRB1M7J=7Q'#N!>"6[MVHEA=Z;3-%9#([.@-!N8IP.-S(72/"C-1]']M654M64HCTI1*>Q_JRQE-$=7

MECJWXRH+&9D%I=G /!UH9"Z4YD%I/HI6KZRJ3ZHKFTR'9ZWKS=0)7%+0GNHK M2=U*A C[D8;KG4MS]?6X"0W1@M+L]TC8@8;H0FD>E.:C:/4BJUJMNKK7NG?Z
M>J\2@_9K7TGI!TL,VKB%TNSW2-B!ANA":1Z4YJ-H]1*KFKVZNMM])X\->UZ) M8FGLAZG-CRZ.PWZFT;#D8T*]6BV]V@W[]9H6I*#1N0U>^PU>/:A7'T6KRZYJ MS>KJWNP="\4
/BN4-POX.FU>ZU=CCI9?01OL"N&L47_0EBR49K=-PH&Z=:$T M#TKS4;2ZF*O6K*[NS5X'4SE\D]\W+'I@:?,D]J+A=),*,V"TFPHS8'27"C- M@])\%*U>$E6#5R^Z;>_S?
\0ZM,4+I9E0F@6EV5": Z6Y4)H'I?DH6KU8JMZQ M_DKSN.UD"-EOG.@-_==AXV0(VD*&TNRV23A0MRZ4YD%I/HI6OP^I:B0;ZD;R
M#4V_+6E$0C'LATDZ4\Z*U*QC%0VEF5":!:794)H#I;E0F@>E^2A:O3:J5K>A MO^.LR(#VK:TTJSH#0;2G.@-!=*\Z T'T6K%TO5NS;4?<_;XGX3N60\#]*,
M$WD["@W#S4;EO_&KV4?7"I)FEK3=!1RIW]/WIRP6U*L-I3DME^2A:O3"J MKJ_1?\I9$K2;"Z694)H%I=E0F@.EN5":!Z7Y*%]I6*K^K?%;_8'[@M3,X^N
M$>@=N\9A.U3OC4:'LR/H3;M0FM,R!Q?JU8/2?!2MKNNJ06RH&\1ONT5,#3]: MX 7ME9O$H#XM*,UNE8$#]>E":1Z4YJ-HA;B[.\^JBEBZR)^-EI&IO/V\>/3.
M=NOV^6M7^5/']K9/]'-+;]ANZ^=N\72U"E\\[.V&I@MO72P*9"Y<:2,!>GRC[OG.$!/A>D))OG%R(:N6Z/.U1 ?DMK5 I MK^PI*Z"0I^S@\HHAF&E10=S \^9N 7'IQ&O=]L#B-
:T%P25Z8(#710'9?_>(MT-/&\9WGAB_XD O5X,;K"AI0(Q)?]P_R-T8GWCH&:RA.EW]3);]G&\=2($$&I4 @H_XYHBPA1)#F.?UNHT\54PO[Q
M,_V#GKRU@3\86>/J)V0C/%2RGA^A>BIN\W< MM7$[*&"\9O0$F.HM:>I NZ_5TB]T*+"0F1<B@&[: MAKUOP@9GPL[!9QDHYR I,Y0-]:Z<0C>/X'D>]\$D\/>ZO 6A]PX$7A 9QK.]
M7!X:Y+MI^1_T> L\7\L#@SR9EG^&I)Q\8$;8)374O/_,3S_N-W1_4\LL0EH2'-4$5]F,MW:/?8,G UUKL$U88@DV,'C6 M&3R;-/@#+F&9H@E[&_VL9Z\?S,;V3H:YUEZ;L,02;&#OO+-
W/FGO7U1 MBX MH)B31;MYIQ(,GS#!0KY]C25[8;-D MVX3M;,(22[!!(I9=(I8_7+*7HSL]7!KN],E UQIL$Y98@@T,ONL,OOO!DGUG M*-F&-
^)DF&OMM0E++,$&]OK>RS>]=T'1)]\+BO$SW1M9/?,68ZNG(U[K=4OK M?_+X_CAJ8N@7+*)^OZ%#O56//UELMY#GH((X W*M#6!!:[4 PF5*:KD>D0= MY @4TL&:
(;4Z4JN>D:'&"MU&ME2BK=)V5FF)+=HPA\%+#H,+ZW2JLKDG],1U M.L_7E98XN)]\0]TV](N\<-1O-SW"]_VT1&O\='N; @5B!IT;PT&J;O5F7=VU M=CL^[_4^QZOV>W^U;?9M7C#--
I)XGT;A>RC+!F9Z8Y$;326P]/ M5 A:Z,,WU,JGD]4@&Y_+/X?4$L#!!0 (J(#5F^5?H'J@(M /4& 9 >&PO=V]R:W-H965T*?TL]D ('D17)I)L$$L1F%HEAL0U%RH J1]LU):4+13O0Y-
H8'F59#@ M81Q%:2@HDT$VKI[-=#96)7(F8::)*86@^O4*N-I-@D[P]N"!K3?H'H39N*!K MF ,^%3-M9V&KDC,!TC EB8;5)+CLC*Z&;GVUX >#G=D;$Y?)0JEG-_F63X+(
M&0(.2W0*U-ZV, 7.G9"U\:?1#%JD"]P?OZG?5+G;7!;4P%3QGRS'S208!"2' M%2TY/JC=+33Y)$YOJ;BIKF37K(T"LBP-*M$$6P>"R?I.7YKOL!<0Q^\$Q$U
M7/FN097+:XHT&VNU(!]JMMFIN4*5:15MS3+J?,D=MWS(;A]E4"<'0?F4TA,J< M3)5$)M<@EPP,.;T&I(R;,W).YK8>\I(#42MR4V*I@=PSR40IR(R^U@HGA$GR
MN%&EL5IF'*)UZ#CALG%S5;N)WW'SO907I!M](7$4]\C3_)]TP]<_GZ/-51!17E]M&UL?511C]P#/XK49$02*=KU^T.='25MAT(3CHQ;0(>$]9Z[;1M4F)
MW>WX]SAI5X;TVTMK._;GSXZ=Y&#L$U8))Z;6N,\]](C:NS#$K()&XK5I0?-) M86PCB55;AMA:D+D/:NHPCJ+;L)%*!VGB;6N;)]:C6FE86X%=TTC[9PFU.X;N" Y[(MPE6R,^;)*5_R>1
Y0E!#@Y!\F\/*ZAK!\0T?@^8P9C2!9[*1_1/OG:N92<1 M5J;^H7*YE]'I\'[0.10R*ZFC3E\AJ&>&X>7F1K]5QP&WR@068=DFB&8&31*]W_Y M//3A)(!QS@?$0T#L>?>)/,M[23)-
K#D(Z[P9S0F^5!_-Y)1VE[(ERZ>*XRA= M=L@61+&%DGM->"561FG;9@JQLI K$AN%3T+J7&Q5J56A,JE)K#Q%L"C> MW -
)5>/;)"0FYN##;""O[G+Y"X%8]&4X7BH\XA_S\^Y(+&JN)C5(C@+D3>V1-_]CL>C_@+/DP/C#V(+(-'W-*%B:FREW%V9IEAM(27B@NV MJE_6C*=$JEN^,<6. XD*IS0Q;2KWC#WD-
Y^CJ6'E,X($5C)'$/6UASDD24Y2_BW@AIUS-SQ M]/J1_K%(7B5S3P3,6?)W',GMU+@T4 1KDB5RP0Z?H$K(RWDKEHCB$QTJ6\M
MJTQ(EE;.:@9I3,MO\KU:B!.'Q>EWL"L'N^W@/N'@5 [.N1'H7WFJ]8IIOE*7DZM=8^HSFC*W7%25%)MD9S#E$LT2(6#XC0""WC#8W7\8I0B>;%%($+]#8 2>)$ MO$._H:7:SU&60.'-
TAVA/] "5DSY_0>1NMP#S4 9WBT#!/;-._0&Q11]W:), MJ !B8DJ56CY!EWMQW6] MM@>!?V3T CG6>V1;MMLSG_GY[DY?.B^+'O[OZ(W%<.I-YA0\YPG>F=OAVY_* M#WV6D(I_^K9
&<3M#Y(KZI78D15,#269 O@>C-FOOV#?^KUO_77" IVP4!.L M42FWKI0[1)]]99(DB*H7%"^+TE>'N7B/Q%M)^YMG,Y,?>GZ]LULEW+:1H% M7:.1Y;E-H[#'R'7\VJB1IU?
GZ0WF>4=C]7;>4A() GV[@?0>>.^F&^0>&!=I/I MA 4Z8:$F6*,8?ET, S7DP==9*9VP0" MND;8M7%+'KI&GN>,6_+0-7(;/7+PV6=Y^5@GI8W: O^<>0- PRGKOA=,("
MG;!0$ZQ1B'%=B/%K2,-89Z5TP@*=L% 3K%$I;!U/$M;+Q:%BG#ZNMM-ZX\][MC+ [:HE#CY'K^BUQZ LW=OK% 9^VQ%NBT37QO/MMDAT MC;"/VR+18S0>XR=4XGB4PL-
GJ04(F>_* ^-)-"P6@Z!G;SZ=M$ K+=1%:Y;D M>.K#WJN(A=9#H59:H)46ZJ(UZW4\&.+!T\R98N%W&@2^[;75HFMDC]KMB!ZC M)"W MYXL.\!%?]O9O"-_$5*
$UBJ4=3%2)>1EN]R\D6Q7](/OF90L+2ZW0"+@N8'Z M?%+M@I&-;B"1Z)&4W_WZDK,B6+&MV0K0WB42?\U"'+_7"QQQM M*7OB*P"!OF5ISL?&2HCUC6GR:
49X5=T#;G\9$%91H2\94N3KQF0N$S*4M.V M+-_,2)(;DU$Y=L\F(UJ(-,GAGB%>9!EASU-(Z79L8.-EX"%9KH0:,">C-5G" M',3G]3V3=V9-
B9,,Z_1VJ@CS%BVC*R[]H6\5:!HH*+FA6)WEP@5$D,F(T2UB*EK2U$6Y M^F6V7*\D5QME+IC\-)%Y8C(MN!SA',UA*?47_".:T3R25XR42M(%FC&(X>
MOZ2!ZC>;+,DT42D5R@6?F(P#AZ'X @20]R1'_3G^SWYIES@>I7MEU6>VKW /XK\"CG6 M1V1;MMOQ/+/STYVN_CJV1N+X=1;SBEY[@G>'61*[ML91U_E]2.P?[HD
M[H4H_[SA:Q+!V) &R8%MP)C_!/VK5^[UE\O,LB]D_]K M%+V02S>+=QE@$Q9]@C64&-I*#@=V&M6[#-QO%CN = M>H
];/G$<8SG7;=LXCC&MMR62W3%' 0U:KRN:[P^QR4RJC9HOU/T@B[=<3IA M@4Y8J G64 -;^X;"^OY>4[1S_PXCVHDQ9HI86Z M:$UI]OTA=GZ @VCM)[72
JVT4!>MJ=Z^I\2]K<]Y#N(>O]-M_WA%@X4Z%[=C M+J?M,<MJAN+=;.L];!D<_1;C8NF[;RW&4;3M>^PO*<90_&'IM]SB.&F#; M:1F(>? C?09L69Z.['T_KT?H$YE-Y[M
;G^*;&>X8#]2)37DHL,?O MCGON"%LF.4KH#$HK'_Q!]7BY M41/4YUB3_P!02.$% @ "H@-60#=]F\F!P >DD !D !X;"]W;WK M&ULO9QO;^)&&,:_RHJJ52M= U[S}Z$)4H!LG.TC
M18EZ?7']"P9&#WM!9O-R M9Y[<2(R"^=_>-)Y=-$X;9"J>W=4(#@?C>)'M4"A38)YE/YE;[FVK0:9K(X M6&3,H*H*%YZ_N]@E
YH9T%T#>X^!G1G8NP;M/0;MS*!]J(=.9M Y M=!^ZF4'W4 ^]S*!WZ#Z<9@:GAWHXRPS.=@VZ^Q+7VF2N=:@/*T_VNNC659*6 MV-B-W<%Y&+R1,-E>\I(7:9VF]K*R/#_Y2CW&H?
S4DW;Q8+B*Y$@4D4?Q(K\I M3!B[X2UY^21^_%]YZ]B>O'9)0&*<*(_#H6 ML>O-H]_(I^11?O.GJ[E(K0VX\V8L]R&I)I#G)XAVNXZ5[XK7)?>#'LXA<^5,Q MU=@SLWVWS)Z;[2UJ
#3EP<\S0#<9&%(CD:_\$V*W/A':HFU-0./#S6W=\7B? M=^=]WKG9?"PFTMS2F2O'TLZKV4YY[3V\337N%%U:N5_NQ.))A/^0_*B)9?; MHP_B5?
@K08;"G\SD_%*8Z,K4&$@R$?:CI3L1%PTYTT4B?!6-P2_6=W6'[H4 M(V$,"7.0, Z"*;71SDNCG=+M/:5Q:$LB7_Z4EN0F%HM(F_@V,O%(&$/""2, M@V!*XCMYXCOFGJ
D.TQ2O!1A,B27C+H$KW%G*2Y9D;X.6B>=SGGS=3MQ1I_Z M/2(:9U?FV+]8NA)DV@AM-4)'MY&E;L-K[$5I7KIY7KH?UZLO)Y-@)51%L>1?ER3K;H6-L=2^;N&I#$H MS8'2.
(JFUD@A;5GVD7HM5+J"TAB4YD!I'$53\U_H5Y91):G1:Z%*%93&,MK. M4O6'W@T5HP]DT[E$P:HQ@:E,2C-@=(XBJ;62"'<66=' MFG:@PAR4QJ T!TKC*)IZ64DASE&C^%-
]VC'SJN892F,9K>2$ >J3UZ'IIIC; MDD3],,6H"2_4.%]BQE6<%,;UST3,D50N%22-06D.E,91-+5"'IV1TN-,"12J M(4)I#$ISH#2.HJGY+S1$6G)]7.4IH8;FI6N!HY+
]*OL<69EEO@9*LCK6D$Z M^B!W?JW@=8(LSWRA'M(2]?]_;Z<<,C//@M_&FS?$:"K1',8 ME>_0@IJ94)H#I7$432V/0L2TK>/,.#94HH32&)3F0&D<15/S7TB4=LFED%5G
M#R.O_IS!7OKSEJS^(5KVT-SV\;>6(N]LQ9[:RWV MWMJ/T!?M0E^TVT=JVU#M$$IC4)H#I7$4389JA+;VWEFZ MVI:AVE^93S4OB::GCA2BCUUZ01-
Y$&E(29^>)P__B&>N3ZS6S[I2:&X]7&0A MPI?T^3<12=M\=I](/IP_9.T?ZT;=VC_1C?.:?]6-WYI=_NW=E?[26_S7*%F<8S63R6Z<\,7ST\. M]+,\7JV3GDQTN'[0S_I-'"S3Y[,\!7$<+-
7,^%.19AL(#]_#H)X\R9QD#]N M:?_4$L#!!0 (J(#5F4\6()V04 &$N 9 >&PO=V]R:W-H965T MT%+M"U4$EV2MI-A'WX4)4NF,6<(/?))+,^Y&ZD^[XISC:4O:-+PD1Z#6)
M4SYN+858W5@6#Y8DP;O-5R25O\PI2["0IVQA\14C.%1&26RYMMVW$AREKO6N?'=Z\Q M?@NZA4(R MQ^M8/-'M;Z2XH5[&"VC,U5^T+=K:+12LN:!)82Q'D$1I_A^_%H[8,W
&1PS< MPL]-.@>,>@4!IUS#:]%0?=<@UYAH&[=RN]=.<[#ID@O*^L MI;^B-'M0G@63OT;23DR>!0V^?;R3K@[1E";R^>-81?#*(P)',7^/[J*79P]=
MO7N/WJ$H10]1',L&?&0)V7]L&8*BK[N\+_=(7WWT0%.QY,A/0Q+J]I8<=SEX M=S?X.]<(_'V=ME"_H!T/[[1]QFIJ\N\4L1%__D$AT M+TC"_ZZ+;MY_M][_+*/=\!4.R+@E4Q8G;$-
:DY]_AP2Y@/!-(_W2H_W MC!Y[DAYG42#DVZ!R(7I)(\'1U=/SB\Q]7Q],B.L]G4P4BK*2[8Q25I\M%7R.HRF.U;NW\Z#.G_8-G044W=,V'HND1J'2W8Q;. M_\OLZD2??@[WTJGJGT=F4F-F-
(X8]&J'HND1JW2[8Q;N8%06BJB$T%_R,R.%@2I$6 M"V/I?]UGQ7RH#0/E,9#*!E"FC8@69 M.1;:=%TJ&[E)6D=\R:?F^=,I#A MD0FS-APY%A)%%>P*$$J=
^4YD/1=>"]7BM\QZ^KG@JC>\+YW/V"*7X%/3F@=(%*VX^@&,^>&T*)*K^;%:)W#-ZP0R'(N M5DRSBPY"-*=,3O7X6LXC:O.;&=HT/* TKZ#M"ZW!H#\X6$/U:YIU>_U.V4KW M9Z7R7:/TG/BO
2GGSK6N,]OWCG_&,ELV=A.H[(>BZ5ZO!+EK%N2GOQZ>)@^ M'YI-&_L=5+Y#T72_5_+=-HC1*UHFQ>O[:9Q00.4^*,V'HND1 MJ^2^V[UPZ78AM?84E.:!TGPHFA[*:AW -
:\#G)'TS"(.(>>!BGE0F@]%T]U> MB7G7J##/RWE@:S3FP31^FT"%/2C-AZ+B]"MJ]4#U[QZ<-X:30$QK]&8>VKL9=!% "A:[F5K;RMM0MA"
[6'F**#K5.0;4\NK MY3I6[4[^.#ZG7,SS7<[5YA_4#9HLHY2@F2=5#N*I_\!U!+ P04 " *B U9=JO=UT$$ M !B$@ &0
'AL+W=OQ[OR6OT=XX]B18A$3VE"Q;/8Y*PW<#QG0D02$DH5 L/?EDQ[DJA(@./G/JB3KZD'Z']H\D!FC@69 ML.1;',G5P.DY*"(+O$GD]O]1?:$VBI>R!*A?]%N;^LY*-P(R=*],R!(8YK]
MXZ>]$'4'B&-V"/8.0=6A=<*AN7=H:]J(9,DWK%DL%,[',V0UQ90S1UH;71WL F MINHQSB2'NS'XR>%,LO#Q:@Q"1&C"4L@.@;6^'VZ)Q*$B/J(K-(/DB38)06R!
MOJS5;8&^;*20F$8Q78+%P^RK0-_O23HG_>,?T4N$BO.B>B]$F"]Q=QP#VF< M00I.0&]B>T;E2J [&I&H[.\"O9QC<. X#]P![]0!FIZGU#@!2T#GHG=_1YS M[3"/T/=_("3Z M+$DJ?
ICTS=9OF==7&\-6..0#!RH?$'XECC#WW[Q.]]O]G'>*5A)JE8N5CRD 52X;_E5C;=2#M"E:#2<>,M9-C[5BQ?M;-$LX[-
OH[HGP,!8$37D<&K&C#S%%MRQ),!=H#41UH7\T4\E06R.;QZ9*]=;>UI7@9E5+V?5.S.S M7N)BC7<&E\OCE A?YX2O+TS/H@!G9*9UV3-TN3Q.21??.[ZWO.2&TYA(!F2*Y
/2MG\;O;J>TRE7 TF)_+:+[0A_ELR^ZTDK(N=\7C? M(5!9D. H2/ >F?*@,P; M7!ZHK,&Q:_+M;5.]F%['O-X*?7G5VK?:E/$>?R7WC"]G.LU_
MM+V&7VT$37:M;J/3.D'OV&+Y]A]+EI)WV1>4I2WGC@@ULK5?;;N,X#/T5P;M8S +3^)9;NXF!)'/'=!$T:.=A, ^*S21& M92DCR273<7Q]LL\I)8,GG(0](4-=@*^:A6)K\RAA70V>E]?
K&=56\ M@HRJEE@#QS<+(3.J<2F7KEI+H(E5RI@;>%[7S6C*G6A@]Z8R&HA$AAJW:>B:$R%^+1+#XG0\VGZ DU#%XL6#*_I)M*>LY
M),Z5%EFIC!YD*2_^Z:\R$#L*B%.O$)0*P:%"X1"6"K8R+F%9Y;6.ZII-)!B M2Z211C3S8&-CM9%-RDT:9UKBVQ3U=#33(GZ\&F,@$C(1&5:'HC:^]Z!IBE3 M?
Y,K,L/B27(&1"S(W>R>C$SL4_U$[GD"DDP9Y0K%D!IF<8:H2PLODZU(F]0 M!6&^WT(V(_D#!?]D+E$K*D$-7(TDC"MN7#H\+AP.3C@ Y N.@$?!+SELD]-Z2P O:-?
Y,FM5O]41UOTY]SYVP2DAH\<)3"3%Q MJ4O(2$K*EX"?D";S)]K(-Z5/=GNTI3(AW[\B)/FL(5,_ZN);V&_7VS=MXT:M M:0Q#!_N" KD!)_KK#[_K_5,7G N!
[86]786]W80>_9N;@C)%%:8.AW](Q+%/. M4][[$3QN+,H8Z_@5HQX*:+K>)_[W>RR:A39\[53^=II]/6;[2>8]]$&)/9'
M\A&SJ:_PFP7R@::2/%9%9Z.^YU@Y.7/B!1(W7=ZH;U/+H5C^Z9.;=$ M#K,$PL]&J',KK7N4%V?>2J^BTKM(2AH(-AHXEV#O*%]^JW.B[/H5Q_Z9Z9J8
MHF*LGD\CV+E\D<)NSJ1L>N*S?5%M;(L='$N1ROCW+6"5N==CU-WWLYE+TS MTX:GW7\TA1)RKVEY:RVA3N9$A?D[$X1_D:R\@H)_',Z@U0L/61R+[?>_?2+!
M"Y'@S*@_X$137T4EU%YU'YXBS>;^Y^'HOPP2?N/A^^]\-) .;UI2NW](\Z(S M@+LSRV8@EW;$5R06.=?%4%?M5M>(D1V>#_;'YGIA9^07F.)N@B,;'K**,%@@ MI-?
]819E,>X7"RW6=F*>'SWSMWU@%PO=V]R:W-H965TPR#B8VLIQ.K2MKFW MI"AG7A%(_G+/&8A$8*0+6@*8R8I3,TDA8"*^ZE=DA\2-K,DK/W/*8YX$?T MG@&>)*^R2.
[L#+S0QIO/KV MH_O=04OKUU7#4BO^-.G&U[Z#E0JCW'I X^S\:6HR*B ?6$,'D'DQYK>9T;^X*"M./;DU MGLZR#+)?,6S!7UIA1F_T3RA MKK+GQ0%/_X)-?JUC
2_A(@[SP3*"T(^R3_*<%Z(TP*T;@/(!*(T[4L$ MF8Q8O %,72VMJ2]IJNEH&9P?]LR%4*ZLMQ8C(5L??T\5KF-0,W<2AO-B=I
MN5,LA'MI@Q*]/V\E\=VG<6&+F&:LX$DL/D4S.ML\ MBV31:[+7R&R.S3] .Q\ ,A!+O@VO07G9Q^ U=Y(:LJC9J G1+ M5=(,58(-YD%FOE>:!S5S%&:N8O-2M*IK]EG0F-4?,O,"[MTIHQ:9*
<)KUSC+U;K!F*3V'W%A]C^Q9K!N,6 MB]%>N?MCFV=YFCL8Z.TAE-MZVH!JSN'*77,&.-8]QL;=NZ:S+S M$#?7:,6H:-A+T*K.V8M6QUBZNAV]BDL7=UC(
G52'9;+%WWZ)W<_%;OI+>V MNGEJ <%&^43/X#4$L#!!0 (M N(#5G0NT\+=PX #?C 9 >&PO=V]R:W-H965TB1=
M9\#^$D6+>HD^BS&W_1%&RN\SXDIG_"'I&7#7T7Y1W5K3.UJ]7W-V5DUNS1+O)Z]6-Y-KG\JKR^*GL^6YE/I5?>+15[^]
[V9%P]O3_R3IO=^GMWL#C$K_.S$.U\VMOO2I? MBN*/]0]Q^O9DL'T9FXF]9K(5__YTWPP_E:6KV/_S3HR7;.]<#=7S_I\G'E M5ROS):_AV+^VVQ:W[X]&9]X4W.=W_KGXN'U#0K-
%I[DV)>/?[;>VB6'9QX MD_NJ+A;-X-4[6,R6F_F7YL_B)T!?OC,@* 9$!P[8-@,&!X[(&P&A,<.# M1OL#1L\B)H!T;$G#<#SH_G!DN6OESJ;-);<6,$SUM&
[6"SKV\H3 MRZF9=HQ7[O&18_S9:KVV*Q<\K=S[P EF]\M3S_=_]O!$':\GP_NX=)\.?4& MXV>'Q\<,/W]VN#AF>/3L<'G$N@\'SPY/W,_YN5J^/-_=.GQLP^[MH37O?GL M=;-
K]_#83+;K/G1LAL-MQH:/WM"=L=__N7K=4[595/_N>%/O-TC8C:QWK6^]ST MNWQBWIZLIV5*?\T)U=_^XL?#?[1M6636$QB@L0DB24DEI*8(K&,Q#2$6;D* MM]D*7?
K5NYN;TMSDM?',U\EMOKPQ^9>Y\:K;?#575%*<7^$D5A,8H+$$)(DE M)):2F-I-I@HT=L?1KRYJ4P&ZS"?IY=F?
N]$AI]009D5GM(W.R!F=3Z:>/=%0^F].ZV2>]*C!/]&QD2BTE,D)@DL83$4A)344=D1GN1(2?4$&9% MYGP;F7-G9#[7Q>0/3U75O9EZ\7VYSL]]'S0KIC]ZGQ]W.#]Z_S(/FR4Z=SY.
MOV^2S@_V]O[PPA^,[3_^^'"Q<3 :#.REQ.%2HW,_#/8P2?Y 0F(IB2D2RTA, M0YBU_8^WV_8?:HRG<[6EY#S>7-\M3]LFA2+1;'TJG4VNC9Y)]EWDR>QF,3$ M^"
_P7B=H+W\D',F))2F"*QC,0TA%9%GYN=CFV*9G]_RLLR7>75A7=W7ZY. M5ZK.XRVGTC'?E;&*\'V9++R]F[RLUF5*0MY6BFJ]6,D/?EFZTR]G_:OB-
KV+L+$Z*0"U22J):B6HII"M0S5-*79<6KK M!;[S4]:=ST'OGO93>U<77MY3H>4#5(M13:":1+4$U5)44XUF[:E&HXN./577 M@N>'NS1-O3\[-6UYP'>W!SZ5YJ?K^W73S-M>7?
C]HUE\,65G/'UG[&Z)^@=Q@@/-/[2O@&JBT:Q/@,@/(_V\(I(E.D.FV':BM*53+4$3U3FIVLMKS@NI]L+K[H=62&0SVJF4).FN*:]K1 MQNY5R-!)-
:79@6G;#KZ[]O!YM=LQE??NR#,KM.B :C&J"523])):@6HIJ"M4R M5-.49D>M+4;M5%A%9@=J0+48U02J251+4"U%-85]&:II2K,_1=H6*0)WD>+8
M]I&;Z1LR5(L;S3KCB48'5V4%.]M$M0354E13J):AFJ8T.SYM>R)PMR>:H\'W MQQT-NK'>(4)+$Z@F4$VB6H)]*:HI5,M035.:'[6V61$$Q-%@@/8H4"U&-8%]
M$M425$M13:%:AFJ:TNR,M76P%VW,IH$.U4H%K<:"\?#:)M"51+4"U%-85J M&:II2K/CT_8N G?OXM47G$4]E]*8ISF_M:4I2K/CT_8N G?OXM47G$4]E]*8ISF_M:'4"U02J]R6%9G<3.):C<3X7,A@X'=M&3JGIC0[+6UQ(G#?
J*'9V;C/F-#6!*K%J]"903:):@FHIJBE4RU!-4YH=L+8U M4$3&I@&DE4U&M136.AQ#AIC'E](&*$X43'+JC]U\2P=#,M@&I_1&XY#0M-Q
,@6H]JF*?S>U=IK3@#VBE.W<:]=^]K1:N=WH@P@9&&)?L@\4MK6@#[@&(L/,]\($!V%M5F4BGQMQ<H5#@F]RHET+QKT;('F8:]L7;%'&UBGPK*@BB3O)O)$X#[ZU$P]=RFLCC$(VN_`?0?2+$_2RVGXRQ2!U(NH+UJHIKX`0\A]$Q_O1H]2O/XE.<0\
M$Q<,L@*.!$;BFFE]-"T+I]U(T*9^Y,!@\V%ND^5&EEYCR.J4'0"7U:C]GH%MMR8:/'AQ2Q5Z73@@$V7FUVO_H>\^H8%-IFP_A=4KU=;^%SN4#J,BC.J.MKL5@"/R*Z*Z^F\M@QO1S"B'N+=VT@M>MH_'FVA^W*^T)SS85PRT^^^GR$LTYQ40-\<'/^%
M.=ZE)9,%LGMC^NAE!,TE%'NS+PK&3EOP9T4DZVNHGB]P'_1'3:LE.OG,G0JQG&1*?V4%HC6HZT'3,/(E!H>^TJ@M9?^4W(K+@_Y=)F!V*9L0@_+D@K=!0D#6S\]9.2T=LV%U/L_OEO_?-(<.&4H$QXDY5%%#20+.#AE]?MZ_>16%_ -.&4W%#+G8;[WI!L8PRP)2I&$H!+Q_Z)&'%<K?P'_0=5-.=5=E!BJ]C;4Y&NL(!%$2@@I>HQE8@P!B&_$M(4%@V(D_8#J>9,1:R-\A_7KG_T_WX6R6*[,#2YI9:Z6CT`Q6[NG6,AYO'Q@6K'E\\7G?"^/'G<*D8:#7C$8*>7&&,\*P'C2>F6[F42/]5J?^2(1L2]7XD/U[9$R3_0-YM^\G?GU(*,U0*2T&FD7RVY@Z1EF?(U9IUJ)P6<6MN9@8A@9Y\G@NXB,8>J(*+4U%I3*'-EV.V1-K'&T(@`:R8!J/'GCW!3D(H%OXUT`8W50=QE%;9Q6V*1]V(Y$IE%16FF=G+_E!=7G]D[V#2A;E52C!HGL)NF_\!+7Q*ZH-1G`O=^NEC^=2OQRBDG]G>-B2E]PBR=UE]5I/Y&+R+KR/WA$[B=H[4,9I$8ER6KLQ-H*X!GE$VO?E2?OG[KWZAWOVQ:H:/S0,
)[Y0-8/%3:X:NG:2@='3F;QZMVO&6MWGGA+P4PCF8']6X=EK$N(?Z,]_F.^)/1RU%F3IUD0A*TR?$Q]Q#ZXV]*I_;[)1,CY=>P/%CF(L)L9M/@O=K:/OB0,?GTJ/*AU.Q6Z@+U5(2Z\6I"&.$U\)J-]<CAY/J:6%:P,O2G5@FV2N!-7U)0]MBH%DUVD#KQ#2_A7E`HB?(,ZQ;.9L@>O0:T.T(:?8HZ*=%7E0Y:\T[KMLL/NT!=5/C(;SZ-\H3>6%^,V/[A8VL^KSD`VF9GD46N%(E,E>;<X1-?]N?9PL#PDKE`K
M$/MU]PB@M#M1@/L58;N]/%"^5+4P&$4DJ^(12-#+I3J@C]'(.J75B_@3C\4=G]X`-J'<'=EG^D1`]:O7P7HQ_&CLQ0'A8?I;F%)MJ+-%`PY'*@U#GY>C52+A,'C`E41*P[,9ZD0R%8V/'0,Q3+`Y:XKD[8Q:0:U5Z[X/QPYRSI9X.%]EX;DN'0F?CD-ZSIC4PZVE*/'8)^P$5:,?8EQFG#\8R[*+,OO&'$&`N;X29+"G@"'6A/!V9EGX$4N9IK(MW55]W!GUN^I+E/]2MJ1!#S9X,]`)8*%#&1?A<2+X\"Q06I.:E3)7`9]2#BI`6/VOE4D2.:B<`P4`=&BMP'0.OP)]`G]1UXGGWQ)6"]^<;Y<QQ(+<A#\0+7^Q4Z-QP]:G/^B*.6O4M&\/&NS<6/WLS76@.K(?"&4V^3+U/AW/Z<:(6\=V7L@^2X]UO&I4]OBV/QT=GAD60B.4$\9R/?I=%ZOR-^0`B8VWGP0GR*K3U>BE=\3PCC;:N&4@-V9OG;BUU3HP/!R^D)DF"H#JK:`GW2@2I5;U[D6&-O;CQ!)XI

(\3%)5W;;$LQ6F9&46A# MQ^G;$0IB:SS*[LWH>$02'@8QGE' DBA"]&6"0[*[L5SK]<;78+WAZ0U[/-JB M-9YC_L]V1L657:(L@PC'+" QH'AU8]VZU[[GI ;9B'\#O&-[GT&:R@,AC^G% ME^6-Y:01X1 O> J!Q+\G/,5AF"*).'X4H%;I,S7<__R*_BE+7B3S@!B>DO!; ML.2;&VMH@25>H23D7\GN,RX2ZJ5X"Q*R["_8%6,="RP2QDE4&(L(HB#._Z/G M@H@] X'3; + WAH,#ABX!4&7EL/W<*@FS&3IY+QX"..QB-*=H"FHP5:^B$C M,[,6Z0=Q^MSGG(IO V"QW<_DH"_@ \^YB@(V4=P">9B;BV3$ .R OG7E],0 M,1;L KP$4Q)%XGG-.5D\@EE"%QO!.OB&*$4Q9^#OA#..XF40KP74K\ &;(,H M9B.;BVA3G_;BB&R21P:/1.:!>Q+S#0-W\1(O&^Q]M7U?86\+EDJJX"M5$Z@$ M_"_).\!S+@!T8+X>- ??/]BYEXY4/WLOPO"-XZJ?<^#R__RDP MP!>.(_9?T_/,'7:;:8+V#7;H@6^L<0*Q3!]PM;XMU_01OFJEZO3*>G3.?N&=-%($I^1H,%;D@&? ABX),P1)2!K<@\ M6P ^- N6H]*0[87*P_EZF\(N7SE$8J-?LM$_P<8VH"C=P5H^5B6<;LKJV+(5 M PXO0+ID>$UE82@8B;E!R=Q LRQF%%^NDG2Q!KO7Y2=@+&E<_"=*=%TB![4J M<;NP=S![#'F4V!J6; VUJNXX5QKEIW2I2V$.-MRCT.DXCGO H2&7$H=7)8=7 MK6M5;ZXI<76).@,,-!6OH: D*EVG:AL= ^6+BVG;R&KA8;_J+CWG8 .;-HUR MZQ-+'>ZY=.QUT>Y/UV=)AD:)%FY/E- 6TW3!?G<2Y),&*)/A3!:B>+4KL]G4S M-07DGP-TFLVJ?W>576M#!=[E;;JB^R@@I:X2NK79U#"IUGOZI[#DM*INV56W MRX>5)">E4SI*/SH3Y@R@XU+$0%@RLU7CI[[JW*OR:S%5SFC.F^DSV>7[IM!D M#JMVWU7WU'-, \S ;:WK^GZ/TW)LU,5]3-W^P2B:;PI-YK,2 >[@O=]"N$:5 M@5$TWQ2:S'8E(ERUBJAO&2V:7S6F-I_#VJ[A70VZAWO+6^@$MQ(*[BFE(.]! MYTLLM2-M\G*TP?X+C$Y-IYKR*;\DK90!5"N#_6VFQ?12H^DR="*V3_B!)HB^ M@&'V'O6J\37L6R@)6"D]J%829^TP:DQM$DVB^:09#XKT0'A>"\PT%#C7[!M M$LTWA2:S78D2J"M*VBP!1G\X@'5=XGI7!VND*9&$[&UVF'>0L/ 2L/ 5AIFHK?#&-4P M1M%%4V@RGY6&@>^N8:!1#6,4S3>%)K-=:1CX!AI&C:G-9RL-8\JGS%.E8>!][M:1BU(VWR6FD84S[EHQ&5AO&,:A@UFO;)!W5LM\DZ8;S87QH/DI@*)R?/WCM< M%&&ZS@YL,; @2B"&PO=V]R:W-H965TD& ME#LIM:DYNM >KH_TCZ%V5\N> M6]AJ>2*K%+ZEI("2MY*O-7])QCK>>UYN98V_))^R%VN*,E;B[H>QS@1.,YY03P*XN![N"BXO.;(L\3HGAB? [6A^$4H-:F=.*/^GW*%QI\+I M,+OGQG"%EFPEMU:4 @K"+?DJ^%Y(@0(L>7$-R(6T+Q.&[D:O8_E(WPST^!_T M%;G1"BM+/J@"BK_US#F=[,9'NYOX(O!+JV9D$;TB<10O+_ 64_F+P%O\?_D_ MUGN+QG7/SW/U#_CE>;R?J"O;\!Q2ZD;&@NF 9L^?S5?1^POFEY/YY25ZM@.3 M@T(W.Z3DPI".RQ9(IR5';_[IG-^[^"X0_V#FUQ;"\?.;*<%:3]^MA/2; M!(!!?$MOQ/? <\\5WN,EP) M>:,6B!IN4\;5R%MHG>WYOHH7F!*U+3+DYLE,R)1H,Y5S7V422>*,4N9'0=#W M4T*Y-QZZM7,Y'HI<,\KQ7(+*TY3(NP-D8C7R0N]^X8+.%]HN^.-A1N9XB?I[M=B[- S*]0$IHB5U1PD#@;>?OAWD'8LP9NQP^**U4;@Y4R%>+&3DZ2D1=81L@P MUA:"F-L2#Y$QBV1X_"I!OWY8NH&72B!PRBTB!RO M' MCN41T60\E& (%TNXV:';@I#IK0XYR>RJ76IJGU-CI\161DG"MX) 1I>B,8@)$ MP2DE4\JHIJA@XP@UH6Q]A"VX-%&1Y Q!S*H]=ULUVPKO6ZZ5)CRA?#[TM6%J M_? EQR>]@8!4]P*H/$\'U0L$Q3S#YV]XW"BN9T;W,@Z@5\&O.MZ$3;$(41%UX M#SZH!9%&7'%K\="I7F3'>>@^X.%,+#&=HK0>(KB>N,G/)NFM.#8+]U1&8AQY M)LT4RB5ZXP_OPG[PJ85EMV+9=>B=!U@^Z_S@^M3 P(G&5#4JZKZ"HEZEJ-?Z MWDO"0)7*,=F$L]R=@M%WV7"T!=\"L><0[6=K.=Z-AOZR@46_8M%_$HOC6Y0Q M50CGDL8(&Y3#V6d",2 698>>B[B/\KD5B$_"9[_&LQLT\]RI>.X\D6>&)7'? M1_/YP"82[8 3<@?18!-LV]:CG-0$1RTXIE$18O5:4VA5HQG!MQNQ7#W#5)H M]Q44A<&Z" 0OGD0E9#V+PFZG.3S#6CD*WR"12J?U3++1VD@U6E.-7CJ7'D%T M50J"Z/%T"M=E*6RO2Z>L-4;;LJP=^;E!N2Y5X5O4JO UBE6XKE;ARY>K\/]Z M%75Z_X2O7^L!4Y1SU^DJB$7.==$.5]M5-[U?])#K]44K/B%R3KD"AC-C&FSO M&,^RZ&Z+B1:9ZRBG0IO^U T7YH\ I=U@GL^$T/<3ZZ#ZQQC_5!+ P4 M" +B U9W9#2"U(# #D"P &0 'AL+W=OUC9::_,W/BMQ*^S]D9"KP3Y'M^V+"?:3O\"@L-[SP(CQ^]^H&:H$J- MP/(%#_=<=8W'S0&72K(Y&W3^14+A,T+F!?M7*[Q L:.?K(DB TXT8MGG9[W MNLF\IR2+GXCLP-BP,C9L8X\^YN8F&"-G*=;T)V@"*8N2833#%;0).9!6G7 MDIK7?!/Y07?D;O8].B(F;H\Y4-2M%'5;%=VGQPF:[[0T:2AH>GMK=[KFH:& MF'XX](GX2]"!BEZEHM>]8IIBM@+S*"V-GLTNW;=ENI^@^LDU26Q=HSFS4%.Z M/Q%/_B>OV9ZOW*T_Y^.WF=.DY?]/T[YM!O6TJ4AIM,==FKYTKK/1[HP]%P8 M_.-]? UM\$ULN^^"(RWY$3-P>0H![E[]DX%8V3I2H@7/F2J^WM5H5:J^L15:;7S2.9\6%><]35'_ZF^S?M8D MHK#4E-Y97ULJBIJRZ"B^ME76G"M=L]EFJLMP$"9 SR\Y5[N.6: J[*/?4$L# M!!0 (N(#5D7#1/ E@0 /,@ 9 >&PO=V]R:W-H965T&A=$1ZNN/B0:X %'K,TES.@I52ZY,P ME(L59%3V^!IR_;B9H.4M-! M2KS^$;PKH'(C0.M4H M'Z'I?V OGW6"A2029;B8A]N)S"B7Q/1M^KE:=2S]VP0C=MO=Y#X;V6 MB_OK=A[W)M-P>]B;EJ!^KU\'&54.ZBH'/E4=NZG:VK;K8'H",V@:UC0-.U7U MT"<1GL _JAZ]1M4M04=5/:ZK'+NJ^H;)!W0A0(]2KD 3H] -5?"^ MN[:U"M=A]01F$#:I"9MTJN^3R(\@1E$X"AQ/9$_A5=8&!OJC4?2/--X6%O?& M1U2.#QP: [D;GCO=Q>QFNX+L$S22M>TN81>V-H<)V1]6BF?!%H"^\)2JXIWD^_MNY_;VG4?6$YK)5F/L*!;F7LU M;[[03# (:^X:MILA1YGNLP8%\,1X_%WE;T/"(Q!MWA>WVREWBKG=R;_O.H^H) MS62K"7EXW*W$O?HW7V@F&8V#PU9?"CQR6LDWA9T1.*D\5?$[J]L;YSG;,L2 MR!,/UMQ>A?.*BBG: O-).,Q@D2^Q]?VX1Y M@U%KGS#O!S+[VY@8]8C=[+R8,NJ!,H"U--Z4@=D\&^]]P'A=T_%9E+6^$XR MZG:^>+65OM!,,AI;2>RKAV[S9S"S)+UX(6Z)&0[B(T:]L7S$;OC>*/7QX+7 MI3U?:.;65.,]XZC;S2FOIM(7FDE8RIC\^*AD\PK+$/"PV *RKN62Y1"DN=%O5&.E_L=]CW)XJORTWJ.ZX4S\K#%= $1!&@?U]R MKIY.BGWO^G\.\Q]02P,$% @ "X@-64J\>>E% @ RP4 !D !X;"]W M@KULK53;CM,P$/T5*R*T\$Z37I9E312+Z % M:6J9>$!\> FTR9:QP[VI-W^/;:3AJX(%2!>XIGQG,.Y$\U$!ZD>=0: Y*9G@ M0D^\#+$<4ZJ3# JF:V0)PMQLI2H8&E?MJ"X5L-2"DX#WQ_2@N7"BR,76ZHX MDA7R?,!2$5T5!5/'&7!YF'@]Q18Y;L,;8#&4+1E2?,"A,ZE M(JV$V' ;&_I-M\E?, [AH,]L8I5LI'RTSH=TXOFV(."0H&5@YMC#'#BW1*:, M[PVGUSYI@>?VB?V]TVZT;B&N>1?\A2SB7?KD12VK.*XDH<[:/0,+%\BN79? MB;+9ALX;KC4,;-:FP?W&-RMSF!H? Q"CA#2,F2*3R23XH)S5R#-;E:+ MZVORACRL%^3JY75$T;QID31I^&X8_*R=L^Q\ZOO#O^_]UNM&%?>MJ^TU M;^;UL[^6)BW'>A?8H^7[&BV A*4 M([QRR- E]Z:9.A([&K:Q\'HUO9=45TK-Y*4#MW!K1))&5 MP'ITVFB[J:9N0.G/]'K-W3.UR\W/XK U4/]F9,96U:NC=E"6;OHV$LTL.S,S MVQ:433#W6RGQY-@'VOT=_P!02P,$% @ "X@-63SW.9': @ [@H !D M !X;"]W)K&ULK99=;YLP%(;_BL6F]J96V0OCJ ME"5(3<*V3JU4->MV,>W"A9-@%6QF.TG[[[[V<>8C\#ST?-RBR?M >P0X3?5$[0>OY2.MQ4,7&!#3\#\X$AP_%'\"1F\O'$"9\0,>$P=[U!CWH5ZIY-LN8G2R6>@*"2S>$]B@_P.U,RBYT6QL+P-LK[3 Y3D#?E M%5%<]NU%%%QP)?#MCCJDK>J"4?2Z%>Q8PX@[I4IJS*9F0%26#@9]3$1I#+-P0DH-_:S"WNGLHIN N7\9(KWD9%ZK\8#Y+ MC9SXFK_9_[K%:XK,U0-ZH7U4&66+F#X1$0'P 'AL+W=O:W-H965T+V8(@5Z" V L)L^-*Z QJO/V7_GB$F'\:ND\Q6Y>B ==DD_V?J/,2UH#_
MG@,HE&T%NYHBJF_O*Q3X&/9-PY@R(9$VJ'F*:^2-JN7R!I^1\XVV0C$!'O@^ZQ+]#-]CR#:%B]#YGW.W69AD9/]H30!O@XC\QR81!^QYN7"D8T7,[WSGS'NAL-+D+T8'(UH+B&UPXDD@'5MOC ZQY3AT=:!:WHVS,X&EHX:#*'0D]'JW%IWJ/FH7K;XA'^;6Q?'WI1E1(Q7H(:0/'PRXZ=-[ZI8<%H(A35W&'/C"-(K\;Y%P8$ZCJR"Q2'JLQWGW+"N4@T[4]K/EDI,+OB'.0.MDIXK.2/:$"#!\)=<38;O$V%WMRU7<<,Q$E8EN>L"MPV_EZ=8-&.J\MBL/0')OL@0N:8FHI:JQ-HTM/*R*;SWJ:XFQF==X=DR&8J3(3,A)F[XQ3E=@5VC7:0'-GOB=:[R+'@1NJXHBJ9[95V1AM4H*JZLP2#Q,/Z3SWC4X([S$86.%;$"R8#S;4"WK^<;/*BC7J(#%_?,KVJ*_R@+V!6V:_\<]!K8)%W:HY[Z(@-IA&N:RB,71,,F5@*EI:^LGSNEH)U,#E72I9D'@(C2F[?+\;4JO9!*
#'BB)5J!'8%6<7RR5;;-KQ%3!W;;D6%'"7Z/3@9Q^9YJ:]HD&IX0/@"P;XE0&W:'0:9(NM/4.V@/5QXWI]0&,&%]76&9HKT0-J.NJ&X9,4\$W?;R=D;+FI_[#]7)RJ\);UU<$_(X\]EX=)V1NWK.1*;'%+=AP(\]?_9C=Q?)3(;N:$,VEX.U6[0%I=F]DM@+W-V;+M=;AW^,OM>O3KZCX$VVV\58\;0:Y8B;YQ4^$8E^1B<%NI5@33!OTG%WMY;$%Z=1A9&O'1Q]/2)_W;8ZDFC@0X;A%I?NL(PS5LE8MTK:'7RNQ'7^[/,H!H\.+('1@4N=-`,;V)^B@#>T(M=^MOFZRM3BB<`Q^T1W*NIQ&+S@V1YH\2&F8@<8]DRR'Z8\FI3J#7[O5W\Q@.FEWF1'7<_5"%JA$G6J]+R'/#O;&A_&M7G.K]E+=TNW[DO,\]%HR[K[!W_+Z!+BV,!=^UCYB]O.=\O+SFN.OWJ[)FBA33!ZD?<:8[Z%[IWDXK!5K(@BJLB[GQ[;V!/'O#?S%J"8%O4!7U!GGD$]`8%\T)OX$>Q2QMW;P`!!!0`(`&-\&13E\NL;@$`!?`!@`'AL+W=O<"<5Z\6\!9W

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'AL+W=O&PO=V]R:W-H965T7!E&UL4$L%!@ !# $, 3!( *2& 0 $! end XML 71 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 72 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; }
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Consolidated Statements of Cash Flows (Unaudited)Statements7 falsefalseR8.htm995307 - Disclosure - The Company and Summary of Significant Accounting PoliciesSheethttp://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesThe Company and Summary of Significant Accounting PoliciesNotes8 falsefalseR9.htm995308 - Disclosure - Fair Value of Financial InstrumentsSheethttp://www.PRSO.com/role/FairValueofFinancialInstrumentsFair Value of Financial InstrumentsNotes9 falsefalseR10.htm995309 - Disclosure - Balance Sheet DetailSheethttp://www.PRSO.com/role/BalanceSheetDetailBalance Sheet DetailNotes10 falsefalseR11.htm995310 - Disclosure - Severance and Software License ObligationsSheethttp://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsSeverance and Software License ObligationsNotes11 falsefalseR12.htm995311 - Disclosure - Commitments and ContingenciesSheethttp://www.PRSO.com/role/CommitmentsandContingenciesCommitments and ContingenciesNotes12 falsefalseR13.htm995312 - 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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": ["r54", "r713"] }, "us-gaap_AccountsPayableMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Accounts Payable [Member]", "label": "Accounts Payable [Member]", "documentation": "Obligations incurred and payable to vendors for goods and services received." } } }, "auth_ref": ["r56"] }, "us-gaap_AccountsReceivableMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Accounts Receivable [Member]", "label": "Accounts Receivable [Member]", "documentation": "Due from customers or clients for goods or services that have been delivered or sold." } } }, "auth_ref": ["r652"] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Accounts receivable, net", "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": ["r901"] }, "us-gaap_AccruedEmployeeBenefitsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedEmployeeBenefitsCurrent", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable": { "parentTag": "us-gaap_AccruedLiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable"], "lang": { "en-us": { "role": { "terseLabel": "Accrued wages and employee benefits", "label": "Accrued Employee Benefits, Current", "documentation": "Carrying value as of the balance sheet date of obligations, excluding pension and other postretirement benefits, incurred through that date and payable for perquisites provided to employees pertaining to services received from them. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r57"] }, "us-gaap_AccruedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable"], "lang": { "en-us": { "role": { "totalLabel": "Total", "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": ["r57"] }, "us-gaap_AccruedLiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedLiabilitiesCurrentAbstract", "presentation": ["http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable"], "lang": { "en-us": { "role": { "terseLabel": "Accrued Expenses and Other:", "label": "Accrued Liabilities, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AccruedProfessionalFeesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedProfessionalFeesCurrent", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable": { "parentTag": "us-gaap_AccruedLiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable"], "lang": { "en-us": { "role": { "terseLabel": "Professional fees, legal and consulting", "label": "Accrued Professional Fees, Current", "documentation": "Carrying value as of the balance sheet date of obligations incurred through that date and payable for professional fees, such as for legal and accounting services received. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r57"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://www.PRSO.com/role/ShareholdersEquityType2or3"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive 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": ["r2", "r9", "r16", "r386", "r389", "r440", "r541", "r542", "r879", "r880", "r881", "r888", "r889", "r890", "r892"] }, "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": { "label": "Additional 402(v) Disclosure [Text Block]", "terseLabel": "Additional 402(v) Disclosure" } } }, "auth_ref": ["r800"] }, "us-gaap_AdditionalPaidInCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapital", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "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": ["r66", "r713", "r1023"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://www.PRSO.com/role/ShareholdersEquityType2or3"], "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": ["r557", "r888", "r889", "r890", "r892", "r964", "r1024"] }, "dei_AdditionalSecurities462b": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AdditionalSecurities462b", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Additional Securities. 462(b)" } } }, "auth_ref": ["r856"] }, "dei_AdditionalSecurities462bFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AdditionalSecurities462bFileNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Additional Securities, 462(b), File Number" } } }, "auth_ref": ["r856"] }, "dei_AdditionalSecuritiesEffective413b": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AdditionalSecuritiesEffective413b", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Additional Securities Effective, 413(b)" } } }, "auth_ref": ["r854"] }, "dei_AddressTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AddressTypeDomain", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Address Type [Domain]", "documentation": "An entity may have several addresses for different purposes and this domain represents all such types." } } }, "auth_ref": [] }, "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": { "label": "Adjustment to Compensation Amount", "terseLabel": "Adjustment to Compensation, Amount" } } }, "auth_ref": ["r813"] }, "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": { "label": "Adjustment to Compensation [Axis]", "terseLabel": "Adjustment to Compensation:" } } }, "auth_ref": ["r813"] }, "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": { "label": "Adjustment to Non-PEO NEO Compensation Footnote [Text Block]", "terseLabel": "Adjustment to Non-PEO NEO Compensation

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Includes allocation of proceeds of debt securities issued with detachable stock purchase warrants." } } }, "auth_ref": ["r10", "r36", "r92"] }, "us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "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": [] }, "prso_AggregateExchangeableShares": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "AggregateExchangeableShares", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { 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"Aggregate Erroneous Compensation Amount", "terseLabel": "Aggregate Erroneous Compensation Amount" } } }, "auth_ref": ["r763", "r774", "r790", "r825"] }, "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": { "label": "Aggregate Erroneous Compensation Not Yet Determined [Text Block]", "terseLabel": "Aggregate Erroneous Compensation Not Yet Determined" } } }, "auth_ref": ["r766", "r777", "r793", "r828"] }, "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": { "label": "Aggregate Pension Adjustments Service Cost [Member]", "terseLabel": "Aggregate Pension Adjustments Service Cost" } } }, 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"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": { "label": "All Individuals [Member]", "terseLabel": "All Individuals" } } }, "auth_ref": ["r767", "r778", "r794", "r820", "r829", "r833", "r841"] }, "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": { "label": "All Trading Arrangements [Member]", "terseLabel": "All Trading Arrangements" } } }, "auth_ref": ["r839"] }, "us-gaap_AllocatedShareBasedCompensationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllocatedShareBasedCompensationExpense", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationDetails"], "lang": { 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As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method." } } }, "auth_ref": ["r6", "r249", "r256", "r683"] }, "prso_AmountOfPendingLeaseIncentive": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "AmountOfPendingLeaseIncentive", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amount of pending lease incentive", "documentation": "Amount of pending lease incentive.", "label": "Amount Of Pending Lease Incentive" } } }, "auth_ref": [] }, "dei_AnnualInformationForm": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AnnualInformationForm", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Annual Information Form", "documentation": "Boolean flag with value true on a form if it is an annual report containing an annual information form." } } }, "auth_ref": ["r770"] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "presentation": ["http://www.PRSO.com/role/ScheduleofComputationofDilutedNetLossPerShareTable"], "lang": { "en-us": { "role": { "terseLabel": "Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount", "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": ["r184"] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis", "presentation": ["http://www.PRSO.com/role/ScheduleofComputationofDilutedNetLossPerShareTable"], "lang": { "en-us": { "role": { "label": "Antidilutive Securities [Axis]", "documentation": "Information by type of antidilutive security." } } }, "auth_ref": ["r23"] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems", "presentation": ["http://www.PRSO.com/role/ScheduleofComputationofDilutedNetLossPerShareTable"], "lang": { "en-us": { "role": { "label": "Schedule of Computation of Diluted Net Loss Per Share [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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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": ["r18", "r130", "r670"] }, "us-gaap_CashAndCashEquivalentsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsPolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Cash Equivalents and Investments", "label": "Cash and Cash Equivalents, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for cash and cash equivalents, including the policy for determining which items are treated as cash equivalents. Other information that may be disclosed includes (1) the nature of any restrictions on the entity's use of its cash and cash equivalents, (2) whether the entity's cash and cash equivalents are insured or expose the entity to credit risk, (3) the classification of any negative balance accounts (overdrafts), and (4) the carrying basis of cash equivalents (for example, at cost) and whether the carrying amount of cash equivalents approximates fair value." } } }, "auth_ref": ["r19"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "periodStartLabel": "Cash and cash equivalents at beginning of period", "periodEndLabel": "Cash and cash equivalents at end of 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": ["r18", "r82", "r156"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "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), Excluding Exchange Rate Effect", "documentation": "Amount of increase (decrease) in cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; excluding 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": ["r1", "r82"] }, "us-gaap_CashFlowOperatingActivitiesLesseeAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFlowOperatingActivitiesLesseeAbstract", "presentation": ["http://www.PRSO.com/role/ScheduleofLeaseTable"], "lang": { "en-us": { "role": { "terseLabel": "Cash paid for amounts included in the measurement of lease liabilities:", "label": "Cash Flow, Operating Activities, Lessee [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ChangeInAccountingEstimateLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ChangeInAccountingEstimateLineItems", "presentation": ["http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "label": "The Company and Summary of Significant Accounting Policies [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Examples include, but are not limited to, common stock, redeemable preferred stock, nonredeemable preferred stock, and convertible stock." } } }, "auth_ref": ["r123", "r134", "r135", "r136", "r159", "r178", "r179", "r181", "r183", "r189", "r190", "r226", "r273", "r275", "r276", "r277", "r280", "r281", "r284", "r285", "r288", "r291", "r298", "r417", "r549", "r550", "r551", "r552", "r557", "r558", "r559", "r560", "r561", "r562", "r563", "r564", "r565", "r566", "r567", "r568", "r583", "r604", "r624", "r645", "r646", "r647", "r648", "r649", "r864", "r885", "r893"] }, "us-gaap_ClassOfStockLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockLineItems", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "label": "Equity [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Warrants and rights represent derivative securities that give the holder the right to purchase securities (usually equity) from the issuer at a specific price within a certain time frame. Warrants are often included in a new debt issue to entice investors by a higher return potential. The main difference between warrants and call options is that warrants are issued and guaranteed by the company, whereas options are exchange instruments and are not issued by the company. Also, the lifetime of a warrant is often measured in years, while the lifetime of a typical option is measured in months." } } }, "auth_ref": [] }, "us-gaap_ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightExercisePriceOfWarrantsOrRights1", "presentation": ["http://www.PRSO.com/role/EquityDetails", "http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable", "http://www.PRSO.com/role/ScheduleofLiabilityClassifiedWarrantsOutstandingTable", "http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "periodStartLabel": "Exercise Price, Beginning Balance (in Dollars per share)", "periodEndLabel": "Exercise Price, Ending Balance (in Dollars per share)", "terseLabel": "Warrant issued, Exercise Price\t(in Dollars per share)", "verboseLabel": "Previously reported loss per share (in Dollars per share)", "netLabel": "Initial exercise price (in Dollars per share)", "label": "Class of Warrant or Right, Exercise Price of Warrants or Rights", "documentation": "Exercise price per share or per unit of warrants or rights outstanding." } } }, "auth_ref": ["r299"] }, "us-gaap_ClassOfWarrantOrRightLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightLineItems", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable", "http://www.PRSO.com/role/ScheduleofLiabilityClassifiedWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "label": "Schedule of Equity-Classified Warrants Outstanding [Line Items]", "terseLabel": "Schedule of Liability-Classified Warrants Outstanding [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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For example, but not limited to, 500,000 warrants may be converted into 1,000,000 shares." } } }, "auth_ref": ["r299"] }, "us-gaap_ClassOfWarrantOrRightOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfWarrantOrRightOutstanding", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable", "http://www.PRSO.com/role/ScheduleofFairValueofWarrantsTable", "http://www.PRSO.com/role/ScheduleofLiabilityClassifiedWarrantsOutstandingTable", "http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "periodStartLabel": "Number of Shares, Beginning Balance", "periodEndLabel": "Number of Shares, Ending Balance", "terseLabel": "Warrant issued, Number of Shares", "verboseLabel": "WASO increased shares (in Shares)", "label": "Class of Warrant or Right, Outstanding", "documentation": "Number of warrants or rights outstanding." } } 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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": ["r62", "r103", "r508", "r582"] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Commitments and Contingencies [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": 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"r964", "r1022", "r1024"] }, "us-gaap_CommonStockNoParValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockNoParValue", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Exchangeable shares, par value (in Dollars per share)", "label": "Common Stock, No Par Value", "documentation": "Face amount per share of no-par value common stock." } } }, "auth_ref": ["r65"] }, "us-gaap_CommonStockOtherSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockOtherSharesOutstanding", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals", "http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Exchangeable shares, shares outstanding", "verboseLabel": "Outstanding common stock (in Shares)", "label": "Common Stock, Other Shares, Outstanding", "documentation": "Number of shares of other common stock instruments held by shareholder, including, but not limited to, exchangeable shares." } } }, "auth_ref": [] }, "us-gaap_CommonStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockParOrStatedValuePerShare", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, par value (in 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": ["r65"] }, "us-gaap_CommonStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, shares authorized", "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": ["r65", "r583"] }, "us-gaap_CommonStockSharesAuthorizedUnlimited": { "xbrltype": "authorizedUnlimitedItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorizedUnlimited", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Exchangeable shares, shares authorized", "label": "Common Stock, Shares Authorized, Unlimited [Fixed List]", "documentation": "Indicates whether number of common shares permitted to be issued is unlimited. Acceptable value is \"Unlimited\"." } } }, "auth_ref": ["r65"] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, shares issued", "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": ["r65"] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, shares outstanding", "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", "r65", "r583", "r601", "r1024", "r1025"] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Common stock, $0.001 par value; 120,000 shares authorized; 2,706 shares and 673 shares issued and outstanding at June 30, 2024 and December 31, 2023, 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": ["r65", "r510", "r713"] }, "prso_CommonStockWarrantsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "CommonStockWarrantsMember", "presentation": ["http://www.PRSO.com/role/ScheduleofComputationofDilutedNetLossPerShareTable"], "lang": { "en-us": { "role": { "terseLabel": "Warrants classified as liabilities [Member]", "label": "Common Stock Warrants Member" } } }, "auth_ref": [] }, "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": { "label": "Compensation Actually Paid vs. Company Selected Measure [Text Block]", "terseLabel": "Compensation Actually Paid vs. Company Selected Measure" } } }, "auth_ref": ["r817"] }, "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": { "label": "Compensation Actually Paid vs. Net Income [Text Block]", "terseLabel": "Compensation Actually Paid vs. Net Income" } } }, "auth_ref": ["r816"] }, "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": { "label": "Compensation Actually Paid vs. Other Measure [Text Block]", "terseLabel": "Compensation Actually Paid vs. Other Measure" } } }, "auth_ref": ["r818"] }, "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": { "label": "Compensation Actually Paid vs. Total Shareholder Return [Text Block]", "terseLabel": "Compensation Actually Paid vs. Total Shareholder Return" } } }, "auth_ref": ["r815"] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "totalLabel": "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": ["r17", "r144", "r146", "r151", "r501", "r518", "r519"] }, "us-gaap_ConcentrationRiskByBenchmarkAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByBenchmarkAxis", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Axis]", "documentation": "Information by benchmark of concentration risk." } } }, "auth_ref": ["r26", "r27", "r52", "r53", "r218", "r547", "r652"] }, "us-gaap_ConcentrationRiskByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByTypeAxis", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "label": "Concentration Risk Type [Axis]", "documentation": "Information by type of concentration risk, for example, but not limited to, asset, liability, net assets, geographic, customer, employees, supplier, lender." } } }, "auth_ref": ["r26", "r27", "r52", "r53", "r218", "r652", "r869"] }, "us-gaap_ConcentrationRiskLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskLineItems", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "label": "Schedule of Concentration of Credit 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": ["r652"] }, "us-gaap_ConcentrationRiskPercentage1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskPercentage1", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "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", "r52", "r53", "r218"] }, "us-gaap_ConcentrationRiskTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTable", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "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", "r52", "r99", "r652"] }, "dei_ContactPersonnelEmailAddress": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContactPersonnelEmailAddress", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contact Personnel Email Address", "documentation": "Email address of contact personnel." } } }, "auth_ref": [] }, "dei_ContactPersonnelFaxNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ContactPersonnelFaxNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Contact Personnel Fax Number", "documentation": "Fax Number of contact personnel." } } }, "auth_ref": ["r758"] }, 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HTML, Word, PDF, GIF/JPG, etc.)." } } }, "auth_ref": [] }, "us-gaap_ContractWithCustomerLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityCurrent", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "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": ["r301", "r302", "r313"] }, "us-gaap_ContractWithCustomerLiabilityRevenueRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityRevenueRecognized", 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Prepetition Liabilities Not Recognized in Statement of Operations", "documentation": "The amount of contractual interest expense on prepetition liabilities not included in the statement of operations." } } }, "auth_ref": ["r447", "r714"] }, "us-gaap_ContractualObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractualObligation", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "contractual liabilities", "label": "Contractual Obligation", "documentation": "Amount of contractual obligation, including, but not limited to, long-term debt, lease obligation, purchase obligation, and other commitments." } } }, "auth_ref": ["r887"] }, "us-gaap_ConversionOfStockAmountConverted1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConversionOfStockAmountConverted1", "crdr": "debit", "presentation": 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Noncash is defined as transactions during a period that do not result in cash receipts or cash payments in the period. \"Part noncash\" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period." } } }, "auth_ref": ["r20", "r21", "r22"] }, "us-gaap_ConversionOfStockSharesIssued1": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConversionOfStockSharesIssued1", "presentation": ["http://www.PRSO.com/role/ShareholdersEquityType2or3"], "lang": { "en-us": { "role": { "negatedLabel": "Exchange of exchangeable shares (in Shares)", "label": "Conversion of Stock, Shares Issued", "documentation": "The number of new shares issued in the conversion of stock in a noncash (or part noncash) transaction. Noncash is defined as transactions during a period that do not result in cash receipts or cash payments in the period. \"Part noncash\" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period." } } }, "auth_ref": ["r20", "r21", "r22"] }, "us-gaap_CostOfRevenue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfRevenue", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_GrossProfit", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Cost of net revenue", "label": "Cost of Revenue", "documentation": "The aggregate cost of goods produced and sold and services rendered during the reporting period." } } }, "auth_ref": ["r76", "r159", "r226", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r280", "r281", "r417", "r679", "r927"] }, "us-gaap_CostOfSalesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfSalesPolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Cost of Net Revenue", "label": "Cost of Goods and Service [Policy Text Block]", "documentation": "Disclosure of accounting policy for cost of product sold and service rendered." } } }, "auth_ref": ["r871"] }, "dei_CountryRegion": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CountryRegion", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Country Region", "documentation": "Region code of country" } } }, "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://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format --MM-DD." } } }, "auth_ref": [] }, "prso_CustomerAMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "CustomerAMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Customer A [Member]", "label": "Customer AMember" } } }, "auth_ref": [] }, "prso_CustomerBMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "CustomerBMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Customer B [Member]", "label": "Customer BMember" } } }, "auth_ref": [] }, "prso_CustomerCMember": { "xbrltype": "domainItemType", "nsuri":

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The risk is the materially adverse effects of loss of a significant customer." } } }, "auth_ref": ["r87", "r218"] }, "prso_CustomerDMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "CustomerDMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Customer D [Member]", "label": "Customer DMember" } } }, "auth_ref": [] }, "prso_CustomerEMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "CustomerEMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Customer E [Member]", "label": "Customer EMember" } } }, "auth_ref": [] }, "us-gaap_CustomerRelationshipsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerRelationshipsMember", "presentation": ["http://www.PRSO.com/role/ScheduleofIntangibleAssetsTable", "http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer relationships [Member]", "verboseLabel": "Customer Relationships [Member]", "label": "Customer Relationships [Member]", "documentation": "Customer relationship that exists between an entity and its customer, for example, but not limited to, tenant relationships." } } }, "auth_ref": ["r44", "r908", "r909", "r910", "r911", "r912", "r914", "r915", "r916"] }, "us-gaap_DebtInstrumentPeriodicPaymentTermsBalloonPaymentToBePaid": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentPeriodicPaymentTermsBalloonPaymentToBePaid", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Payment of first installment of incentive", "label": "Debt Instrument, Periodic Payment Terms, Balloon Payment to be Paid", "documentation": "Amount of payment greater than the preceding installment payments to be paid at final maturity date of debt." } } }, "auth_ref": [] }, "dei_DelayedOrContinuousOffering": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DelayedOrContinuousOffering", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Delayed or Continuous Offering" } } }, "auth_ref": ["r782", "r783", "r797"] }, "us-gaap_DepreciationAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepreciationAndAmortization", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Depreciation and amortization", "label": "Depreciation, Depletion and Amortization, Nonproduction", "documentation": "The current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production." } } }, "auth_ref": ["r6", "r35"] }, "us-gaap_DerivativeContractTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeContractTypeDomain", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationDetails"], "lang": { "en-us": { "role": { "label": "Derivative Contract [Domain]", "documentation": "Financial instrument or contract with one or more underlyings, notional amount or payment provision or both, 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Usually it is a system-assigned date time value, but it may be declared by the submitter in some cases." } } }, "auth_ref": [] }, "dei_DocumentFinStmtErrorCorrectionFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFinStmtErrorCorrectionFlag", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Financial Statement Error Correction [Flag]", "documentation": "Indicates whether any of the financial statement period in the filing include a restatement due to error correction." } } }, "auth_ref": ["r755", "r758", "r770", "r821"] }, "dei_DocumentFinStmtRestatementRecoveryAnalysisFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFinStmtRestatementRecoveryAnalysisFlag", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Financial Statement Restatement Recovery Analysis [Flag]", "documentation": "Indicates whether any of the financial statement periods include restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to \u00a7240.10D-1(b)." } } }, "auth_ref": ["r755", "r758", "r770", "r821"] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalPeriodFocus", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "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://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "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. 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Examples appear in the <FILENAME> field of EDGAR filings, such as 'htm_25911.htm', 'exhibit1.htm', 'v105727_8k.txt'." } } }, "auth_ref": [] }, "dei_DocumentPeriodEndDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentPeriodEndDate", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "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_DocumentPeriodStartDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentPeriodStartDate", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Period Start Date", "documentation": "The start date of the period covered in the document, in YYYY-MM-DD format." } } }, "auth_ref": [] }, "dei_DocumentQuarterlyReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentQuarterlyReport", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Quarterly Report", "documentation": "Boolean flag that is true only for a form used as an quarterly report." } } }, "auth_ref": ["r756"] }, "dei_DocumentRegistrationStatement": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentRegistrationStatement", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Registration Statement", "documentation": "Boolean flag that is true only for a form used as a registration statement." } } }, "auth_ref": ["r744"] }, "dei_DocumentShellCompanyEventDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentShellCompanyEventDate", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Shell Company Event Date", "documentation": "Date of event requiring a shell company report." } } }, "auth_ref": ["r758"] }, "dei_DocumentShellCompanyReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentShellCompanyReport", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Shell Company Report", "documentation": "Boolean flag that is true for a Shell Company Report pursuant to section 13 or 15(d) of the Exchange Act." } } }, "auth_ref": ["r758"] }, "dei_DocumentSubtitle": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentSubtitle", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Subtitle", "documentation": "The subtitle given to the document resource by the creator or publisher. An example is 'A New Period of Growth'." } } }, "auth_ref": [] }, "dei_DocumentSynopsis": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentSynopsis", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Synopsis", "documentation": "A synopsis or description of the document provided by the creator or publisher. Examples are 'This is the 2006 annual report for Company. During this period we saw revenue grow by 10% and earnings per share grow by 15% over the prior period'" } } }, "auth_ref": [] }, "dei_DocumentTitle": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTitle", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Title", "documentation": "The name or title given to the document resource by the creator or publisher. An example is '2002 Annual Report'." } } }, "auth_ref": [] }, "dei_DocumentTransitionReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTransitionReport", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Transition Report", "documentation": "Boolean flag that is true only for a form used as a transition report." } } }, "auth_ref": ["r798"] }, "dei_DocumentType": { "xbrltype": "submissionTypeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentType", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "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": [] }, "dei_DocumentVersion": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentVersion", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Document Version", "documentation": "The version identifier of the document." } } }, "auth_ref": [] }, "dei_DocumentsIncorporatedByReferenceTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentsIncorporatedByReferenceTextBlock", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Documents Incorporated by Reference [Text Block]", "documentation": "Documents incorporated by reference." } } }, "auth_ref": ["r747"] }, "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": { "label": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member]", "terseLabel": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year" } } }, "auth_ref": ["r810"] }, "us-gaap_EarningsPerShareAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Net loss per share", "label": "Earnings Per Share [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareBasic": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasic", "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Basic (in 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": ["r152", "r166", "r167", "r168", "r169", "r170", "r171", "r176", "r178", "r181", "r182", "r183", "r186", "r377", "r380", "r393", "r394", "r502", "r520", "r675"] }, "us-gaap_EarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDiluted", "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Diluted", "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": ["r152", "r166", "r167", "r168", "r169", "r170", "r171", "r178", "r181", "r182", "r183", "r186", "r377", "r380", "r393", "r394", "r502", "r520", "r675"] }, "us-gaap_EarningsPerSharePolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerSharePolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Per-Share Amounts", "label": "Earnings Per Share, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for computing basic and diluted earnings or loss per share for each class of common stock and participating security. Addresses all significant policy factors, including any antidilutive items that have been excluded from the computation and takes into account stock dividends, splits and reverse splits that occur after the balance sheet date of the latest reporting period but before the issuance of the financial statements." } } }, "auth_ref": ["r23", "r24", "r185"] }, "dei_EffectiveAfter60Days486a": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveAfter60Days486a", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective after 60 Days, 486(a)" } } }, "auth_ref": ["r860"] }, "dei_EffectiveOnDate486a": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveOnDate486a", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective on Date, 486(a)" } } }, "auth_ref": ["r860"] }, "dei_EffectiveOnDate486b": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveOnDate486b", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective on Date, 486(b)" } } }, "auth_ref": ["r861"] }, "dei_EffectiveOnSetDate486a": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveOnSetDate486a", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective on Set Date, 486(a)" } } }, "auth_ref": ["r860"] }, "dei_EffectiveOnSetDate486b": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveOnSetDate486b", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective on Set Date, 486(b)" } } }, "auth_ref": ["r861"] }, "dei_EffectiveUponFiling462e": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveUponFiling462e", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective Upon Filing, 462(e)" } } }, "auth_ref": ["r859"] }, "dei_EffectiveUponFiling486b": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveUponFiling486b", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective upon Filing, 486(b)" } } }, "auth_ref": ["r861"] }, "dei_EffectiveWhenDeclaredSection8c": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EffectiveWhenDeclaredSection8c", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Effective when Declared, Section 8(c)" } } }, "auth_ref": ["r863"] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Weighted average expected period over expense is to be recognized", "label": "Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition", "documentation": "Weighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r362"] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedShareBasedAwardsOtherThanOptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedShareBasedAwardsOtherThanOptions", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unamortized compensation cost of restricted stock units", "label": "Share-Based Payment Arrangement, Nonvested Award, Excluding Option, Cost Not yet Recognized, Amount", "documentation": "Amount of cost to be recognized for nonvested award under share-based payment arrangement. Excludes share and unit options." } } }, "auth_ref": ["r959"] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedStockOptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedStockOptions", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Unamortized compensation cost of stock option", "label": "Share-Based Payment Arrangement, Nonvested Award, Option, Cost Not yet Recognized, Amount", "documentation": "Amount of cost to be recognized for option under share-based payment arrangement." } } }, "auth_ref": ["r959"] }, "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": { "label": "Employee Stock Option [Member]", "terseLabel": "Employee Stock Option", "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_EntitiesTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitiesTable", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entities [Table]", "documentation": "Container to assemble all relevant information about each entity associated with the document instance" } } }, "auth_ref": [] }, "dei_EntityAccountingStandard": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAccountingStandard", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Accounting Standard", "documentation": "The standardized abbreviation of the accounting standard used by the entity. This can either be US GAAP as promulgated by the FASB or IFRS as promulgated by the IASB. Example: 'US GAAP', 'IFRS'. This is distinct from the Document Accounting Standard element." } } }, "auth_ref": [] }, "dei_EntityAddressAddressDescription": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressDescription", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, Address Description", "documentation": "Description of the kind of address for the entity, if needed to distinguish more finely among mailing, principal, legal, accounting, contact or other addresses." } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "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://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, Address Line Two", "documentation": "Address Line 2 such as Street or Suite number" } } }, "auth_ref": [] }, "dei_EntityAddressAddressLine3": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine3", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, Address Line Three", "documentation": "Address Line 3 such as an Office Park" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "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://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "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://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref": [] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityAddressesAddressTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressesAddressTypeAxis", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Addresses, Address Type [Axis]", "documentation": "The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table." } } }, "auth_ref": [] }, "dei_EntityAddressesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressesLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Addresses [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": [] }, "dei_EntityAddressesTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressesTable", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Addresses [Table]", "documentation": "Container of address information for the entity" } } }, "auth_ref": ["r746"] }, "dei_EntityBankruptcyProceedingsReportingCurrent": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityBankruptcyProceedingsReportingCurrent", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Bankruptcy Proceedings, Reporting Current", "documentation": "For registrants involved in bankruptcy proceedings during the preceding five years, the value Yes indicates that the registrant has filed all documents and reports required to be filed by Section 12, 13 or 15(d) of the Securities Exchange Act of 1934 subsequent to the distribution of securities under a plan confirmed by a court; the value No indicates the registrant has not. Registrants not involved in bankruptcy proceedings during the preceding five years should not report this element." } } }, "auth_ref": ["r750"] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Central Index Key", "documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": ["r746"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityContactPersonnelLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityContactPersonnelLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Contact Personnel [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityDomain", "presentation": ["http://xbrl.sec.gov/dei/role/document/AuditInformation", "http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity [Domain]", "documentation": "All the names of the entities being reported upon in a document. Any legal structure used to conduct activities or to hold assets. Some examples of such structures are corporations, partnerships, limited liability companies, grantor trusts, and other trusts. This item does not include business and geographical segments which are included in the geographical or business segments domains." } } }, "auth_ref": [] }, "dei_EntityEmergingGrowthCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Emerging Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": ["r746"] }, "dei_EntityExTransitionPeriod": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityExTransitionPeriod", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Ex Transition Period", "documentation": "Indicate if an emerging growth company has elected not to use the extended transition period for complying with any new or revised financial accounting standards." } } }, "auth_ref": ["r862"] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity File Number", "documentation": "Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen." } } }, "auth_ref": [] }, "dei_EntityFilerCategory": { "xbrltype": "filerCategoryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFilerCategory", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Filer Category", "documentation": "Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": ["r746"] }, "dei_EntityHomeCountryISOCode": { "xbrltype": "countryCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityHomeCountryISOCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Home Country ISO Code", "documentation": "ISO 3166-1 alpha-2 country code for the Entity's home country. If home country is different from country of legal incorporation, then also provide country of legal incorporation in the 'Entity Incorporation, State Country Code' element." } } }, "auth_ref": [] }, "dei_EntityIncorporationDateOfIncorporation": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationDateOfIncorporation", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Incorporation, Date of Incorporation", "documentation": "Date when an entity was incorporated" } } }, "auth_ref": [] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Incorporation, State or Country Code", "documentation": "Two-character EDGAR code representing the state or country of incorporation." } } }, "auth_ref": [] }, "dei_EntityInformationFormerLegalOrRegisteredName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInformationFormerLegalOrRegisteredName", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Information, Former Legal or Registered Name", "documentation": "Former Legal or Registered Name of an entity" } } }, "auth_ref": [] }, "dei_EntityInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInformationLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Information [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": [] }, "dei_EntityInteractiveDataCurrent": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInteractiveDataCurrent", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Interactive Data Current", "documentation": "Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)." } } }, "auth_ref": ["r851"] }, "dei_EntityInvCompanyType": { "xbrltype": "invCompanyType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInvCompanyType", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Inv Company Type", "documentation": "One of: N-1A (Mutual Fund), N-1 (Open-End Separate Account with No Variable Annuities), N-2 (Closed-End Investment Company), N-3 (Separate Account Registered as Open-End Management Investment Company), N-4 (Variable Annuity UIT Separate Account), N-5 (Small Business Investment Company), N-6 (Variable Life UIT Separate Account), S-1 or S-3 (Face Amount Certificate Company), S-6 (UIT, Non-Insurance Product)." } } }, "auth_ref": ["r850"] }, "dei_EntityLegalForm": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityLegalForm", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Legal Form", "documentation": "The details of the entity's legal form. Examples are partnership, limited liability company, trust, etc." } } }, "auth_ref": [] }, "dei_EntityListingDepositoryReceiptRatio": { "xbrltype": "pureItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingDepositoryReceiptRatio", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Depository Receipt Ratio", "documentation": "The number of underlying shares represented by one American Depository Receipt (ADR) or Global Depository Receipt (GDR). A value of '3' means that one ADR represents 3 underlying shares. If one underlying share represents 2 ADR's then the value would be represented as '0.5'." } } }, "auth_ref": [] }, "dei_EntityListingDescription": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingDescription", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Description", "documentation": "Description of the kind of listing the entity has on the exchange, if necessary to further describe different instruments that are already distinguished by Entity, Exchange and Security." } } }, "auth_ref": [] }, "dei_EntityListingForeign": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingForeign", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Foreign", "documentation": "Yes or No value indicating whether this is a listing that is a foreign listing or depository receipt." } } }, "auth_ref": [] }, "dei_EntityListingParValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingParValuePerShare", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Par Value Per Share", "documentation": "The par value per share of security quoted in same currency as Trading currency. Example: '0.01'." } } }, "auth_ref": [] }, "dei_EntityListingPrimary": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingPrimary", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Primary", "documentation": "Yes or No value indicating whether a listing of an instrument on an exchange is primary for the entity." } } }, "auth_ref": [] }, "dei_EntityListingSecurityTradingCurrency": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingSecurityTradingCurrency", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listing, Security Trading Currency", "documentation": "The three character ISO 4217 code for the currency in which the security is quoted. Example: 'USD'" } } }, "auth_ref": [] }, "dei_EntityListingsExchangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingsExchangeAxis", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listings, Exchange [Axis]", "documentation": "The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table." } } }, "auth_ref": [] }, "dei_EntityListingsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingsLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listings [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": [] }, "dei_EntityListingsTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityListingsTable", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Listings [Table]", "documentation": "Container for exchange listing information for an entity" } } }, "auth_ref": [] }, "dei_EntityNumberOfEmployees": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityNumberOfEmployees", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Number of Employees", "documentation": "Number of persons employed by the Entity" } } }, "auth_ref": [] }, "dei_EntityPhoneFaxNumbersLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPhoneFaxNumbersLineItems", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Phone Fax Numbers [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": [] }, "dei_EntityPrimarySicNumber": { "xbrltype": "sicNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPrimarySicNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Primary SIC Number", "documentation": "Primary Standard Industrial Classification (SIC) Number for the Entity." } } }, "auth_ref": ["r770"] }, "dei_EntityPublicFloat": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPublicFloat", "crdr": "credit", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Public Float", "documentation": "The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold, or the average bid and asked price of such common equity, as of the last business day of the registrant's most recently completed second fiscal quarter." } } }, "auth_ref": [] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Registrant Name", "documentation": "The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC." } } }, "auth_ref": ["r746"] }, "dei_EntityReportingCurrencyISOCode": { "xbrltype": "currencyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityReportingCurrencyISOCode", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Reporting Currency ISO Code", "documentation": "The three character ISO 4217 code for the currency used for reporting purposes. Example: 'USD'." } } }, "auth_ref": [] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Shell Company", "documentation": "Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act." } } }, "auth_ref": ["r746"] }, "dei_EntitySmallBusiness": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitySmallBusiness", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Small Business", "documentation": "Indicates that the company is a Smaller Reporting Company (SRC)." } } }, "auth_ref": ["r746"] }, "dei_EntityTaxIdentificationNumber": { "xbrltype": "employerIdItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTaxIdentificationNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Tax Identification Number", "documentation": "The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS." } } }, "auth_ref": ["r746"] }, "dei_EntityTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTextBlock", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity [Text Block]", "documentation": "Container to serve as parent of six Entity related Table concepts." } } }, "auth_ref": [] }, "dei_EntityVoluntaryFilers": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityVoluntaryFilers", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Voluntary Filers", "documentation": "Indicate 'Yes' or 'No' if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act." } } }, "auth_ref": [] }, "dei_EntityWellKnownSeasonedIssuer": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityWellKnownSeasonedIssuer", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Entity Well-known Seasoned Issuer", "documentation": "Indicate 'Yes' or 'No' if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Is used on Form Type: 10-K, 10-Q, 8-K, 20-F, 6-K, 10-K/A, 10-Q/A, 20-F/A, 6-

K/A, N-CSR, N-Q, N-1A." } } }, "auth_ref": ["r853"] }, "us-gaap_EntityWideRevenueMajorCustomerLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EntityWideRevenueMajorCustomerLineItems", "presentation": ["http://www.PRSO.com/role/ScheduleofCompanyRecognizedRevenueTable"], "lang": { "en-us": { "role": { "label": "Schedule of Company Recognized 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": [] }, "ecd_EqtyAwrdsAdjFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EqtyAwrdsAdjFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Equity Awards Adjustments, Footnote [Text Block]", "terseLabel": "Equity Awards Adjustments, Footnote" } } }, "auth_ref": ["r804"] }, "ecd_EqtyAwrdsAdjsExclgValRprtdInSummryCompstnTblMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EqtyAwrdsAdjsExclgValRprtdInSummryCompstnTblMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member]", "terseLabel": "Equity Awards Adjustments, Excluding Value Reported in Compensation Table" } } }, "auth_ref": ["r846"] }, "ecd_EqtyAwrdsAdjsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EqtyAwrdsAdjsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Equity Awards Adjustments [Member]", "terseLabel": "Equity Awards Adjustments" } } }, "auth_ref": ["r846"] }, "ecd_EqtyAwrdsInSummryCompstnTblForAplblYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EqtyAwrdsInSummryCompstnTblForAplblYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member]", "terseLabel": "Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table" } } }, "auth_ref": ["r846"] }, "us-gaap_EquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityAbstract", "lang": { "en-us": { "role": { "label": "Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EquityComponentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityComponentDomain", "presentation": ["http://www.PRSO.com/role/EquityDetails", "http://www.PRSO.com/role/ShareholdersEquityType2or3"], "lang": { "en-us": { "role": { "label": "Equity Component [Domain]", "documentation": "Components of equity are the parts of the total Equity balance including that which is allocated to common, preferred, treasury stock, retained earnings, etc." } } }, "auth_ref": ["r10", "r124", "r147", "r148", "r149", "r161", "r162", "r163", "r165", "r170", "r172", "r174", "r188", "r227", "r228", "r261", "r300", "r372", "r373", "r374", "r375", "r376", "r378", "r379", "r380", "r385", "r386", "r387", "r388", "r389", "r390", "r392", "r419", "r420", "r421", "r422", "r423", "r424", "r425", "r426", "r440", "r517", "r541", "r542", "r543", "r557", "r624"] }, "prso_EquityDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "EquityDetailsTable", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "label": "Equity (Details) [Table]" } } }, "auth_ref": [] }, "ecd_EquityValuationAssumptionDifferenceFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EquityValuationAssumptionDifferenceFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Equity Valuation Assumption Difference, Footnote [Text Block]", "terseLabel": "Equity Valuation Assumption Difference, Footnote" } } }, "auth_ref": ["r814"] }, "ecd_ErrCompAnalysisTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ErrCompAnalysisTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Erroneous Compensation Analysis [Text Block]", "terseLabel": "Erroneous Compensation Analysis" } } }, "auth_ref": ["r763", "r774", "r790", "r825"] }, "ecd_ErrCompRecoveryTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ErrCompRecoveryTable", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "label": "Erroneously Awarded Compensation Recovery [Table]", "terseLabel": "Erroneously Awarded Compensation Recovery" } } }, "auth_ref": ["r760", "r771", "r787", "r822"] }, "prso_EscrowSharesCommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "EscrowSharesCommonStockMember", "presentation": ["http://www.PRSO.com/role/ScheduleofComputationofDilutedNetLossPerShareTable"], "lang": { "en-us": { "role": { "terseLabel": "Escrow shares - 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Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity.", "label": "Exchangeable Common Stock Value" } } }, "auth_ref": [] }, "prso_ExchangeableSharesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ExchangeableSharesMember", "presentation": ["http://www.PRSO.com/role/ShareholdersEquityType2or3"], "lang": { "en-us": { "role": { "terseLabel": "Exchangeable Shares", "label": "Exchangeable Shares Member" } } }, "auth_ref": [] }, "prso_ExchangeableSharesPercentage": { "xbrltype": "percentItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ExchangeableSharesPercentage", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of exchangeable shares", "documentation": "Percentage of exchangeable shares.", "label": "Exchangeable Shares Percentage" } } }, "auth_ref": [] }, "ecd_ExecutiveCategoryAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ExecutiveCategoryAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Executive Category [Axis]", "terseLabel": "Executive Category:" } } }, "auth_ref": ["r820"] }, "prso_ExercisePricePrefundedWarrantsExercised": { "xbrltype": "perShareItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ExercisePricePrefundedWarrantsExercised", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Exercise Price, Pre-funded warrants exercised (in Dollars per share)", "documentation": "Exercise Price, Pre-funded warrants exercised.", "label": "Exercise Price Prefunded Warrants Exercised" } } }, "auth_ref": [] }, "prso_ExercisePriceWarrantsIssued": { "xbrltype": "perShareItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ExercisePriceWarrantsIssued", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Exercise Price, warrants issued (in Dollars per share)", "documentation": "Exercise Price, warrants issued.", "label": "Exercise Price Warrants Issued" } } }, "auth_ref": [] }, "dei_ExhibitsOnly462d": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ExhibitsOnly462d", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Exhibits Only, 462(d)" } } }, "auth_ref": ["r858"] }, "dei_ExhibitsOnly462dFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "ExhibitsOnly462dFileNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Exhibits Only, 462(d), File Number" } } }, "auth_ref": ["r858"] }, "prso_ExpirationPrefundedWarrantsExercised": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ExpirationPrefundedWarrantsExercised", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Expiration, Pre-funded warrants exercised", "label": "Expiration Prefunded Warrants Exercised" } } }, "auth_ref": [] }, "prso_ExpirationPrefundedWarrantsIssued": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ExpirationPrefundedWarrantsIssued", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Expiration, Pre-funded warrants issued", "label": "Expiration Prefunded Warrants Issued" } } }, "auth_ref": [] }, "prso_ExpirationWarrantsIssued": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ExpirationWarrantsIssued", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Expiration, warrants issued", "label": "Expiration Warrants Issued" } } }, "auth_ref": [] }, "us-gaap_ExtendedProductWarrantyAccrual": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ExtendedProductWarrantyAccrual", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable": { "parentTag": "us-gaap_AccruedLiabilitiesCurrent", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable"], "lang": { "en-us": { "role": { "terseLabel": "Warranty accrual", "label": "Extended Product Warranty Accrual", "documentation": "Amount as of the balance sheet date of the aggregate extended product warranty liability. Does not include the ending balance for the standard product warranty liability." } } }, "auth_ref": ["r925", "r926"] }, "dei_Extension": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Extension", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Extension", "documentation": "Extension number for local phone number." } } }, "auth_ref": [] }, "us-gaap_FairValueAdjustmentOfWarrants": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAdjustmentOfWarrants", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_NetIncomeLoss", "weight": -1.0, "order": 3.0 }, "http://www.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow", "http://www.PRSO.com/role/ConsolidatedIncomeStatement", "http://www.PRSO.com/role/ScheduleofFairValueofWarrantsTable"], "lang": { "en-us": { "role": { "terseLabel": "Change in fair value of warrant liabilities", "negatedLabel": "Change in fair value of warrant liabilities", "verboseLabel": "Change in fair value of warrants, Fair Value", "label": "Fair Value Adjustment of Warrants", "documentation": "Amount of expense (income) related to adjustment to fair value of warrant liability." } } }, "auth_ref": ["r0", "r6"] }, "us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesLineItems", "presentation": ["http://www.PRSO.com/role/ScheduleofAssetsandLiabilitiesMeasuredatFairValueonaRecurringBasisTable", "http://www.PRSO.com/role/ScheduleofBlackScholesModelTable"], "lang": { "en-us": { "role": { "label": "Schedule of Assets and Liabilities Measured at Fair Value on a Recurring Basis [Line Items]", "terseLabel": "Schedule of Black Scholes Model [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Financial Instruments", "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": ["r405", "r407", "r408", "r409", "r412", "r413", "r414", "r415", "r416", "r499", "r698", "r700"] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": ["http://www.PRSO.com/role/ScheduleofAssetsandLiabilitiesMeasuredatFairValueonaRecurringBasisTable"], "lang": { "en-us": { "role": { "terseLabel": "Level 1 [Member]", "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": ["r282", "r316", "r321", "r397", "r410", "r450", "r691", "r692", "r693", "r698"] }, "us-gaap_FairValueInputsLevel2Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel2Member", "presentation": ["http://www.PRSO.com/role/ScheduleofAssetsandLiabilitiesMeasuredatFairValueonaRecurringBasisTable"], "lang": { "en-us": { "role": { "terseLabel": "Level 2 [Member]", "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": ["r282", "r316", "r321", "r397", "r398", "r410", "r451", "r685", "r686", "r691", "r692", "r693", "r698"] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel3Member", "presentation": ["http://www.PRSO.com/role/ScheduleofAssetsandLiabilitiesMeasuredatFairValueonaRecurringBasisTable"], "lang": { "en-us": { "role": { "terseLabel": "Level 3 [Member]", "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": ["r282", "r316", "r317", "r318", "r319", "r320", "r321", "r397", "r398", "r399", "r400", "r410", "r452", "r685", "r686", "r691", "r692", "r693", "r698", "r699"] }, "us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationByLiabilityClassDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationByLiabilityClassDomain", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "label": "Fair Value by Liability Class [Domain]", "documentation": "Represents classes of liabilities measured and disclosed at fair value." } } }, "auth_ref": ["r401", "r402", "r403", "r404", "r405", "r406", "r411"] }, "us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationLineItems", "presentation": ["http://www.PRSO.com/role/ScheduleofFairValueofWarrantsTable"], "lang": { "en-us": { "role": { "label": "Schedule of Fair Value of Warrants [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Disclosures include, but are not limited to, how an entity that manages a group of financial assets and liabilities on the basis of its net exposure measures the fair value of those assets and liabilities." } } }, "auth_ref": [] }, "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": ["http://www.PRSO.com/role/ScheduleofAssetsandLiabilitiesMeasuredatFairValueonaRecurringBasisTable"], "lang": { "en-us": { "role": { "label": "Fair Value Hierarchy and NAV [Domain]", "documentation": "Categories used to prioritize the inputs to valuation techniques to measure fair value." } } }, "auth_ref": ["r282", "r316", "r317", "r318", "r319", "r320", "r321", "r395", "r397", "r398", "r399", "r400", "r409", "r410", "r412", "r450", "r451", "r452", "r685", "r686", "r691", "r692", "r693", "r698", "r699"] }, 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A major class is composed of intangible assets that can be grouped together because they are similar, either by their nature or by their use in the operations of the company." } } }, "auth_ref": ["r248", "r253", "r257", "r683"] }, "ecd_IndividualAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "IndividualAxis", "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": { "label": "Individual [Axis]", "terseLabel": "Individual:" } } }, "auth_ref": ["r767", "r778", "r794", "r820", "r829", "r833", "r841"] }, "prso_InitialRecognitionOfWarrantLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "InitialRecognitionOfWarrantLiability", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Initial recognition of warrant liability", "documentation": "Initial recognition of warrant liability.", "label": "Initial Recognition Of Warrant Liability" } } }, "auth_ref": [] }, "ecd_InsiderTradingArrLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingArrLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Arrangements [Line Items]", "terseLabel": "Insider Trading Arrangements:" } } }, "auth_ref": ["r839"] }, "ecd_InsiderTradingPoliciesProcLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingPoliciesProcLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures [Line Items]", "terseLabel": "Insider Trading Policies and Procedures:" } } }, "auth_ref": ["r759", "r845"] }, "ecd_InsiderTrdPoliciesProcAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc"], "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures Adopted [Flag]", "terseLabel": "Insider Trading Policies and Procedures Adopted" } } }, "auth_ref": ["r759", "r845"] }, "ecd_InsiderTrdPoliciesProcNotAdoptedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcNotAdoptedTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc"], "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures Not Adopted [Text Block]", "terseLabel": "Insider Trading Policies and Procedures Not Adopted" } } }, "auth_ref": ["r759", "r845"] }, "us-gaap_IntangibleAssetsFiniteLivedPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IntangibleAssetsFiniteLivedPolicy", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Intangible and Long-lived Assets", "label": "Intangible

Assets, Finite-Lived, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for finite-lived intangible assets. This accounting policy also might address: (1) the amortization method used; (2) the useful lives of such assets; and (3) how the entity assesses and measures impairment of such assets." } } }, "auth_ref": ["r463", "r464", "r465", "r467", "r673", "r907"] }, "us-gaap_InventoryDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Balance Sheet Detail [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryDisclosureTextBlock", "presentation": ["http://www.PRSO.com/role/BalanceSheetDetail"], "lang": { "en-us": { "role": { "terseLabel": "Balance Sheet Detail", "label": "Inventory Disclosure [Text Block]", "documentation": "The entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory." } } }, "auth_ref": ["r234"] }, "us-gaap_InventoryExchangesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryExchangesMember", "presentation": ["http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Inventory Exchanges [Member]", "label": "Inventory Exchanges [Member]", "documentation": "Inventory that is exchanged with the same counterpart as a sale of goods." } } }, "auth_ref": ["r439"] }, "us-gaap_InventoryFinishedGoods": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryFinishedGoods", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", 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"Inventories total", "terseLabel": "Inventories, net", "label": "Inventory, Net", "documentation": "Amount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r139", "r671", "r713"] }, "us-gaap_InventoryNetAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryNetAbstract", "presentation": ["http://www.PRSO.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "terseLabel": "Inventories:", "label": "Inventory, Net [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InventoryPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryPolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Inventories", "label": "Inventory, Policy [Policy Text Block]", "documentation": "Disclosure of inventory accounting policy for inventory classes, including, but not limited to, basis for determining inventory amounts, methods by which amounts are added and removed from inventory classes, loss recognition on impairment of inventories, and situations in which inventories are stated above cost." } } }, "auth_ref": ["r117", "r129", "r138", "r234", "r235", "r237", "r462", "r674"] }, "us-gaap_InventoryRawMaterials": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryRawMaterials", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ScheduleofInventoriesTable": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofInventoriesTable"], "lang": { "en-us": { "role": { "terseLabel": "Raw materials", "label": "Inventory, Raw Materials, Gross", "documentation": "Amount before valuation and LIFO reserves of raw materials expected to be sold, or consumed within one year or 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Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income." } } }, "auth_ref": ["r979"] }, "prso_LeaseLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LeaseLiabilities", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable": { "parentTag": "prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable"], "lang": { "en-us": { "role": { "terseLabel": "Present value of lease liabilities", "documentation": "The amount of lease liabilities.", "label": "lease liabilities" } } }, "auth_ref": [] }, "prso_LeaseLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LeaseLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Short-term lease liabilities", "documentation": "Short-term lease liabilities.", "label": "Lease Liabilities Current" } } }, "auth_ref": [] }, "prso_LeaseLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LeaseLiabilitiesNoncurrent", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Long-term lease liabilities", "documentation": "Long-term lease liabilities.", "label": "Lease Liabilities Noncurrent" } } }, "auth_ref": [] }, "prso_LeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LeaseLiability", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofLeaseTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails", "http://www.PRSO.com/role/ScheduleofLeaseTable"], "lang": { "en-us": { "role": { "totalLabel": "Total lease liabilities", "terseLabel": "Lease liability", "documentation": "Amount of lease liability.", "label": "Lease Liability" } } }, "auth_ref": [] }, "us-gaap_LeasesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeasesAbstract", "lang": { "en-us": { "role": { "label": "Leases [Abstract]" } } }, "auth_ref": [] }, "dei_LegalEntityAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityAxis", "presentation": ["http://xbrl.sec.gov/dei/role/document/AuditInformation", "http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Legal Entity [Axis]", "documentation": "The set of legal entities associated with a report." } } }, "auth_ref": [] }, "dei_LegalEntityIdentifier": { "xbrltype": "legalEntityIdentifierItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityIdentifier", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Legal Entity Identifier", "documentation": "A globally unique ISO 17442 value to identify entities, commonly abbreviated as LEI." } } }, "auth_ref": ["r743"] }, "prso_LesseeOperatingAndFinancingLeaseLiabilityPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LesseeOperatingAndFinancingLeaseLiabilityPaymentsDueNextTwelveMonths", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable"], "lang": { "en-us": { "role": { "terseLabel": "2025", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating and financing 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).", "label": "Lessee Operating And Financing Lease Liability Payments Due Next Twelve Months" } } }, "auth_ref": [] }, "prso_LesseeOperatingAndFinancingLeaseLiabilityPaymentsReminderFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LesseeOperatingAndFinancingLeaseLiabilityPaymentsReminderFiscalYear", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable"], "lang": { "en-us": { "role": { "terseLabel": "2024", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating and financing 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).", "label": "Lessee Operating And Financing Lease Liability Payments Reminder Fiscal Year" } } }, "auth_ref": [] }, "us-gaap_LesseeOperatingLeaseDiscountRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseDiscountRate", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Percentage of lease assets and liabilities", "label": "Lessee, Operating Lease, Discount Rate", "documentation": "Discount rate used by lessee to determine present value of operating lease payments." } } }, "auth_ref": ["r703"] }, "us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityMaturityTableTextBlock", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Future Minimum Payments", "label": "Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block]", "documentation": "Tabular 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." } } }, "auth_ref": ["r980"] }, "prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LesseeOperatingandFinancingLeaseLiabilityPaymentsDue", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable"], "lang": { "en-us": { "role": { "totalLabel": "Total future lease payments", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating and financing 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).", "label": "Lessee Operatingand Financing Lease Liability Payments Due" } } }, "auth_ref": [] }, "prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDueYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LesseeOperatingandFinancingLeaseLiabilityPaymentsDueYearThree", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable"], "lang": { "en-us": { "role": { "terseLabel": "2027", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating and financing 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).", "label": "Lessee Operatingand Financing Lease Liability Payments Due Year Three" } } }, "auth_ref": [] }, "prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDueYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LesseeOperatingandFinancingLeaseLiabilityPaymentsDueYearTwo", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable"], "lang": { "en-us": { "role": { "terseLabel": "2026", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease and financing 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).", "label": "Lessee Operatingand Financing Lease Liability Payments

Due Year Two" } } }, "auth_ref": [] }, "prso_LesseeOperatingandFinancingLeaseLiabilityUndiscountedExcessAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LesseeOperatingandFinancingLeaseLiabilityUndiscountedExcessAmount", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable": { "parentTag": "prso_LesseeOperatingandFinancingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofFutureMinimumPaymentsTable"], "lang": { "en-us": { "role": { "negatedLabel": "Less: imputed interest", "documentation": "Amount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating and financing lease.", "label": "Lessee Operatingand Financing Lease Liability Undiscounted Excess Amount" } } }, "auth_ref": [] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet", "http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities", "terseLabel": "Total Liability", "label": "Liabilities", "documentation": "Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others." } } }, "auth_ref": ["r14", "r56", "r57", "r58", "r60", "r61", "r62", "r63", "r159", "r226", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r280", "r281", "r382", "r383", "r384", "r417", "r581", "r676", "r742", "r927", "r983", "r984"] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities and stockholders\u2019 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": ["r71", "r104", "r513", "r713", "r886", "r906", "r978"] }, "us-gaap_LiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "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": ["r58", "r128", "r159", "r226", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r280", "r281", "r382", "r383", "r384", "r417", "r713", "r927", "r983", "r984"] }, "us-gaap_LiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrentAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Current liabilities", "label": "Liabilities, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesOtherThanLongtermDebtNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesOtherThanLongtermDebtNoncurrent", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other long-term liabilities", "label": "Liabilities, Other than Long-Term Debt, Noncurrent", "documentation": "Aggregated carrying amounts of obligations as of the balance sheet date, excluding long-term debt, incurred as part of the normal operations that are expected to be paid after one year or beyond the normal operating cycle, if longer. Alternate captions include Total Deferred Credits and Other Liabilities." } } }, "auth_ref": [] }, "us-gaap_LiabilityMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilityMember", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Liability [Member]", "label": "Liability [Member]", "documentation": "Liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others." } } }, "auth_ref": [] }, "us-gaap_LicenseMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LicenseMember", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "License [Member]", "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": ["r932"] }, "prso_LicenseandAssetSaleTransactionDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LicenseandAssetSaleTransactionDetailsTable", "presentation": ["http://www.PRSO.com/role/LicenseandAssetSaleTransactionDetails"], "lang": { "en-us": { "role": { "label": "License and Asset Sale Transaction (Details) [Table]" } } }, "auth_ref": [] }, "us-gaap_LineOfCreditFacilityPeriodicPayment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityPeriodicPayment", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Credit against the rent payment", "label": "Line of Credit Facility, Periodic Payment", "documentation": "Amount of the required periodic payments of both interest and principal." } } }, "auth_ref": ["r55", "r59"] }, "prso_LiquidityAndGoingConcernPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LiquidityAndGoingConcernPolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Liquidity and Going Concern", "documentation": "The entire disclosure of accounting policies for liquidity and going concern.", "label": "Liquidity And Going Concern Policy Text Block" } } }, "auth_ref": [] }, "prso_LliabilityClassifiedWarrantsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "LliabilityClassifiedWarrantsMember", "presentation": ["http://www.PRSO.com/role/ScheduleofLiabilityClassifiedWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Lliability-Classified Warrants [Member]", "label": "Lliability Classified Warrants Member" } } }, "auth_ref": [] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LossContingenciesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesLineItems", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "label": "Commitments and Contingencies [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": ["r267", "r268", "r269", "r272", "r369", "r684", "r921", "r922"] }, "srt_MajorCustomersAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MajorCustomersAxis", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "label": "Customer [Axis]" } } }, "auth_ref": ["r218", "r690", "r724", "r729", "r931", "r993", "r994", "r995", "r997", "r998", "r999", "r1000", "r1001", "r1002", "r1003", "r1004", "r1005", "r1006", "r1007", "r1008", "r1009", "r1010", "r1011", "r1012", "r1013", "r1014", "r1015", "r1016", "r1017", "r1018", "r1019", "r1020", "r1021"] }, "prso_MarkhamLandlordMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "MarkhamLandlordMember", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Markham landlord [Member]", "label": "Markham Landlord Member" } } }, "auth_ref": [] }, "srt_MaximumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": ["http://www.PRSO.com/role/EquityDetails", "http://www.PRSO.com/role/ScheduleofSignificantRangesofOutstandingandExercisableOptionsTable", "http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Maximum [Member]", "label": "Maximum [Member]" } } }, "auth_ref": ["r268", "r269", "r270", "r271", "r323", "r369", "r400", "r460", "r539", "r540", "r546", "r573", "r574", "r632", "r634", "r636", "r637", "r643", "r663", "r664", "r681", "r687", "r694", "r699", "r700", "r701", "r702", "r725", "r929", "r985", "r986", "r987", "r988", "r989", "r990"] }, "ecd_MeasureAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MeasureAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Measure [Axis]", "terseLabel": "Measure:" } } }, "auth_ref": ["r812"] }, "ecd_MeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MeasureName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "label": "Measure Name", "terseLabel": "Name" } } }, "auth_ref": ["r812"] }, "us-gaap_MeasurementInputExpectedDividendRateMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputExpectedDividendRateMember", "presentation": ["http://www.PRSO.com/role/ScheduleofBlackScholesModelTable"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Input, Expected Dividend Rate [Member]", "label": "Measurement Input, Expected Dividend Rate [Member]", "documentation": "Measurement input using expected dividend rate to be paid to holder of share per year." } } }, "auth_ref": ["r967", "r968", "r969"] }, "us-gaap_MeasurementInputExpectedTermMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MeasurementInputExpectedTermMember", "presentation": ["http://www.PRSO.com/role/ScheduleofBlackScholesModelTable"], "lang": { "en-us": { "role": { "terseLabel": "Measurement Input, Expected Term [Member]", "label": "Measurement Input, Expected Term [Member]", "documentation": "Measurement input using period financial instrument is expected to be outstanding. 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"r990"] }, "ecd_MnpiDiscTimedForCompValFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MnpiDiscTimedForCompValFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "label": "MNPI Disclosure Timed for Compensation Value [Flag]", "terseLabel": "MNPI Disclosure Timed for Compensation Value" } } }, "auth_ref": ["r832"] }, "us-gaap_MoneyMarketFundsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MoneyMarketFundsAtCarryingValue", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/ScheduleofAssetsandLiabilitiesMeasuredatFairValueonaRecurringBasisTable"], "lang": { "en-us": { "role": { "terseLabel": "Money market funds", "label": "Money Market Funds, at Carrying Value", "documentation": "Investment in short-term money-market instruments (such as commercial paper, banker's acceptances, repurchase agreements, government securities, certificates of deposit, and so forth) which are highly liquid (that is, readily convertible to known amounts of cash) and so near their maturity that they present an insignificant risk of changes in value because of changes in interest rates. Generally, only investments with original maturities of three months or less qualify as cash equivalents by definition. Original maturity means an original maturity to the entity holding the investment. For example, both a three-month US Treasury bill and a three-year Treasury note purchased three months from maturity qualify as cash equivalents. However, a Treasury note purchased three-years ago does not become a cash equivalent when its remaining maturity is three months." } } }, "auth_ref": [] }, "ecd_MtrlTermsOfTrdArrTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MtrlTermsOfTrdArrTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Material Terms of Trading Arrangement [Text Block]", "terseLabel": "Material Terms of Trading Arrangement" } } }, "auth_ref": ["r840"] }, "dei_NameChangeEventDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "NameChangeEventDateAxis", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "Name Change Event Date [Axis]", "documentation": "For a sequence of name change event related facts, use this typed dimension to distinguish them. 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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": ["r116"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "totalLabel": "Net cash provided by financing activities", "label": "Net Cash Provided by (Used in) Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit." } } }, "auth_ref": ["r155"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "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.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "totalLabel": "Net cash provided by 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": ["r155"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "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.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "totalLabel": "Net cash 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": ["r82", "r83", "r85"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "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.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 1.0 }, "http://www.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow", "http://www.PRSO.com/role/ConsolidatedIncomeStatement", "http://www.PRSO.com/role/ShareholdersEquityType2or3", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "totalLabel": "Net loss", "verboseLabel": "Net loss", "label": "Net Income (Loss)", "terseLabel": "Net Income (Loss)", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": ["r77", "r85", "r105", "r126", "r143", "r145", "r149", "r159", "r164", "r166", "r167", "r168", "r169", "r170", "r173", "r174", "r180", "r226", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r280", "r281", "r377", "r380", "r394", "r417", "r516", "r603", "r622", "r623", "r740", "r927"] }, "us-gaap_NetInvestmentInLeaseAllowanceForCreditLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetInvestmentInLeaseAllowanceForCreditLoss", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net losses", "label": "Net Investment in Lease, Allowance for Credit Loss", "documentation": "Amount of allowance for credit loss on net investment in sales-type and direct financing leases." } } }, "auth_ref": ["r229", "r230", "r232"] }, "prso_NetProceedsFromCommonStockAndWarrants": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "NetProceedsFromCommonStockAndWarrants", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net proceeds from common stock and warrants", "documentation": "Common stock and warrants for net proceeds.", "label": "Net Proceeds From Common Stock And Warrants" } } }, "auth_ref": [] }, "us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsPolicyPolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Recently Issued Accounting Pronouncements", "label": "New Accounting Pronouncements, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact." } } }, "auth_ref": [] }, "dei_NewEffectiveDateForPreviousFiling": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "NewEffectiveDateForPreviousFiling", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "New Effective Date for Previous Filing" } } }, "auth_ref": ["r783", "r784", "r785", "r786"] }, "dei_NoSubstantiveChanges462c": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "NoSubstantiveChanges462c", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "No Substantive Changes, 462(c)" } } }, "auth_ref": ["r857"] }, "dei_NoSubstantiveChanges462cFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "NoSubstantiveChanges462cFileNumber", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "No Substantive Changes, 462(c), File Number" } } }, "auth_ref": ["r857"] }, "dei_NoTradingSymbolFlag": { "xbrltype": "trueItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "NoTradingSymbolFlag", "presentation": ["http://xbrl.sec.gov/dei/role/document/Cover"], "lang": { "en-us": { "role": { "label": "No Trading Symbol Flag", "documentation": "Boolean flag that is true only for a security having no trading symbol." } } }, "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": { "label": "Non-GAAP Measure Description [Text Block]", "terseLabel": "Non-GAAP Measure Description" } } }, "auth_ref": ["r812"] }, "ecd_NonNeosMember": { "xbrltype": "domainItemType", 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Compensation Amount", "terseLabel": "Non-PEO NEO Average Total Compensation Amount" } } }, "auth_ref": ["r802"] }, "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": { "label": "Non-PEO NEO [Member]", "terseLabel": "Non-PEO NEO" } } }, "auth_ref": ["r820"] }, "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": { "label": "Non-Rule 10b5-1 Arrangement Adopted [Flag]", "terseLabel": "Non-Rule 10b5-1 Arrangement Adopted" } } }, "auth_ref": ["r840"] }, "prso_NonRule10b51ArrModifiedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "NonRule10b51ArrModifiedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Non-Rule 10b5-1 Arrangement Modified", "label": "Non Rule10b51 Arr Modified Flag" } } }, "auth_ref": [] }, "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": { "label": "Non-Rule 10b5-1 Arrangement Terminated [Flag]", "terseLabel": "Non-Rule 10b5-1 Arrangement Terminated" } } }, "auth_ref": ["r840"] }, "us-gaap_NoncashInvestingAndFinancingItemsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncashInvestingAndFinancingItemsAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Noncash investing and financing activities:", "label": "Noncash Investing and Financing 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"Identifies the nature of the nonmonetary transaction or group of similar transactions, such as a barter or exchange." } } }, "auth_ref": ["r438", "r439", "r705", "r706", "r707", "r708", "r709", "r710", "r711", "r712"] }, "us-gaap_NonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonoperatingIncomeExpense", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_NetIncomeLoss", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Other income (expense), net", "label": "Nonoperating Income (Expense)", "documentation": "The aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business)." } } }, "auth_ref": ["r80"] }, 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An operating segment is a component of an enterprise: (a) that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the same enterprise), (b) whose operating results are regularly reviewed by the enterprise's chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance, and (c) for which discrete financial information is available. An operating segment may engage in business activities for which it has yet to earn revenues, for example, start-up operations may be operating segments before earning revenues." } } }, "auth_ref": ["r680", "r895"] }, "prso_NumberOfSharesRSUsCancelledAndReturnedToThePlansinDollarsPerShare": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "NumberOfSharesRSUsCancelledAndReturnedToThePlansinDollarsPerShare", "presentation": ["http://www.PRSO.com/role/ScheduleofOptionsOutstandingTable"], "lang": {

"en-us": { "role": { "terseLabel": "Number of Shares, RSUs cancelled and returned to the Plans", "documentation": "Number of shares, RSUs cancelled and returned to the plans.", "label": "Number Of Shares RSUs Cancelled And Returned To The Plansin Dollars Per Share" } } }, "auth_ref": [] }, "prso_NumberOfWarrantsOnCommonSharesChangeInFairValueOfWarrants": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "NumberOfWarrantsOnCommonSharesChangeInFairValueOfWarrants", "presentation": ["http://www.PRSO.com/role/ScheduleofFairValueofWarrantsTable"], "lang": { "en-us": { "role": { "terseLabel": "Change in fair value of warrants, Number of Shares", "documentation": "Number of warrants on common shares, change in fair value of warrants.", "label": "Number Of Warrants On Common Shares Change In Fair Value Of Warrants" } } }, "auth_ref": [] }, "us-gaap_OperatingExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpenses", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "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.PRSO.com/role/ConsolidatedIncomeStatement"], "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.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_NetIncomeLoss", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "totalLabel": "Loss from operations", "label": "Operating Income (Loss)", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": ["r108", "r677", "r894", "r896", "r897", "r898", "r899"] }, "us-gaap_OperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiability", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofLeaseTable": { "parentTag": "prso_LeaseLiability", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofLeaseTable"], "lang": { "en-us": { "role": { "terseLabel": "Operating leases", "label": "Operating Lease, Liability", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease." } } }, "auth_ref": ["r428"] }, "us-gaap_OperatingLeaseLiabilityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityAbstract", "presentation": ["http://www.PRSO.com/role/ScheduleofLeaseTable"], "lang": { "en-us": { "role": { "terseLabel": "Lease liabilities:", "label": "Operating Lease, Liability [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OperatingLeaseLiabilityStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityStatementOfFinancialPositionExtensibleList", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Liability, Statement of Financial Position [Extensible Enumeration]", "label": "Operating Lease, Liability, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates line item in statement of financial position that includes operating lease liability." } } }, "auth_ref": ["r429"] }, "us-gaap_OperatingLeasePayments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeasePayments", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ScheduleofLeaseTable"], "lang": { "en-us": { "role": { "terseLabel": "Operating cash flows for leases", "label": "Operating Lease, Payments", "documentation": "Amount of cash outflow from operating lease, excluding payments to bring another asset to condition and location necessary for its intended use." } } }, "auth_ref": ["r431", "r433"] }, "us-gaap_OperatingLeaseRightOfUseAsset": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseRightOfUseAsset", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ScheduleofLeaseTable": { "parentTag": "prso_RightofuseAssets", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails", "http://www.PRSO.com/role/ScheduleofLeaseTable"], "lang": { "en-us": { "role": { "terseLabel": "Operating leases", "verboseLabel": "Recognition of right-of-use asset", "label": "Operating Lease, Right-of-Use Asset", 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Preferred shares typically represent an ownership interest in the company." } } }, "auth_ref": ["r732", "r733", "r736", "r737", "r738", "r739", "r1022", "r1024"] }, "us-gaap_PreferredStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockParOrStatedValuePerShare", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock, par value (in Dollars per share)", "label": "Preferred Stock, Par or Stated Value Per Share", "documentation": "Face amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer." } } }, "auth_ref": ["r64", "r284"] }, "us-gaap_PreferredStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesAuthorized", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock, shares authorized", "label": "Preferred Stock, Shares Authorized", "documentation": "The maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": ["r64", "r583"] }, "us-gaap_PreferredStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesIssued", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock, shares issued", "label": "Preferred Stock, Shares Issued", "documentation": "Number of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt." } } }, "auth_ref": ["r64", "r284"] }, "us-gaap_PreferredStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesOutstanding", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals"], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock, shares outstanding", "label": "Preferred Stock, Shares Outstanding", "documentation": "Aggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased." } } }, "auth_ref": ["r64", "r583", "r601", "r1024", "r1025"] }, "us-gaap_PreferredStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockValue", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock, value", "label": "Preferred Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r64", "r509", "r713"] }, "prso_PrefundedWarrantsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "PrefundedWarrantsMember", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Pre-funded Warrants [Member]", "label": "Prefunded Warrants Member" } } }, "auth_ref": [] }, "prso_Prefundedwarrantsexercised": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "Prefundedwarrantsexercised", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Number of Shares, Pre-funded warrants exercised", "documentation": "Number of Shares, Pre-funded warrants exercised.", "label": "Prefundedwarrantsexercised" } } }, "auth_ref": [] }, "prso_Prefundedwarrantsissued": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "Prefundedwarrantsissued", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Number of Shares, Pre-funded warrants issued", "documentation": "Number of Shares, Pre-funded warrants issued.", "label": "Prefundedwarrantsissued" } } }, "auth_ref": [] }, "prso_PrefundedwarrantsissuedExercisePrice": { "xbrltype": "perShareItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "PrefundedwarrantsissuedExercisePrice", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Exercise Price, Pre-funded warrants issued (in Dollars per share)", "documentation": "Exercise Price, Pre-funded warrants issued.", 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warrants, net", "verboseLabel": "Aggregate proceeds of common stock (in Dollars)", "label": "Proceeds from Issuance of Common Stock", "documentation": "The cash inflow from the additional capital contribution to the entity." } } }, "auth_ref": ["r3"] }, "us-gaap_ProceedsFromIssuanceOfWarrants": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfWarrants", "crdr": "debit", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from warrants (in Dollars)", "label": "Proceeds from Issuance of Warrants", "documentation": "The cash inflow from issuance of rights to purchase common shares at predetermined price (usually issued together with corporate debt)." } } }, "auth_ref": ["r3"] }, "us-gaap_ProceedsFromSaleAndMaturityOfMarketableSecurities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": 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"en-us": { "role": { "terseLabel": "Product", "verboseLabel": "Product category [Member]", "label": "Product [Member]", "documentation": "Article or substance produced by nature, labor or machinery." } } }, "auth_ref": ["r688"] }, "srt_ProductOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductOrServiceAxis", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails", "http://www.PRSO.com/role/ConsolidatedIncomeStatement", "http://www.PRSO.com/role/ScheduleofBreakdownofProductRevenuebyCategoryTable"], "lang": { "en-us": { "role": { "label": "Product and Service [Axis]" } } }, "auth_ref": ["r215", "r466", "r532", "r533", "r534", "r535", "r536", "r537", "r538", "r668", "r688", "r723", "r725", "r726", "r730", "r731", "r923", "r924", "r931", "r993", "r994", "r995", "r996", "r997", "r998", "r999", "r1000", "r1001", "r1002", "r1003", "r1004", "r1005", "r1006", "r1007", "r1008", "r1009", "r1010", "r1011", "r1012", 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Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r7", "r435", "r504", "r515", "r713"] }, "us-gaap_ProvisionForDoubtfulAccounts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProvisionForDoubtfulAccounts", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Allowance for bad debt", "label": "Accounts Receivable, Credit Loss Expense (Reversal)", "documentation": "Amount of expense (reversal of expense) for expected credit loss on accounts receivable." } } }, "auth_ref": ["r153", "r231"] }, "prso_PurchaseAgreementMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", 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"terseLabel": "Pay vs Performance Disclosure" } } }, "auth_ref": ["r801"] }, "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": { "label": "Pay vs Performance [Table Text Block]", "terseLabel": "Pay vs Performance Disclosure, Table" } } }, "auth_ref": ["r801"] }, "srt_RangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": ["http://www.PRSO.com/role/EquityDetails", "http://www.PRSO.com/role/ScheduleofSignificantRangesofOutstandingandExercisableOptionsTable", "http://www.PRSO.com/role/StockBasedCompensationDetails", "http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "label": "Statistical Measurement [Axis]" } } }, "auth_ref": ["r268", "r269", "r270", "r271", "r315", "r323", "r355", "r356", "r357", "r369", "r400", "r453", "r454", "r460", "r539", "r540", "r546", "r573", "r574", "r632", "r634", "r636", "r637", "r643", "r663", "r664", "r681", "r687", "r694", "r699", "r700", "r701", "r702", "r725", "r734", "r919", "r929", "r968", "r986", "r987", "r988", "r989", "r990"] }, "srt_RangeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": ["http://www.PRSO.com/role/EquityDetails", "http://www.PRSO.com/role/ScheduleofSignificantRangesofOutstandingandExercisableOptionsTable", "http://www.PRSO.com/role/StockBasedCompensationDetails", "http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "label": "Statistical Measurement [Domain]" } } }, "auth_ref": ["r268", "r269", "r270", "r271", "r315", "r323", "r355", "r356", "r357", "r369", "r400", "r453", "r454", "r460", "r539", "r540", "r546", "r573", "r574", "r632", "r634", "r636", "r637", "r643", "r663", "r664", "r681", "r687", "r694", "r699", "r700", "r701", "r702", "r725", "r734", "r919", "r929", "r968", "r986", "r987", "r988", "r989", "r990"] }, "us-gaap_RecordedUnconditionalPurchaseObligationAmountOfMaturitiesAndSinkingFundRequirements": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RecordedUnconditionalPurchaseObligationAmountOfMaturitiesAndSinkingFundRequirements", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Related expenditures", "label": "Recorded Unconditional Purchase Obligation, Amount of Maturities and Sinking Fund Requirements", "documentation": "States the combined aggregate amount of maturities and sinking fund requirements for a long-term unconditional purchase obligation that has been recognized on the balance sheet." } } }, "auth_ref": ["r8"] }, "ecd_RecoveryOfErrCompDisclosureLineItems": { "xbrltype": 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Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r219", "r322", "r444", "r445", "r507", "r514", "r576", "r577", "r578", "r579", "r580", "r600", "r602", "r631"] }, "us-gaap_RelatedPartyTransactionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionAxis", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "label": "Related Party Transaction [Axis]", "documentation": "Information by type of related party transaction." } } }, "auth_ref": ["r444", "r445", "r982"] }, "us-gaap_RelatedPartyTransactionDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionDomain", "presentation": ["http://www.PRSO.com/role/CommitmentsandContingenciesDetails"], "lang": { "en-us": { "role": { "label": "Related Party Transaction [Domain]", "documentation": "Transaction between related party." } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsAbstract", "lang": { "en-us": { "role": { "label": "Related Party Transactions [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsByRelatedPartyAxis", "presentation": ["http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesDetails"], "lang": { "en-us": { "role": { "label": "Related and Nonrelated Parties [Axis]", "documentation": "Information by related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": ["r219", "r322", "r444", "r445", "r507", "r514", "r576", "r577", "r578", "r579", "r580", "r600", "r602", "r631", "r982"] }, "us-gaap_RelatedPartyTransactionsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsDisclosureTextBlock", "presentation": ["http://www.PRSO.com/role/RelatedPartyTransactions"], "lang": { "en-us": { "role": { "terseLabel": "Related Party Transactions", "label": "Related Party Transactions Disclosure [Text Block]", "documentation": "The entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates." } } }, "auth_ref": ["r441", "r442", "r443", "r445", "r446", "r554", "r555", "r556", "r607", "r608", "r609", "r628", "r630"] }, "us-gaap_ResearchAndDevelopmentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentAbstract", "lang": { "en-us": { "role": { "label": "Severance and Software License Obligations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ResearchAndDevelopmentExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchAndDevelopmentExpense", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "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": ["r370", "r666", "r679", "r991"] }, "us-gaap_ResearchDevelopmentAndComputerSoftwareDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ResearchDevelopmentAndComputerSoftwareDisclosureTextBlock", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligations"], "lang": { "en-us": { "role": { "terseLabel": "Severance and Software License Obligations", "label": "Research, Development, and Computer Software Disclosure [Text Block]", "documentation": "The entire disclosure for research, development, and computer software activities, including contracts and arrangements to be performed for others and with federal government. Includes costs incurred (1) in a planned search or critical investigation aimed at discovery of new knowledge with the hope that such knowledge will be useful in developing a new product or service, a new process or technique, or in bringing about a significant improvement to an existing product or process; or (2) to translate research findings or other knowledge into a plan or design for a new product or process or for a significant improvement to an existing product or process whether intended for sale or the entity's use, during the reporting period charged to research and development projects, including the costs of developing computer software up to the point in time of achieving technological feasibility and in-process research and development acquired in a business combination consummated during the period." } } }, "auth_ref": ["r371", "r665"] }, "prso_RestOfWorldMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "RestOfWorldMember", "presentation": ["http://www.PRSO.com/role/ScheduleofCompanyRecognizedRevenueTable"], "lang": { "en-us": { "role": { "terseLabel": "Rest of world [Member]", "label": "Rest Of World

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Includes, but is not limited to, retained earnings not appropriated for specific business purpose." } } }, "auth_ref": ["r67", "r158", "r511"] }, "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_GrossProfit", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Total net 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": ["r106", "r107", "r187", "r193", "r194", "r207", "r212", "r215", "r216", "r218", "r311", "r312", "r466"] }, "us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerIncludingAssessedTax", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ScheduleofBreakdownofProductRevenuebyCategoryTable"], "lang": { "en-us": { "role": { "terseLabel": "Product category", "label": "Revenue from Contract with Customer, Including Assessed Tax", "documentation": "Amount, including 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": ["r106", "r107", "r187", "r193", "r194", "r207", "r212", "r215", "r216", "r218", "r311", "r312", "r466"] }, "us-gaap_RevenueFromContractWithCustomerPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerPolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Revenue Recognition", "label": "Revenue from Contract with Customer [Policy Text Block]", "documentation": "Disclosure of accounting policy for revenue from contract with customer." } } }, "auth_ref": ["r122", "r303", "r304", "r305", "r306", "r307", "r308", "r309", "r310", "r667"] }, "us-gaap_RevenueFromExternalCustomersByGeographicAreasTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromExternalCustomersByGeographicAreasTableTextBlock", "presentation": ["http://www.PRSO.com/role/BusinessSegmentsConcentrationofCreditRiskandSignificantCustomersTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Company Recognized Revenue", "label": "Revenue from External Customers by Geographic Areas [Table Text Block]", "documentation": "Tabular disclosure of revenue from external customers by geographic areas attributed to the entity's country of domicile and to foreign countries from which the entity derives revenue." } } }, "auth_ref": ["r88"] }, "us-gaap_Revenues": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Revenues", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/ScheduleofCompanyRecognizedRevenueTable"], "lang": { "en-us": { "role": { "terseLabel": "Total net revenue", "label": "Revenues", "documentation": "Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss)." } } }, "auth_ref": ["r106", "r107", "r150", "r159", "r187", "r193", "r194", "r207", "r212", "r215", "r216", "r218", "r226", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r280", "r281", "r417", "r503", "r679", "r927"] }, "us-gaap_RevenuesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenuesAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Net revenue", "label": "Revenues [Abstract]" } } }, "auth_ref": [] }, "prso_RightofuseAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "RightofuseAssets", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ScheduleofLeaseTable": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.PRSO.com/role/ScheduleofLeaseTable"], "lang": { "en-us": { "role": { "totalLabel": "Total right-of-use assets", "documentation": "Right-of-use assets.", "label": "Rightofuse Assets" } } }, "auth_ref": [] }, "prso_RightofuseLeaseAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "RightofuseLeaseAssets", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedBalanceSheet": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Right-of-use lease assets", "documentation": "Right-of-use lease assets.", "label": "right-of-use assets" } } }, "auth_ref": [] }, "us-gaap_RisksAndUncertaintiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RisksAndUncertaintiesAbstract", "lang": { "en-us": { "role": { "label": "Business Segments, Concentration of Credit Risk and Significant Customers [Abstract]" } } }, "auth_ref": [] }, "prso_RisksAndUncertaintiesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "RisksAndUncertaintiesPolicyTextBlock", "presentation": ["http://www.PRSO.com/role/AccountingPoliciesByPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Risks and Uncertainties", "documentation": "Risks and Uncertainties Policies Text Block.", "label": "Risks And Uncertainties Policy Text Block" } } }, "auth_ref": [] }, "prso_RoyaltyAndOtherMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "RoyaltyAndOtherMember", "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "lang": { "en-us": { "role": { "terseLabel": "Royalty and Other", "label": "Royalty And Other Member" } } }, "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": { "label": "Rule 10b5-1 Arrangement Adopted [Flag]", "terseLabel": "Rule 10b5-1 Arrangement Adopted" } } }, "auth_ref": ["r840"] }, "prso_Rule10b51ArrModifiedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "Rule10b51ArrModifiedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "terseLabel": "Rule 10b5-1 Arrangement Modified", "label": "Rule10b51 Arr Modified Flag" } } }, "auth_ref": [] }, "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": { "label": "Rule 10b5-1 Arrangement Terminated [Flag]", "terseLabel": "Rule 10b5-1 Arrangement Terminated" } } }, "auth_ref": ["r840"] }, "us-gaap_SaleAndLeasebackTransactionGainLossNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SaleAndLeasebackTransactionGainLossNet", "crdr": "credit", "presentation": ["http://www.PRSO.com/role/LicenseandAssetSaleTransactionDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gain on this transaction", "label": "Sale and Leaseback Transaction, Gain (Loss), Net", "documentation": "Amount of gain (loss) on sale and leaseback transaction from transfer of asset accounted for as sale." } } }, "auth_ref": ["r432", "r437", "r704"] }, "us-gaap_SaleLeasebackTransactionLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SaleLeasebackTransactionLineItems", "presentation": ["http://www.PRSO.com/role/LicenseandAssetSaleTransactionDetails"], "lang": { "en-us": { "role": { "label": "License and Asset Sale Transaction [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": ["r115", "r436"] }, "us-gaap_SaleOfStockPricePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SaleOfStockPricePerShare", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Price per share (in Dollars per share)", "label": "Sale of Stock, Price Per Share", "documentation": "Per share amount received by subsidiary or equity investee for each share of common stock issued or sold in the stock transaction." } } }, "auth_ref": [] }, "us-gaap_SalesRevenueNetMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SalesRevenueNetMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Revenue Benchmark [Member]", "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": ["r218", "r868"] }, "srt_ScenarioForecastMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ScenarioForecastMember", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forecast [Member]", "label": "Forecast [Member]" } } }, "auth_ref": ["r324", "r891"] }, "srt_ScenarioUnspecifiedDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ScenarioUnspecifiedDomain", "presentation": ["http://www.PRSO.com/role/ScheduleofDeterminationofFairValueforitsFinancialAssetsTable", "http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "label": "Scenario [Domain]" } } 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Per Share", "label": "Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block]", "documentation": "Tabular disclosure of securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) in the future that were not included in the computation of diluted EPS because to do so would increase EPS amounts or decrease loss per share amounts for the period presented, by antidilutive securities." } } }, "auth_ref": ["r23"] }, "prso_ScheduleOfAssetsAndLiabilitiesMeasuredAtFairValueOnARecurringBasisAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfAssetsAndLiabilitiesMeasuredAtFairValueOnARecurringBasisAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Assets And Liabilities Measured At Fair Value On ARecurring Basis Abstract" } } }, "auth_ref": [] }, "prso_ScheduleOfBlackScholesModelAbstract": { "xbrltype": 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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": ["r965", "r966"] }, "prso_ScheduleOfFairValueOfWarrantsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfFairValueOfWarrantsAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Fair Value Of Warrants Abstract" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfFiniteLivedIntangibleAssetsTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfFiniteLivedIntangibleAssetsTable", "presentation": ["http://www.PRSO.com/role/ScheduleofIntangibleAssetsTable"], "lang": { "en-us": { "role": { "label": "Intangible Asset, Finite-Lived [Table]", "documentation": "Disclosure of information about finite-lived intangible asset. Excludes indefinite-lived intangible asset." } } }, "auth_ref": ["r248", "r255", "r258", "r259", "r260", "r467", "r666", "r683"] }, "us-gaap_ScheduleOfFiniteLivedIntangibleAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfFiniteLivedIntangibleAssetsTableTextBlock", "presentation": ["http://www.PRSO.com/role/TheCompanyandSummaryofSignificantAccountingPoliciesTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Intangible Assets", "label": "Schedule of Finite-Lived Intangible Assets [Table Text Block]", "documentation": "Tabular disclosure of assets, excluding financial assets and goodwill, lacking physical substance with a finite life, by either major class or business segment." } } }, "auth_ref": ["r683", "r913"] }, "prso_ScheduleOfIntangibleAssetsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfIntangibleAssetsAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Intangible Assets Abstract" } } }, "auth_ref": [] }, "prso_ScheduleOfInventoriesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfInventoriesAbstract", "lang": { "en-us": { "role": { "label": "Schedule of Inventories [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfInventoryCurrentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInventoryCurrentTableTextBlock", "presentation": ["http://www.PRSO.com/role/BalanceSheetDetailTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Inventories", "label": "Schedule of Inventory, Current [Table Text Block]", "documentation": "Tabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process." } } }, "auth_ref": ["r15", "r72", "r73", "r74"] }, "prso_ScheduleOfLeaseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfLeaseAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Lease Abstract" } } }, "auth_ref": [] }, "prso_ScheduleOfLiabilityClassifiedWarrantsOutstandingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfLiabilityClassifiedWarrantsOutstandingAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Liability Classified Warrants Outstanding Abstract" } } }, "auth_ref": [] }, "prso_ScheduleOfOptionsOutstandingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfOptionsOutstandingAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Options Outstanding Abstract" } } }, "auth_ref": [] }, "prso_ScheduleOfRsuActivityUnderPlansAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfRsuActivityUnderPlansAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Rsu Activity Under Plans Abstract" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTable", "presentation": ["http://www.PRSO.com/role/ScheduleofBreakdownofProductRevenuebyCategoryTable"], "lang": { "en-us": { "role": { "label": "Schedule of Segment Reporting Information, by Segment [Table]", "documentation": "Disclosure of information about profit (loss) and total assets by reportable segment." } } }, "auth_ref": ["r32", "r33", "r34"] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTextBlock", "presentation": ["http://www.PRSO.com/role/BusinessSegmentsConcentrationofCreditRiskandSignificantCustomersTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Breakdown of Product Revenue by Category", "label": "Schedule of Segment Reporting Information, by Segment [Table Text Block]", "documentation": "Tabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss." } } }, "auth_ref": ["r32", "r33", "r34"] }, "us-gaap_ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationRestrictedStockUnitsAwardActivityTableTextBlock", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of RSU Activity Under Plans", "label": "Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block]", "documentation": "Tabular disclosure of the number and weighted-average grant date fair value for restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock units that were granted, vested, or forfeited during the year." } } }, "auth_ref": ["r93"] }, "us-gaap_ScheduleOfShareBasedCompensationSharesAuthorizedUnderStockOptionPlansByExercisePriceRangeTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationSharesAuthorizedUnderStockOptionPlansByExercisePriceRangeTable", "presentation": ["http://www.PRSO.com/role/ScheduleofSignificantRangesofOutstandingandExercisableOptionsTable"], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Option, Exercise Price Range [Table]", "documentation": "Disclosure of information about share-based payment arrangement by range of exercise prices." } } }, "auth_ref": ["r38"] }, "us-gaap_ScheduleOfShareBasedCompensationSharesAuthorizedUnderStockOptionPlansByExercisePriceRangeTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationSharesAuthorizedUnderStockOptionPlansByExercisePriceRangeTextBlock", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Significant Ranges of Outstanding and Exercisable Options", "label": "Share-Based Payment Arrangement, Option, Exercise Price Range [Table Text Block]", "documentation": "Tabular disclosure of option exercise prices, by grouped ranges, including the upper and lower limits of the price range, the number of shares under option, weighted average exercise price and remaining contractual option terms." } } }, "auth_ref": ["r38"] }, "us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Options Outstanding", "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": ["r12", "r13", "r93"] }, "prso_ScheduleOfSignificantRangesOfOutstandingAndExercisableOptionsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ScheduleOfSignificantRangesOfOutstandingAndExercisableOptionsAbstract", "lang": { "en-us": { "role": { "label": "Schedule Of Significant Ranges Of Outstanding And Exercisable Options Abstract" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfStockholdersEquityNoteWarrantsOrRightsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfStockholdersEquityNoteWarrantsOrRightsTextBlock", "presentation": ["http://www.PRSO.com/role/EquityTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Equity-Classified Common Stock Purchase Warrants Outstanding", "label": "Schedule of Stockholders' Equity Note, Warrants or Rights [Table Text Block]", "documentation": "Tabular disclosure of warrants or rights issued. Warrants and rights outstanding are derivative securities that give the holder the right to purchase securities (usually equity) from the issuer at a specific price within a certain time frame. Warrants are often included in a new debt issue to entice investors by a higher return potential. The main difference between warrants and call options is that warrants are issued and guaranteed by the company, whereas options are exchange instruments and are not issued by the company. Also, the lifetime of a warrant is often measured in years, while the lifetime of a typical option is measured in months. Disclose the title of issue of securities called for by warrants and rights outstanding, the aggregate amount of securities called for by warrants and rights outstanding, the date from which the warrants or rights are exercisable, and the price at which the warrant or right is exercisable." } } }, "auth_ref": ["r37"] }, "us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SchedulesOfConcentrationOfRiskByRiskFactorTextBlock", "presentation": ["http://www.PRSO.com/role/BusinessSegmentsConcentrationofCreditRiskandSignificantCustomersTables"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Concentration of Credit Risk", "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": 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and incur expenses, including transactions with other components of the same entity." } } }, "auth_ref": ["r106", "r107", "r108", "r109", "r187", "r191", "r192", "r193", "r194", "r195", "r196", "r197", "r198", "r199", "r200", "r201", "r202", "r203", "r204", "r205", "r206", "r207", "r208", "r209", "r210", "r211", "r212", "r213", "r214", "r218", "r239", "r240", "r241", "r242", "r243", "r244", "r245", "r246", "r247", "r260", "r263", "r264", "r521", "r522", "r523", "r524", "r525", "r526", "r527", "r528", "r529", "r530", "r531", "r678", "r679", "r680", "r682", "r728", "r993", "r994", "r995", "r996", "r997", "r998", "r999", "r1000", "r1001", "r1002", "r1003", "r1004", "r1005", "r1006", "r1007", "r1008", "r1009", "r1010", "r1011", "r1012", "r1013", "r1014", "r1015", "r1016", "r1017", "r1018", "r1019", "r1020", "r1021"] }, "srt_SegmentGeographicalDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "SegmentGeographicalDomain", "presentation": 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"http://fasb.org/us-gaap/2024", "localname": "SegmentReportingAbstract", "lang": { "en-us": { "role": { "label": "Segment Reporting [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedIncomeStatement": { "parentTag": "us-gaap_OperatingExpenses", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedIncomeStatement"], "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": ["r79"] }, "prso_SeriesACommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesACommonStockMember", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Series A Common Stock [Member]", "label": "Series ACommon Stock Member" } } }, "auth_ref": [] }, "us-gaap_SeriesAPreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeriesAPreferredStockMember", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet", "http://www.PRSO.com/role/ConsolidatedBalanceSheet_Parentheticals", "http://www.PRSO.com/role/ShareholdersEquityType2or3"], "lang": { "en-us": { "role": { "terseLabel": "Series A Special Voting Preferred Stock", "verboseLabel": "Preferred Stock", "label": "Series A Preferred Stock [Member]", "documentation": "Series A preferred stock." } } }, "auth_ref": ["r873", "r874", "r930"] }, "prso_SeriesAWarrantsAndSeriesBWarrantsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesAWarrantsAndSeriesBWarrantsMember", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Series A warrants and Series B warrants [Member]", "label": "Series AWarrants And Series BWarrants Member" } } }, "auth_ref": [] }, "prso_SeriesAWarrantsIssuedMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesAWarrantsIssuedMember", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Series A warrants issued [Member]", "label": "Series AWarrants Issued Member" } } }, "auth_ref": [] }, "prso_SeriesAWarrantsIssuedOneMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesAWarrantsIssuedOneMember", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Series A warrants issued [Member]", "label": "Series AWarrants Issued One Member" } } }, "auth_ref": [] }, "prso_SeriesAWarrantsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesAWarrantsMember", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Series A Warrants [Member]", "label": "Series AWarrants Member" } } }, "auth_ref": [] }, "prso_SeriesBCommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesBCommonStockMember", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Series B Common Stock [Member]", "label": "Series BCommon Stock Member" } } }, "auth_ref": [] }, "prso_SeriesBWarrantsIssuedMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesBWarrantsIssuedMember", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Series B warrants issued [Member]", "label": "Series BWarrants Issued Member" } } }, "auth_ref": [] }, "prso_SeriesBWarrantsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesBWarrantsMember", "presentation": ["http://www.PRSO.com/role/EquityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Series B Warrants [Member]", "label": "Series BWarrants Member" } } }, "auth_ref": [] }, "prso_SeriesWarrantIssued": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeriesWarrantIssued", "presentation": ["http://www.PRSO.com/role/ScheduleofEquityClassifiedCommonStockPurchaseWarrantsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Number of Shares, warrants issued", "documentation": "Number of Shares, warrants issued.", "label": "Series Warrant Issued" } } }, "auth_ref": [] }, "us-gaap_ServicingAssetsAtFairValueLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ServicingAssetsAtFairValueLineItems", "presentation": ["http://www.PRSO.com/role/ScheduleofDeterminationofFairValueforitsFinancialAssetsTable"], "lang": { "en-us": { "role": { "label": "Schedule of Determination of Fair Value for its Financial Assets [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation." } } }, "auth_ref": ["r6"] }, "prso_SeveranceandSoftwareLicenseObligationsDetailsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeveranceandSoftwareLicenseObligationsDetailsLineItems", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "label": "Severance and Software License Obligations [Line Items]" } } }, "auth_ref": [] }, "prso_SeveranceandSoftwareLicenseObligationsDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "SeveranceandSoftwareLicenseObligationsDetailsTable", "presentation": ["http://www.PRSO.com/role/SeveranceandSoftwareLicenseObligationsDetails"], "lang": { "en-us": { "role": { "label": "Severance and Software License Obligations (Details) [Table]" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "calculation": { "http://www.PRSO.com/role/ConsolidatedCashFlow": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.PRSO.com/role/ConsolidatedCashFlow"], "lang": { "en-us": { "role": { "terseLabel": "Stock-based compensation", "label": "Share-Based Payment Arrangement, Noncash Expense", "documentation": "Amount of noncash expense for share-based payment arrangement." } } }, "auth_ref": ["r5"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1", "presentation": ["http://www.PRSO.com/role/StockBasedCompensationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Vesting period", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period", "documentation": "Period over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition." } } }, "auth_ref": ["r695"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "presentation": ["http://www.PRSO.com/role/ScheduleofRSUActivityUnderPlansTable"], "lang": { "en-us": { "role": { "negatedLabel": "Number of Shares, Cancelled", "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": ["r347"] }, 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Excludes share and unit options." } } }, "auth_ref": ["r342", "r343"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod", "presentation": ["http://www.PRSO.com/role/ScheduleofRSUActivityUnderPlansTable"], "lang": { "en-us": { "role": { "negatedLabel": "Number of Shares, Vested", "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": ["r346"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue": {

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Available for Grant", "documentation": "The difference between the maximum number of shares (or other type of equity) authorized for issuance under the plan (including the effects of amendments and adjustments), and the sum of: 1) the number of shares (or other type of equity) already issued upon exercise of options or other equity-based awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable." } } }, "auth_ref": ["r38"] }, "prso_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesCancelledAvailableForGrant": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesCancelledAvailableForGrant", "presentation": ["http://www.PRSO.com/role/ScheduleofOptionsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Shares Available for Grant, Options 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}, "auth_ref": ["r340"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross", "presentation": ["http://www.PRSO.com/role/ScheduleofOptionsOutstandingTable"], "lang": { "en-us": { "role": { "terseLabel": "Number of Shares, RSUs granted", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross", "documentation": "Gross number of share options (or share units) granted during the period." } } }, "auth_ref": ["r338"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue", "crdr": "debit", 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"Weighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan." } } }, "auth_ref": ["r334", "r335"] }, "prso_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsSharesAvailableForGrantRSUsGranted": { "xbrltype": "sharesItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsSharesAvailableForGrantRSUsGranted", "presentation": ["http://www.PRSO.com/role/ScheduleofOptionsOutstandingTable"], "lang": { "en-us": { "role": { "negatedLabel": "Shares Available for Grant, RSUs granted", "documentation": "Shares Available for Grant, RSUs granted.", "label": "Share Based Compensation Arrangement By Share Based Payment Award Options Shares Available For Grant RSUs Granted" } } }, "auth_ref": [] }, "prso_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsWeightedAverageExercisePricesOptionsCancelledinDollarsPerShare": { "xbrltype": 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Excludes temporary equity and equity attributable to noncontrolling interest." } } }, "auth_ref": ["r65", "r69", "r70", "r89", "r585", "r601", "r625", "r626", "r713", "r742", "r886", "r906", "r978", "r1024"] }, "us-gaap_StockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityAbstract", "presentation": ["http://www.PRSO.com/role/ConsolidatedBalanceSheet"], "lang": { "en-us": { "role": { "terseLabel": "Stockholders\u2019 equity", "label": "Equity, Attributable to Parent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityNoteDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityNoteDisclosureTextBlock", "presentation": ["http://www.PRSO.com/role/Equity"], "lang": { "en-us": { "role": { "terseLabel": "Equity", "label": "Equity [Text Block]", "documentation": "The entire disclosure for equity." } } }, "auth_ref": ["r91", "r158", "r283", "r285", "r287", "r288", "r289", "r290", "r291", "r292", "r293", "r294", "r295", "r297", "r300", "r391", "r627", "r629", "r650"] }, "us-gaap_SubsequentEventsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventsAbstract", "lang": { "en-us": { "role": { "label": "Subsequent Events [Abstract]" } } }, "auth_ref": [] }, "us-gaap_SubsequentEventsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventsTextBlock", "presentation": ["http://www.PRSO.com/role/SubsequentEvents"], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Events", "label": "Subsequent Events [Text Block]", "documentation": "The entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business." } } }, "auth_ref": ["r448", "r449"] }, "us-gaap_SupplementalUnemploymentBenefitsSeveranceBenefits": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SupplementalUnemploymentBenefitsSeveranceBenefits", "crdr": "credit", "calculation": { "http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable": { "parentTag": "us-gaap_AccruedLiabilitiesCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.PRSO.com/role/ScheduleofAccruedExpensesandOtherTable"], "lang": { "en-us": { "role": { "terseLabel": "Severance benefits (see Note 4)", "label": "Supplemental Unemployment Benefits, Severance Benefits", "documentation": "Liability for amount due employees, in addition to wages and any other money that employers owe employees, when their employment ends through a layoff or other termination. For example, a company may provide involuntarily terminated employees with a lump sum payment equal to one week's salary for every year of employment." } } }, "auth_ref": [] }, "us-gaap_SupplierConcentrationRiskMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SupplierConcentrationRiskMember", "presentation": ["http://www.PRSO.com/role/ScheduleofConcentrationofCreditRiskTable"], "lang": { "en-us": { "role": { "terseLabel": "Supplier Concentration Risk [Member]", "label": "Supplier Concentration Risk [Member]", "documentation": "Reflects the percentage that purchases in the period from one or more significant suppliers is to cost of goods or services, as defined by the entity, such as total cost of sales or services, product line cost of sales or services, segment cost of sales or services. Risk is the materially adverse effects of loss of a material supplier or a supplier of critically needed goods or services." } } }, "auth_ref": ["r87"] }, "country_TW": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "TW", "presentation": ["http://www.PRSO.com/role/ScheduleofCompanyRecognizedRevenueTable"], "lang": { "en-us": { "role": { "terseLabel": "Taiwan [Member]", "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": { "label": "Tabular List [Table Text Block]", "terseLabel": "Tabular List, Table" } } }, "auth_ref": ["r819"] }, "prso_TheCompanyandSummaryofSignificantAccountingPoliciesDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.PRSO.com/20240630", "localname": 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M%8%)0^+R49'X<:[+\-.CG'(OBE&<)N?XF"3YK][)I$:M8HDU^1&Y@<_SIIV M//A-6(UF>2.#%.K>,XIR)*R0$816"L(Z3 M<_8.PCF;Y7Z]&?L66$'@A2#PPG/.Q 4J@K $8>W -
+NUM/>632P#=N9<_^GI M[GN\M.$6L,QVI])MQ^[J(*A;4/;9?[S:)2>/;1"T'<^R9N M^9#$C3WC6NU*MU$7)"Y(/"?MI'$ [00[3M4KM49A6?>&@J=/+K9DZG_5])=^
MJ53Z^@E_^3I+3OE3Q7[683GX:&UQA2H!#-GS9/WI>)H.[.[COF>^ M,4"69X#-@PN%[U<[E6IG^#OJ/Z?R\JKJIE&,K, 5[A M__9%>M4U=X*+KOU4CI6VE$5*$E?3Z@M,)\KZ&
(%>&JN30FB08'FP2=3]?BZW MRSN-&HV7(2A+OS%EZ1J5I>P6'CMSK(@H6)NFN2_,Q-$(4*]EZP'E-E'6H,!G
M+'S*^\4GF@[YH_'$(=@XK8.08(F7BC.1QH;U"D:Q;4TE"XQEQ45[##T9+[3Y MR^RC!9PCRN.<)QVD:9.5$S=;76OH&@KFG064]3J8 MB"9G;?@I_JZBT/.XES4[B1?];-1*8TF<2++7]
M"F4Z&)I0IA9LXB^%W6^\:Y_%+8C=E3IL,A)V#0+F)7_#D!V8VB $UUCQOG8= M;YCI=;-2.+/K8)@.HB>#Z%02-C6F9<1TI[X_3![&P"9B3*%[UY?N7#]S4DV5 M&
(EQZ6_*TK58\8BT4>[+E48GJJ^J8$=%8D=ID-Q$)+?E[8;?_CE1@96HRXEB M/A-4[\>*;DLO>(L.D=?7/CZW[\ M3P;EI+8M)GM7VLVHVL+L2'W%L7%^^$[%R[)$>)LB7-
[NS#A:#T8R_X5A6*_8 M38+FIXT4#; TM$=&/.[95]9WL@= M>\9 56G>94+V0//&"\8<*J+SE/OT.@=!]VET%PK",\M$=S!SR%^_H78>][[[A M=C?
Z2@NAJA2%%:7$[YH[E4Y$,TD86V$&E8,6E>(XQ'6H:WJ+&74ZD853W=?1 M";Y(O9FK%QCQ(_H+9H4*SIE&, *SM(GBD"O"_KTQ?1 _!A".Q4,[&*Z6HVJW
MA90LB&\R*:ZWZ^T=%B:KU0KHLMR3;!)C-%UR3"#!6F95MHQW"U^QS(>Y^*#0?X%1D3VR8:-Q ' MID:-QP&%>3Q5IX'D+AP"1\7A/2*0==&OJKZ6;"M'/V86:.\#49Y32Z6:[/
.MDC(KAJC:N>Q\9("\N< M@\ULQXJ@90I>:PS 3:)M86RPDVI4-B3N[.N3"=+?<;C7SYU9&I5+<(SG#T
M1:K.ZUC.@6+WJ5_=^X"E4+_E0$_8!*_3P^;/>TEF.&?,9ZQG98+Z;JW60=INHI8$?.Q\[TF+/B1YWX&V/_YY"4/C-/_4W.37 Q>+=<[G=CE('E0'<'
MS0YJ1_<86<>R[^(450OM)&7S".S50M-K-:)]>_\!H YI*(, S@DIO '6546N MB22-(JNFN6&_B=AOY>Q)V:-VFK@Q5;RN2A$)D4N-DW3SA3BBC<0I[.LH$G(?
M/%N=*)@B8(VEF8T"UWVGIA+YT]-G6)=U#CPW?NI15Z0>%5O&/2COM'?/DS50 M@81M\L"I^L%03'=@:M<^8<!<5PGE66]*Q^AZ,Z!%8(W/$W=F#?
M[\>_!8=U&)S5>"RS7>ZW8N1MYTQOQ^7RF*&;3!]1QH!YZ 5Q&9E& L16E@! M _9;'TW/F%'.QK6TOR3P'#LQQW$\&MNA(OA^/=U'"Z&!8/ M@<..IH!]3:
<6WCB&5UJAOX'W5()I37(>/H>\?/QAK>[&<3SL!7,_OJ0 I]WW MXO'<+O7IMO;'=<\8W9EI\2GPW6,^_"+66Q;:X?&DO!&L2M UOS$TNR70(:X+ MO([0FR E!?
B;=A9:?'[!2]^U]T@,O+#OR0+08W0>[]P$!'ZW[!0M$GNUZ,N3 M1?2R:)[=?-!?!_:7;WO,8VK4\DAF#-JHJ\TM!@-38X3'MJA7@WRGB"(TS?3!
MU@%G,\7PCTV\8R"7^^WMX8[\I$4$516/\69 5HUROW5(LBJJKIF%NSC*H7,. MJL:^D^2^^W!.Z+WLT>RH9D_4F17=DLX:\2V*^#\W>]'$8W3)ITAMR,9WG6V.: M+^5HZ .DOZ#!_
*P-46!;"HNAI2,_UW/X?E('-?653">\(N!J2U^$'KR =9K M:+2#H=X*7U;@$Y MZ;Y"@"FB?U&\55)<:42>==-$S1&S/RG>A!66WYEL'.I(QCMA75H>%T-;$8EB
M1TA\K7:QJ0\KVRM=>3N'+W#:6$'8.L%*Y^P9NKS;F6K"3)KEC0R2\1V].ZKJ.&KA%D%_!:= M<($#]*HB(?ED]G4$3>]N0'W1@2?:1+6>\7?0LB*N="TOG =Y11/=4ZU-_?QJ
M;3(&=5Y],2DA/\I[.+A!-5%*$K9-QC!EO5W$WU@%;C#WP[0)?/ 7T:1G!9L5 MF9+RHN@&5DQ6 8E56N]0OL]Y6*@\-D.1!4.D]$.9$_0O0,]@+SCWYL"G:!@$
MZ3E9*7"CUBCWY7R]T3QE4^T;)F29+]4XE0VBYAMJ)A.E0\]5>QGW:RZU@Q8 M :HZ_ /?2;&B_JC (8@-Z!@%BQC!&F8QYMVRRYV7\C0AH$2KUG2FF.^H49N6 M"Q-
A.8)B@MKMDF<;=)^98F-B;\F=$(<@^6AX886&O]$X!*97^VHY/.ZX\ %- M]KO(<'MT&U)MCL%@9'_H_ZA6I>\Z,;3/TH/R3+[^W]ZQ%1!&6U+U2I_G!Y3 M]D*
(!85!6)=Q8"H1E^Z9/_%@4/0C0 S#I C>#0_U$=X0&'<6<4SN'%MB,6BP -@R:$ MT 5T1D\>7B_N8X[*K&DJ_#-[REW+#1ZN'P?#>S;MS=WE131?H#\4RBV5?]=J
M'7CUD]+/>VUW]T_70^GI7KJ\O[NZOAM>7^%OP_O;FZO!$_SQ_>9N<'=Y,[B5 MAD_PP6_7=T_#C/G:MB5^^&$JGJ8##_J8S\Q;63835W?>%%Y65S*R\&_=](@V M *'Z[R$L7Q^#
[FJZ_#X-X+L/P#Q4$))/\-XWPU+_J*JU?^-[_ZZ7)0*"E-XXQU-Y= : MI?DB)7^5/D@!FAF1B*^,R\W%6%"6F>E&ANA6QC7?I#]-ZQ4N-I=^LX3M,A5]+']PY%#]6@/_1 5X5O !9M>R9
M95-)"\;#)

[TZA;I-EA^4:[4:_GM%#"PI)!>E,*9TD/72&)4? MQP'38ZJC;/=4U[(EKA1(SHR@4-?_0IS!0+A$C;P0PYKY]3Y3W3 8' >I5?E MA4@?IM-_PK^P@]>)KDYPEF=B
A@,V+@&Y&SK(Z*58%LXV-AF,N@=C#?T[F'5 MM]R4?M&?E0E8>7])'W[Y]:^/6"O9J-7@5QA5MPE=L4O4B0EFWO/[(@&"C-9? MB!.T\F:5Y 16B7MPE[9:@NWH*F&WWDTMS3/X[S-
B4UT8Y2-L$XYXU49]UL9A MB DT00C]W2$V'6'I&!B.!;1C>FC'>#8?%)?A@(7S/*F&QY^2J66_EQ9QX"\, MG@(\O>H:D6S,A9OWQG(XVO'.5-
RP]:X8M'L6W3(<,%346#,MW#>;)0RW4SYY M]V9I2&:@BHZ ,NO-"AP&N5Z1W"5610G"&SFZIBMXX20\UVTW6RU9NC==^,3B MAQ/.G*%:'^D[[(G6RA-P^H#LJ6RBYP^H5C%+
YNBC9Z7P;--V&_TM$=^]1%P M[4XDQCFD)Q];B%@;F$Z1_#./UAUYTYFOW .8V'2W1.]'T(H!BR6 .(2W.!8^7G!^7[I'=JUR MLNWX9#NV#,-Z94 D$I:J.F-NT'-
\8/PWA]^_ZSFL"SN.X@O M9:Y3 7'/X(#!Z L437D P-R8\[GW"N(8<$"HIL!E<6@HS@]LBK 0NL.CS>! M(?4@M6P=B3#I"%@W'4ZWN
+^(#H04,JA0H)BV\9;S_!%AX5<@'SQ25NCTI+R MA>^!PV&N59:&R*6P=8+TS8)_I _?!\-O'\-ZY_R)2TNC>BF=X,-@>/E1ZM9: M0.-Z/W1Z@P_]&=P]\Y$*Z!!&"SGG=9%Y0I P\
/.,".!Q^ VHLB4FUIC0BAP[MV'@$]89/+:N11;5SKB?#]ZB[:#[C_F'2#0UQ= =TXL'@X2.%<8E"8 Y'.$76 M5'?=Z&EQ*!LU7$9B3'M\]@PND#@.YVY;NGN_!@-Q.P5!3<_+\/KR(\-A"%@E
MNEH=56^0)+]]\]&3I=<3W! /NQ 5H=U2\5#=?#/O^ KW*- MU3*-=V9IX0F3YL96Z(6/)5 .@3.C ;C6OS:$*3_($6:-\"SF,*!GG!;G_(4:7JP'53R-69.S^\=\4?U7W0G M(/B8W:>_ 4F:[L3!?
&N TM\]DX!)2UE9D[K<@9XE?W.Z@7T]-2J=7HA_+OWA M*<>:@E8*!PLO;<<4S)(_YSM1;)P#UQ/HD9QG-I$]4$$+')K=;C7V4%/F6]NG M7$O@-<-XT[]O=5 '@/#>!Z;VBP6[N[2
K=DF=22]QW:=T=A5S+'"CK-V(RO' M&>@7P?R4-N@*)+X$IF5P-^.G!2!E@9ERQLZVQ#HR[(CC5@FBD>D0+3,T[4@D M67NFMRI8@?/-1/8&G ![@&'XE%G38'O:UIL.\I0
#_A;@KJ"5M+B==9?%=GJ MC4F[=0S0Q$1E >3C)2Q-=V]A74'HMKTI=-LL]]L7J[6ZS#L("^?LJ;2-$<)Y MV+SI1H$VC?
>8MR]6"R>6=QTP9=CO,D]NT#U/%+2S4=)Z4X\VK()=@G6BNRM$ M44I"%.U$\'DDJ/X2[5JQL<[3^6'2F4%#Q17%@TD;+TE>K0H,0,*T^06L4SW2
M88(2Y@*847CQ0T$M"2;ZF%+KA"(*)EBB5$2&Q#:#)WV)FIX+!FP)M 9;T6$V M-(;!&*3I?HN.]50S?_(%HH&2BPPG7>L)'U M1)V[O'C@'IXR+,6D3C66-6O9[&-E#$HN8M&YD :.;]
P=1DC.5(7_732=S*R M/=2M$"V+VPWY@Z29-P)^&FS%]R^O=&E=^&#%]49/!W*_&6])B1#93-S=Y@ZG MGXI\./KASI>A?
I<@*G@B7,Q3C[7E%ZOM67P*9UD/!Y&O=$UA\;JB0JP&E7.* MT&[V7JW$4#2!_M5U[*S5RH?3 M:IDY2@60#\82\\YX=LA0YJ+=5X^0(!U"Z%4_W"#%J+?+PSO.@E#FEZOZP1TV
M24CD^2XS%#[$9M%KYIWB8@K$#498E^*UK\"]01H1C8W$^PWQ&+(3UA8,-+S? M+12V& GG]CBL%C4"Q64JE+^*F<)61+D/#LU\?"YHPK 1>)1N>@X96-Q8=YG/
MP!NC!H@>K)!V$X*LI%'+<>1[JWT'*^HWS&^RK,IP%ZG.PC3X[T5IP)SNJ%\M M.7$##XKO9%C%8. Q&7FVN0&?-*[V2M#[XX0\.SX=P*I*8S+J3#7(8R.PZ$,+@P?8I@BENP!/A#:R
:W5>/>3).BF%JB,5@B[M-$W"VK:,@"!H .79XKY[Y!&4*&B^.;=" B)8V0+ZT&?*^59/$3:I9U W(G=G431?VEC+'Z9U^P>6GASJ<@_1
M+YW91IO(1,HV+5B=X]D4R70(QU,G$=P!B9%0KR!G7JA<(UDL':.@!*\2G)XY MU9?0O>CG@2-_H*P;%-N$*/ 5V\28 MV[LNFD!\!9PVE+2P$LKVL\1>)Q;H?E7KU>3RPD\9NY
&P$G";BD:,?)S*$,Y M#TZ))L"P\+83"I(3/.:FG[8Y7S?Z$\)J:BBHA:Z*0+PYR#1# @[W0!3*8PV" M"0_TR2#"70JYV7S?UWPQH)\9(#%@,SPO@P?I:)KF/"D+W=>P5Q8Z\H-B\R53
M[=D?2.7N,/1S@CQB&I"?^\-D/='61.5P 8'^FQ\WRR6BD?2X-'8[9;E9?&B6 M]A]Y1@Y+SAK.0/EAW.V@F)!S1D5S-U1D$2=,0(H+V8(M7Z_%2(O/OEAV@R*A M>LA.(E7U08":VI2;*Z
<\X1,.HDN9T=)+_SRA02.(;;M=/V$?Y<_3+_! M/THT?8=EH.-L[/3#DNJT\K59"W*^F*?800I;9XO.$T_#WN4+Z3M3PBK("/^N MF,R+7>&.;)]:6\H/$O/D1#\E>&W&9RDI ,+)MW[J*
[L4F4+B0AI2;=[?!,\) MQPG!X,;0/HRM6YZ#6448S7FA?>!+D;#%V?&"%-^],J)9=&@!Z,#+,9IP:/X; MX]3O8Z!L^T>. []+F M>HK'^I)6L1-@^AW./)8_G<]W-J#:(IM5
TA1'M8D"EB_=UKL93YB<]BE:! MK*O!J6'G93YU:244%7%RV/%0:8IG<-I#F@_-WT>_"4L=7^$X>%4\Z"UH*@)/ M>+%8"A!:Y^SPT 2;$O\
WO8/5M1]AFN7AR8@LRO9]0TA4@DS"U!!D=5SV*&. MN\0F2YOG8K1(O3"^?RB*)=$ET08+L!IOYIOA:.VBYQ4U9#XDUXGIN]8L2*\J MV4'3./XE4H:SP.16(H>H6=HO7!<-
W%5SGKOBKF1N"JQS,.F108/;6;@WLA2> M4)].B::SC NF&/-]K04!<\HPC&A@9P>^0C@S*(E1JOA(BQ98^&:S5J+^D:62 M QXJ?O?')&_HQG:0D^NP;_IBQ<^5CF
A2W1A<&+PBYJJ_"^N]ONND5(2/U78 M5N#R$3VS/,EO'>C0IS]FCG(X'2K/?U'8"T%WZ1+?#="4H2-5+1H81#NT"(J4 M0(ERV1YUYP]G8&H_ I\=;'271+8X
X7<'EUDM9FY/>CDE*H6IB^@XR.(I"4$ M_.&2PV@HX'=ZF"P0(0AH9,P5/+:8<$']C>C8?X:)T=% 7%8I =++4FFZSEP] MAXE@8ALYHI]B7N%#L*&77PHY>(/
1HEGT_#@B:W,=,W@Y3_4Z\WCD6"G&A8\HC=5\?-45.Y_(;9MP>*F0>K+BX59ZM3OCMV*6?2 MET$N1O)X9NP\8J10/S!S6G"7,W^QPB9=C9/A�?&0::>[,7O<@31BE>0=
[RS(KWMW(_/FAR2Q4^.+XND M*[)(>!9)6V21%#Z+I+%;%HE<3M:-XH=#[L?7L%G,+'7B1EL6WPJK%XTL_)"^ M>@'3H"0()BJH7K$>B'O7'EC!F>(7!0>:>VDAX+%2%(;%9+
[4=D+%/RS!X0_0 MQ/W-,6D)!MATYF>W*KYYNNC)#R?4.@[O5%#RVV72""K-00@*ZWA&*](W#<(& M+TFAEWQ;00MY&-?6AZU;CY_24V*V,%[\2PU@VA@1^_-
IGNV;7L'[O#Y&^DW! M4B"8; Z34.1V 3931:/WE6G8&F.JF[Q ""U9EI[@F:IEH,&$*;PEUL6!-N.H MT$PFDU::O]J@/E4UZY6FQ8#>H=M^XXUY9)E!JR*]* :G3,7/:D?/D$;&A)I: MKO(6/
M48'N*P98RLUQ"PK:_(YR&>B-].QN42V\.^.7FJ"Q"IKJL M!H]%>)BRI.D8\?==#I83(K4\H]:,OX05JZ '31+NR=O@+U]HM5L(.]9@85[; MS)+7T@M"KL/W@@ >YZ42A>6]25%PP&H?
A*7#TN194VLL@R'OW!()@L^5<*"! M9L1KA)8M5H(V'[3#!?S];+T0VT3\5)T9NFSPB%/M<6:CNVAD85R8MK7Q3)U> MPQOZC,9TF>%A&+0C#1@KS-IC^3ZA8UWR<_>Y?8C-
+VP=@$(M)1>K%-X9/\9Z M1U[> VR%M>FA#3Z6;YZY"),7&W5Y2&1!S[2O)JZBEE:&)ZY:S$!#UE1Z!4V
MZ40)Y;RAORODV%4PB@1\G3%/?;Z.B$5%35$*KVK3+',.O3#);W,1&^Z,Q,0$ MX1T4YH4WTF(0/6A[PM;"12+-Z:2&,<,4=_R%2DA65K?:?S8ZU2"J3^T@SWW%T8E);U$]6@ .?
I;G1Q<*:U9^;/ MQ)0TG*.*>(;]3?'XV>]T8^'J?QJEXWES.'V%U?3!T"40WM-Y0G*D@W6QA\(\ M[\'OD."XBQA'0U-##]&('DB>0T$;=0&) %]$21X0RY2 8,W199J9-/T.Y/$/
M1,!O1$&%$"&2*BDL]H!AJ=K*4JKB"B2Z!"FTAB(*T[2H\)/#=D'BP63RE*V1 M]Z&#E9<8 PB;3@O*K<>RZD.<#.0F"%?@N._,%*+1(SBE?_%1=7/FL6J(N6I.
MVZ^!G"4X(&,T?"6A@4LT^,@$WLBV%+_6X'-N!YG^W NQ-'8FEBP.)_MYL=*F M/4AXND5 2W7>=/R&87)4Z40": T\,P@(OBG9U&#T::]^YB!;(>=R%2*T;"D MW\0OZ#-
!63>F]7'S%U6HL#WFS"-]-/)L/I=HXYI]$,4::"TWS*0WZ"CL8@P5_[#_8:L$2\@\LM9 MHFLJ?#5+4K07'51_&I+A42$%;0L-N,527TP+U$6:3T!I%?W"B\V M""(A8<,?4_\#?
P;FE03:.J:^+II2U$@*K9IN MF/8QM+GM0-M_NDIM$Q'I;T%)!8$6P.0"+1R>@C #>==X5.%ZFHX255X98<3 MM#GCQU.9SKY(#Y9E^U-5)#@I%N8J/'-
;']1WQI9*5SA%*&VMPFTMA*').L/: ME)/Y:T*UE9)>"!HCHBK -"FIK,.S7^*@\&(HFM;$,W%H;ZLQ><5DBA$ZS5@ M+I1*O4C<^VMJ9KV:1 M+1>3KS8X7_UAALC 5ZM
N):0B!QOQDW$$?HP7!=+*FU,- ^*[0:YIU3\CQ- MQ6-!AG#N?L@!CJ8@.XTVV:"L\71WICXRLHZPZS6N/_JGAK%H2H&,:5&S/\1U M/0QW_T5""YIG. 7<>"Y$4+A0UF1BU6
P##LF_BKFP8&Y H,K"!W1AK1@Q/N) M;&MT8GC6,EY(Z,3-EUN:PX^6L]*$!HJ'PIZI'0]$*T7<=\%"6=C-F@U0MX!B MVS1!+!38F".(J8^EI>C)7#JHZ^Z#KLR+8.;QB-"',^6=?Q*0!?\
(7YUWJ4%J M /J:&U5S@>#S5_0@+3D/L60D1%O< >+OE(^#@0]:FFV- "[*O";W-DVOR(P M]$PI>GG2TO)HY0YFG=GL>/F%@PNSP0$/G"^87LV+[P)M+CS$4FX*MSE+OLTI
M!38G+3%:#9UPKL&Y(6=].?886>_0*6)F2,(LD)[(N%9(!V1!9+Z/.27_]'< M+?^CD3#_XPH;YRJH?.\:MEP_0MBKVLO"R^6\A-PR M]
(NH1N+2FD;B8(@/AI=2LUL#$JQ(5RR/T],=S,0MW8:D-C71KUF"Q ?^SD>D M0;H@_*!;9\W&ERGY5Z+1A-H/_"'Z%M,B0IN?V[M^SX;PKJE5-
+8)"6H&+K(".0GB:#8&W@CMOE3FBHM^C[A':L#NX1&(A:9A2",\960II MLEJ. "KS&R.B-L?C;QIY8P99E(,,K]<)*EY*X5%"53@+@[*,E" 1!BPWOG8:
MS*.*,BC5+F\2@4Y<2=5MU9LBB%56IH=7M*PI5\+#:EM&I11.X [UME@+&\2\ M[H10'[2,\3.V0G8L=@\BM$,W(-JWOBKHC%39M3)!O47)#QC[*F=05\.R?H("
M1UA6UML!N*OXX"!B*IV$N* M@<-U.W.P&PUP?\JZ2\H"N#4?W(&$Q,I?D_J.>,,#%+_%XIM%UY/R*_,H.[H$G@['3\[E \/0'W&US_$RH:
MX1=YN7X[*R:H0CXNBSATK3[+Q/5AAHQBE)BO&AFLW[CM0AK,TQ5"B8IC7E&X ML6*U%BY8E>/W_QSR"8,C$52G5N50>2H(-K)8G-HK]^NUU>K4G^9P>K&P+(_9
M\>&PC]]H'3X S*+K69WCPD?S!5;&ZR9EL/Y=+HLT@!F@()2P.Y*DC#'M*.2A MQ)9S(0\CI2M"E$)*M/(%NUL% MO?8TO"I(X]^_XI5"[WY:2^#D6[@Y@"LL6T[$G/#9;3"
[]CE.5KD<;OGL,\55 M-A-9OKS<#+9>VW+!V M3?/\QF]H<&)30@=GK/#?L"?@"'M+T- YF@8L@9'R,!X-NK0B"[- M@].48_*" F:GSK,$4.&?CK#"$D=;Y-
98K("V::@X@!D0/"RD8_%JH'P,EE8EKNXYX8+;;W'H;;R)95? M-!]WK+Q8+&A,TQ-XLK_?5G3T7@K=.;.0A1#N?FB%ZB+F 5M>[NDW>P?P3X"0 M>(T%@X/++V$!_%>G>
'B\P)J<)4,I$1; C^7S'>>7>W=2F6&/[VIYDO$#,_MF9[T)UK*B^F[L!!I:2'\C45=;EFT\]IY\D8+6FD09F7F2BCGP2:&7YQ/+T6B M-[,#]P#
[;^0(UA8B7UMLFN9:BWEEHTMY()/0"YO)/7,T5+"80<(U- DXN M]]MR+U+"A0MZ-EX_T;B0J'_+9UU5AZA5_:TZT37 ^&>)_5O%>Q>K]6Z[W+^S MN%4[/\;K@,A;9_BP7EQ2:?V-
&,NM+0.' B]8\DF*DT28Y$.4Q;B5SB\<" >/ M X<'"S>[[Z4183G,4>>6]WPSWH.SNW!:(\N65@_HU7SSZV](*BV 8?$N I8! M/9^,UB3,(VF)B#5%!YP-M+I1&6MLT1F!M/:^IF:YWZW'5!
I*T(^1#N ^/8) M(IO=.9VG9KB'%AV@X+C8U "H?D #Z=_1"TIN\8[!9-Z?K0.%U4@YLZO9J1KI MS\RB(Q@;-^@EB6PE!=0M=\6!GWN>!&M[U4_#N.!EK6&%@[:.<%B.C#+%M-Z_
M>+2#-AS&]E%X(PSAI1S4'\03&.;ZGN<0-*P-&D4 %KB)WKN=E=J+.:B6H/B# MCGNKCTD5W@N(/L204$A^!G'VBAHI,5>J,&(,OAM=?-= M%\A[8'-K,H82 K!/*\:<[?>U7$@#1A*!
[JAA(H@U0Z4NN,>]-$_'T8/I'=ZT M;U$-C&ZEQO1!= Z%ZYK\VB-FY="JZ0IW]2M+J_(]124Z%>K^$WT6SAX+KXOF M?
$;TJ8F[+H<8!FU.PSV0O(D+UEC3%MV8Q,H+NW>MOXMZJX'__X0?IEI4//((LY+EYD&SP0-E/'"KX4[/YWPS1S4'N%=
M[M505JRZN*ZU=U($[>DRT63N;^.W%/B6KNEQ#63I<31+H$/?K>#99F[2XO&N(.%3<%6EI<-!PN0 M0H;(<5B!NV$C?"'P#J@\M&VH,C<9* MS<L9"P)R,:NC_M8J-MMN)B
M&:H3HGD&N1^O-YV<)W0\)@[9[3#THJ'7C4++O!WG@NT3SE5C00T??]):_*$G M&._U&EL&O='MPT(K7LMS $7.Q\\K5W<6S:6VYU:/6UU&:6@JN+8Q%5UN$7F[M<:1&&G:&MB
+^JF@XL_05V\^4UF6QJA@^VIFR4^:JBZL%) :_PI]A$JN^$G2& MX3N&]D7BFYFK2XO2!=[WQ\0]8)CFYW)]9:-KE5*VQ:4Y5W7.<$MBWPDZJFXB]P1C/G1R6Y\4+0ZH4I,-
/SR2_09:X5GM.C,LQST4 M7\#>4?]XIM>0H*)BV9\E^WGT0:XU*W*C6Y%;K8_S@^./Q;67=O.GQ9T89 QP MNXJ(JBSORM=_?HH&_)34=/\;JT4:38;M%LJTN,EW?3* M_5:E([.%7TL

M$Z.L?6@N)8,](5=:K>U<:AL,\ VX^G2):Q.4D3 M1&>MF9(D\]68UJB8M"HOEL:W46AL5T'CXC[92+&H(TT&11U:Q[68YH]FC,BNWYW"NM =($A78=;%YAM4R6=/6&&.6 M:-
H4C\\&PFEC]QE&_H\1/>LR"@3Y9P/?C>'XK$[T4-I6V:% !0'5*2K4X!H MSR>N&&PM;\ M9Z-@8((@D,3_9^_=FAM%LH71=WX%Q['1/F$K)'0O:K#$:[;[/I.=[E.N;H[
M]M,$%BF+W0@T@.SR_/JSULI,2! 2()"$;#W,=-F&)'/ENE_S\\EJUBI>+C84 MUQSZ.9K#F0H;SWP+JP28M=GJ= [)>O?KURBSSS(IX#6L6RE3=1^8O;^O%L'] M;J=S=,UC5"D/_=C
M7D>CGH[$Z\Z(=KKBM*@NV<=TYOP2[;W+TD/YFQW*U;+-$UM?'T(MEUB[PG#:M$6^P;&;#OC_)+TO2!?K7+\C'?UX5U] M>F*_MYN>>,:OX^/7,=A:8?
6PCSD#QKA\B7CM8G.7RK@ZIG[NNS7TH$IQ6AWS MF4I4_V5EC2FC_1)3)'_W[IX#,<\@'IN'<[JT.4[\\W&4N[H2*OOZC)F\&"'- MIT6DY@9&8P/9
L>L!6QABS'RGA]_A0971CODXS"B]M,AS<80!]&4@SPE!Q?? M/^N6'(;'OE, MHSP/PNC(&QR#YM'.8NFS.;R&@VMP),QQIPD>:FS!L(ILJF,$ M=0G9E)TO)-BNMF$XD#+$"'=X\1E -
+L'9SQQ'O_(_(P00R$BF69EQ1R\6CZ M>!D^Y!DD!XH>FBU$LYW4@?3)X0B$HME'J2:?:!;3NGIR+MIF:;5A-[GR:M(] M,F>:H#A8M[E+=*@9Q[2-CPS0!:.L7G]'YJY^5]UJX/-
G"Q$;;O3R>BP='(3IH&JZ'X;_):4C$<6GB>= 2@Y+(ON;-'-;! ML>BH,-CNC,MP93SKD^<[%N :7'P(ZJ.H0Y<]F!P(Q.O;1RL2>H4 <;37IQS= M0M]^>!!3G%PF)KW")PA#X[.U-758YQ,
(MHBKXAMB4B5+O:7,TFSAD$B7X01& MTPB)S6M/-]'G% M+EW.?U@@366<\X;3W'R+QJS2,.2;NP_Z#V\)^#SL#%NZ5P: MY]U[9%(,K!5BF,"B3.<9]J>&.4?K MK^
DOB[>UH/5<@G"DX^)]6,TPW>DX0]&F*DO/9O8!MEB).56#ME-MAL]J+X/ MC_$!:F:HP190]?%MTU&\G+#!O?(7FSRY!(D@35IIC]+BNFRT[. MTV7K(I;]#: =[C:
=I#79G%7*=:K)@2/."5>CC"/96 <>2(!%X!1QEV 0'@/ M/CDTIK8_7=DBW@2P9ZYKZ@L/NU]&7L(66EMD'XJ)Y0R4?-"'?90! ?,?033P M!0 FZ/V 7PM'(W[)<< 66YD.; <=)N%S6Q? Y4-
7(^%M<0%"(,U9@X3*CX)-TMX9E311I8^G$?C,U;1= %112N+>:NX M+OL)AIG[P-5U/GSTP0-3,]IU0L;&D^AQH;GOK1ZX..5C2!$4,UP8A.TR>*N_
ML2\CHVG*K1CI,!5(!MJ_'ZL*+2Z?S>CH[V"M36DH9RXIGM '^&U*,KR^\#429-["V E!-47H(&P : MZ)?9L"C"/X!_!6B#'MS43PVCWY[FWJ_&E*K/O4YS'W'Z;TD%4(*A,>Z66H _ MJ ;\
^Z\,UXMWQH^6I)/B27/7BAC;*I10[>E6.V0$@'(;+5F?V369QS\VN4F\%P M29",$X)Z.]^((9C[X3(2G":>6YC/! MD2-=^+Q$6Q.>'G9TRWP.--@BZ"LG%T/9E4\,J[&9
X>]5<5S87(B]%&#U.(@ M+]H,3TC1/(1+(5\@7@C=M4Q?1DKP]SQPI.X=]QRHOU'S M)=OZ-RZ$(DL41:\EOQ"L[@/R&H7R&\EMFD[@K9O=W-B.36$\0CJ34XI:17<1 MV]-
G##E>H+I^R:@BYR\"WDH5W"D,07&LK@5N4B4!]'J.%Q2Q]OG43Q)+8@G MFS3$3+_MBZ+V235J'^^+V7[*0N M@/_S=% 4Y22:N^\
8P3_EV[A%\HVJH:OCQ>_7G.4:.H]"CHEMXSU2&08.6.6 MD?I"G"=YT4EE9>J808"Y.D')930S4N+0;>!Z[I7\,:$MBG S;#/23E*.=^'> MX/PIWN4-V6V)="/:R-KHHU;$4!.(_@3LD"
("T3:77L#=\^0>43)!UT#T NF@ M8@2K>^ 0UL>5S[,46)SQ*_+ZM,TI:*J<*Y.T62'M,0N(OPDT?!;_A[MJE@2 M9._B>M#M9:=!*I0MESTUI/;4XC-
(IE>%$E'0U)YR4B>L6H2+=Z6&3M] *G M[\#N_J%3!^2>6W9@?D RM%#%#^3MW6/85O0F\SEO(&9JA5NYFC.2,MC/#>5 M0@U!G%6@SVP7I)
[P/RP]%P4>95Y&TH\,=\6S#6(E]I=8*YY&!D0G/-0\E/[H MV5,J+L@RKQE&I='E@'HTSZ(R'1*'EDV^;X_VRDMGLC;(21]W@KYP_ GP!YCB M,S/]MGXG/2KX;?B3Y?"W
^'0B,T,X!DH&RT-,"X9Z("WB+/ZE.?2HO=P3]RC MR\,8"6E95V:EJK3?;U!(#YJ353;3RCAG6HE,JV[GG&I5!L_WETXUVBV=:AB5 MZ!9+^?X +.9V=H<)13NF=V]>04GE-L9UE
?)B\!/(L_^RD+I,6E@*C==7R'X M'K8V50!/+4<6EFF@))K!$SQ,+$PO\0,727'$G.>BM80J2Q),+%B;O[/7.. &XBY9/'$W!X'[NUHU!N8&] 6;Y>BKNJ+ MB\S;?F3?'-
,5N%"4Q'986]6]29VT=X>E-5>T&5W=35,)L-JU'$W[Y65Q0F.U M@V#% HU7-7G+N% 5RZ0 P+R@%?^(!BIY9]ABZ7C/3*1SHJLG^DT]],6%2D#V M3;":SG7SR?0M)8"(Y0V#SH
6@G]KH^X8"[M SQ0J:*)>G-Y.\(KQ+6W9+K MBQ[@NX\M_X!497D]41$O);]@:2^V)[H"I9CQ(BKRF9,R_LAX=3L'V*8]]K1_ M+@E*S/V,DAVXLQU?(@7NZFXZ]X#%7?
W._!"VPS%'_^:3L:"_H8,%a=*G5+*8LQF7C#8("XICB7+1Y 'GT$#!IK_0)Y, MD/MQDFT ?(=^%"T,=E2\=OZ
(AMZG3IE@]B1+K>DJWO2FRHAZKBH@\N)VGW<1[Q!GEV!7.IX1=6G6L^PW*\6#ALW ZI"_^'^^$?1X&9M0')N 6':J7TV%1# M N&!T>+T$^H=E@ J/A/]
(MZ@4K27V"ML#]8%X8>6;O(4F+UW3VDR5C(^ [JY MMV D'"+N'[(%"#W3Q^8M6,TLO$HZ&@2H_6-(VHR$JB3LZ(.4Q\>OQ L"RF20 M-8R1O
"@A0Z3&;:D6]B8IJ5*1F2JCFS,D6Q]A))ORI:A*.;(V &8+4'B"T": MHEU.U,M&#.-GFQMG.-((#:/"JGX%U#J/OS/=712"=]@%HE5<7PA)HL MRV![\0LZJ*P#RPUP*R(&X >
<]D"Z::@SKD+9?0K4723MZ%')* 3O%[8*GY;, MK"O)0]T5A==09@CF1H0F")R:2?!_4MI_3'JZMPJ!5[GX4>W-7S=WMY>Z%4= M)>?\ MS:XNTPDF%/$?OC,CK>Q(:/H05(^R(EG?
W$I,M 9.NP]JF*@JQ/U,XK MI*1#97=M_:/MK&0SKA08'X#=@"#@2C@R(!!^2P]SB;@"8.&KO*V2 AW1)(GV M)S:L0",##-^REDRNH&1' &Q\D@&*]"MX*PE \1YGT[D-
4DV*%"SN]YYXEGDK M 03!TX^ 'L.^&.'E%A-LK$%ETW/Sn)>@6PH\F0B*^!V\?I;FD1@4@R?$@D &Y?B1Q-L3!;+ MQBUU -
J8^Z"6/E'NC&BV)K4/DVO6N"_>12>J5Q4]J)+-64\8#G_#*H^VM M)6 M48=F5IIOW.?E9TP,-4'#*)>@@1E.M[._-!N_>_(LS^)^T#/"XO^&(B_!MU- M>1] J!SJR82-
/K:SZ_37LC5:,M7(9^05P3O TR9S4THDH @>E?*2F7]]:K9.D(15G]#WC3*_9.,-[^O9VPQEM^]'[#<"9 MT<6U,2F$-.D$KS3;331N(P0"2T_D+8KB<\R"Z1^J MXFZRQV0V#M?
9GZ;IK6BJ=9WIG7,A9"Y$]YP+L0,-;$V)V"6E893;(::H3MHO MJ#R[=I-U#C#,%#HO*VB/P^,7<#RRG. M(:Y_Y>@V98XCYLB0XH0_!Z"JR)^3
WFF&%]9!L#FY;_>Z4^V%AE<+6ZN3BNK=NBV\$ MQ>*CB5#GHOPTZ]]U)E&N_ZRFDR51W_W]ZIW"\.*\B_ MWSE '0?(%;QLAP6R40.0]RO\UK]]NXR:C"S%5(0&T5>%(1^'O?
H>\,_UN,1I MT-?P5(",LT1'Z.O(M3SAXL19Y9(ZDZ$)RFW^[C7.SJ5ZQW@".(3I:'QJ0!Y M")9:549U:!DE0X!Q%PW*RF/_7MGA\W'O??(J]SZZN!ZW.I/FRB@E!G,5L.F5 M_?-J;EL6@T?X?
Z^P,]\)5=SS 5<=&UW@GXA5'X_\;?2\;$%;)A"[D*2D_Q3SA MN"EZ&^56*D07W5-Q2 S'P][ZQ,2"WJRBH+XI5WOR?@U)GB]^3KC3M>[7S&8 MWI+!4>:'%YI.WO:-
W="K#RAA>:M[AU7$KDT+%4&N"CV"#HI:HPY*U'YW4AJY MC&J\XY0OMWLJQLBHBP9]OK:TT]U*QO$/BEH6RD Z:B9RX?P&V(F2'.)]+OQS
MRKO.\^#MCA4D9==52DKZO4KMD-93E'P>MNIDY2QE7;P<9#CEE61?L"S9\])WO71:R5$"<@V;[?"UK]XC;^X6Y:KKGV_NWFNVN-B[/^"1 M-
OWUJC.B08=W[($J&;Y'M8UO^"1$8]RY?*M_66 W<#&<(?3$8Q2#E&]^M(.I MXV&](9P!4837]OMH F-,Q(K^KJ5*,0*Q@NUR5DNY-%0*:KIPF8[(@L72[H68 M=9H^ Y7:4[$)%H#0S
;N2BUP<).UP!*ERKT9M@(7':_T[H#F5F]P7D/.#A;= MO HMI8NE^G(29'QRGX6^)_-6,7G7D;FJO# &NZ-$F?B!4M8GLO=%VR^$5#1= M/-
ELP5:ZJ,MQ4[]4)IIM2]6H\"2"CF;04JZ_2)!5L_DU,9MKJ@XVS]S$85.1 M#D/OO:KT?N *%:#W" >+T/N$Z/T+U>[J/\R?L"=!ZJ-^%JG'3ZHDSF>>8J:90>)!9RJWQ@FF$]A*6HLABK=
&G'%'F'$8U8.I*V!61QOKP1.V0=KPT M;8O/G!$T0M7HU*9"%-W^+RA?@67SFF!.+:LEHK)&N(_CW1+\0K :282Y9%X# M 6J;"%!O* 'N((2KD=*!$V5I;CT->0!I9*
[".0ZM,BDG\V%E\T'!@]9$V2>2 MF?XF;E)%8QRHNG[J^=C8RE:F(]SD+8$%/+%A?V$*]ZOX /:YN2) M^P:V"U"D@)K)&U&ZO$UD;%@0PG^2M?. BPO8'4+]#3WWZ<,E4!)60_"A@3;O
M>QFU>@F]%I.IP\KYBASLGE:VGDQ?NNF+;_M)W:P4;A@^=XJVQ9138)!'5*$-'ML,\O/;![U_+[^I^Q@]#FZ041#?R6T^Z@0 M?S^];X^6.[Q;&GQT93?4KN/&M7Z+?
>2_BPX;M^YWI$JL3\;*\N 'BK(*&? U M?#3I*S RD]]1N@K!HV71^X86*6IS%+4G%C;5\N661$,MV?26_\0+K,Q0+D%Z M?X%\]P9)M$/@B;0Y]X6%YV1T)=$8VX3O-1M=KR_+^A6DI,
[F'4H3_JK$*(1&KO^KEQ-RX7ONOSK\PVR:M0]/Y?Z?C?\;3 MWX0?1',#DP/-FZMS,?B3HM6(S;U>%SE=PWLR!ZC-$(FY6YFVY,Z^)DOUJ84FU M2Z83W[@6[X&5U2WOU@AL'\()_
(#>^W9+_V_F/#(4$7!+IAM< MU>X&GYD+VWE^FX<;]:O,*WY]W5=6I,>;$0,80+G8Q_;>,_3/7_8.S2. M>X6[N?GKN,;7#/<=0@UGH-<#]%+ACC/0ZP'Z24B%\G"Z*!O1]18':>K;AXNT
ME,&/RE&9,I\KZGNN=H!M?NI=5RYBY_5VB0QUCQ@9J@;FG#C#Z*+PKX+HWBL MXWP]A[^>WOEZFGP]_6--Y,@R,WNVB+99C+.1!YWLQQ Y'56/F6H.4N MY+
%I#4+V.;8*G5'I$9@J+1&_7&NL;(/'>ME7G9A%2JOW]<9Y+6#?'@&^0%8 M6K<[/BI3&Q^>J>4'Y>L8?[PUN+'[']>O;-2[<#0[%07?&"V_N-ZFL(3>DAY(M6Y]&?
D3MHX^X9V#"H']\:/T0:&(N@.;C3P"0>&3GISZB66- M 1\V'C<2N#<=JF0/YHQ1"P$!!N6$US$IQ(10:QEV=A&X6O5)A=K[&&=7=G)=
M_SRY3DZN,\Z3Z\IU%UAGZT7;"S"A+@/P'CP?Y]BW@/"Z6[N^>$/YB^^4.=Q M:BI0M1Y^UR\EM8G)3D7P%L.AWK9KRM8L2LD[UK-CIY:X%X8HF7^39LJ7#2]S MS_JN*MP+-
'8HF2I8&7O6J^1K0,C])P6>2^,;61I?+8MA(^3+)[3YSTF]XB"N.3N7D'WA0]>$-9#CZ=PVG^:MENLS_V+..YO'B@GK^B\ M-781.69)_X=-
AO[&2/TI5O6G.FD_FK:#BMAGS[^#TWYD]V'<^.YF@4UJ0;P@ MNR)W5R%WXKB#[L3Q,-^=^+**P2>OJ]1_\C)*_0]%6C%)8FL&$EU:R>I?5;% M';PQX4[SRVNPC,]F[)[-
V.HE:&=3]A3,Q%/8X]F4/9NR9U/V19_W;,H>5=^N MDMJW'U,6!WFW!N/\%A2G8>P4MNUJZVMV"LEBQ^VF-V_+VN^;CLH M$5INKKFVYCHXVVYI$-67%G BIVV*YVA7(AB6)8)D-
M3>*6#+PI(3Y];BO8". M%A*K4%5!?:!K@$80\?K1,%.C^6X^10.BFFZH50F,1"(9#OR[/&\QU1&;5TZ, M%V*+[4M;KP#? 3+)_#'6>VUJO96&+I[_\OR_0=.^6OK>E 4[]G M7"ZZ?R+
M\WQQO_'3%+NE(1IO7'GP$U+H0*?;@^RUO=.ZR0^E)JC8-1 M[%<6%KIY[!)NM(:=8>F[-ZK1Z8E>3BT$6OARNGJG"Q_L%("M)?*XLJ>RIOI
M%/ZNUAQO]%5.,E7JB\^^RK.O\NRK;/YIS[[*(_DJL\2+X,[ZJY]+K/7G Y=I MD/V)@#GMLH -4POC?! 9HNEXTUSSIM\SE\WLQN>O5,H7YZ?_)([\7IO8Q"V+ MJ57&Q76_GV^9OF[_:!V
!OVKWQDTV%&:]<%OOC=C00 ;-1U]QE#G<]@#%M.[MO'?)R@EAH5-UJ8I[54_Y&0Y9ZEXQP##*=X"_-,=]':##44V#_/J4$W"O7ES? M>;/P"1L!.?84Q;WNW<.?*7,HT-\$() H,:9_>:JT
C?]X)L+T2XL/ERQJZ8 M1*>;S_^.12>%_ZJC6,["->^8[H5]))>A%8.#=:KET&%97FEX>HI%'9";7%SW#A>V+8SN&QQ%Y!-XV;&*]1$X('K MIUZ+W\QG]&'?N-;Z\[L(;O0Q;
[];@*S.H=B:Z+GFZ\.J]ORQ/WL.SE81@>?P M;2D#4T&0$K9E'[4AHV5T\TM&SK'Y@&I(6[M>GYG 3/]Z?PC3DWTEFCQ /_$7IBKD/G2JY!1WU.TF>?.'XCO<=CI3.HL(.)P MZ[?
UV)1%CV/D9/E-.%D4/\3>:XL.V/_SU@5;_9'"N_J[JZ]HZ4H'5-U>"$N8 M60"8..CAF,]7WFR&P-]D;U3L,@URS+1=Q6.K+[W %LXI7!@M1Z/S[CM#G1M_ M3;_HOKO40T_W\;=.]Y9P%?
0R4T-:5#!\O_+A]&:0V.72MSTL_L/LI3[56"[M+(!78/U'XA+T]M+W_I=-0WS1#'4[U.^98\.E!_J3[3CZW'R$]P=+]P&T^-A(M"-_!+MIVU&FEK=\$H%G[(3: Q:_'9]@(,\T$L"^6GF_ZSQ',^
;@V2F"K#N, MH)H$D0P"Q!""[WX#R 2>_H--YVT=.]G&W@G\L^2B)UM$K%_<=V'^^MT MUK,0";S;M]LY\&X'&$$<9N\6OJW%N(I[#^R?6W$6KG?)D$7 O;3HC>@BS6BH
MT3.U=U8N%K>+UYISD=W)@6$S)-_BAIL,DV=O:\@XTH=":8?LEI@2\&(@B:5I M Q7"8X3O+AQ/[_8$4-ND:QRE5?4&92IK4,"VIOZ#@&R\IU11^J6I VM$510^ M@[$DH/&K*;(H:O
@ YX!\>2I -@5\"A8U&(!G 0H3NCML):!F%/N' $+S)=S*S9BHPI- M+5>_,6I!KMBF+@9!,/R-P1;,V-N>BSB5A2<*_O;5F]>^5Z0/API_-*3?0@:CO3%?_/U[6C2?$%YT;9,00#R$&@(\]L/S
MX6 >_>5WT_][;BY:^JT;FK[MM;0/IFM:9J1BD"X3\,U(OHH>*1. Y)L8Z+@" MA8/I]]BO+S:28VXK7N5:Y3$@G*@".^B7ORA>Y767,O!U]B349'ES\75RJ*$[
MQT1OYM4S&LQ);.5:38Y?=_3.#1_C-8\ESKX=[3][(@*#38)IO+N);.9C-Q M*4]V.!>3$?DRTG.:?C5IODQQ5Y84OHBEB)[X!-_O"D#@ZS=W'_1QWVCK !9 M-94#
(F3WFP&9DA\>C*YT!DN[0!X0@L0^_'/H.T^R,>* DDZ=F%OOYO/^(.1 MLE](UT;'K/<^6OO/?L&]@BQ<"!C13[O58WTU?K>PLZ^1H>"#]JS(-_4-1>[
MRW[>A&BCWX!=#BZN>X/6:)25^9W&0'0]+4P+C*<']D=BIM+WGF&]TSXB<]Q$[2;6T@^\MWQ<\.WL&]\":9+1-HI!$]/H.Z-6 MSU@'YRM29BZN_UB***0O= /!883VK@+NR%GQ*
M>:PT:6).*FKO]1,*S%R&MDN@F-8<2#M0AQ[FX'9/$3OHU'D<6X8!U9+8GW" M57LUJ_I1?=U0-F61&'I M/#5!$T.(D^&#V2I$PED H!>KA7A=*(E!*9+3-Y!
<+HD91RUN+WFQ+3!]J>$Y-D8E+_G)A4B@)R H:)*:1\0H0&)__=(XP'#*D2C,J$ M38D!8A;FAAF;.?'1#:^K@5"^\$!D6^%<$_(S_8J- ME8I5:6,;ON)/[R^NUX5K\.L_<(5K\1^21B76')3:P?
#B.BGI*&:;_/ZZKTU/ M-N9ZNUYXN"_OMPKZ^\FI]I6B[P*S>>B7_P6-3T&;)6@XD:SA]/FY[G#9BKPC MD)7C?.0]"\B3%) ED0%K#(SRC>M?@&C,.!W/@C'7E;L5F287UX-?G.K"F)Q
MXTQ<[3@F^[&23$HZI=:CJ='-_FZ&.._X>5>'5>FE$RC3ZP"73P:K99B:9\AJ M4>0G6*M*UGE/TR#DA1J4@44>C7OF>$]'\?-(_W9F[L4>D67K=S?XE82;J IN MG-
C8CMWU@,RY!/^#B9PB9R)Y#]J8=E%M"$,!T2M'#NS:[^VHCJZL21@OP+DE MA&B"NFY(H(5DKPX[;L[R1\,=A3_%UWQX-2Z MI>YV?
Q]7["M\]L<3)20T%YH$UP,:&.QR=+>MZL03+ (KA2?_B>I+?W_L$K&]I58O,TV3&Z:OA M$<4N?0!F\@%G2U1@#@B#M]AX;L5M+-[:X^39Q9LC8\P?KLR^9M:GGSCUF=?? M%$.?
(:!/C6V&+YOAK!/-:;^ET]E+N^E.M,MM/8ZZHKV]>Z/=7'4[I=[9-.NM> MB-#Z9O2P;14.EB@#"KA[5%GZ"NS78YNN,\LOUFRO\G! M8;DU/ZH0F%[LB-
G=9GP.TVE=U6=\WMD_=6[QZI^H]/77>_\?UYKTV!:43^?) ML.?]L =#C0_(_ZC8QICB.YY:O,GY)ZB)DYV%5A32 HG(58;C'IBXT_C+(M(MRO!"W9-(9^S4EIPAK<-
B:ADVK"LP<.#T1YYV1\>!<+^#LT[S':VE/>4'4W:+ M*TH'_YW9(ZRYQ76!B?]S;0RG4=+5FK+V_L^=_5SA_?;"K'[W3SL'!YZ1\#? MP6
IT(A$K17'=C)1MWET.HI*RB5U0\EL0$L5&;P/R?8[VV-Q_4X ZB& UNDV M@D=^.\\4RSG GONXY_4!UG+/FJQL#>R?)6XNV:"36D.A@ Y%=V5263(+_U,S M)P*==UD(;&!X?MA ^
PVY$]D"K8+BD\TX41V&^8-,>/N>[P9O,\<4[2@ MC5(V$NWT: *ZK-S=+6MF@+!3] A]9N/8,U"J$]7YJK)OBO?C"=5]0\VT7 MF\%-O95/U?=?1M)2,HNZ UW2K38)I1.
(#4S)Z1+LW.X2]/?,R;T0:6T#W6?3: M0^>HC[-3],$+]O_"SSA>$%!K1NKV:FF$=>3U\'2LW.3\T&>B*P;P:OTVHH]\2' M-=H(FYEI.]3EPD."HY9>\]B:1\^;:1"S8,MPQ[85H?L&_;/IV0,W\
<$?B)8T] M\@:B@>ZM0H=:EF.G.V$_T"&F*\?T(\C(GG<(6%NM#A'_VGB*)A6YN>0D'CW M8V5O"@2T)?8<$R="LFWK=RL$=1)Q\MPDJ.O$CXK@I
MYD;MFQ*'K;M=9U.X0/K6$5L8/+^@\4 D:02V+#T0FX5%]T<-^5-X%SSIB3I*IR2/SQF\X-4KF)N8AA(+];:4 ?'_ M>/.Z4-=:3UZV/<'HW)Y MB<8G-L3E,'J_.$H.WD8KQLW5"5
M"D"M^B)=2 QB67*8!**%Y0PE+OS)8C.:J 4.P&M_R2'L7/KXYZL#<<)+B_0\ZG%CZ#((SO7MYFT9H3:%8#]0\V' _+\ MTC]P&R#[D*@UZU0^_DK^3523;A@$$K+-M5"VVJ>*;]KC!_.
_]7"XS;4 DU2'9XWZP6-//@0&X/F4,8MW@.4M^:+WHG&1L(!C_XU.%7A7C(V_M]5WKD:%]Q3N.TP#)L(!>*X=DHBG VV!1?->+IN>T]<_4-1G 06H*_5?9'6K_
M2W9YQ0H&S(EUZ*_C#E"8MB?E0 M8EWR0UDV)8]AF!INB)0I[/\ESXROP%>G3-H/"#C140ZNWN1F)@+2\\.34LDC M20*GFYOIX;$UTW(#2"]>S.D#3_>?M:4\N!T%M"?
[FSW;P#+$%#0OJ.S MCH<]@V+NSL'%M=%>SV:5[D[J?&UQG8P,>HW&"O5;65UZ-@Q,55N0ENUJUZOB MLSX:4+&M=GL]DSP1!\B>>D<3%>1P&QR/L7T
7M.&&=4PGQSSX_[U7HBG._9 MH 3 IRLRT]L5VD,+YA'7=,D[N5/>O1IE^'&J@,I 0-3?,9#3X#&8+$&\A):[Y% M 1-R>>)T%V,' U$NX"Q_EV^AG)=?
R,>N6R#6AUK,)CJ2]8.SG11/Z/?/\M9 M%[A//K]:(]=J%(\)Q&TJ](V;@"TEC"IBKJWR&.\[3*Z!.&!T:-3D[C,TFG!L. MK&?A^<1HEO S?%,C)1A5UA $7XB*;JP>?J%
()3QO)MZ1OG+3S=H"KK=@+!1] M[69VU$5863L5BY#G@MUX0>)3Z1/!:Z) P:@*FP^//B@ H?2HZT>,77;=)C8 MN8C^? "H7)H:TG)PB:@J*
ZP+ID.\B,@"D'CIQ$2ZW>W84!Z(/8PNT>4$\(!C9(!O1MXA0C>#KP^%KKW]#PW?C,IZ0OEZ:S0G1!&?FK\WS M>]IO&?Z)G0I1AW@"!A P-ZT^?
4IM=%P4_=!LMS,'KEKK0#6B\DAFPZ=SW'>Y")TI0 ME=P3S'^TIS1%6)_*_;)L?HAVC!UF/!'X,@.1GQ]H#6L^6B2UOAXT>'I]X7S M[
OF0U/M:"*/OMP6#KG7=,9_R9TV+9=_#S41Z-+@WZRM N*5'KMIR'(N_&A, MX<>)G/9\MWLD^TJ-B09&9I;_'RYE(-UA EG3ZU6ZO6Z%>@JAX16LH)A<7/=: MO4Y^
X,74*72]J*6LQ18!YV+ZVZK;[R*XI]>[V!@!S'ZSW3[0T.=B$]$+N]]5]3^ZQ^F_62ZQ[V) MR<%N8G10/:K:T_Y(4.I7*38O!Z4Q*$/#K"K34P#3P2R<
ST89@HTT*^,W.]Y.XGX,9AT,P#H?]?/7H!-KQ;NROR;OT M*M5->8<[T7::W<-1-=K*>#?[::;Y\F[FG\\U4;7I6[F+06F]U M!OGNRO/%5&Z65NYFQG@S_5[YB7
[=08^3CE)1D/;5!8>%9SLHW-"F53-4BT6 MQN<6"[+%PO#<8]%0O^RM)59K::!]JZ4Z+%&5R7^^F\Z9M7+8[4R<-ZK=^1*W MRW[_+/Y8.O=YQ^63_'J2;O^-%2?
4"NMORWNB=@PBS5DJ_)BFC(GY#]A6YW@S M\HID'E>_@!>:==R83$^>KKQ0DX"IZ]=>;]OO4P#%EO[G1\^%K7#8BZBIC60: M)Y6'>,ZZ?+FG/=_MB674_LX6]'1\^=#X=-
I^#18W%DQA/S+\PE]V.)=:\!-\U,',V[IQ*C)O^S5D\=1_SAGM37LYKM'7L(-U)"] M4_\-&)C/.WX=,Q(&-7ADZ[^!'G*A<;_&&Z@W]7>Q^ M"K"E2YBB).(;\I7] MOSS,?S5.-/]U4$-
J4_T0I6F>^>4%S81H#;E#]4,4PW:=$TUE']20[5,_1$<8 M".U4ANFA1PH+3K[PT EX9&Y>0SY!_?>*^;R#]OGGQX]H#7D]4-T%HH@)TZ)AO4&!^.F5<8("XX.!\9)'N"O_"$Q4$3]>8Q
MV,TU#@U_*9FG2M@?.[A=V3^OYK9E,7B$__<*)XM<&9T1?G=L=(UW(D;^VB&W M/<6OB;;ON 6,=XT]E5GD M#]A^/:U[$RF2VTLE96+^;COG_'_/YLX;W,]3]*X2.9;[K)&-YV(&HI9
MV,@#P2QWG$_?+I0;#%'3O$<5ZE.ZS?%LLL* M9Y9M35G;*;ULF,C>,$H9$PFU =6%;\S'7Y@%?8>&MJ$FDPY&KZMED?W2 M!" C+12+(HP%TL[,A>T\O\W3A>C9P/X/XZK3Q?
7_\^L_\&/[RW4)C8.CHN- MV"@VWX1M/C9N!_+PN$#&*&3%GK&_E./N2=J]A5^_STHU.$B:P?7!TW$O!UK&[M9!/\-!;-0Y+L0PO+%+WE1)_EA6 M^]W"03\<[ZZZQ[VK$6;5-
PV[BZNEDSVII662^@Y^ZF[G59ZZ>Y13UZZM?6P& M-(T7A$/;.>R1#8=Q$_6'XGC2>S5XR0G^_ASN%&:N*+TINK_K07V9IOD4N'J(8\FGS'ZD+]V;#@U^AC73>2;R3\&1R*?
FWP=L\G7:%A+ D2I]CKU1T3\1TV"&'2ZA8)O=CPWH_G$! M#:I'@;;F14/]]/;4KVAZ /EBM^_BHZ1>##G:5JLW!=SBH'=4M.NCTJT'MT U=
MMH<*#W=K1TVX&'0&3<7UXBZDT='"2'O@O)G!I./ =5\9@F5<

;"-9P?*+Y/(Z'BT#Y0HHPMEC?,TSL\MC.L<#W+6"EB*U*=4[M+ MHV&0RVEP-NQ4(,-(W[J))KMDC$GL997"KA'D! ER,*FQT/)RGU*P='U^&BWV M5:-
O#"L.;]]+C@TZQ>18F;KX(P'PT)I@*TV!_D%X6=A= +":'(61]6$D=$, M830P+JX'-?8GV]LDRG%E[UEI.7PB=FA$,&/8:(9[#0D%U'!O:\;?OJ_LX(*W
MC\GXY6/9A2Y+DOZVDOI#I&TV=3A/S+R#@-$E;G?AP@-?/==/>'3_I+1X\MU. MYZ[]Q4+=LL_^,9'%N$@%%PZ$HN=HPWZJ]92;R@,-DLC$ MCX+47D_@@7ST^P?%?O7?
=0'\Z>>2T41-Y(U8F0W_%,P$A?L*^NV_MV-J@- MN A",W-A.\]O\^B4G@WL_S!.UM$GM^M0B03;;FTJE&!P;%51M#3%5XKWW5,4#%8+6L_3]+S3F.0AU']L-
MO/'MX.^K&3;GP)_7VA\V,M8XK) @NH?;'U]<]]NJBM/!?CD-R(\.!?E)C9 _ MFGB-"_./Z]>OT#&G_JL==BZNNSOU*/[EN%"LD :Q!RAV*T*QBAC:@O*6C6T] M7$M_QL2Z?
5]8T7A#OY,3;SB6:E7X -U*!S@T!_R<&=_2WR2*MG>#:?41)2.C M481L@(99-:IY!"!6B"+L 8C8KFY84VAXBRNZAK93_(O']#TWQH'8.XH#T2CE
M45Y+V=RS5SE5#7$LO_(1]J5W=NP>RK&;=&:^8K?N/@%Q=NI6-N<>J.W-[9D5N7#W+< M*$?N".>A#/+39)OFR1TWRI,[,K#3?>ZC9NC82YP!:(FB14ORLI.&DB-%2\Y7X6-.@A_>)

['O()/"T]4$(RS] M&+7&&4W6-.P=O7W'50;"[+IA()'!H-7+V# -8Z!&\WQ%*X4(:U.2;":&_7/K M"#TP_%$% P1QGFMN#U\$F8\5F;H#\! /&8L1%Q9PKE40*-,$TI04P-VE)_#@ M6
=3(<2L]^X]TZ?! 'QFB>=32$8VQ^S'DWG6&U'MI2_05KC@-P_+SK:T)RI< MMD(1HYOIOU=V8._4EW_C JKTPAG1=4JO;EO_#3@RAV1=$3A2[R/BX3D!GV\@8]P0P00?I"$G M-
W+:#A_;@WY,)_[E)0^\M]^\/RE)]IROZ%?72;'F3QA5TF-_O(6#(Y+W>&? M!B;K>PMUNRT:-892<.JL:+0MK11-W F\6/N%(,MQU&!_&I+@F<%RNL8B) M,&EV<0<[<$Q?6X)%!?
B0FG1BXP8=Q@,L('J7\,UG=:2W,)5A!YCUA /S^67WY'3T' M'\ O8,P;I[$@7&:,>#D "9N+V3B*)YK-U-+Y\!3>+ *%(* D",1[%CXQYNJ? MS?N5
]8FG!&'*=%&;M[K;^3O+TES2&#$&B:U< (/7(*L^).WJV5QJ: M']23D%X U8S[((47%^N %V>ZB-=L,%,!>]S,T6H,L\TR, 4,'"$IB(2B5F7M< M2'[@?[_4]VI_%H7#)QIH)D/ ?
%3KC6O1#%-JIET$+ACM[HTRH:+1F?_;^A& F3IV4ZBWLDK%8H8X#UJU (GI1/+-$/-E/3-S%J?X%/9JT6@AG'(X['":N4$/U;ZF!KEP^?3ZE?Y/ M6)BKJ;]Y\/4@5F_,OS>@VO+"85?/3?
>*L]QQ.&K;5V9]8[I(<)/(U-!-9$* MFK29=+'X?TCAS1GA/$YD+UT-2C$2-$@Q%Q/)"4E889QX>#SV5Q;SS^$V/H%M M-=OKP4=]83L.;INNB?B#':B,LZ6[C(\X5ICI%-
AVT(:K$#/?.$$N39OKYI+E MM-+:>AG0=8<-@=PX)Z[2'35DHQ,29W!LM-08:O;8+OC3N>5C[Q 7S.Q,-XZE&RMJM%VX5MWG">@ *?EJ/I5VNS
M0.49^+QAN!N0XGX0JRCRN6C&LHWRFW.6=/EQK 0UA>EO/MW^=HE1-UPJ"W W MZYW>U@>3* M^'JOK<>;T?ENZN?E33:(.'^_=341_!AF<0%XCRO\%-F-
AX>JSG;!MIZ,OVXNV_@:/_3^> M_[?^ 6>^AW#R2]3!;T$.851S0#=]_\R]/A1EH$@-&$M &TL6J?!TDC2T@&O@DO_!,.HYV;CTPCJ//Z%7%38F. P:DXL661 M/0<,AXL2?EFO:
<*DS<55_6) \@[.C+/*:A/%O&7C\[^OA MH%]-DD?FOSH=M&W_85[7]EF00%]^T=1\/"=.%LR(B'?=CG.A!47>@Y>? MYGQ)NF=
X78YH=,SWTFMI$=N(TLQ.Z5N3Q8*'.E7.X*G?;W7CQ>K[+[^@1K9 M.H"U(@#6"P 85#]IA0-UD*P#1>A_5RY7:N-:Y^F4'L@PN=2GMKH:@![*T2E%'[X#'R>@[[;N?
K_2!LCKQ\0*T@EZ\KQO+_Q MV\K2N#GA@%@PTQ7A@#M&6^=K&:.;6+Q/P+$W%F*PLNQ%W9H;"]-(L@&F_,U] MZ+JW\A/Y!/AS$&)\&G^B5,'0YDLQF> ?W8
&%TR2DUSJJ,B;2_BRH_NF37$3 M-D,_/5>2;+A88>-\N/WSR\>K[@2E-'XP]@OC(B"-';%[?L IX<[47&$0(#;T M/#!^'# -/5\C!U)L<'%'$"P<&U:^>'@I 0Z M+!&C&[=(
S5#8VH&$]\ZQI/$3 #;0*(3/57(,2"ZJCHC$*+IIB%C"?AAX=62L,^!U),-FIL-#X&HMP!CZ:998+@. M.B%RN* %3R=AA/D.-N(0< ;&*(Y1A$/I8EIC?AK^>0%:XZMYY;@$K90Y(.+71-
'T_70 M(+81LX@\D8P973@ M@?"Q2(-B71NY%GB+\6<2YP>RKAW>@MKFUQ$44R-4?-8HA4_[*)S@>#VCK^AN M0ZX1)^9BN\]&Y&V+F(C;@M7WG4?X"B[R^$4)H5^!
[IEZ!*#Y7]P/ YEP3O9 M P_=ZH, 4-%E*0)Z^]R,V2K[28YS^8 Q9^RQ_)&J9!'2K?8[LQY9Q$,(602, M]R,('XE?/HLU$Z)M]CB[B, H\!__J MG)YVZ%<1FWRPVVZW+?CO>U#@&
(NY;TLP!N8Y2GC =H>'_L&Y?.2F"!DRZ6WL MN9Z#]WCX^N3HX/"P:U^"$@%]PLG'1_D7A_(+"[]HV?E(U@ NC!%].E.TJE@" MXQ-J24B%7H$NB\,LI@#U:&X9M0?D+UN68_$]LU
+U#J 9NX!\!G:(J11Q 5ES R@)08[0]^):#\111.+KN%A28G MB4"3%?D9!J_@-C4?6F1NF?,X57@706./:%1B2)*U31!Z!EU+7VF;3&NA%7< M>K7AV?:\DQ:@YOSA]X/78H=^DE
2;%E6.:IS+)E:J_@T&6_#1]*2H4K*>()+ MUV2&!8W'P]O0EXM_=7US*0?;K-RLIB ' MN\V2=SH>AAUY0_3+]9M)>/L]3QPB7R0=4!YZ[27\5%Q<[45X41K@GS&REN[A
M%)=V3$M3F#*[XP*\[T7]U$,#'^YI%^=T40*[,W"PSEGJBS,K ^G1@Z>^@(EX M=_Y*&?M-UA)>L,#0]/YDDK5=,$_\D-Q&>"*&P^\.S"9')@S-)^[Y8TO\+ U4 M[/91V_[E'W_2JY,HQ3I(0!
<:4R?M[GZGX[AOG/$>/Q<888\C\ECT0&'WW9,W MO=/B6[A-=OC+7N''^]9W)#VBG+X4;V-@9*7B @8W49_/7%]K\4N26X_P!,FO
MB155)9QDB3F4PJ8ER>@09_L[A]'M$0@01NK/L>^]N_N]A]!/A^HEF2>.;%0L M.#-D,(S+H]SYL*1/P$AMV2"Z]C $I/ C-$AIS_;!/$;/M(4F,-(-=()\!R.=
MJNP@3T9L@,D/.N0@3>EG:&E)4T1W+N518K;/'-@$=#O:HY#'6"*# M.*Y+%R846/(2BM?3>U"AP)I<-[KPW@?.HF)Q%.A ED-N]4C$<19V_#CSG5-V
M'VZF\H3R=UD3.\M=J_+X.NX%?(^ +^E\EUOV_(*39PA/7/ %)@(O8 F^06UG MYMN0/Y4W1'Z,+9'/@XM!A&A?9!F[ZXNJ'ET?N68?%07\P+ B(I;YV%/4D",U+ M?_W1=O!0##S$=
(;HL+FESFJHS^@?!L",OJ?DDM'0".;C "^!N^Z>(ZZ$KNH!5 M<-ID"O9!ZJRE#JI^QB,/"@S$,@K>R)?CS"/0L#+QDAX89^B30$@MU&MI<.A+"E-203,$_Z$"H#>]"59F-#+
(Y^LJ9%/.C71Z5/%*=$'3 MPY5HJ3Y8R_O'U9/ **U*X,.8!I@TD'^YS"[4O: MI238[$'*+Z+20:& *X^R^.A")J%^B09+;,AO@ AI5VO14M:+ MC';GJ
E>A^EK:12(Q\9VW+]GW*3(EE;8'.JMN:B(1J4LE;]XTL1CR'B,HR8> M8ZL.PG>"@E-,6*-4 9\GVX0#3N-$_.O1_J%*+Y!NF>?KH/!FH1 S M&6LA(QVRY;1D$$3!B[X_+8BJ
MDF9440>V^O&455")3W!DR+I%1_X;QQV>NM MF9)A^H=*WM#!L80S>LA8(FP_*D=T'_HNV6 \(B?[A&<(/-"E%%-D>4$1GD2I MA_#B[VX87KWL,QXP)..S$KI4G.=^BTXO/3-
%0^'/[_G%XR^74;F#S.(V4< M.KZXS42J'>,VR_N)[EO*G$IZ[25<"\>FL2T./VM)I*^+-9>VK?-"RO"6$2F MX"3UN5B6B.-@&-"5B$64;D:+AP;Q"=)]=_9
D>P=M%\Z5_KHX.=VAT=M?P"Q M!:*1> WM^G_"A1&)Z@K-89WE R%X.FR! G+G1Q0: &)XRMCDB85/;D44#?)) M,-41R%UHZAT6O4,DY0:A+;QR0OK^I;W?
QBDYLNPGR%G^AGU*X$36A5<-1+H(MY7D0C71S>@!GT'[$ M;BKB:5!MH'(8Y.B@.&'@>KKREL[GQ^MF&!4
M:\K6PR^!=8&>@LMSB+@0W,'E.]D3B_H>@54>S)I^V+*=N;AP7X6$X;L%+2J0 MS\'8$N'=%763"F(@X(D+(D3(B[2R=K82BGR)"**3*\-=!#Y=R2=ILSAM6ZEY MI8E_[<4_.
=^"T3I!(24=RIP!7';B$S>WP4T$]&JH"G6LDQEG+0(5ZPY$/8Y MXJ9T! P T9CJD]!YJ3?DJ&3?,$G?B3"&!'L]SV0$BI*"6&8$YC3LB(P$%TX MU'1.R#B6B'_N.1YJR%S-
8N4F/Q:I@GU&8!6/ OK'" T6,:>@3"*X%\1#!=]D M1>CQ>QY(9NG.*!$,F7(+62!D,0=9I3DKGAJ/S(PZECOQENOZA0E[P!%+CR 6F/;^?17H"@CU,SFC , MF+.JMO@\&)L'.%,GXKHS*70
Z/YXG(VX%,>//-Y1AGG "<'*Q?;% M14L&.^XK%ZU EV&;\U&7/)R2X,'SS%2&B..S_I]O'@C)U^%/EXT1?@T["BB M"'5*Z;IDH:!CV\VGFS@BW<02MO6T"'$CZY(BX($0Y(H@B-
I<0,*442)-%@(: M;C&3<02,ZT0<;<@*RW"A[V3["S83O&N$$+G0%VB^]3$&-TOR_!:08*<[1VR_ M_N7L[.HGZ=O'41PMLBMF4^BVC)DP0H7$ @,:8DBQK*3$)+O1LOV>NG?"]T%A
M_PFQVTG/*X)<=#P(JIR@TI)-?)K**1S*!G:5*H>3FTD!(;Q$.KP2X M$-M(XTQ"LJ.5I>$&9AE\X&-]^+AA_>]F&B&7GV I"E:@@;K"QM"86VJ!M4UK3
M!E_(;W7:^*VDW^]X\5M5B\'51=F< KSNI[TZ+>$QJQW:IH2]X2IGU..GR]G7?KWS?O\Z'$M)32-+31]>[Y?[$&KTSY=J-_JLUUIUTAY%];_L):4=UHGQX73 MNQG*EVDQ?+
(8[:6T(KUB$4H%AZ>,)B%Z%##4+)*V<*D=/4^/-]_']K2@]=9/ MP^P'U]AF=1EBRM$"FLB?#&0LKY'G4>OXI" .5[L5\Y!QW.H4[;'UD_&ZUSN9
M3<62W6GG9LG760>S_*9LZ,G+TX"=[J?RYZN1,,;-*\R=_FO^G7P M UD'M]$;&%NRR.[&C=P2CZ;%V+%>.?B<,<+)IM=_J6$J!6NUJ"(VSO;9F]+ M%!XO!0U-,
(KJNA)O'L#JM0ZZA>M53:"WHT[A8E +R@];?)YU.+2GOM4YZRU.^ MVGMQ5@ZGY-M6ISL'1KB6>]_A80'?WQ E(/ZJ0DFKO2@MYG.2I&YA41=Z>*X= M.(!5P]H8/IO+.%
[H'<]%91C)7Y[_JCM[8V3'SLS>Z,C=F=D;_<=+S7Y7?5<2 MB@,$15:MEV4Z87^J'(O'QY MNUP=0RM7LW&27I<)>N>M!K4DM5A278Y%!9D*Q.9+YTY4W-
5[7^WLL7XKA>%Y,49LA=A<\8V98KTXF@*GSVS*JWLNQEJ@R;XX^LL!&E%UM9?51;KU6K59+- MCS913%XOE4?IRHXMJLKS/&4N?$&MJ6(YX8-(@Z9R2)VNT)(MBT]8#(I5P'/%
M<67)8+VJOB@33.6HFBRRK8X[:;+(-A!%4D>O>1,C4(79-EED31;9]]?7X=CQ MUYGWM] MS21LC>S<)A_=B\JK[=I->3597NVD*:]6$9>:!Z$OFB6B^"26[Z>O6G/T_J4R
MHZ)AKX+Z>=U4W5<;%093?747S< T>X\M[CV.E?N8W+R3+F3'2)3R4!"(+R93 M<#)HW5+%VX"(%/OX9)?T@K9.3 KI:"X]"IW5\6L^Z>]?=:I"]C#]DL17?
M1D1OCEI9I;M#*D##UF!Z*ZZI9Y3\Z_-[]%J]>:H^ENUT.&B=M@L9BAOP?71: MA_,D4)?N_B@6%M@-83E'<<.R!=514V"OZ@Z0N5"F-8)Y)AGN::BJA6!LY%' MM>P"3(_,^"&;E3]-
N/S9%H0Q\%/LRR!20YRL5=].$(6 MS&!\;*&&+7V?J'L4T/87.'H],<0RK="N6XO722&$V+E+.D6'*4H#UP669 M2#1KS>.+F",+4!!]T%KEVO?4VE?RJ#:H?H/N-
^C^QO'N!MVOPFP;=+]!]U^] MY7[W$?Q=JPGK=UN]PWI683QJUS/!H=,Z/E@L5:!2N'YW02_0%H)5AQ5 U;L5 MH&%KP*H5(_MYJ;]2/^H[!]/D6_*<;8LYY,BNV45#. ML?
YE"ZE>D]90=52_NC'@.4F>(7@+Q&1;LRMZ93'91A38A#R*.BK/8+X\Q%RO M)X//W>GSX8N"1$@1L8)8UX1!V'@6>D]%;N!^CO SB,H$::!) M.O:#XZW0G++]TR%MB/D9W(M M(-
U>ZZBNU7; @BT>YUH4W'F]8,>N;>Q+?%0!@*4S3ZN=!F&I6M&=J:IA?7CU M8>N@"GCU<>T@K'H].Z2'HW5;[M H]WHMR=3>$Z7$%BH=UVA60Z%LC3'<-KKY,
ML6Z(6;"WK#"RK_^W,QS]]7V+*FD'O)<#U30QQZ'K>F$B'%W5A<>ZN*UXB4. M%?D?VTY$T&X:1?]!\::+JH*B^C=P->K#_]@6(
MA=.6R8+R'M;PQ]UF+O\9ABC391XPH<:FU:$=D9>^%&RQ1 MMYWRB7QW-\SW8;8M^Q<6L @6'<7UF0O2VHN3B-:F'#=>X[%K/'-QZ["/JS&
M8U>%V38>N\9C]^KMS2]D"IU5U4/7.:AGLDBG=5J$]^I!^5%%?*++^.@6\]!M M(:90T:E ZXVB:;0AKMS-PD]' M[M<;D;#MOAWC/'%8XU=!M1*9L6TOV#)40!-EP.^JQEWZOCX
M)D&>!=_ 2="E$Z48)&=F$O%)+)-3D!T0;]=UL1X+7ZJR129+.]()OAX)C' MP^A [;LLV",Q2T7&3'6'J!28:/OL&DJ'X21E=V7.B>@$O/=&RDTH/8HX M'P9K-R1FI>
[E]$&HP4/VWEC#[WMZY2;L/_U\_E*Q-.$@>,9KAD^CC5LJ^^26>ELZ^*266[1%O74 MS+-J"_ERREW&E[IXBKCWA%K?:^]W\)J;K3X^A.J^TQ573]TVB:5M(GO,A9EM
M4E4G4KNF3J3__;].NIWN=$*J3'N%5GT91])+EWZ5D.FB![:IK#]E]VJ$;E:* MF/7FBI6G];8YKW5/JJ TVLM)Z$BZU&N>-A=B=Z=PVO:2/1:$3/%>;:Q*'U)
MV^9AWLL@RS(Z;@G4/I^J9#D:1.\[X[UP,"@D(PDHWXC>OT:@'#FZV_[KM4+Q MZ8/.7W_*P%+(8GX;4/*'X MT2@*?V?8*8*P?OC1+?,]D!\;A,*_\#B!.>];Y_QQMG"
MYV)GE+>LB5PN!Y9B. HCS/^2"T3#(*E_&A MR#G%E_4Q3'W7"D*4SJ '5_B::@AS Q+$$'=+WEX.#(_ICMIO2FE@Z&!]3MX#O'2S+E^#_*F %_@L MGV'$+1 /&G?A5XH-C#SI)<+?
&]YR#R]^Z-A!2C)..$2QW7T?]]ZG M9X3Q+)RSX7"4PCOW'_9Q&4Q3,!2AC9G,B0)&"U-/)_$D';N,GZ5-CD2&"]^ MVH00Y(Y@]HIHB<7)AI"IGRF82+[GW (Y2@1*H3R*V CFHN
],JC(R9UG]D[K MJ'.LV%V=$_VU\J=6X:>'O1[^5-;/Q)7BSE:>[GR+OF4/IP+7I;M[8)A1PK6. MF/(AG528W\0Z4*,FS'$&V3="+SOW'>=6P9JV"EA$LGN8S0GH;'<.^9\\>QJ3 ML\E?[?
3[?'5)!%/4!Q'OQ^AKS:GCLCUG#_3]NL81/&7, '*?^(]B9! XK(B M[7_I'O'"EEZ<(X'[M/T0#&+D&'TFVQDG N+H%MW!G[P_4L_U$IX!?>Z,/,I: ME)$V?[6Y\XN
Z8\4CN/!]^=AX)*%P7W$MYLOD;D2W_@Y6CL?_?"Q7-]W!X3--"IK$0/=+RMC0S&M7H7WI92SIE^ R*$YTHT?$ODCAG\5:<9V.)9VC M<,@U+PSM8SEAW).C_4/Y=@1@P.$46Q@
G.Q-V&ZSS'%^&0$_"BI<&++:4>,TOZE@5LX"6: MHK0?P+P)(ZE6Y>4,+!*RV;=4LY56LJ+;E*P0)2MZ]:9D1[!S(RR<1FCII 4$8_89V);?AC-H-FY9)DL.WMO1F3K' M%3 (R!9Q /'Z,.
(@[\>YVBBWX-#Q!1+0$BV2!8/"SZ7P4NNE0=$-9YDXBZ?4 MY%>*.*NG<8;&6=8S*2"9_AZP<-[#B9M[#R7.< =8,GVD7U8).0,C\\?PF!"
M($I46GY@29:2@CVF07TF@%RP]N<@!=V$RZ+#E0)CLB)7IT?)Y_F>$ M1@B.7"4%/M:A M']Z-?>(Z;A>'*4C0DXTK_[Y MY6\7[_H@%+X+%T!4\>B+)G>
[""J:'(B##KX#UI6R\&AW8YXI MC(8AT>'A1^@%II<(-(2;'A+9 M,BQ(LM'QFY+^%9ZMF@8*_^6.(8&>VAYFS-
M/EO&A9O[P#W_Z^T[A1FX)PH29(U])8\/G3%&C:@0.KC;3#FFRZB+AL\;-F^+ MM1W>TL[* .O[?ZX3P5GS#SO6C.0S7/P\"YC6!).>OSUAA9B9BA$_^0GPJD[.(<_BU"
MZ$#RIU1I1;LP-)S><'HU.?W!B3Q'J7>!7Z2(Y_'[Q!AC *C*6 * QIA5+$(& M-I$L@13G(FCR/T;#OK%X&KZO*-]SYB6O/5Z/R::TR MOCONS1UKV%LV=4MVZ9M("YK$Z="GK!"V??
LL,0>K R,E<>)PC]XBKVQ9F<_Y MT1G@]QPVOZ6BIQ03II4OI:P4UT-@T)2[ULV"XBFW!HLE^B&5]P-'YB0PC9E MK1S(J"NX2KJ4=(0Y-10*2D,-5-8%3"QA$JAAYBRA(BV=B?]
<_X5^<$]'N-C M2,6R>"J6"DK.570,;I+%,>4KQOP5,&I&4=U8G1 MYR!29G8M8>1[U@!3!702^TVFIQV9XXJ>*RW+ Q^/]D*/QPS)Q(_><_Z@J4Z M,G>:TD^X&'
"R^GWTV"*CZO+!E[?2TRGX[B7I:\4DV!DK58>M>@!&42"F"VE M,JL 5SC0>$8\& H#3P.&(NZ!\?R9 685T6O$CW(.C,CQ8! 2-O!3/.LR81 I MSGP,(N !J IME Y"
[#TP+6)&Q)&XI%,SB\Z2AU%&Q-"]94R*B,Q+QGN^%_R@ MO(*^B 5LV5X0Z02=)IV@ MYJR?LP9DH651X3N-M/+00G*J/((08Y,962(BQ(O7F=#?0:((Q T0+:MW\S>(
MHM7:8!@&+*'[8HMG2Y;@5KI"$$V1@93=J-MU$U-A3QAKR"/A1\ES#G-0;.6 *FHP'YA'\AE8P_'?GM6K#&_DO03Q)L&R6*,A$(40$LPQN7,B'FD)4Y)W?SUZ(PONU C!(T+$LQQ(@.%*
ML@1 R^(N/)I$G#.CW#!%$F-9 UX;5C$M]=B]"T5)!S+OD7$IQ4B8G)Q+4:80 M'8.<2<0O/@O?4/>4"XC(\.XO31");8F$HR:UJ ME>#,P_612=(LC0UH[L A8"(C@P0A4<IY1+;CQCF0<-
=,2/O!2TLFP.72(/&=-44BZX>;K.V;DJY=<_W2. HR)V7.J@1!Y'H77-;R;M.$YH"LASTK>!1WBY."*Z7Z7_ M2)&Q_)S: MT7* [O9#F.B;A1.;_8 D)SBUK96%D+C-:S5;,:]
<71KC06J5F$<9W(NC&B M]-87NCG".IXK(7BN"4$KJS1RHX2@J-*5*]LR111&) I;A;R@%K$*Z" UNR;M%/@03AV N M2@%,(@KOO5NP75-A!(T<*FP&)\(#ID,O,# *7SAIEO#5#-
'Q^X.+Y2SSD>0- M;#><^WS8]875B+R!1U"L-&'4.I/=1;\F3X MCBQ:H/H2 M/>.8$HZ-"P:L.J9;&JB,L1%BNR)%IQ*GV+K#0I,5&29F$^#5,V
M3%D24TJ9]0.*')'Y%M!EG6YLQ(\89Q;QGI.8*=\P9<.4)3'EO8=.ER1"%)F# MX+GNIO%?1T;[FNXKQSNPW+$Y((+>06OQ$,@D4#[F >(1>AJ ;NS[XT(Y)\L MDJICO%L;_KC 9?
^]%PL[G>=MJ;+V%#ZWA^L$2@7[(V159SBD$F/_Z33VQQFX MHOE\V!/KIY.>) %MCX65/\YA/)?%FXXCQ>9RI3?SL.]W[/N#H35Y=9I>N7@ M?
B5Q<'9D0]KKDJW#^[$\=AGS>WIFQM]'W "_%OE<'*6\>35T.4)\+]H\6EG6=XB>#5DS1I;9W;=_P^02P5%>,.&WEZ2U M;#<"$1!H85FW8_NU]U.>XHF,1)C!:P^?"1-&
[DM+-2OG894RB1%#.#.-+PM@ MYQ@'L%]_N?[P$RK"(':T=\)+$Y7V.^&T$-$.'-Y\[3W\-"&K1!U!67UP4G31 MFLONY,IGE0;/SGC?
_N3]8(]>S!3*B*T%7(YYLP<"L[&VCT(W97<1L31:%]_L M5ZQ5Z[%$]4=54D6ME);,G%\T6)FK(B-[M>U_/Y4G!8LVQ4R@6!0: MQ4L%2]9WS *1[71-56,Y=MU";)8U-
Q!$S4GH^:Z3=1:#-PW6-(\"X_V41?XSAAE.OH3PTCYU(VQ>)Q-N2,T<#-U/".:Y#&+ M19*Q&>$MW0UGD9P%>DQ$=K3@*\NA6#54ZT[LD8&/G6[\,J0Y=>J0S%I&IPT:
MX'(PV'OG^+H^_&#"F:;&M:/&OV,$4T4]J.(U?0@9[MWR1K)@6*?JT>6K MM0@EW8\B]&X[<8BA=F,P2?X@UP CB39H*@]9-JL)5U>D]DJ@@DC2;F 6I]'
M;&56'5E\.2]T=L<4/5W*LSC6F$AW^_8":T%Q<2*2Z':+1R^X!1QB3"T7Z!JNF'.RV@X_D$8ZLX==LFB(N^S&,1=)+B^_:P_*FH MJBG"3$E[4) A5M-%VZ)_;Y%=+8(7Q:F@P&L>I$(.#
?KMOLI#X0!']:XOJRG M(5RB'#+FD9-]QQO*A!,>_AKQP(B1/X(U@IA9Y_7,L'[HQ6FB4]T"*P4Z3; MT6KH!6!D%!I%];_G!_TN+>-@F&['#[I&F;X&%&1[K_J=A1@-_MR:*8@INR\L;VES
31C+[*%\7'H-()@Z=D&\#G\FB.;S(]MRAK=;LCGX3&5EU MU;#7#*\$]AFOJ[1<LPLL.5!$UA MI8CSQY3[2 HBQFN!%]]+B$D:BSS*&RIDF"T@O* \X!Y<&G11,F'0]8A9_M
M6^_@0I;R*$\0P,M-(.*@,V^KZ7V&=RF=,HI$%;.(.G;V,6P_UM,1SD"1M+0K M'QF4;/ R;*?BR#A/E7)!L#FAJ62HCA!S=[DNT)07]8GTXA_<$.[+M>8AGY0? M #3+5;K-HTU+K&R 'LR
&3K69@&F2<\7'?D>W1M(0U^4X@,OH>]N,U*X* M_!$U7(A(W>:%P!KY_AM9>)1[G<)V/5!_5V+[;-6PHCV!OK(W3NX Z-7"\)OS M>X\-[_D4$OUR4W*W@;2?HN"^(6WXGPZP
!=^MCS&?>DTW/V.H>OV4_\3UR/SJ&K?Y2J MA;M1L=$P:]%UZ(PZ#-B=TQY(VG=.+!)$$#7.IM::6$G*LN& ##)TRY1WWK+F MFQL/(5>+MCZ>KI1(UWJ47DCI*&2[1=
(Q8\5K*1V1[@7[HO<-M@N;$FC^D[A M3LT0RE8FE$F&W3NQ,K;]L4B>82X).5(T!L"@'QKGI$UU5)/PWDA[\AXQV0 MWH%>XQU8H$1,WA[OM%=JCYNVGH[.U=GU5T[1Q06F-
W6Z?[W\^H\/U_;%EX^7 MUY_/OEY MW][/G$"5F$?%O,)H1.8U50V/T+=#<@=&%=:I5U*BLJO2TLK [5BDF'/XEN<] M_PC"Q\#B*9@\4B:1R?/^6&9-JP1D_F*9BY?WQS@NV%$Q4W$?
DZ,;_#"'B\K3 M]L*!E;ED5-*Z2-6^%&EU#A6=POH?F E]CZ%4X2,8FA2;^);,397/CT9GYBT2 M%B_>WBP\6)-W;M'!2JL\QP^S=MK/Y!7*"8)468HXTXJA)!]J[_WZ7/4M_I0J MP64I'\+
\V6\%EV>/ISCBS\[4?^>_Z9[JO!<'>ZX'9Q>N"B5HIOAU@/GA9=? MR*=N/E?889_?UIJQ*"H@0BZY\\&'5L:=FRX;VO'3)7-R+0?%=#@;6GF+:&A M#DT 9-K)(_,?
Y.5RWSHS7/AEY;KI,9.\U_!I5JXN(QE2IT[Q;(=E4$H9,); M,S+AEVF76,B&GY$'_YU9+P\?M5<3/FK1GC)>$T=D>&>5.+@3G8)$;70]^,]% MB>YZ3-_EU%[UN0Y6(1U8G(6#H2>E;
I\=3B"'JR\IX1R]?I8IC";2,B@UG M9:TPMM.:75E+*R2$D3X\SNI%-;9L8XTM:^TUMNP7%)EZKG3;RNM/68;Z4U1& M(E0%)]96?
\J:6G_*7G']*5G;0=1OR#UI/7BT:!@AGHRGE>F0N"&:?J!V8EHP M8..L7$=6V0(Y-=U4)@,(R\,)=&AC 34&OGQA<3SB1Q&_Q8^(L-(',H%GSU- MYJEJK]\E*X"R5&$NO#3*U%.?%9A?
M8\J2ED $=R2.(N\!+BAX@X*K(9;UI;M3R!V0DX8/3XV@3T60 MGG[@+!P-A6?D$=(A*^/D"W)-1)\2Y;A# >D?]!M%SY9GF2B2HZ.*5C\HP^^4'W>R]@'?XG"$U\(T4'R!ZI&H@^.0Y
3FX0H MT;Q:AE4+P(X[R,G%25I8'$BN-28C 4249G:HI(L13#G@5@J/+A9!#R6R#Y<;D3%S9Z3$P>Y:970AE'40XHIAX1KL$F_88 MA;+A'"
(U=.2\""YJ:!GTLZA]$2U'CCM\!P5!6*FT^& 4I09 C6.L'?SAHD,0 ML:-'O;Q@EK.U;U^28U!3*,6@=Y%CP&60K"/E)9-IE%:A1M4.G7 -:4$W*[]O
MN"HWE?"#S<6NB&$@5S\;8AM869]C1-!E"M45$(-?'>\1./0&V_7RB \K@Y]S MW;3.A:N ATA$]M>;S^=8;>Z$]80^Z/<0F#0:RR,F\SX(Z)-1QISE;0*]GASO7H QN:+V/K[9H^@N-
Y=S+"!W.+Q%8$9<'$DC(J"FD%2>90HE M64507E05,9?X+_\98.I:YPK-SY(_0'J M/BI0EHF>K!8MV.."4LQ?+AO_R-\! LC:O&@#)6?B6I1N9U*.6;0@4@(5;FS M$@":Z*!0:
(#MU.59DL9IC[*M^W*%+XW+EH7(X^4;HS>.VO\EM9H"(^;18=QJPS>P@X17>!@/ST+(46F%Q2MI:]EV$(>YB%GF5Y#_3N),X/1N[B?&:JEHD*9GRHE?S0*CVK\&IQ$](B-4FJ
MBB+HLGC@F+<>A7'5$VC@"X;B(>3#3Y;?7;CE68/.F7*HQ!..!*IOCEFVLZ.UD MI9YLWQF#J3+@ZEHB%ZS194%N&6$X D;++9?_6IKU6U;W'W_.G9HMIYA+PE
M6IC@8A9_HDE0K$UN"=\$ALMG_@3I#2/=*6(2[KT[*B3,L,&X34PLL5M"\C%R M6VKH:ZU.^>0"P5(,T>(&-2T7"(>U5,_SSE%6,BNW'A_DIVHY8+@K6(8XM+^R
M_CWO:,!_J_JM@%$A?T=!L]E&V*XY[-;BYR)G$1XL&*3[R'B0_Y <,LI=2[=: M?EK[B(-K-84Z;44GWP>.T@X,C^F/1 MO@#HRND:93X,P(-5;<$R)>AHQLM?
L7PXZIWSP*=W3"C_".Y!RTW*X9.1XPG!5 M+O-.3[K+=UWX3?CJ^/6CSS,XDE!G;OQ*<=_$4;#D51>/(G#/+0>9*4==0!:H M@8.Q0Z2I+:0]T192.V?H?4N
<_[,'7#_F[@ATOZ\7&%QG\F"5\@CRP)@,T2 0LTZ1TDAM; M$QJ1K##-6B/W1F:/69/VF/22\)8T"2B3&S*S8.I)JFPUC#LT&?N'9>SY Q* MJ.R5DR01G[+6IDL9@-
FQ4VJW9<'9IC@$%P%?O&"+2OQDS4K.SIY7D$26;J=5 MI)?!$13%I!7UNF4!&WA)7#0:*%9(;A0%]&'K7&4E97%2#+,227NUE$]RD 9B
MJ47F.T=#N&PE%9NJ(6=Z').:IFK3!9*S;8E<;U\.V$+>IZF/NIEGE,*T. M!TS1Q9 NZMNK=/.SJTJ'G-,7)E HBWLF4C/X->6J9E]@J&D24*SI"*U7B'JC89^!4UZ,".>WGW'W>]]%XYEBL;
[VGN;]C' M.P"YK=X51]>Q)H/HV9CVC9P9U/N7IS9"1@A11/-/U3+\P(Y^N6H\VBBL*M'W[M(V]-A'CGP"=>H";4HBJGK/?-8WZX'X9.>':Y4M<)]NH9Q]P*$X_1U*0H44^] M\VX)$8?%*
@$NI2SMI@AB^F$_F!L9*ULT=7%054\70ZHWEWZ!8)'ZFB^;3TJ6P9(YZ2F>DWQQMVB#5*T MD?3%VH!Z%! OVTO12)F FQEW+5MSR\!K790(WWF6/&<)NK6TNQU2S0)/4WXM
M*_?:I6..%Y1J/1-S=6Q?*-0&OF"W]R;#3*T5;DQ]T0Q:\A&N5&?5=NY:<@ MN+0*B+C+P"!A@RO @'LX>)5U'R^)!E:AJ AV28QTU2^*-%SQS *9'2/U9RQ M\)H']H]*C?

JCJN)!STY+MW+3.&+DJ[I-H/$7.[MN7"A+Q@HD?\+89L=0#<9XG M5+0#9SJ9(FUA9E&0^1EX40')51&[PWCG,();*ECQ03CT^EP&8.8_U:P6H0VJ M!!>J0%Y+04@H-
$@>1<*)J7X]A2:+^#NJR1.)RY)H MU*@JJV4BH'.B:CY')+A6YX=+K0*B46CT#D5CJEP+'2Q;]$A^1*\O[F[ZUUE_M*BG'>4!C+!FKT(B*.X8DF^J!M<2! O5"E"06FD\L24OR]'1.RA>.
+.8P35J M>GR*-K84_!3U M8DVK#?_F[;1B\/DW^6P@O3ZFTNYS575_*[(9[L'J0:L*8PF!:R0OH&C#N 3. M6FSD\,]48TLGT$P[C'@BP48@J0KDS0P2S5*11G[+UCW*\IJ"
5!@MRMO\K/I M,2RJ_)XO^]XPZ58QJ,J6>;SI*!,WJ+YT#@BX= (>B1.P6[.*0Z R9257Q#XR MJ=JPTVZQ$S;;%?5W*%)0L5=61?Z/%'Z:%0=$%J-X;KM_S_H_&H[9,8ZYBQA>
MBS-.&:OJ]\&=):KGQ3R0ZD&VS+8%GXT<[LWJC_L^:UAGQUB'N^D8OW: B83! MPG2;]"URH#PX?JS?2;V I^L32V%T7<,PN\4PNK%#B"G:OBAFB"VD]2+! IG4 M2(!'M!?WT0]"
[-48.#O+0EE=2+R,A5'R!O&0*+%\AS+M(L=EJE8L2s&"#06R_EGQ(WV/P%BS03W7BL\H&GQXWP:>+!Y\>-L&GC4RN MMDR>*+_+34 4R,
(GI^1OG:1HPQDOYXPT4#%^6D'GS'63RUIMF&.WF$/ZKN"F MF(BD7E!.V'R1$?Z04B] -/6Q< &+W>(+%8X9IH41"'3WDC(F*N
M88W=8@U0+E$(VF@HRVM1D?!')\HK9I'T*^MF: 7(J=VG%HT]$2DL\CWEWYD^ MSW0X#=XH#X6+QGC*A9([V.28S@].R=$<9SVQ17C3D/.YH
M(X:2J5YQKK*3,AEYQGW_/@C]\,ZC9L.U8;&UQ_U?@FVL=;_E\>]:-KIJ49 + MZ9=B0M1EFXC(UVI7B.HZI5?8?\F:T__PWAKO_J?=76V?
F>GE0:CA1GD,6/M:9X.=2LXQM=Y+_QZJ"B4TVY[3EJPL8?GC QD?KKJ3X3O(>% MI95XX.4OJ9ES)!-"O=C^;UXT'3CZNE"S\;]Y[B[(IQ$>AWN')\O%(>8V8F/* M0L%:D?
DJZJMENVH9._@ABI+_!69!\I*"HH0D+^?MV.>BYNL$D2=[O^Y0WMC4 MLBQ82*ZC-LD5U92:(UX.%IM\\/I47>S!JG/P:)RH]_KL?!:=MV MG7'-"XL[WB6HQ*8D2082*
OV$*.8@_G*5WL)Z\XP1U1!+0'T7C@I9EHLL$ M)2EQVD2W2_$6.CTWPF5R\-KYZ77W)Q3[;T '8U]+^[!]A%.X5OKC4)(%W4B7'Z/*"8?HPU:L)(%F\M]N"T#ML=F$&!
MW&D'5E#,%WFRURR63QRP:"+^1^;&WX;ACST@F]R.6/Y$KME ZZR)5]!S=-#]E=1!ZU!V5KJ@$I^T M,%O<[>9+&"@X5H@CD18>6ZX'C"Y2CI"[L/]N;/_->_HY",OF&#G]8G;X;W7
M;/#W5_W.X2N;K]K?7WE/R<\#[XFY>P/'C]DK.W"&,"76=W^&0?'P=MJWAYVS M*#ISPQ$<]X^^<_>*]M=[>MCKM(].T))[^6AS#=5]]=;AWP$'ZD.^G?R[]=(5
M&&5Q.+D$GT/7&W@FPGHO7@,;:[I!#EZ]'8HO9RT#\L3J6>%K- P2 V&'*^>$ M:2,=O7J,U=2:N0@.UYCPTKU#BAXE#9=U$Z&6&52)9L9SW-0E-3+P,%99]0,R M%B]R8JX[1
,$\D1SQ9BU:_,+Y:2H&V]*L3G+DV6+!HF>-$&BBP>)'C5!HB_N M]WM0DD%RM&]_>+KW;KVD)+B@O+/+_Y<;&BB)LGF4.=*.T5\-V%7" E/@G%$, MAT#^ZQ6RK0;[+G+&)R%B?
G1>B8.0H;8O>6RV[2^4J&VW3ME7PD'S$#L-$8!CEUAQ]3-42V+.YUCQJV5)=Z'2:VI=P MO^'LDSIN3TW;O].!-N]WN=#N]TW;[>]_^['8/.F^8T^ZVCX]/C]L=]M1I
M[W7^9T0M8O;O$[A W6 X!WFU7;NY/_M,DF55>(3)WN_[LAQ,$EGMV>;C,C3DKA%S+B3LGA9QBOTWW) M3J,H),(Z/2D.MY #2UL^
XY>COFT!G_."Y:AUUG)2:S%\7LA8#IZ7*93_8;M1_8T,;V1XPS8-V^RUD:.B_I<$76@GT1]/=EIK;,%55U1W)E4*B_DE9#Q9A0.E"1*J$[,V' MPJ[1>^)[UV?"617:/QZ+PMS\[I8DI4\C+?
>B[3#5LYP&1 MO'K-BZ;YL =YTY\;W\$]HSEF$3&W*/AOU[#@%]";/2=A--&_;@X/QM_.Y50 M8[LTMDO#-@W;-"9O3="N3GL5L5,5/38K)>P<,V#=O46O_GZS"76))F
MGMI/I^NO^#3_!)>0#;5,1:?C9RHZ[6XH[_=*CKF*#%Y6&(A:74<;]_>P <. M]I,IMQSTE-J;ZQKN2BL[BH:>WKK14%WV@^R_HWI5]7C9.V!TQ)E:XB6\MBF\ M%LL[NRF6-G?
2F(KI>K%$0V'(6V:+OEEA8'LPY"V[=_P!+R3->-4\V5@+ZZ"F M6'(8WV80@P"?P)KYM+" M6/JGN\KTMJL/UV.LX_MMBAMIB%6N(SOQC_9[E,J-5;@UI=&2EOXC?P9.#XKOV+
[JW>LFC\DDTU+ERY MB[D)ZOD_7B[3SN\]-K_/($XISO_):\=C,=Y54.\OH]\H.^-'+\XSD]*,I2V M4LTAG/.0_M/!W]RDON\].$'-SF"MB>>','.GJ4-8JUEHYSR;"OH2S_K4Q!G=
MR]FQGW5!K7S%U#G>/*U^R,IZ5;UZVSMYMN8R9B?LZ5\0A:(1 S!*EYT72\>^0YP9A &C%<9OV<.$/+6MBWZRW/A M)B/_@]<^$I0-UXA<"?(>+R/.GP9V[R=
[;5EI/(WW[AQG]#.U%OCD)\=Y]<,OY M$@:\,6CR"FX@'G]3&KNO[*?8^SQP?-CM*&6OWKS%@S6#@&Z1@,XD =BKRZ/. M7?%9X)Z'=YX7]*9%"P_>[Z1C?,O34&7D+>=7(]+R2&A ;
.?5C6FS\Q7>^TUTG :85*(@] M;=POX943&0:_8M$S?+?,,A2$X JI,#8 :1N(*AC0A^!I\4M/-B M.'*\"$V7<]BTNSD,EJ7VJ5L0G>NGRW"4N@5#L@2R%M_%;L'"') ,[%Q7,@X*Q
M12=",_2/T4>5]]"N?PUGDQ?#5>^K$? M99?UO:'CQXB]%^=2D/@?G"@ 0F*@A.3<>\]/4;21&^;OK_;F"?^WG>Y^]TB*
M/4G./(H(6>1Y(@L:87DB]T].C#3.Y(+G*2RHBZ4I[.X?'YHHG"V4GJ>P8&,O M3>'1_M&+UW#/=.\LV-_?[;(J<\]0W=PQT*6W++H<"$KGL,??=GL'A^UVNTCN M(BQI)+:@B59!
[.&)D=B%3KF)VEY!/[VS23UH+2>CFM1YWN,K2> M&*@KZ*ZEKH5+#%S0.GJ&"<\J6<'ES*#O>@4=4<09/!;.H51/B::3(8 MOKV"S%XS38;+2J\@FM=,D^'T'A0$\)I.C705!"TZZ6I9Y
U!T7QBN-QJ%$W MD0F(^,(>Z9N77U-,,N#_+'"+I\5PJ@_,,KA("]=&)F*F@S1+D&,6S.4OC>&X M'Q1$]9IH,1WS@HA>#RW&HU00S<_10M]=4J>A^,,3B_J>G(/[E\8Z3=Q3$-#/
M,O,LTIY#'QR; 9=>UB0UQNAS' $#Q>2VJ519CB0APO)\+(H,QW/ MPX)$GTOJ(J_?.D 6PDTLB EJO<:8W-A+V V+'KP^XU.Z9OWP+J"WS.FY6%Q'
M'A840>5G83KSRUG[FYR%Z10N=S_8Y"Q,)W:Y&\4&9V$\W045]X4E'!1&_+>< M2^M1076M>E##V3DJ:*55#VI0A4<%A;/J00WGZZB@2U8*")?A4&+AO_J\2;C
MP&O!7GJF>!2S0;_JD4V\;#;?5SVR0>H=5<)8/S!(LJ-YC?5R*3-PZ'$E+/4# M4SQ3)2SU \/9.JZ$I6XZ <<;0EMZ!F3L>%ZT9<6TF,[?\8:@%B-?,PAJ,7+R MIJ 6$^\6I/=Y&#Q@8F(87
Z(KK,A1KWSCQ/F=E:@1DR,6Q#6:R#$Q+4G!=F\ M#D(,2N+$$$M=/B&&LW-B"*LNGQ!3E*LAU+!T0DQA0">&:,/R3XWA^)XH$4O1 M;2@H,+CM MU@Y*-
Y[N@J&_;GC)=!@+%OV*I$6>G8+IONI!#8;@:<%&7_6@IO-5-@Q\8("! M.VTS,+(PC#5K;%/"0ML,?:Q\,,!ZK3-X,:JQSXT):VTB_#%4NEBRPR]HOB\ M66,;#E6GO2*4>-
;8H2I]HIPXEECF_)AV@41MI*[RRQ2C%Q?#O@PBQ2#,NFT MRX$?9I!R9#H4Q63&M9!B.B.=% M/-,JS\!TMHLIJ16>@=&RJ%;VZC+GN5(K$N=X+!:ZL+WZJ6.W\LAFJ7.S,M!
MFJ48_>4PS3):LY@&NO)A3:!),:&SC N\<>AB=F8I%]DC4T&%8K9E.6.;L")# M+F498Q^;N*R83KF.Z\>QL?1+.7[06:28+F7%A,NUD&)D3$,%EC608N33C8] M9K8MQ26Z%-
>6XA1=AFFSW,IU4F+BV2RC MYZ,I9?+F]RI60967XI["VE9!E9?BDH M?:5D&5E^*61\I6096;Y^0+?YC"Q7 66C\S =JF)"8_7G83J%Q1S)ZL_#6!2U
M@D&/RYSS8B9GA0%PXPDOIH56>0;&LUU0F%6>@0FV+>:I5GD&QO-<4,-5GH'Q M))?N+# ?OY?'=2YS9HH9KRL?UL3HQ736E0]KTIK%7-65#VOR+4Y)1%VY5\+D
M8)R2>+KRL4U>QBF)JL>V^1I+.:57D7A@X?X^L

A^FM\D@]47GH')*97>* M^:3 :B#T8O:>\?]>!!?! U@Z831/XY,EJ2CVH'#&TKSJ4^=-6)H1BY(Q@K;) M6>#BSHR&_6B68(@0S>*L,^8&W^,PB$6$0<2/F,;5&"/R\%G)_K!]'-3IA9*
M6JIBBBF(AW,GOB?><9G[;OP-;$Z^;S&VK#F#-S_,2]{2!$V@_VC&.KYFT5X. MQ U6MA):03$)(R%Y\#_3W:BT?5+:9P^.Y^,V#<(H=A;=K>=).C5)MF+6*9D:
M'ST8C'T".P,V*G&".P]HXC7!XE6DB%@?I)UQ=33-5%#<FBDI8G#^6JREC=W1\X5K[3YF 9N? 9B((K&L" K:EE#$<)%0@JR>@V$F REDX*, M7@,AIJTI)J@*@8<-
)JZQB/>4<)IE$#SSIA2S2TLEP72K*J:&KF$[3)9L,;MS M#828A'\Q07,-A!BWIB!H2^4.XZ841&>)))CNKL7L2V4,@+&-%MU[=IMHM_I^ M/QVF/C;Z)B68-R?>H07!5G/#-
U);A.27I!;OC*NDUB@ B\[1=;6U,*BF"=: MX;7M%C-+P="_BYRA.#0+-)Y:DH"BGS8=C7R&=R_'_Q:PX<@/Z;+VC@5LX"6Q MZLE/UB(,F.O,E-KEV+NZ27<$!V\\GS"BRLMT.4 ;D-DR]Z
U4A$7PY4:]ZK M,*8KRH>G!&$_X(!/7IR\>GN?)*.?W[QY?'S^W_1 M>\-!&C;AAO*A<9GBT^GH"TXF:P"DUEJ>XI(=VY[U&UP97/)O18.KFD:2\RC MH+GT?=G(+&8H8%-8>[>8NGL-
QS1(&;]5!0F^Z[N7W)^G<1+"4! M@/]W5]]8K&,*!>\:DWFQ6W3$G69>_/N>/B!<\?T*--1&K'%(;8Z]G2[:TSC M+9,(D[0U)O"6281I.XRINV428>]69TS:+9,(@]G:-;KEDF$
;;IFOJ3EDG$ MB;&GHBE&ODPB#'ZOKJD_::E$&*YUW6)^:\E$&'EBO1*3)'21"/RT+O)H($1C_V:,3N2*T[Q>Z$EX$W(TZB3Z^H.6%D?YB7NE,^N.%)C#1 MPDT&+EZ!'E^LG?!2L\L#\
I)_'_ONK[Y%I^C%>/[0!YCE-F/I!J0/"N";?O9FFH+YN+V"K15WIR!LBA](YNMXL-9&B[[>]\LM,?S%UH9[R MRSR[XPK*+S.EQ32)&LLO\Q1/ZRF_3'4YDHC)/W3D)8V_=[KW_0:
@'P7@4@MG1/PFDJ:EY%5#!R(I MEDOB>SQH%\%'QXOHW&0/KD@4FVJR="?2J3=-X[%I'8M-;)]S77YF3@Q:&^73 M13!*DSFNWC.LHG08AO;-5-
E1(F*C6S7395QK0HH7EE4&66&XA^7>3^?P7M= M?/='W[GCM'I/#UA$$K3*VX'CO^P9Q'_V^_3*,*W>W'?\?_-G.A#X*+HR0]U M\.KMWEZGN]?K+.;XR@WU/NRG0S46-U(_PF=Q?
JS#5V__NUN?J5C?-C'+UZVX;_.SEM]TX/#%/"3SA+J-4$U<5@I?HL?OLWWPM^ M_!SW]G0@?'M)_Kf/J(M![FT)YTS^T]D0M#7R7@$].7><.0C$] 0VCOE('&8 M1O"W_33T@QCX,G/]/-
U&_GX8W;WIMMN]-V"Q)&@-OWK+?^=SI^ZI-Y(_?64/ M0'T ?3'.^W_;_X/,;4\$B4?X3+QJZD-O^P8?GG:G?B[-_$W6!]\>ADD0 M)IDQ,XOD"8>/G?_[-/IWISWQ=V?
B[^[$W[V)OP\F_CZ<^/MHXN_CB;]/SX-ILPLB5P+[$9K8MGF+$P6_I(_6AY^+' X]%-K$>RW%'S/K[M=^'#F_.+7_.\/?EC;A_ 6]],C*6-/Z*S.3$^\%M$5LE;9.^]=@?^7[XD^\X6 MK]?
FXFH_.MKKM;.1^3]0^6O"0CQE0N$/(U\K^\E MGQG:\[;K#3'^(0ST)!L1+B$N2[RE#YMM7-LVEG@:CVHAF?)*O[>.T]8PE4]_>.;GH0X2C BTTW[MR64DDOKS!T!\.XOE5\?
ODX;=094,NY-FCU>^Q[UE]KA7WAZ?-GMWRYWMVF7R,ER'8\=/QF>!2^FOC6+F6]UMMGI'].GUVSU MKJCI@V:K=T57'VYD][=,"Q[5BA5?SP@## M,, 8W,F;WR*$U V>
[IQN!3L]OX5:FX?C%2W'>S6&G&9\T2 MQPN8*VOH;:&^K"7T40^+9R685Z^D,(+N9H"073&4]KWWF\%O=LN^JC8'; 9\ MVF6SK-K\L!TX6G6MN6KO_F9@K^U:Q-YY($\-
%%UO+MP.Z*SAP@7@@0EV6FDF MT2[=YMWB)2Y@]N,TVW^GK^F3=P%E&[3%_8U;>4VXVI5O'FO:6-W 52KB$.D MS&VL25C6FE9C.W"AYCJQZ*6V4O&FO28L:VW 9*4V_F
[,+6J7EZJO??;@615 M^\Y3;0[8!?"I6E>E:O/#-D-95;AA57OWMP,#:ZXBB]ULRRHH=; +.%PE/!NE M[> V VZ;OQRL:1-W(A"M4IZ-TK9R.[#".IGK:]K878#?]N/9**V$YG: :8T! MO0 [=[
#I5(32HZC,'6SBJ]96IK.\3=P.F!:5Z4U;>4N0%W5NO.L M:6.W&[@ M5Q#U4K8W?YK"H MS5]>]KWWVX%D5?O.4VT.V 7PJ5I7I6KSPS9#656X855[][<# VNN(HO=;,O*
MHSK>!1RN$IZ-TG9PFP&WS5\.UK.))TT0V+H]&Z5MY79@A74RU]>TL;L OU7' MLU'-M8DOFI-J[$9>.EE=S*XD'7WNJ>+WQB16LS+TO?L@?GAB+E? M6?
\^"/WP;GSMW=TG&Q2IE2IO>EIK.,B<-E@G6RQ(XKVM-;(R%*"XCR-DW#(MHFOF.VB6Q??>]"F*+_FAEH"*0;%_9WC*F?OVP"+G;C;R53_0Y+36$4AT^IA[M!?
RNWY'@W.K?:!Z'*Q:1H^%L&*;!;*U>.Y/MM)9!1=4]>65N5:VQI;I:UVO: MVUH#3[4TB-:TL;6$E);:6-*7Y /4O>P4]<]/(/7NIZ?)K*+-ZR?1E[BL?C#4]]/7>9^C,(A MAEZD"9W RX&,LY
WSG=C\POT<+BX'X6//!!N\="X'<$:.^UNPT&UX]!E2PB5 MQT&]AH/FX:!-!8=47/X<--Q3&^ZIGNPY;+AG&O=I+HM&&B:4STW8DB)TABP@9Q"NY9S)-\-AAH5"T9U*DM)+R+
[%,YZ=-I MT.B[*,I+,E)C>'#N:9!H*O/-=63-;5%G3\Z7O2;XZ>P_^J?_X!A'+ABCS]A M7$'>':T>N@B EV)ZHK-UH4"=3FV!X%5L:'<+-[2VV.PJ-K2WA1M:6Z2TQB*W
MS.B13FUQRQJ+W%(WM+888HU%;JD;6EL\3]O03YYSZ_E83*<8:ZF^:^*Q^(YW M:P?!87Z1JHURTV>! U//4H_D)Q_#B/6=.-G,(3W<:Y^691=UUP]{O5!>=4I; MBMIB.5-
R'S4LYK.3_;AWAI^

L?56L':@@9*!;Y+8R]@<7S#7Z?#N5_#"*8=?F)./#,'MW[BH[;P0"VV MKDQDH[M^(. E2]'%#E;MDKAX_5?HEXGP+HSBXKPB1^M5H2O_\[Z,F;*+<5*
MF:E7R\O<512Z:3>^YC&Y8].#UV>2-]9Z7EK@R#>[4+7LA+O'[AX5WDC.Z]OB.@ MLC[69(G&/W^[6;>SN&H%E#]]VEU+*[NW5>OSTNG5+A"@LGM;.3"T5[N8@,KN
M;>4">'JUN^G/N;?_^+71M[6# BJ[M]73M[4+&JCLWE9/W]8N?F"]>_NW_V]O MS_Z_WS_=OC_N^_^J/TZ=_!X:GIY_'#_'P:?WZ>.OQ]'I\:_=W]]'=Q]\=3I_\I:?_GX\?NS:]O'I[>G?
^[_>#>1+?1U\OS M7I_]N!C]>O*C^Y3^RWGZX].;__SKP^/W3]]\]C[$P3_OGOYS_RU^'_\^^E?4 M&WQO_Y_S_\/NK@]/CFX_/OW[;'1\>G-U[/QQ<7#WGX]A^RJ^^3W^[=OGA\LO
MW3_GUV.?KQ>?^_'_B'=Q;_OG?SY_0^__>ZR-W3?'7^^C*_<3CM.DE\O MPY.#C]]/O,^]=I]=U^_?;]I^O+!'57SX^>^_S_[_,9Z;^>MHE*N8M9)[0(OYCP) M7[_OO'5R4$M4KI)
[6SGKY&!;4;R-G-MJ62<'VXKB;>3<5DO?'FP;BD=.8\O7 MOQQ\#^%533,#N=/;ANE59:>KIXNW#>&KRDY73S-O&IY7E9VNGIZN)?IGCFC@
M4;UL&$;CB_/-9>-73#W7$@*L[@973RO7$MFJ[@973AD?UA+>JNX&5TX"]82 MXWIF@X?#[\X#:W2PVN!: EW5W>#*Z>##6]=U=W@ZNG@6H)KIYVO"NBFQT]73TMB%= M?
*.IEYUXJKDQ\ZT^VC;JS);73D]?;2=Z%<%MKIRFOIH.W&P"FQUY73U42T1 M,=YK5K0+SM7M%I^=S3;'YAY0M2<.&SZ0&U%5\6LO_O%N_(X%_?NA$_W(I^K? M.&
07K,'%J3L"YM5>6T5A'P=CR;*!/7C?&K9^/7$F&?R?CO&L:O%N-7S\:OI<>A8?RZ,7[U M;/Q:>F :OJ\;XU?.QC^NI3^J8?RZ,7[E;/SC6GKG9C+^> MC;^=GMN&\2O&^-6S\?3<]LP?
L48OWHV_G9Z;AO&KQCC5_&WTJ/[8>&\:O% M^)6S\4^VTW/;,'[%&+]R-O[)=GIN&\:O&-7SL8_V4[/;!-].[^YFPQH:]J^+]#_=3A]OP_Z59/_*2?_3VGEZE^?&*V<\!RN6PXLR0?+D+-
S;T3L7=.S-Q?PM"-SP+W2QBPX<@/QXR)*K3QU\@)8]>/-+P; M2]{T*?(;\%@X#W]\.VJB=H[AYISLP#FIGCZIG1^Y.2?K.B=SX-&[HT]JYW!N
MSLD.G)/JZ9/:>:8E0USY3O#%&>HM'VZ2L/_C@AC1>V#X0+?=.5WK;GL![["G\ M& ?>:Y]HVR:_6ZY=+B8.["HO%]UV;:%A;K07L*5K,/LC MKY\PE_;M6^_E\?7-
MT8O9UM>6Y2S+EM>/1%=6\"NPEN^+@E=6]2N06!>O/>U MA?]I<6XGG"2K/;>U1<\JO'S?;*.JZ=VJ)5%=ZI M2E<2ZW9J!U:M$?
&>X"J"O"_3!$^V!8BKXAY6_/C6#I"KN.GQ]3%LN$MQ M5^T@PXJ;'@UWZ=RU+:!D%;=^7:;'MH"35=S#BA_?VH&453<1[B,V5Q[-#C!7 MMW8H:M4MCX:Y,N:J'5Y;GYU?
D]W1K1TH6I\MK/CAK2U@>9/ (N#OSWTGCB\' MY$Z;*&@3#H=A0%_4SQU>WI;7%M^L\):O2U#7#]"LP=Y-'M_.U$$!^ RNO;N[A--3UJ%;) &+/G/%$_$&\W4]MN>UQ?*>.>8\
M/0^6A,5G"QWUG=GUVJ)_\^WZNV;73;N^?N#OA=:-OA0KM6YZZX>IMHR9>NO' M8E:Q@L?+K.!Q.2M86RADEKDE5.^^V=N-JBT.+. G>QK7R1*?;ACQ36$;.YPH#AZ,O?
M4MDJ9(,B=K")#5DJ>7N\O7CJ:W% M8:JA7TK#3'NU!5.J#*"M;_JAXF\')A!QQ0O5T+==J!/3VH)W1SL@SP<%+. M"M8 NBF86B>E"/V#VF$P*!&^>HG/+@<7@>L]>&[J^)JF?
AB=G97<3(:MI8L0I7F<9"=4IPK 0=YH98:I#'9FIYPZ P?;"$+) M1\1W&O,$U:HO<%:;<*A&,305V_)MQ&Z6.-U:RFS5*C=TL(UXT^XRVYH*'1W4
M#NB:%Z64X"0]AP2X9S'W)*P\E:?";%1QF54[2*X&6[XFR7%8N^2^&NQ=M8_K M86U3[A;T;U_$<9#R4.:2HAD.:PL]UFDSJ^TI/]Q&+--+]_ M Z;M_QPY]RM5YNLZT=L(]E5O-
RM^I+<6N_OD>\ZMYV/4KT+O%HPTKM5IKBT, M]M'QHM\UCM*(VCVB)<-=CZ-5E01UL+5^6P#!D/.5\XQ#+D?&9.G$;D';L(M1FE2["0T^<2'IQ'#OD)?630K+:%^;+6UP-
G$I7HQQFJXZF5A%U%7I_]%OI.0O;^-C)7 M,;>'0NDNOJ>>MX]K"M+477-*D?X\IA2QPMU0U'M<6#:Z[]-H5!JLM5%T;$4;4 M3'ZMT%8U@SE\T35DK]K"X7617SO-
70U0OVG[;U.0;IG1%\<+4^C0'VI7-4 M]0U07RZ'-4!]]27RF -4+_;0'VIS-4]3L-U)?)6R<-4+_JBV(%<-12.:P! MZAN@OE0&:X#Z70?]2V6O!]C?
<:"^5.Y:/U"_\%+D\DJZRZ2%=?,KN%Q>21IX M$\L7WSL1 P:20XL'AYR5W@H*Z2'Y3OE=-@J^>OH0:>R^>FM^O1+>'']W.\<_?
M;MX7WF[K\Y@YPA6+M*ED(U%5:#:Q&_B&+^F014X23IS#N6G+'9.)%Q8&>\^" M<.@%XMLI SZ[UL8A)UZK\X*:][QK.(A9K !/F)MO>-J/=_6@2![QU8L9.H-Q??Y_C),
MG8$9=E9"]$,A?CO'IO/X.<>D>>O_Y^ZJ6FG>=EIM?#+Z_I=_ZYSU3S)/U%[_M4E0WKQ_?I)G_\^[SOM:])/TDM5/ARGS92PLNO=C]J1CGGAY@<>>A9%1#1W1
M];'L%W/3E\DE.VVP5+RF1US)/AZ-[_2VE7S^JKS.I]F?Z:].RP<58_KC=/ MKN'-X\(XZ]IOL*E%-%VP&H@D%:9VE1O[FXU@;C>=)[_[H7O3\KL/I^SQT]/S MII:]S_R'GS!'F'_Z=-=A]3-
^5#]G#Q^8?]MASYV;3T]=O]MY9IT_;FY;]Q\[MK'7CH[I;J?]V=KY5Q[:^T+6KKH=F"5?GQ]9-^?O[M^W?OJ_53T]_J7VO!T>I'CHO MI@4]G:8Z=F786?^I"E$4P^X*C-
W)T3_XG^T8Y^-UI63&0W(;1RHM__MU5I]M@:V=QN![9I;P)@BB?L)=%\;<*^\'+,%4@+.>PG.F4!3'&9,)Y,6):D M)A/,ICP5,4Y90A_\@*CDBL6\0!%ANE8IEC%O-
U2@T0$PEIN)M4*VL3\13C$ M3@>U* OA#6PJTD@R0@T":8(L1K,$_>%** P;#V0P8#:C?[/^8V%&,0C-()96 M"1]*I(_U3P>8H1V*P'DXHTJU$F@ !L!A,DQI%)H#
(ZF8'Q.:OY((BDTWX(B!*]B'9*3?E3K130 MM0NVP=%0TL@>@3M3: #2:"#;V;/.H8#; 8N4'MN244;TI4T-AR5.A;GC<-.; M(X8MO9FY2W[LN;&KW#C?B!O^%SCZU=C/F6[8
OU%7$HGKXXBB4>'L"[C1KAC M&-B4/25=0VD!IFZ$?"9+1*@?UT.A A"@&*_\ MXE" %3E2.Z_!@"=]P5HXZY\R)6P1-E$Z<'$@#O-'&J5^$>9%AVY02?E#DO.*
M3#%2ACFZY>@GM]XP6:VLMADMVXQ@LPS:YOF(%A007NXIMF6*?0?#MDRP WZX M")X%$(%O#,KM^%0]&>)(+2WEPI3.# : "(VE)6UR\)A(W M$&6:L[AN7MN,4-
QQHPBO9J#V"MVC2@F)@C-6*QGRU'G:LS*4W$B:@V M"8V468K+W*D"IE,8Y[1(6P&/4F@?]1IR@D:F.&DN:\F"5#Z)"B_-Q+K[U M!#6$RJ&_"/>BMH.,Z_T
X]96@R7BK:\CJ_A7K2P2D)J!M",9$JV0\R>S!1\IY4,IU0Q+?*+AT*CB$,_#F!OV@ZBVJK%2?2K\64AID9 M@GW6Q:A!H$WH/)5E\DB#P52(@:,21Z4Q-DCSG1< S((:1Q3[4=I%JP$=4Z
M(ZXR)P_$0Q%%R&[D"/BQ)F4:72YAJ+ECPN)R_0:#<1"1X@1\0K0YCV=I6^[ML([H\FEK0=E?-*\\JZ\66*_*]UI(?*E@$.-.)2$>W+L'CG"S70HA]TR?NDN MKDAN7,U*DFR@/A3,Z2#
(#(%T+G!:'K5:B;5-44$_LF PB_THKZG9P1N>1. ; M9&&A=>%Y !*X>T2Z8DRRJ6.'N5L#;J=Q)@F*HZ<($8Q"C=R*%#HX84J^"'RX M2\6%#MX/+U*#
[2FYF_<=%S_AOL/]MA.6=/9F)S\IT3RC9B) G%B)3@1BJV+/ MI71KZAM'RI5]8Z?1GBO F'$LTU2(KPAM3R.>I/I0PD$WR %X!UFS3C?QA3*_
M\KP0GS.)";BC(4L"=_=XN+_"V$$AV^P*HZ602:!(@A-TNT579H$4P' 1J4UO M$L:"OU#DE2<6+O9R29'I6:F\SWZ3&BO5S>7\B*B,6"T6/$1/*Z9:\2:-BE0* M7<
%)#@>'O]9K)/-8NPY%LC-IE#IE?7_^]AN5RFQV1U#"R%<9' 2>P"H<.H! MB+N?*PLN>'D)).15B-!45#"^\7/KJ80'!$/E9X(U(X'.E<9_@73P(ROQ(C5
MRMMHT.MX>9#=_/6F&V'F$+B)X8T<**!#$&Y Z$PIS%&BE^-!B6\MO-?>>&+!: MO"\VM[,K4#L=]1R\V2*\VD#%)6ME?0"(U<_R=SGF ?=-YW+]3?W[%_E7KG.Y MM9O,](O>:UK?
P&*Q'^6!<:UX\,+]QQ?85G=KW& K?=K>BI_8D\4WK;YCO7]T MC;15!1C/^>TCCK8E/PZWX,@VC\:E8_"$ M7D?-WT^EUUC_#U!+ P04_" +B U9L-F_ZW0' "B*'_&5A,#(Q M,#DT,S
O97@S,2TR7W!E*VV@ M(Y%-)HRR23:IULQ\-%4N\,15INTJ:/;7[[EV%=*E?-*T/1.-R(=-^76O[7/N M/3;5N@[^K;2NN^T./AG]M8)><-,];QWX3]0>%-6MB[O.'^PQ^..F^Z$6
MZS0[8XW#4<8"F0C+;L6$/>B$IW5?4&>/PLBXAH[H>E_V2[@9R/2,'399)CYG M>US) 1Z-' RSVGGKXKS[>2C[,OLY[=M1\[BQ?]0ZN(W]TOCK&N_R686T73) M;BC23)C:N3?
V@XU@;I?=AZ!WU;ML![V[6W;_\>'Q8_LV8,'=7S!'F'_X>--E MC6.^USAA=UT.L^LN[OE]?MVU^ZK'T9H+I::?S[^&2CCFU\ MH6OGO3K[E5.'QUPI.:;VH3"9C*'^_;E^7S;[U.
MO8MQUU; M*_\G_#QKYXW]U@$-]LSB(E3_S"WM":5#?E8,"/&4DQ$A*V4EGW*N0&2U13E M(VTRIE-VI4WB]Z5QN/=?IF-V+PRWFO72&'05; 2G=,1$&F&L7_-4L./#

M.CLZ/#H>G<.@@?Z1SOZ9K2LF,@_$T(K)_H-7*W3YVA_+6Q<<(M=Q-XG4_;4 MZHD2T4#4/40*8$0:*Y+JC(58)BY3QM,IR]/,Y(+9C&QQ*.#1(]Q(UR0 Y1D7PF7PP4 WU?2#JDY-4L0
MU"FPTW,D;:BTS=&/PKW1RF-P9'0H(A0#0SO 7"0 8@^L[N=PR-.!8&U$TH=< M"5MH")+&ISMBUS_2*(W3R!?MND$E:>G4TX!.,8JI"^SP8"6W7C!9K:RV&3^W M&<-FJ6
6Z8,6I(LMHS8,"/>0(@-J^0=OOL;F=P1%@4 F!,1WR9"G01.R'.[M?A<2>!)!>6O'31N<$ "-IC:2D5.#4D4C<0';OFJFDQ%1FAN.-&(5[FH*X7
M:8HJ)3(*G+%:R8AGSM.^E9'D1M(,I)=8+CFF-%)N2?6XJ *FDTARJ4-; 8\R MI"KJ->($C5OQ2GF8F/-B?C) #Z_&%E4DOO4%-4120G\1;7/0>V'<3G_W#019

M"%U:36(3>"VH@DOY@,TXN,>'YH4.+N>U6.)=S,@4;1DB+[X@6]ZF)-2G.=28 M5XP1),K78TC""-"*P"%LAYRK(Z]%3Q.[W? /<"B(/:C]!!R_$*H'Z;@J;CF M]$?_Y,
<"4IRW0)T^CD/A=C$P@:W-!E:--R=8D9:R?@)*ZQES^J-?O1:05L*% M+:RC%?GA.G?O,5H\"D[B5)1SNB:_YV$:9]2L:UOHYS7QDX<"<(R6*NCLCG5#
M'TY>.BW;]_\I_;,OU^1"+!G^^_A*Q_M*[BH*[B\5U8SPGN1>.BEBY,H>7[= M *G^]M#Z4%$"PLXW)0VLPU6FW%8"72*2X&Q3[840:E&\3MZL3
MA<4QG(TT5R^.B'320:PTZH@PO\D/A,?-:W4N$YJ%?XB_ BM&%R67=YJ8:ZJN M&)U(8^545Y5B MH:3; ;,Z:\RRN%"CVF2-XS+,B5=O2)?P*-+'-'UI$SR1,G9W6:CL U-<$CXA
M%#G1(NDNYF^NY-TB;<,3Y?"\2_HT?F+*F/!GI^@RK--RZ#M!2Z\!(9;7NTOV MBI)'+PR.RO>I15VO^E 6K2?01:K%Q%:6W9)XS16I9M;*,-_4PDUMWVOB@L/KX/F,__TL].[#
M"/I)GC[=K\?CD2*+\NIREWY;O]GAY-M-W7&!2E Y*W!6/Z# O9YU=BT[,B%K M+0>[''UJLRH$2#K@SGKJ\@^]BX&NX@^\$&*6)(/&JL0Y__<\I(2QO/0L6_%,
M^(SYWOS!^&-9/10T.JQ/V.5RME\)C3BP ''*=&G/YTG!ERI\O<>FW8&76\ M"WD)#R=A[,6^PYV[BX&O8>?N!!CE1%U7V=97;8CFNYW>*+/L-#1?9K$EJ*)<
M'E0>PC41%:UNDUOOA1\8%D5N^4E"!TFUL6;#7?0$2.[6^*.EXH@)$!*N:(A MF\LC?!-2L F=BM-):WQNF*%P%5"];O1P=)V)G.[!3ETM+O^UV7L0:LHP!_O_\
MO/;$_$1A,9CBA7[YJH,YCLU_J/UF>\O0XO<_R@/1E+XH%GK-#-#Q?$[-7;.! MF9^46S>T8%%"\;TF,29E&\.3TR$4!RU(7R6E52?/.%B;2?%,#NOPITUW.@(V MP%)=
O*G&UJZT=1""O2<1A#6'$(T7SA*;>/)@J$9+AD%,4EREJ6O%0V)>ZMPO"CWA>O/+BX"9? M+CVZ2N8W(5.O>>CS@'V1RL*?="=1Z-?#@1 =^7:'QWI+)R=D6_BF"Z1;ALM!
M!!^9TB3J^,F!4JB-=S^:.&J9-=C5L7ZUDLS+)>]%IS&;2MX\N4&LA#6MHS#E M,\LIVEKH)-7CUJUM7*R%T$W+81A'1XZM+Z/:0=.](H55_,OX@&+FP4AV1&O M:Q])==TV
[7(=5YM9HWVGD-.J<=3AIU!L12]DY3KM%FE$)M975V@Z76E FX[MS(M@W=T3;=LI)$2!C(_+!\Q^E'RB-@] M74',/CI8#5P?-1;7!7E&: 4F_O*PY\-
E0%A/!YK=1:SQ=K.%\'O$L'B9Z'%& MA5M'XLX3A&7-Y#6AV18A],W%C':_?FY*.EA+S)"XNY.ZE29L]XE-T.D\9FVS'RJC8K)+Y(25!F%V'Z1>^J6W.5E4Z;M=V9K<3,%(<
MKCO&!N4MD! S;KH686V.N&\K,$Y:X=3LNHD42\X:FY=/RVAKP-A@!@[B *(M7!AI-
@K,)K8Q+R(#!U:U4^1H'"9IEF[J>E97QTBKK"\9F\)D$!=,232TML:O%6EW_0=_/5+3XS3Y_/9LVD4!:!;I4;9>'>&1? M@PQ_8>A0=)I$9"CHG=I
C0=^&WEQG3ET6QURR:7,OX5\3S+4%@I';20GH< MM?\E&WF(*)X^9<<''TUA-V-W!KBZV%'*F+<7!Z(P G\55..S.[W87?IS(N)U M8%J(#NG*7T,&NA'*UH!8JT%.QVVM.878&J5[Y5
YV G.R3*AJ]/#*YH$N9\= MQT$R/POG!&HG$$$.&9%V[9;$AY2#V-6*D0UK%KQ2C^+&-AO!OPY*:6#B(MB4 MWZ?D]YP=G8^?P'-,M@?':I<@(V-]G-T:$.WX*J7C-L%?(;;&V54.E0-
MWDWH M.EB)/A&&9":812A,T%G(-LB 1R/BX%/'':^/PP#B-"XC,C+/N6?Z+36OE!9HA M@U9"XL!+P_1ROL7SJE,TO?5+D*B4TMCU<80M!B&4J/62RF9M:0WD+]\IL*[T
M(,%Y)7J7DLOY<9]%2W8:AGZ#M37XZ*V<#!3@2I'KS(;B==;V8SY48Z9'TVEK M"R-1:6*(4@%CG25\3CP>,.)W:T-L2/ITQV[^+)!4/ERU]2V."&7JDX5/BNT(MH%&0E-!4Y-6%E?I%J:6
;JD7;*HQ[U15;QYA@&2E1W,ZYE(30^5#TE[Y^;C+ M2TIF,NZ''*A2+M\#.R*G<>;%#R%3@*(&\PE'AYRQY1V@K"HUO2D=IC30*^7V M ^
YZBJG_L(3%4B:Y&W.4MJ#N;WKT#]2Z:-3'7&!*]A>$[:&<\++>+75W\4U M@8;$!^)UF&):B58>OK!+^T^SRSF_CL4^JLD)345B75A5TH'M+]=>)>WRL>Q* M>2IRG)EIYH5O4Y3-
S8:#JF!="1^X$]VQ1V/&/*]\)7025\8J:E-9ODK4*FG!E@6[(,\U M/FD2LS_Z(L:3#A$N,R8_J<.'.;:5C+L"-&,H:7/+ Q+ SU(G>">]WGK]!0GR MB%S.:^?+[=.-P PM$<."@ZE81BMTT:ZY-
]S,V R",,JY4[6I2E54=B1!<1+B MK\W+1WO;!AY?%< 8G(XWA"$=Y47[T&64,*SO5U!-J68GULW3A6U@?G#MM45Y MC15(KC#5#[O9W>QVQ1]]!+YZ^"):D0VT@A1DG=Z;
M&)8$T\=R" ?8]]E8=2L^D$"5A-TV>;24J!I.!S:NHRJ5TMCMBU.USU&TM>#7 M+ZC+14;%;02M=\DI*7@HK9?."/-5B:1I";;9;&559, MI2O^R;J+M:02'#,\:.Q%:] .5I]
(\D"]QT7HSW@G%=2UUX<3AQEMVK7&0!!' ML:L;KZA<7M?DD9T!>0>!>)[0I5AD!ZORA_@>IQD73D\4QM*WQAJG'6W%3LJK M9C7*WO&9':SX_YZPJ2046^PF'+C; (7?
K$KZ@((1\L'?K5L8V/0>].I0>TMB)$VN/!ZOB%4#\4745].3%$3$^/:?A*U53=2;:T36E52O*1%(<4!%J0A'RZO M$S2JK]KCZZ0>OZ(<*\8R^3JKLM:NS9/ELO+_\BS-
O)CW%KY.HN@DH7RW'BI7 MP9 /EPNK1P'7'L!C-1]?IUQHY-3[#0Y@\D<<:4\S@2#X5^>IT6UR[_^:X=C!VLSKW?$BJ\\IE+.* :[U!& MC&\LV)?
4S^_)&_;O)$YK9;NW:HD:+XV&N37!&'"O$CH(4,)_!6 MZGAG@DK0;X+&/+47O6QE: J\'6N4@+PA%[^^&X/,T:5.YEX>96,0:P<<*U!> M-CPE@?#.DBAY6!5.XGG#HP0KF-9-
S>$C!#NKURREIH 29?%6J3QKTV8 D"-BM=6@A/&?&!KJT=SBB97$TV=XM=88=): 81D?L1K M)9" :=@98VQ=!J$SP]23O-&0],N'KQ;2- VO'*0/EN;M&*?S&(MN&D-Y+ FGJ9E6\?>]
(!ML,[E&L)<):RV!W!93.(/E)HP0(TK%:$7(OW/;=) M54;?3@(:PTQ)##JH* ->QK*X$^6H2+!Y)%,C*Y[*&$A$>S"W?1Y,):./D3JN M92R@W53S69D8;R 8Y2!.RV.:RD,-B3(D9;-GU(1><6
@ OG7TUH,'2BH>Z:W*QEVW*V\9>2[5/:;AY M1.GK6"%H='9MW!Q%.>*B!&4*+/W._6!8CK!,C3SQ>"'E7>]+ TNX?VB[ERDX M6*W_^/>04".Q>J,IWIAI#OK$769Z>QNC;<^3%%
(!RFPW-;E-MUE!"=#VH@V MHL>KER!MM(Q4G80[,$9_*JG#*GQJM*FP729%#R-J^,CQ#AOBX60J6'Z/DDK; M16D4Y?I-[%JK)-L@1"LRW4;UPV""^_"U"NZ#=EP:4G
?!Q/YHC1.W;8(W3)3H%%9N@:G7E"0]%"O3@>ZKRMMJ7+ M&T*?0I]#74ADUZF'9DDZ 01^""CKE\'=Q M^DA\<4^K'WM2"5,ZMJ-T1J7FKM&7HP(=+>HDIQ<5ZB<&)
[F%_26!%\R9/;'% MS-?D24)OO(@6H@HW-FT;Q MC.J.^>)>Q/GZQ& YX.:^-= M=$((KLADQ"8K,BEZ*)%51NV!>LLRY^_^"A^*^IC PI*2C94A9Y.?3V[2HF,!']KF5YY*^Y],^=J=P+
TM.G MZ["-B8T4#0!%>B.58*"Y0&X M^6V?1'N1K3>,(YN9S?I44"ZVR>B=745O<7Z4# F:[FI*O+ Z M%4D(#R,@Q^F9FDJJ(2>=G.CO-H0EFW8:[HR>A50D,(%?
EHM5W24,R9;2HO7C M![=ULFCQUD,O79Q$R?.:P9F?A4_B1'M&%:%U1]>G^[X-Q$##(?9]Z\\$=$% M#\&U$W'I+1NKKWQ3V8"F]%_R*>7G5-"#HN%T"[(&O["_", MH)$;.
[:.H1*$D%MO&5K"K5 B%*_?8LS388SKV^US M8B-:H_$=>H)FXC1##;@+93^&F/#TWN;WH^#NP(0ER0(X\#MW:Z;0A.ADXX13 MZEZ21HBAF_%R%P=LB^>7SCQ)DF>YMQ6\
[BMM*15WCV4PC%;3WKQZIKXR4/.WX!>DR<2Y^I]>ZL,JSAC0'T. U)2 M*7L,EQW"SY *"NE2M7(L#_*4#9"F-T4-F?0PB7WV7UH6-CFD) BSZS#]PA3G M)F00ST/?
B[.*^FYE%"V!=*Z<@5G",Y[22D.&>K1>?4,+JW?E(>NJ0Y\(3Y9] M7##^M8MIZU8>VAD;S7/2JSWD9@GNU"':A1SV.D@0*Z98)P57C$@ZJAB*$BT&.3+ AP M."'L J,;.H)U-
C^@Q/L2),_,B2U?U92\W:\.V4[\D- 53M%?_A)?Q(-FPF\^ M6)7D9W'P*??XNQZ"5O[7C+9]DL(FI:)7L[JD1?TM G1D;AW6W6D90/4K#[\= M,/#BNR497C"A))2"G7?E8SL\[W8IXA;V;:
@"6EU$".N@HA.#QJ1H(@^"E7 MN(;,'V0;_NFA2;O>[6^<7'1I+>2U!]PS3?B$G^7RL_=$S)#<_J9$\F__X\V; M5__O_DOW_SW__NG_YB__"O^YH?@C^^>'OZUBN^.\N=/W]$?
OOOYPV]WMZLT M^N[)_^-=I(_L;79#_O"=Q^_O+SWS[)W_SXY^7#S\]NGEX/#?[UI["F[H/;V] M//SHDR^GCS]__^7#2_Y/]^7WL[?_N?Q\>>S3^?A<1K_X^'EWXN[]"C[]?&? M].A\
[O_//Q/G#]S???WI^_&OV^-T/-U??>;^?_O7AWR?)NZOTYK?TE[OS MI\N+#V]OWA[!\OT/R[O'IZMO3^(;[_B?T7GV*7IY^M?L\O'+;^__&O[U[^$L M_?V;3]]>/?
O\O;@_B[^YB"\G)]>'D1___@N^^/S]]&[@\N/R^#@N_/+]"IX M_R[-LI_#W\+Y/RZCE_#GTW_W_WC^XNKO[Z/'G[ZZ;]?'=Y9WCH(!IGAN318\<[Q&2CQ=K_@S1K?MZPE8RXZI*^,&
MED5K.!&4/F+-L=W$#[31EP"B+J_;(U93-!V/18;7YS!;5.&,TY@W)2^+!K/_ M"^ K:=MPX"X9KO>IU0IPQZW>I=>>.#&B!CE.!BL@U$'(THCMC(@1W9$003M; M2D,X:D$UG@]}L
%HH@0BJH/5+?L,H3]X%R7W(9MNE>T48!TQ]]=N]RQCU Z M='=1"M^4 6C<9("ONSFA"V]+N<-M;]@7'B4'7EIV""G:E).R(GP55+RE M7IQZ?
GG9S@LAAX0BV-2>S$S)XO;%'2G7SI2MBBD4:]V3&<>V'&9E]=&9;>&@ M[0/]& /?)2#TQND>,C;50=A_Q)U@=3B8&5R";G_C[.I3>?9>7WWN3!,^4:0B M<6"!Y,'TD#S 2WVH2!Q:
('DX/20/M1,>K)$\LD#R:'I('J&D,S1('%L@>3P] M)(^UYNK@CE_^]D/?8MS9U4FZ%US/EL(&95C%8K$): MRT?^97J99VGFQ3SC%[+!]ZZN\\I#A*ET(2NFW0\BN_)@M?F5LLS<[-
FCP0ZL MX*%>:X9L]HB;+/&_J)#=*<^D$$IW_[=^)(;/WH73C;4M[LS0"JPY7&)SPLI M_;H)G@X[KA*65.9MFZXBX.KR(MY>-OY]A.01;1 A]:5 M:.NR:+^F@A0+4BXY!K.(=Z'
6N3T@M2)(H$_EM^\X4HS&OH9"80QO6-PIMF[%#,:B?%+^W 4Y1Z9Q<@FB]<<#Y/4SX6U@ M23![(M1[(,Q[0[W+NLC>E(Q6%E'NINM_"W128[\#]"J;!WTU$V%\E$211U.VPL0W
M6JK7GXJ3S&!$+0+ O=2&[T=RYU2J-]/G.0EYH^M);K^FI._WX/X:4"KR#\ ; MUH8_*VEQ\/=HWE-BJN'5G=J"+/HJ>/JJ4"D4':0<5!PUR,M=T?;4-\G
MD^Z32??)J/MDTGTRZ=2328]_S]FV>1HSEG.!@6C&3+P@YI.\G4#TJ6'%J M=N!-K9F>,1E%WV)[S#[#R'1Y6^#H%6%Q)_#UV&])>>T-.*+.X)200YM?><%%
M@LD9\EW.]WK=2^[*]-I1:BZ_FOUZ3+G1I/:^"Y*R*+.)Q^;9_"+.&),SX5ML MI[_796N#],.)1:^S78\!-Y[7W61!U1B>K&BO#Y29\B,-YZ//G 'SF:3*OO3AE
M_UNFI/"KY')^0^6_%)F5LSQ;)#3\@P3B8EO<)Q2,B#ON1D:1F,&P.3&]F;1U M6$L)E@FH=GP=K'8YP^BDC,PLUH9LF(P#I:\-*X4LYL$KP?'*]X(!H':HF[&0 M\BZU>UP-LR*K5I(U#
($S+]:CZU^-Z\AH@)]TRBZI.XK70-.@F&V//$%:H&XC MZJCCJ0Z>: D=?XXDP.&M2W>2(*P,]QF"^PS!?8;@/D/0:8:@R+N'7IG;8?> MR[C5'Y(\,= ?;<2OA7KF IK"BM-#0<7 [7,"*-?-
:']RN=9@!>_4H,< DR/D MBJV/-_(7J((MPZONEJBZ7GIG$&ZS)=@)]#F>,Y-_K4 M"RRHC?%&"6ISQL-F\-J& Y-G0LO X#(TUX1+COWX,.&-K?PL
M]Z);0H5_GET%T?,>OGI6+FX16;Q8>2E:3@/ MQ?26#$*.UE5._06;SV>/BI=^!OV,[,I@Y<7AO]AFI1:3&T#\!LQ,?ZF;(*IS MS6N^;UXQ2>8\P/-0RI"OFL.FLZ3EBS4HTQJ06B
GSITJX#I)2*I2W:?#[=95"# M0!F=8*"\M=6U(^IC(_1UQW)XJ62\"C31459C!@M"0 M41RL2U(\.2^]VJSUNI V-,86>W!\N^G<4Q0PX#2A&^SI'IY/BV03P5Q MV?QU^L59
&Y^#)2>OR52Z4=A,IM!3R K\7:X3"]I.LH7R9/PZ6Z?DW\3FK#_F-5!T1]M9)ZIY!+> !W@==1"_A]Y M3&JD#0N9Z(XUMM.>EF0ZH(%?,F>1?,&E.>I@]63<1
M**$Z"'02RD/5LW8%D(8L)L6EO^N_5@,:WVV*DX[W$CQ)<"9;?.-$DO$Y]=Q M1%)KU2$9')D$<0+0Z(R#!T@'4CZG8=;QZ9]6P+;7G6GML&X1"=S!VNF;M,$L M^DX,L07&
:^N_J3QJJ'\6I@HEXVT*_6:Q4%QL;3="3.&9TWB-P.87M>RT_>A?\[KN"[PRE-7+)9P%O^5I MQD^U,F'#.7.MM!Q>&0T>J6@'6_G4"S%.>1!Y_A?V5_;OZ7D2D$@1I>RG:VE*
MA+WKQIO]PD42TP;_/OB5$_\11S^GI,4/5Z)Q6[O)0O*%VH8$X-5M+U"'=%$ M5N!VFX$A;\4>YCB7??&1A0[<[;@&IGY3,>,*;B&NXKD5RP-&*;;611 E0=A#"
MRM72BBNJE%PE'^U8(*QTP&-XW?)Q&GJ#$9%NN&R?%3X1:ZG.#?M9K-/#-\G MAN\3PQ%WM^.71^\G)."M2O2[Q?78XUH(.HQOJ%VQKHVN#3RD);9-^CI,OYQ0 M0D[9H822-
+OVLM;,<7#Y=1!V&:+L)\@N- =9AB)K\YL0.F)>R0'L/-Y8 W$F9BT=,-V&O-VP7AC72\>,6XNLF72X^NDOE- M^!"\]!GO,]\/\GCC#%\E42AORDN(+_PM L9E/?
Y&WK':18NV4:/=6FI0]&R MWHD]JOHU3?K20(R-R&N7Z MY8U?[8@GQ1,&N)5G&L9'+K<1T5M>3@_M(_>4AMZUFXTT3N,2#V;!GTAP&C/OYB%D:[?PL@Y6Y]YO"
<5ZF65*'2T"XLP< M&N./$KU4<+'AX<);XF0VV!@-.7!K^D\0]@(#PE_?-F"".LK]1YT,BH%O(>#< M1S;7=9G,4!/8=@F!6UZ)=!S:56C98&2NI33[]9I'1'3-(?N@)@WVMXTDFF,A
MN3:#VIV#NQ3JUXUX$1*3MD:7_,&"+JP*;HXHF6 MI'61Q,LD9FN$UFT9TE, !;&O,*:H@E>CL1BP6%%<*"4YQVFM>EJN)SCD!%<5 M87
'2T]V3CTN>/&AV=.39Q%+$\J((G5F:HV05_8/A!;^ (%*4^JN*S[U"TT9 M8XUR-#;D KXTDXW,W19:&E3LJ*_"BIH1_"X,)?]V=_P15(UMN:IN7!#N8H+D
M)YW&3R1F/UX=O_@B]Z,UY;T;R97!A7=L5@5F6HHD4U(6GA!)E;SO,TRQ9$BHBECS N0@?<8371>;/")]]AUA]5;4^-3]$XF5%1RFBWY$<+D147[E^YLA_SN:],H
MNGVRT%:=QR//V>27N<';347\M3F>D^]1DC!]%8'=FC$*]-X++*B-\48):G/& M&%=?GPDW,R28/1'J =[!M(_KID*B F4)!.I*AE9!2Y)Q![.HIG8:GQ$O);,H M2IZ]V"=XM)
<.S1F#&>WL7> MXR--'FG(MR;PV_Y.8DXK#%L*486?1FU1\\JB)+NBB4]D(/(.+;53^2P.V@M+ MRJ]J:HTTH;5E@H\Z*:!GW.@R6Y3N&V)U7S4]QUVH-:5!HPZM3S-%M;-(_'Y M#
<7:"FLMHMVOIK9@6N:-?U2'I M\"6^G<3T@"QE^#T<UE'VV3&@&-B%"BI?S[?@*=M-!6WF;M99 1:_.&X0'P=D9B"<;)O/LV:-L%CZ)4W)Y'X?Q^1CNTH25BIBVO\Y:A@W-9+
MR8$\2%.(P=D+M7Z2P*L(L&_5#6'&--%$NV#>]^+>]^+>]^(>E_+M>W'C]^*N M%\31,FMWA[=:;1^T";=4GS!LX]K[L])0HGOI:VEJGLYA5L#.\@.USJ%;+N# MVWC@&&/*U!W28I/
!V>W1G:PAH&B$%#&\9W)%;#_WHJKG"6^ZP#F.KRAY)%D9 MS5M;A(LDVP3[3^/UZ>-R?LF\X6**2![[;,QZ M*X-#YIVQE5RT+_"+OT"GFMBR,7F!VPM G8C9WY:*K(O;A1>?)?
$#VP>61^0^M0]," \(NKDCQ;+$29ITL3=B[4YGTF3H'*"F;*3=+[(!&8KUV'79]EZ1I@X]D M6K2_FLD)V>2&]Y'2OQC5'0OK%"CMLZ$6SOK*4QN/_O>YBN3OP&K5^/7M-\E]8
2\]\MKE.P>P6 MV'#BR9U$46N6I?E;6'?!@I"JJ"4&DB6FD((SK+4>LD! MW%$K6EI[],O"6YZQ91]QT4UZ>[=^.8Y*5%+G9=/*NWW>X!?OFQ":"+PA)5#4
MQW97ZT=I5YLQQ08@L$Y24<$YH6SC241-&I.VW+N?N7VXU!I,V+2(;9DE2K"% MTY@)+ N?R"TCEJ8$^A'V]O@N'Q?I11$[L$$Y4_-@^VF]C@CI@W$Y')>U-,Z\7R1
M+K;%&/BVHJ;H-%?/3*9: $(W61(FNBA\>3F_(N*!H3#5:XNAM2=UC^"P#*O! M98L":2\@3*IZ18O/:A+&'N/9BZZ2-"RDG/'@TGWVP'W;4, MN)]*=P\F!8T:3-9MFGCBUJBT!
(:GT1L$8!&H2SV!F)*U\1]\$;'A9T)G20#P M\0I$U377O5[TY69*3EMOY#6J1EFI1!G?2$\2>@T?*-H>?4(+>0<8=>TGVV7) MWQRQP8.
[V$_B0$#"%"&G_L*K)V1789)S+\NI2+GFUREL/#:ADSP.KLGO>4B% M0L'G4<%S.*7EBR*A2J&Z EO@*?';F8 , QYH*QZW)640]#I,O_"G 9N6IE5A M0V7>?(^,S&ORR ^O\I/56)
MK=$-1 Z5UOTN<$T]7GC_@"W=@#?R9?NLT'ZD)R&BMO\.L1FO,?A0).>N-K]2 M[CJS9X\&.Q8):AWT9\BJ_4 7Z 9E]]3##/ZP!$[$FYI[&FBY>7MR%7DQ;YV' MD*[=&-
IQHJ*^NC:\Q@8X./F]%0V4Y.NMP=UF6]>I6AO:N/G432&@"=0MB#O- MF"8#';6ZT"\D%8X%0*6ICXP4G,8T,PU@4/*)2@H#PJ9MO-W:BU:UH*U267.
M_HB#6YE=S!V:&!/$-0V.:9]YZ#X],YB,]:$3,D6".#9:9(6GWUA'B#O5OEH M8D=W&G@:)(SWP!/D-<0VHHX>/^C@B?88]8C0\,GCF6:;M$X>_T)P.CI)N:\G
M;N6)=,.GD3393V95J:%;]A6*K])RKGKHJ.\[=)J P]G^-1%$]S-48K+H=<# M*2S48Y<(37%:"#:P.?9$C=X60!H)RBB!XU065MSP%P>HT2(4%MW&G%J5OU$C M
T4L6,5.$)B%KYF"I45.S;T314)SDR7,"D9X*;D%N8QQWK":4';4] .,1.0 M>#N(6!6HKAF7-/0S%HC-[XY!E%[?W*'(KIN6PXQ/S+VUF3C2"3;H<]R-0[-^ M/,49_/#N_0\&CYP[!W"
[ON1P:TP=]G##HQ/G;/;+? D6WVJ.YR2U0Q*TJ^(Q M6S-&JY''7GYR.>+LZ/LC._R09=.,*-9N' ''23GD=?J26)![]![##,O$B8Q M94:-T"<2G"3T),]R2D[3-.?IKDAPB +TL:\[M7S^^^=<,L
M7:.B">X5.YBSGWH/T J#PZ/;)#L4M4(2ILXETJ"Z=_SR&!:IK<5[_K'HVPY? MCNO(C$O)=J6FOD<8-#.SO@H*%L&
[ID"RYN(U:)B@OS;S,Y"DE84Y;.T2&O^%214/YL0_\=^#WA@'9OXK M]/V'%K^Z^LC(U'@S!O'1NK'-U(RP:AY[PPRF$;IU86#?L1W_GH?92OUNS2KX MQQO37L[%GK2#.E2
KY6&S;5' PG]QV0MGR%ZQM+W8YU8K^\WVN;8^PE8K^Y# M=;XQ.P_MT,';EO72AN3JUMIB:!AE-IK>U=Z&640NYZ=Q$#Z%0>Y%0$_VL=UGM;8;9\Z '- M'6JE\SG,%[(@/W>
<%N'C;7(<9YQ9]#X;IA3=!!LJE5(]*!6 H#DE%AR O$RQ M$;*S]RL8.6\10+'X[#;S L-EIODLU&V'?=IQ06AVU MT@*WH%*IC.-@WTLP&([M5UK007V*WRW@T)G&LJ_?L*_?
@'#^=5J_H8P@?O:X MHY5=4I&5BN#%R.E,XS*B R>-KCUPHL&\E6BE-,2VV>'.*/53*23D,V4'3:S; M"KF/"PGEY;P5$I"]J91] MI[/"]4C>ZBCG#7M#5B!WT ;CEXRD
W#9GW1#TX+/J#$KT79?&2G/%E"+G:4ZE M&4X-=$;VK=O4>"6^W?/6/UF[6@]=WJ#V_"];I8-G842M7_J+K'2!&3)K(") MC]8-G37
VU].">"=66N\DNRKP;SM2$_(U6.YWUMMU%P.C3*,;^.RET10W/7F MV&[W+4V)2& !K] FY%Z)5W 6SD,2S-)B=S58"\I!1G! TEH%:C2@HT#%1E[V M2)H]4"+N#DP<-,FW(W^[V+-
R4#=L"%5LO!?8*C:-\499Q:8Y8^CDWWUI(*-S MB($Q.4C8 C(P(/7?']YC[)']NK8#C1E#*ZJ@,'M@)N;!R\CQ"[,X3+S_J"H M,.:%<=?
W(]@;%4]].F>/54C'XRHA&+NBH4^N"!44@9U#*1GW;KM<*&J,.Y/ MN*752B2?/K&F4?KGJ:5DG AKY3>:@_Y*(AS),Z&&:+=_Z3PDH(!8,E_U
MR<>Z@AXO"4:"HYRNJYT4HKT@S^)'\E^6D1'OAY,(42]O+B\R:MG(>"8L$) ML,1D5"8B(BE(ZM(98!?E56/3&^*7+7\/O2@BP<&J.G&7OSA(/HH!-Q.1<6_0 MU>4GP'3A^(49]C
EPF59_W#-"W0I%#L>IBQW-<#J.@PVTKZBB4](D)ZPN52% M-C?D@<6J(#:&.SRU^%2(E7+Z 3;8N/:K-J1ND]L%.]UE10T$C:"C8HRQNYE* M#*I3+>A=Y]& FW%Z?T4^VJ
MO"'L+I*,(4IGV].R>P^%67J<6ZSE52ML@OKV^*)%]?O"@GOR0\$,^07!F[M!FUCN',-# 76ZBRTH]*;@6K].*"A-^=TFS%^^*DC'=N0E7:;M<-IYT6DI(K MR5G[7^5-,W/VJC)XX
>3%@H.+Q-T)=KX&?/\XI1X<3!+4Y+Q M"X_:))1VW?;BZ8QX*;GW_"\U8CL(^ -5#<]VWQ-+?#TJP :#(=VI2FM#;@M MM;55-T&G=_U NP(TG*^9_WL>IF%16PJ"ZF:BB%
M@50TB&QUF2IA<$VC!H$G6>7. W*0>P]^5HLXC!LV1)*.8EPX;&\+;+ M2!ZR@$T-)+VGGWWT=@=M,47&RO*M"+&G(3.'QW&^+&WH69AF70&:'AX4UB%U
M:W"K@(N(0R3S/"V,5#&DUL)]_]+=MMH.]=K;EDP4_*%:Q4XM^H0[H-X?A#&#S>K MY7T2]8*Z.9*+_'Y3D+?FKCREVEH9_JX+Q+*(@8;?\VQM2C%OG?.B,;2'-:6,
MPDF8@E[T+^)+C X\K)^,$L'=7.:-X5=C@EL(OG&/M7NP(NDALL\2S,OYJL* MP&QW#C\-F>C@!)LESJG.&'L!9_$D\OH)HCG2%(SZUMR5Z=Z6FL(4"\Z9<[R
MR\]D!:'L6R,ZN4FP5.]M,*#;^M5(%3;NFCPFE+^9X75G\WZGB\Z!Z#QW<@H MLY[M!'$21H0>LMWE(:$0ZM\<;TK&?0L)=?:RK1M99]".#KM(T["XDC T,E<
MMD=^XU*=L'^!"69LCSD%2R/%0R,[N1_V5?]86/3KHTX@*- !B5;:L)VEOUEZ M4720IXRK%&*G;8XW)4N_A81FTJ\%?Y,=+0A_8'OZ))L_9@M>2\6*(3;9]W/$'
M%#I1J<0@/]U:ZOV"1!$<]HWAIF#LVU"HL 8\JU8L_=_%/=#+Y4:@CJ=Z"# P=\9=!]F7HY)8"N8ZW]8:IXMPQTDBH'FX1'-MOPM!!;2R8]H%U*>QGU
F3\&3Z%ISF.1Q1E>'20!QU=0]_@2<3"V8*@F!O='= M4+[U7DX#QFLX#WU'6QAR$:>AEU2H%-=7D$]W=V0G 4!9?YN^1_.7U>Q EUA MM(TZF=71"DDE_;"Z=COT#MD?
+^EM\MS5(L50 +4QI^ =2?&HT ?*,=ZA)6S@ M);VBR5,8^Q [A63@R4EA!YE*%!WGXEZBN$K2S(O^'3X";=FMPT[(=6J'I9)" M9],W\WMW3H\2KS?TC8'&'X%HSKO"5GX,-
L7U+.$1O4420YP#=@:;A#+O0E#! MW''BM5#ALC#4ZOV'>U&"M1?4.X-- NI=""JH.Z]LK:&N2DCV3N=K^T ";F,[M$!7HG>=WG-*] MEQ+^_\?4$L#!!0 (N(#5DMD[+G]*< +-." 5
<')S;RTR,#(T M,#8S,%]L86(N>&UL]'UY<0VDN_?WT*/-&AATKN=7=/L:>F7U1NMH:JR4] M'>Z9=4Q,4"2]BM,LLLQ@#4LVG?SAX%G&3!-B]CM@=MR0BD4#^D$@D$IE_^K\O
MFP@\P30+D_C/7[S^^N@+ &,_"<)X]>TR?_^4Q3&'Q^]_+$=YS]^8M63R^/:?1UDJY>O3DZ>ONJ^O +^N6/ M+_@7G>^?WY*O7__PPP^OR%_K3[0]2$B^_K57]]?
WOEKN/$.PSC+O=C"63A MCQGYY67B>SF922E?@^M/L%_NFP^NP0_^KP]9O#MZ^_?LF"+^B\ ?"G-(G@+5P" MPOF/^6X+__Q%%FZV$6:(_&Z=PB6;D2A-
7^'VKV*8XPY^P!V_@YW\&_H5Y?> M(XR^_P/+\I+]EA^J&G0!J_:U3.5A@%*]])(KW4Y;#5Z5+J@A'^^1/R47.%0 M!8(CI$J8M$S@A(%W8(!]1#*;
<^)UO(@R+)*T:DH[__4VS9)_W!81"WT".WK M19J^1\MN&<+@/)6W:G"GO[B97#TW=LC,A'BQJ4HJD%VF*E6XA<:P\Z1@H#E MI*N/X1_18T36%/H:JQ,8'S[X@7$.JJ9->D6(_Q?H
MC&&1=N?42_V*%_1/R2#*+UIY"5JPV_PP:@]EF28;16GDBGKTPR-D8QOZ66/9)!EPU<8+Z]@E&?5;PB""K8M%_UYGDX:)+C Q=KNLZ&TP*.FF5L8\.74A@1GE,;KO45O.EA87_FM

MOH4@F*/P)5+O:X-I[2T."T?<..T^W#4S.OL)/1IB,MWEZ/2'#;ZL\]2W<=>A'V-3E7VD"D^FD 'TDD^BP/] M*7ZM,L6?'I!?CW.,6<3!Y/I/VMWX'BL-
HY3)DJJE"KPXF+&F5!4TQQSC3TUS MB% "7I;F_[A)DZ#P\^OT#]9/H0]5K3+4M@4R]%,#,"[9T0'%LL%XO7.P4WY* M$%-^O6]_V82(3"08$L(1FJN?=VF298CN,AS;_=&F;/N
M<1D2:*N_;&8B_IZBV^0PWAU]K*%<3;Z8Z-/W_Y>TN-!N'DDU=<' EI^[/'YQ MY=.& WN FEM CJA%["<;>(F0-A4F6CV.?DFJ#(J&"0XL\)\ EDH%C21N.\"< MHJ(O(R8N]L8XP']S!?/)<-
&E[>($WN& =SD*_2=.>;V M.>$@I?09@2_#&- V7[EUT?$DU/$=,0P[J<<%+/(G1C]F4-UG,OL:VFY7NLEB<ZM04_9Y)JC-%AI8&IY>+^ EF+N#)ZG@V\&0P)X/GMB2!'W&$
M57,V1.>#4('T%1#*FZ5Q$*TH>QLA0<8!05L>S02B#.1V$+JOFH0/H*".7- MDB%"<1?X_['Y\.1%V'*X12L@#?T!D\A_>_9 MBQ\5 7'Z^FLMMP N>-
/L2\KTV/B(%;GM(BG<4A(/3^#>.;Y$WFK"G@Y>(2K,(Q MYI8L 672N;=Q# R-MGXF"JA6A3(^H+V]TVT70T<@Z3>0YXW/!"T580^(S\^(=C4(L[!]]0*1_F\#)\PG9]CF8Y?(P@ M?
2UVO'OO_3-)2;3Z!*Y;G9XGN.X6(5*#-0Y$*85#0@(T- E@H^*A R@+QIZ M7E\GB#2 0ANBNI-F_K 4K8,@C IT](1WT"]2<@"E9BH,SM&8L'(H%$!3\/,CY*L2"A+8%U*S8E/=^
M++O$Q2:@(-..UI?-A[&:KRD?[^I_-A3"% UFO;N$3VA.)C!*U#]U!3HA5W+X MU6V(V7RU^&46]\UZ@F:"3SXOQC#MSQ^O.N ?A$:D[4DY4G(0J,2**+[M80 MVN 4YEX8L76:
WPI2+ -*MGH-2\Y2)H=G(@M*")XO:RH<%47)4-0JDV3NC*+$)T^- MQ>_'040 EQG1VT'7[DVH/:\[8(1FEYYW\(,XK,)@N I/ITD6WSZG^@X(>G, M;J8?,3,\/86^3,FY@MSR),O\V4LAN
O]O)#![6,4KNB+P]F<-=0DW$::PLP8 M1U@DFTV8$P<3HGZ2D/LC&./;H\D/LWI]VP6C%F_\EU<5#8+.#I49'&T&86#O MA9;F9!G9;+?
A:ITGRR*#K+RAO*S2^XUL94U@!BY\.)_BCP^3Y2'ZW&FN4.%L M-UFC66/3-I([J4L<1%:G\E.2ZUX3:_?&9V+4^F0:$1VZD?K,F?/S"34*^BEIH54&ZZU*Y.K=E(Q>7QH-EVP*;X1P-"$.
[#;./>.]_0.-+2$=_U19&&,) 3NX(K,_@&V!]$I):<94;"CY22%09@#3)X> M9UJ1:B=%EB<;I#OG]>/2=S!9I=YVC:9,^>97DGV- M3]M:"C8N"[PL7*W/',>-*4FG2L0F']?
^G0FF28/*JK4S$B881.V<3MF=\XZ? MY3<,"%A& %\(E>@Y@QJP,W64*]8\Q[MC="1=;[QTBG39TNZLWL[+N.$Z+-H; M$MF&ZF8N,SGJRK3KFU"8"M-
'B7W:]ZB9'7C5/;E&5L6(.JAPBYGB:5]^$BAU MQCXD$=$Q,M"#=TD28 /I*HGA9ALE.PC+G*09*4J('PPG\?'NKMANHQ"F4R1+ M&<:,52P.XY5WH5!^,@=\CH.,7AJ?85-
FB/+&$7R]Q/'($'5!UA&,<#G#DR3+ M,\(=KA,95$?4B8Z2 YFQBO)AO/)0CI->'Q(@@#91UQ?ZXZ*EC?P1IG&P?F_W MVRH)B!99_4G9\>+92X.K8O,
(T^LES;VU>/)"1#F"YTGZ#K4=>TU,QN8$@= Z MB>\F&!)O49&O0?TY6"8I(T.D!U=/8QF5&9PNK5, TKVIC.!&"9*J]B2ZV^B M(;$N/$30.B/Y^%BX^AU80Z1@'J1KS-?UEH2]M-
(L4D[GHNJY_+E);S'Z.'B) M9<@?R=MQ ABA.O^4UIP.;Z,L-N%DNRJD-,5@F,FY>]#AJNO?@:,UUT-J*(]' MT0>(HV!@L,!AB"MX]@)3/\S@31KZ<+Y:6\CU)VBOZXV0H^6K)J!L
ZI&@+1B M:7V2PODTB2(OS7"6&Y!A]KJZ;!:U"KHG6NI2 7YBAK_^"%G;B1RCW>U%#M#? M$3]=_!R<(&AZ[5;: /*.Y7[MQ>4 KA*2.8&\SI9:/,]E>$XW2:E.T2#P\CC
MGE'Y*:UM4^2.LKJ-9#-VR-FT&Y#)$+5.-/O@^QU]TXK&^#VB!3[W]D;B53OU M-4S%6EYB)N")NF,: O[U$S4"=:(91VC)FMG%99F M,'BEDQD'Z9S-\G>
(SXHOL\P2.)+U%G,Y4IQQ0\M"VHA.A]RP$22++">!Y>^A MAZ,I\$3/(,B\-^U59'%W2,;/I'%:TNOE!P^C,+].R=O'Z6H'2KMS96K(&!OC M LU))*BB?
#OAH"ISX6*:5&%LX%W5YR2CH!$/M*3"ILO689&:0!"+.L@,$! MV)>8:ZMY*A&I'EU$"L6751A[PQ+2XNZZKD,34([IQBZJ^CG)Z,VXFVO'G5[_M,2O_FKVVL>-*>7!W56K$+Z_$:.
<.R>B:0.JF9H@*ORS;Y":%3V%2 M9-$.I'";I-AA%2592\JS#&EQ+_PW8PK_!RK\&$ZSQ;]E"/XB#G-<4 !6"WV+ M"4B%_3]2UF\'!&XP.YWB03"W"\MY\GA\\%X#DV)&Z,!:[4!)"DB;;RWE
I/ M"]_!CL8*D+AX'$'D59+#R3,QJO9J,\F.(D^\B\>R-:V>%2Y#M-%Y&6@E:YU/ M/15-F;=!]#-) P*F>]U,Y_H6=N7NO"UB2UI4Y:"IB^KZS*PB22' & YN!R=@ M&5NL@VY;'I\Z?(4.
[8@G)Q)94R)CI[LE)B?@21>#S ?6]6*ZG1]DQ77%/9E M;I)T=W%RDR9!X>?HY) L+\,E MQU?"28(M)6)%"RFQPMW5<#-P<0+*AO@F#U<3P&W=PT5+5'5.:Z6Y&/(2O'C,
MX&\%VD+/GB;.-\;MQJ8.XC'!3817?0[H]W/)#2:362>66#3F ;BA%2^FW+&F MPXCT5-_MGU=^_>[N[/[.M3N++8?>EB.2NZU[W\XC+"<5_>K'.>SIFM-Z-,@.
MK&JG3;JD]ONP78Z3R04W>S?YJE\'R"$@.#+JXX(UQ %WJEZ&2Y_A_^ G'D_(M%.;J/#_QTG07QJLI'A2]I3E^%11I%) *7SQ(H4;D2.'C?\"FN=M+5QWI=BY@ ME:?"5#'Y?E(@DK?
0AXC\8P2O8#Y9Z4Y^5Q/L5W)5)6"(9Q&434!:M]DK*.Q" M<2G(<*^HIWC868G^1

[#MC.-R05G M%5^[/B,(Q=(&!W]4YOZS5M S,B%(Z9=U$@5H@FG&E(E\KLK=.M@+5'GCW<]? M+(XO+B_N+\[NP.+]%-S=7Y__-/UY>G9]=U__-L?WKS^_H_@[/\]7-S_S:EN
MTA5\&XA:,V3ZV]'5R;3^?T%'MO46GQ7)30"GAKQC8"G<"4A&;*[8*F?=C;?# MGKII7;-[G=AW_;,9D3ECM_1KMV&-8D&Q_*^,00[TXI<4:T>;[Z<%#/K8G!8^
M\NY=>OM5F>2##G\O\L_. G_*&! @4VV.C.WXDR0F&O)#F*^KNOLA@D2%7] MTO9NJ<(4!XVG< G1WP.0PB<8%VX3$^O("5?UNX7-ML!I#+F85Y!!4B,
MXQIT"QXY*R(G(8@:%+G>%M2EU_,@2C!D:))N-F%.RR+' 39,PG@%8Q_U,;HE MRN_)0<@=GQN>QZ9I0>/MVFW ESA'_C6??H\N3R[EJAX&DRK8]MR1XL=T%81
MI>UO;C>H_,N0-'3[$D/+HZS@0S:.K*,G/=+#%-' K!ZL/\M@,,&/DRN/OAG^ M] \X8\=O\CQ1+07$\<Q@0ZCN-5'68F\R-=)&OX+!I,"LM>9FRA@ 4>J M^"N3:WMU0\>.9C6A\J'&G ?
3VU46Z0N2\-4"NLJ.)M6?%8T(44SX\YGSV2) M3X:CUL#'LJXHX>G2O\EZFP.>Y*G?>*!F9S0Y8DZ97*/ QS+23Q9.9[C[S] M6ZPN P*_01)7F/GWHZ^/CEXW)M8?
P>LW1P='1T?]7>^/X,W!]T??U7^(_#=- M]V^[JHQ>QC8B UX._E+$$+P].@!XRL@'I]"'I*;(V]?DMV\/ "*QA7X>/L%H MY]81QH/)OINB-]6C(-/2V4&E1Q?
IY^5L*;%:^<3@%E\ZIP75]3&NC]+0G_B8 M(.K)C>.5PXT2U$2' [?H4CD8R$9OZ&_MD9WD1,#KQ87'@\.+#H3V#@,.'?8" MT0G!LW\4& 4Z$Q9 %'4U"Q#)#P%,)+%. '.!DZP(F&P*S-
XBGKWX:URCDX1[M"L\!G(%(0'K(2DB;KCUMYHF)4X.0)RT+?\BCL)-F#?EY-JV_Q^^;QO^/WS+ MP-I 8]]VR(0*)NJ@">F,CV!W727(LIOX:-KJP^'YM.%"!ZW]]P"N55U?DAP=
MMS<1HQPA]PVSYAVI9V[/CFRX=@HS+FE [FYN;[UY&SHJ'?G9=1($C"@RR:;YS^ M'-MP;*X,T,>TY]R"3RQA#O(S+ZP5^EZ)T*9ZSGX:U/@-\RP-GU=S\K01T- M4!"+("
)F;WHQ@N#B_C$VX:Y%XVL%GB].'GRQ.:%]]*I_AK@!$V"'$P^,>#Z M99-8<)'T'3(1&_L$;F'NA3$,SKP4ES?*%KY?;]2-/X4+D,_'+]<@+1#ZY%9 MMFV\SP '+SCYR1Q>
ML_'$T04%8TCF.U1)[ASQP7H3AVRTJ, [(I@&)%@>.<*3#(P=J M]PG:&W"NHS[@'"+.1/P,4&K/SY"C5Y9?+\M^1S]FM6F[.5*U..#ZP;,<5WQE
M8LF)!KZ%&40GK0[S[34Y\7LPO<.03OUT AP7K%DF3]I*2P+ MGET_1N'*(Q7FE*Y*4E9OP16XXN+K;(Q 556-@=161,N:0BXNZ#5DV%]5:LQ M+Z8[YU42)]66?!'[R*J?
1K/Q^W%@<7&9$3YU#\F7X,O2ZOK*?6I;]?#:BDH\ MZ'%2H;Q64D.,9NY3H;S^)%*AO.[I",Y 3/4!@?I)LMFF<(W @78PBI7+),/I M=]^7Z(A_0TK.H]^G./_&*:3_G>JH-IPA)ZDT!KLU-
^FS*($%&BB;#/(/=> M?IQ!\HU1\--+TC%\1LW=4CP&'F+42X1C#WY*(NP)>^>%,>;J.KZ#?I'2A+!I MF*$_G:(?XQ5ELV+:TF(9S*:+$\=4@Q%<%A0U:;!"1$$2
^_)"R,7,>D3@U+E34XBCAX=YG CV0&Q0-]'(3L^W M,G&U58API /\P/MTC[TL]"?&"^W#]K&%R04'*.1O\PQ>%PI,A)AFO.;GA'V:
MIV%4C!^OSNO%A97.X8679)K^U;7=+!&3""7M\9DY]'M[VELSN^+M#.R*MY^$ M7?%6;E>\'617?(X_!RBAOWU*WA5X&=BU\M>W#%1,1,9'68\N% 91IQRLY.3
M=P5%ADY5.,H8G2$*$AL1\TT9!PIG$$#:ZLA\[HR#[6<$T>10W6:;#RQELE8 IG Z3*LH!?\L,IK] M^3[AO"2A3QBWT>AO/C0[MWW.U&-/O.^7N;J624IB95'/Y?NU#+=U7,7+"_/=
M)TC:,V5^="6$:-Z3MBN53O0MG=RFL[%SV.OV;E^9:G(X!+=,6\!5PG)]2/2R MF&O.VI#4^/VN2$Z"*_A,_F()MGM]S@:L7;YX$,774,FR\Q[8?=Y\5<$]@(\Q M"^-
"CJ+;,N;V.W42)*S$F@;NV*T M/: $#DK)'0!$A'[A)@;7I@2'I!40Z2N:S6!+(GJ/7F#JA]GH]PKZ,5N_T-1F MD:-L_D2-+ZO<(HM^BC=_1'"K*BEH,\3GMNEQ.F3LP/5-
6TG7MJ7,IR"/S:PXE9PON M_=%#G>%@-1AGY 7.+:XMEH4YO/(I4^A#RNDM])-53*A,D0EQH@#F-),\DBH5U"M9*\B
M*>O1%6I\:>_\F$#Y[RUJTGVV9CLV0T^,=;R&QM08O613HQ_&=/L9$64U2:O% MHO5X&P5QKGW: \2LB<+.M!F;(XC0B9>M;]+D*0Q@<+Q[0"KW(J[S9RQPUFD: M_SY-/)$!
RZ>\FISR4N[@ZB 990\9P #!M1O98%7D_C1[6M?8T1TG@&;39AI MB$;'I,#V0.R'$41,-_X[A.W0)^$1>N.I2E&PR1T.Y !W+W+BB&-[QY$H?<81GN/A1U 2DFL;63))V-
,Y\L/5$0Q7.$4RX.$Q'*_&TG) MC;TSOJ".QG9<*-R<2)EZK2^E[!@LH#0=:F>QQ?1:U-M38S1#*G\\R0]38K' M?%E$"]]/BO&5M; K%Y%,
(H9XQZ(H2IZ)0PR'=3YZ.+7F8^YZR:L(L5NY6C)P M8X_6?FJ>UNFFO%N8Z("OT;%]>U*=.:&1D&'-YF49S&E9NQEM.OIR;^-1E*N^'4YR%=@2S]S[-51%]889ZRQF[WX[M.^
MQ2^1DF61P059LVHW2G(RUHXUB@SQ$S#E@CSPZ3Y2'ZL-1:3E^,JPNHN0M2&[MY M,*A \5WBGR]+#;^SMUON]6L[0D29,PI]R$?MG1$<-E[I&>^2;'$K;I*,F1D3
MDZRR(/:0*>Y]#L:1$_P._E.!'B[GKYWDL_PAS;]DURO/']-)K]6W>T:[/(07!%A^)W0TE@HR%9 MHI\J,NQ\G6[\/&;(V'/^&,S=@$MHSO(Y#V,O]AVJ91$#\U'+ BX5U?*RHC!W MM:R "
6U+)NP,=0R,TAP0C7,[L^1SUS,E9*FS5C/@+$%W-S4=.INN%>W0HGS MU"M_@EP\ 5,BC"7YN5BM4G*O"K:5%%E/N,LLH5_-9X\<5VCC)9G^1LD5R&CF M/AGD-Y]$,LAOVD(6#
<1T,[@KMML(XGM8+*;T#G:;B_B99)N:.35-(.;.]_V M7VRK,<:+H&JU!D&8^5&2%2ET7.5$4\2=H"J-Z1AB6*-!(.K-.30.:N/G(H>; MR>QIY7YM>X^5.>/E1]?
MVYX,9)1(#&A79<'T9+]7)DQCFDP?\^%'@5[4>A]8 MAZOPG,?<$$%0G:?5BEPQ'M019N2@/JR+2N.;.=&]VD+KG5SIC@EIOFTJR(A MN#I(1*]#+*K"*DBQX@,%SR'&-
:^T2%H%F!YO'*@9UZ*Q;[Z9"+=EVFE/EG%\ M4ZLV#:*:72_J-3".M,?_N-ALO3#%&__)VDM7H[MFM;MW$V*KRR8'P.]*U%9E M7LFS#$R_^]
<>P=,H=#>B(TFRAB\)TF,?!I@C@K#9L6/Z;W@^0M\ N(XJ51=M&G]H\C 4TR +R4F9@$\%4ZY@1FD*3IKD#99*Q"Y_VAC%DC5P888PLK3 M-@#;-]ZN,A;]WXHPA3-$HZB!69X\'
M7,34VLMHL.:V;$S0"ZN6CJ&K+_I.3(K>)!F^_RY[N841EMA]52 67&;6(HP<@W9-'D& 9PQH=I@.W)L-0 MI+"P;32'YN8JO>2&Y+G431K&?KC%)W?*R\B(%O?
EP&H0,L1[PXGV1_(!\>[4 M81-1IN'\<9*2-#M9-*0S,*0* L26\ *9%-28(.]-]Q"7'QP["DS0DX-<67QN M>.%>I 58@+LMSE06@5\2$FI3DP!WG7)4+F*_Y,+LQ'M)YL!^^AP)1ZPH7]T
M.UK=XXK@:$C8?U#X^20KN4Q;43A_PP$_=!]_XQH03$'L!7'OC<51E"V7"_9: M(Q\!!#RX2M(=^)5^_W>72D]_@HTCXF^3G1?EN^JDS5I\))WU;U##$G01X?RT(=+S0ZI-E[$NY\]
(ON01]W<8U-Q,K0:<&![RS7@D>>E*2EAT#8%$P,)I1ML1 MP-#!K>%L#;]Y_7S+D7FS/BW\>+N[&_0,I9XCR+QW]#!(TUW6%_2)UMN78:J MLMR[BY>/WK0"$9]VR]"9L!B:
0,./-7Z7"I8CPM6V;39P5(" T6@BF;).+%0 MK8D7R'@(PJC(4=?-_6S%S\J AC@3%78LBIRCR9;J"S@&TACIZ;?_$=CT$'0 MRNB#4# >6H3PCZ>X5[1BKF!.#O T:1>R?D8%6-
CD&USC"H#PSUC( ]T&Q[; MH34*3_9]JV.PS=MJ6K1!0QQ4U&EZR;V55O70K+"#6=A-HV*NXU$;30(#W,!U
MS;+3.J;9/X3<5_NZD"RV.$@NZE,AR%;IN/R(G3DS/*T("&JKNTI%8$RJ]9Q MIV%(O&US9*V+XU7)4RZ;"@KOH8?[#:[C6[P04H3S8R\+K3E(1N#-I7DT O*
MEM&BJ6G6(@\]^L#+07MYQ,_#=8^=#D?DVE$-'(\-".)Q-!0>]_$<$?3Q)\7 M<9 M\LH709@:>27)>K/M5I3PP\$Z:546% !+W,ZQ*E<48AN *B,?*S_RMTI! M*(QF[Q,C?_M)Y$?
^MBUAT4!,W1@ME311$EI6#18-/083O+IDS9<_NKS;$@BF MO=IY S,PV B\RKVJ)'6DM+[WVUATD;+ZYYU(R5>NT@&+)K=>VZR!:.[^;!WQ MG9F>_FX&>OJI3T)/?R?
7TI\9Z6E"B['(U58FLZ'MY&]]V(7LHH\V;^K&H-M>?Y]_+ES73TJ;#30KS&)0UX= M[#'1,-!E9V+<<[MU$."CRIOT1FINR)7)5@1.X228YUVEN1!WS4W75-:SL"L7 M=H"
((0ZRCKT()^(!=VL(W!24W,[..1PGP,5FE7,)_(A<_LP@&^6'S(_>Z+:$L M$@]34>V;3 N;KWG]\BH2T,O&C\5+ZL/VTX?)A>\/"_>,RX?3]HQGC%7("$F M-GH#')1O*3Y(4D_X@R[B0]'?
\W!Z<1^H R;$0Y&\#>'87RXI5_-0WTPQ<0$ M27^(A@IFFB(.K<_05O8N28+)(-+MQ"%$.HSPCESE-V"%/W)Y3RP6$A,@_0$. MOK%8*'Y:P': DR4C6-JQTS<+$N94(NXH"7#6SOKN-
$&9N? YCPI4)LGTL4"/ M=FE_3V0HR_MS<@$@XXK_7(R#O1]=@T]9L'OY*Q3FP=S;3\F?;;91LH/P&,9P M&>95'],@C=>9"R>FD",)Q)Z]58DO6+8'CR6!F4!-
(E8&SD0S85P\CY)&QMT2 M&79.XQQ..*GQ:V_!DOT^0&(X K]&\,-2 KHKULC@YA)]$L M V:BR1B02WF5>IO;<+7.L^O'*%R16(>Q;7]N-]:O%WF<\"RT9)D_X^(/5<7C
MI&D"OLR0]KI*<@B^<5[Y4R;(O:S!_#D8\@"HV&XCB&,_O.@AIOH=_U3IQ3OX M!%-\S5#]8NS#@G;_UN&GS2(W46WY7;U[S@J-QDCHG!R,YFH ?L]>-#)8)9TYV'/%'/%<:.57P*.?N?
20J,FO#3&%(9ONK+1@65G> M\<;;X;,NKB+?.YJ,C"OU?FU[]Y4Y4ZHGZP!?VB+ME9=5'OV0G(H91&-:GR+M M&"6D&AGJAKXNAVEESTP?
%6'.AXO,C(:\2G=GDF*OLB$O2QNR97(Y/HL,!DLW M\^.0631T_.$$W"&--R:=D?Q^,;;9_;'N&;GMA6N'GN"Q/*0YO"CYG9] M/')]LHDN/H=RX .! GGG!)9C28;(\+-!V[O7>F[I)
MK3<&4GC%&4VGSACYUUMD06%=S.I^[".3L"_K/B(A.[RS4=5F)I5 E<37.1Y) M!SV!!E"H7R/EBU7+YA;ZR2H.JU>#:4];?'[B.1]0&I:G9>QM7VZ2#?.XX8)
<\U^A9^'CX1W7L)T18()]OU/NU[I94Y8SGD43MP=8+ Y*# MPR.I<3,0QF6^X3 &^1]"#E+BHZ/DNM"1QK*[SQR.W[MZ/>5[$[L&^1L1]2]H(_1N$32R @<>QK/^9ZX+S?
^EM@9LZ%13@'(V6K?>SE^ MV[V:V/VMSX%M%6C HX++_+Q #2%X'\;AIMB 2IQ.DQN:PZ'K7#>;+\/TIWO= M+>*@S/*TWW4UQ;=P$\8!3,_#S/>BOT%/K6CO&/W84Y1CL-
WIS;)DW MB>-&FBS3')_;_9\6\ HMH/MG&#W!TF4 MO#F<>?-EEANSV[NGTCM>0??/B0F&M>C;+;(^@%,*7+]SFF=U!.'R8*H]/>,8 M#>K=
(E3":1%*>K!EXPYGE0_2[YTIZJ@CT]CX]+[+!GO04'QAC-)'Q<9&&,T'4'5P0X)YBW.$_+ MRE(G*0S"_#;,/N*LK4UQY),BRY,-$@3G6,Z!QGB]6;?^1F.=EU*MI ^J#@Y MIPM2@)!T G O-
%2X58*[]LCAH6AT,-6('W?V31]IW,(G&!<0UU_#3T'2V(OJ M'HYW[R!^)[==A_XB10MT4J_5$$ZL1R@-8%:Q*B!LK66'3EWV(V"E M&RT_;
X'O',KNO[;DU^3=7&)777.P==]DGL1B&$.TGTHN?'1[\N 8V!.:F; MQ"NECKV%6QRE&:\NXF62;HBF/=Z5?YP^@8\>%TZ36FJQ]J#1CM$:_A@DSV3/ M+]\:5CH-/.[B9?
#59+NG.JW@7AAY_S1G\D1MG+\B@-?WX(\W6E4R_(I3#V M6]&#%_J_8/R$ZR8[52,F3R=BU@ M;/L>[_#_GB,VDG1]!:W#@:MB+QH*MF9_-.8RSO3 9A@*6'=21L0ZM3N!I._
M@2G^A;>"K\>.;A)UY<+^%#'$?5G9QE^*?0#;NI';Z"0%078?44H&;VS$-F\P M,8HW.#T=[022=T?XO5U&*J0?>T@?5\[2J73E4&Y<'.@SSP]F]._'9(FH$W5 M*6Q'
DL;V6/,WA@GN+J+-A-$"-=;DDB@# &<-K1]!(;Y08"AW.J&S*5 XQE9K<+G+-G10)]T9%R?RTNGKTT*)EZAY/[M9!/:"C,,P@S=IZ$/;ZV]$SAWD M&[FN&C#
<@PKQ=I$WPC0&Q@E^717A4MEQ< OS(HUA<)_A;QS@*S?*<]+DS] MQ3+.!)M6O!FZ4Z.UN80A?I#U21K"NNQ_@M;PYA"'F<0*RU=F+L_T$*S10AC5
M;#81M;'M;'*4[^JZ1L_M[_3J-O*D7%A^=#CY@ RLWLKG6RILE^]K.&N:\E. M+A+3AX]#76HBY9"5W]2LFQF\CEFT?YIU-E;CC;NWQ*4[]">S[D?%^7"E,)Z< MG]MLO859COA W)%
[KH%SN=>\LC[HCXW242V 3D7P":WG/%'_//5R>.Z%Z2_XB>\GNMCEXYJA M)\W6V%4M==+R$#<%N"T@C?^G:1'E%>)"S:B)>BK?O/$@6G["STJ(-K; MYZ[_#-
>'!15D(FA3TT<&@T\#A(I\G:0X[4"\XD'['C7\:S>X@EP]F1D M,,-. N0G'Y:"A[.=+8@TSLACE.81"HDU*/L@]Y?],GF&*?U7N G'KBPP*:MS,0#&&0XW>SR]6&PMU0.Z@O$"[MY#SB]: M?
EQ0RK?H$44QJL/!D*\J *(E_!(/)P V>"6[CQPACIN]ZP-2FMF=PR= M)L=P%<9X0,=>A/W;8^?PF=70/GL5)1[_(#W%.;!_MI(;FX4TD*,A^DE\:V
MZEJNJD_H2,3@^K,Y$O7')M$4K0;UD:CM@?S,CT1\]$]^).*(;AY'HCYS(E4U M:TM#=RAN(BHK%8I7.$PA9I&69RG]8KJ]T\T8$$5FV/F^1)+9<@*Q2IC MG41(>V0TV.$JR6&3^G*RV
#E?JUGC53EC+,@:!NW)V%=H7:@JC7^X>G/KY?L M'C]X*0DKODYO\0XU66)?;\]H044*I')Y$7I:%RY F]]TDZ,B&NP(W M:#!KI)U U0<[XZGKL!
(S*'&B10SFV/"6F4!91RL="*X#Y^_D7=I=!AY M3*86^A$KY)8V 6&6%3 X T* ";]N]SWI]"HGO,-4E0%.K$&SR5Y.MU=/<9) MGL%K:[V()(<1Y8>OJ/TA)0
J"B7L7*:3D8BFSO<@&OV8F!!D2M,#2"]GF7.D MJ*08Z_K%1*"1IO";"92X*;_TYLHLHV6CS^N.*A5WH:Z#Y%2L:R,I2PIFCI)& MLHTB98G5$%*;BG&4%"QQ:;AW-
@@\TP*,*BUK;F8=K@9L:;49ZC& M*J2EI8Q,8WY[RZEC!:PH;DVS/V(I2(N]_W_,XF&;SJ"3%_,K+G87[4/3'$]* MR@8"'"@.JP'J*(%85,'=&WYCM7T8XP-PH8J^!.7S>C$,> M26*'R]!
[#*,P1QO]]"$0*CTZ>]J@P!8O74FE"5MWR%X&6K0WZ+;(XSI,4AP-92C2LRX?+2 A-7A4B(2I1=X(A9&$/ M;N,>#
('#CGLPF5'#N(;V"'EY;P75\"_TB3)RI1/'Q\D:QZ)>Q#7;S8="YKDY=>_Q&@WR"N,_ ^"6#D- #;*D*9>\[D M C$/_*[4 "[D2&+*6D9FR2)^_D"VP9%7H5;7UFTT'>[$1W"P:3Y'&Q/ZWO')
MVT3F;5QK3\V [>461EZ.7^&D^>X>]9IY/GF#,[U'2*=G%_-?CCX+.D @) MT*,A&* &0F_C4W=FC-V41*\O_-^*, NG//7R^W'@DN0RPT'99>C#.(,D!2H
M"^X\9"BT!..8,5(IMK$E'KU1&-M[N$G2W<7)39H$A9^?Q4&RQ+FE.&CBG/CD M5*Q'04I9XB"&M@,7)Z!LB:]8#I/E(6[L\KBF+*GZ6*8X!<^(ZN(Q@\@DC/.S M)YP/>S)?-
+,SPCB;U]X VMP47FRTZ MZ&&+U_45A)9D>Y=]2I-@>+70KBJ,M_]3^)C?X8,N.0LO?+_8%,1H(ST]H$.P M%^%,&I?HIV.X3)#)YKV,;56-PM-H!U-UR([". ?2S=<-?PX=7P^,BIN.'3?:
M'J)I>-%Q"-+WP>@MQ'$F\0N8Q6H!>[*-_7Z)#="U1L7M !^O,3PI<4NWLQ4?-M%AO\DY9.+R7$;=X.<3'X9EW$D$?_C"S;: IX0M4+D8X+@-K;'&?B M-%7*
6GRPQ*^[7G;^\>LK*8H!+:+; QYBE*<3U,/RJ>Z4P:@KHE0'J/ECTZ MP%6=,["BS3_=NNOJN!NMMKJB-,;-!ZK.7JN,V]S*.0LXM+LJ)QR)\L.(*M67 MSZAX^$FF\!(
;SD7;PY'[E@T(@5%9N*9G-9B :SKUBGY_6UFN(5!?5/(<&S!S" M)Q@E6QB00)HD2E8[&KSP'F*ACKP(9;W9C@V3\,/!>]T*Y'4$\'MM\G?7H%<4 M:!NK*K,P_HV60OHT!
<98^=$:^33M &WXF8OI:(@J."FR/-G E,2)8$VS#K?3 MJ %13PXR,_*YX453ERU VF["PI:+%'QR,7;RZTE&IR!IHI@CUHJO!7(K%L@G M+P[#7(;$AF
M98[#N/V]U4?)K8Z%E\O]I6;;Q+DF9K4 M9R\^>:N 7:/T-QK25")D-U&. D>\)^:D*.[)J4!ZJS M,AQ/K>>3AD#J4["<#4/$BR)V?)H\/")P]WNWNH28L*%/0.&:3+*@^9]4N53 M-T.+
AF[D)$S\P?DB=@6Z68EV#'^G:D+I+-FEU*;#D,0/<1/O%QB_XW#?V< M.$G]\@]QR/8P<*"D3,QBX*468]RP(MH2P$WW!A/I EX/1,7I8+NAY,PUZWEI#S]M9H>>M GK>SA@]:_70
M\]8)4^ORH\I1LH?&GBT2%ESHS1]<@^T.,P(W.5> MSK%1+(]\/]E8LGMC,!3@3S^/)D!$RKH ?_J9(\"?DG@%?L;_X]K_I;]T6WKE M RE=_]A-.DA4M:E.S_^![U[+WSV8K?G_/XQ?:S?
ZU^6 MM\%M0()HEGN)&8;Z9#?;#]X3U)/F?AO;TMSKGR--^M4\I,F9Y5J:K!&92_-] M@E/9Z4NTV\[NE1^A^[%<-_13UZ:K;-KW1-P?H.&M'25'XE?*W"SZ\F:U=K.6
M&9R(I9^0X*)MV6(&]R52>>P!@3=B(^=[&8JVT'&Y]I[6Q]FCO]B+WURXU^&< M66XYR]'AW.58#PO%\=I=CR>YR/)*M<&(@S1/'TCQ1 M7-
;SD>:)1)HG(TGSU$*:IXZE>:HFS=/Y2/-4(LW3D:1Y9B#-,\?2/%.3YME\ MI'DFD>:9N33K)&T^\:8CH\^'(2G',HE9QNW&>M)Y'B<<6%2?@^;[>5A@,L%U
M,O&)OCS@E6=%]\;:38Z<;A^VS7@F%S+(E!_/XNF@4%0LK/1':GX$O"NVVRBT M=024]6;=@2#FAYM3F;:[1%04:C=9,ORF3 \ OX"XR#1%E,R,J?X;Q@M'0A0?
X4LA'L]&B+SS>W\PI@D2 MF^ U]E:G9S2*BR MQ5G:_W[T]=$1. 3__MV;K_]PU-\"K#_MU15:\)7:R,;L@K(^KA_3D:5-M M5I"JV>)!"D/I-<;4MS_\\/5W1W-(-J M.&58=6=C(E@A&

(VI]]KTK)ND&LS) M=!8?7_,#6%^$ZA#;FQ%=JS=+\W^\#^-P4VS4+5S4J&7=HI\.R[9/SZ+'O-S &#D]"R'L95\0=>K9%W.Z<)V+ZS3Q$S)K\6L2]P9@& MCM_!%)>FJ5X57V19 74>"
(C:6WXJ(&"%YW$D+<"B+N0.0M)H!J&+"G)IBD=(M!CXJ-O0..1(2MB]&Q>P,1XD#.T%-2&*L]$XRAE Y'JA&V.V=J!$F*V* ',]6 MC0CEL@<-_L!-
U4B7X%7R1$BB8\Y_PS1!_]$[XZI3LWK&56:+EP6^; '0B)FI M MQELE&66R^EC=IDF!UQNWW\I8AAB[[F\5:5EMW7-XI<<0"%O\=@8F8.<(PE MJ;0X2!+/@>$]ZF65%VC79&
R2)>D0,8N?.0,\3).U T/6VFVZJ1*L]!-ZD)K MZABJS8+@0+JM[9M(7,YD>7::C5P"TXHE49/P;#':QAB^!YZ69&2 M0B4D\)^^*[;@A(RP-0M06XL7,-I"_F M]N6DXKP,"%+<[P"&YVCO?
*B+$Y[Z^731"YJ=&P_J9(Z<^JX)+%IF BHJ !, M9B;)FO1Q(,*I9+Y&4I4W:>C#7Q)OB/"4Y@SP*4>!RM[.F2T3 M3^M^%W6*O>NEP:E5G9I5;YHR6ZJ@ Y@">,(D2)8H_F'6?
DXA37FVL@WI3)*9 MEZWCLZLJ'934-6"F0.:NM GKL:R$=<;$0)\X(XS+H5TF\26*8>^GN'M',/!_'+]VC MEHN7,!O9#I-T-KXG+A+876)FN)=(=2/0:@5P,_ K;NC<9Z(FT;9-I3 3IJ\V
M+N(+D.<=//?>^V>2$G?Q!'C3[7UTXU^$/TWF M.(!LJ!P2,J"A RBA/BP=@-(0!VV4FLR7X4&5%+?$9:_3O+TB4!_MOTP 6(V. MK6)5G2]N$BOR&?#0412IF[3\$3/"H51!9'R!S:N8K*G
MB6:C>A1T#6G2L=+FK&8T]&% Y"F"6C:[,/% 514)-C&CG3H MVAY&; #?AWD$KY?HZ(ZOYPHO&NG(PJ9K\S>L?V MK__5F>.YI&$.(O1GF#F]UM>7:L<%K3<+QL?
GW$,V<'#FI3':*+.'V-MNTV2; MAOB(-?H)6MB9Q;!C-8[XF0>+34%/U-@!ZX>Y\P.TBA2[9VCIP(URBR'4WJ2) M#V&0G2,66S6$%W$=^:YT!ZM&R?([/26F!%H6S8&6'[
)\U!1K(@X=VP"A%Q M%QFB);_Z4E9]6HR?!6^A'Z*E5FM)0SU6]E^U[G/ .¸T#%./2+^5X' M+L#69X-[RUY^"]QEXALNQM952
ME[83,*LPQ0'369:'&V)/%^13$*JF5L7LHY8.^7'5:?!W!>YV"1I'OZ+Y'7& M[HANV.?8.Z.X,P>'-C%'O(VPU#A)LCQ[/7:O'*%Q-86BR^W"(
M]88+#E3]N4.U+RL.TO:&.N"8VZV1A:U2WT\+&+3P>E*D*8(G^ML5&@W]8>P# ML"D;CJNG*3,J*["V+0NLX1LJCU*L#CN.?31#$2*HR*8W>^8@;U$GY[#[M1=?
M)O$*27MS"A_SR6"MT;']4[DZ<\+S>82:'.(V,U*I^@)OHU1S8@O/[1>D<%SX M!.^32YAE<&S_=9^^?8CU>.!E)L2!-R"LOG9Z+N+*I7N_P1J8(1(PIIKPQQN8
MADD0^DA'XA]Q]K#L&%]2)W'UJ^08WGCAV)X<8S9L[\&FC/+B NA7."A@&:99 MCG"8Y8A]HP-WD0); MO,,V:0.\E8=!"M#N!/ ^A,U'W,IEZ+>&=+N;K=I<&$7*+3;8W+Q>WD"2
)1L M,[7J5HIN$E.PF]M&R O_2JZ@:FQ+6X&(M!?:#X13$D\=!"4?_@#51#;QTOU2 MTCX-,W):P;F]QM9+LNX30!!#]*SNA(H"CACFY2F1=#HZ]+ M]39[(=>5#TX.GO)4>\XC.
(RS,:V[<;BRO;I922^>3Z9 MBCH@Y'$FXQ+\J N:FN< U+U@G5WWTWHGUG0%SF)T2*"7$]X?H8^,0^4%I2D4 MS6F;C\&0]2?TH;'/66$EZA7F*"!S/ 3N16R.)(\!KQZZJ[P.=YG)
M%F;"CP/GQ6"F57>NFO1GLF$-P!M_JS*=?],PGO8Z=K^ AG+CXE SD&>U/6GD MM>-Z*QIIZ8PQ]<:GJ-*9F9TGZ>WXGNYJZ@XVACT6N+&T"(F],&X7Z8O8\NAD
M,&*,R%1QXHBO-(#!0XQX"PBZ$,[*S,I-.$_EY'SOY45*_&:+.+A#]J)#"/R_B MX!;^5H0T-_SXN??&YJ"%@IU@')*4?P3.J*$M4MS&#Z!_.D]\\+O*IQE=)^0H01(FAU^[?
N1]%FD1LEWDK#D9:-R7OY ML&SH5G$:0Z$;H&LR60,<&H3\(]*Y >H:FU14[>)<("N:?7/7?%):,XMG+PW(M_Y2)^X@[)FLN\D8&^30\NGCD,\5) D@M_6';I?'I$#K/#F:;))--PECCLY>
MMB$]2]-XEKFLJQY?+HSTT;CG93MXP9F2\/I!W[B\[AT=/J.L%N8L&EO?I(]C M.1O'HD5+&1G]<>B8K-F^*AZ3>?E&TUXHCGQ^4P"IMU[&G- !#Z\B\G<8L'F; M)NI'L5-
7&;CDK/%>5F.3^Y!H.9SPKVI%R!?A+.^6NK#W\VXI3HNQ^C[;:*-D M!^$=.J2$/F3W=)601*F0+H7L/D&GF_;?\1/QJR3_&VR];25BN=Y.\5+;#L^V M%;Z547'6T$-
<9EK97T,^HD[+M9/=QL)BLPK6]%NU)QWQ;F8Q'NNN1 MFQ#R*_S=V,::9>8=^!#LCI"STC] ?#[&9=%P>H\5)+LDJ=M-K4"0H-]76R<(M,Y GX)&7_>:ST@!"D%M1!7PYFOHOIM-
:-27;J'XK^ZGM^+)Q?#Y6@&2DI8! MSGF2AD2#4".A0,#-/D\;01'T=NP&%7D:UOE>K%8I7*&3QJF+O\'8YRP@5YG M=!;A$"[%:
M;]"ZAVC3(H3']MWQNK%^"\KCA/[JF!.^>'HB40'GFE@[SQ7D,V%DB37[>T/M/KE?0_()E>RR60TK%IG$F:4J/7GEE[#
M:9@@:>IRFX"ZF&H+3F46AH4$E1OJ=H#X";C^N(D19S'"#U) (P@R"+7$8S-%- M(!-C+[J&.,S!JN?<"]-?O*B OR21EY.W>]JJAT7#F>IA,"-7/4O4"#SA5N"I
M;N9]K]*1$5/O*9@\"O+^Z3RNH]N-3%ZL.Z09# AR6Z)MBE8?NK6_!9(B/7V M_^MOBY6_QMS\$__K^:?6W7?QP6CR_^S[] MX?N?W_SSX7Z71=_^?\ZBOZ2O\KOX%_^]?
W;CR^O_7X MY&]'3\%=^IC>7Y^\]>''B^W/?_CXYJ7XJ_?RV^6K__[KV?.'RW?OP[,L_LOJ MY;_7#]EI]L_M7].WRP]'_WGRGW!U^^T?OGL\?_G;8OO]#WO[EZ=_O*'S8/VZ>;[\
[C.^_LK]'[_%WT\O2WQ?7V MXSI??Q-^\U.XR'[[]MUW-ZN?;]?79]_'WZ["#\7%]7'TT]NC_%\??HN.CJ_? M;H+C[I!?9S?!ZZ,LSW^^^]M_XC?+Z?9:;3Y)CJSO[](WZ_^_>_@Y.[V\-#
MLP1E-)>4_UL1TK?0)TF60O9$J8I#,@_/;^ZHQH[8M&0"Q8<< ,F88_J/9YAK[(=U4%#VK$+.* G*,F*(4[M$E?6RQ^,PSFT;/JPK3N97'" =)7$AS[VWT7D/KARG .
<=2$MO99^1*AQQCID2#=1H["X[1D5*MO)3';VQ%/63P>GF6 MY>'&RT?W>.X1M^[L[/;/"U+/R+5<_9GK@R-;(FV-PAC6@)C<$R];(XCA_^_# MXQ,RW7&AO4EW+K4^[=>R4.*+YX-
C4"K%=$]%R0VG_BC71<+U1%S)T1%>4X, M"UK45GOT7&QH%G=;)A/ZOW:/O I<\:+Z8JO^@@!T*+@&H':#Q6./AJ-2!:KDZ)>TCBV<)E"+'JJ^K$N0:>7*;=
M&G?"V3"'UGWJ!=@K1AY;505M;Z$/47>/$:2=C8PRM3[M;[1*?/&BF:,H>28Y MJW$6P-.D>,R7100]*FXOJ;6$W(:=^HP8EXU]0FLQ22?>5;G=6+?^>9QP8%5] M'KH_
LA$U2TH*QCE@&/!19RCV<$9S,EU4W8>QF$.+Y%:#";15/+^7/BQI%QQ MP52UHQLD+G4=X5:TSLL,$*8HW2[45";#S(E5Y8 .]CLQ<60I$[,8[*%&"\D MJVH.6OCJ \IZ')^F[)J /IWL-
SV;B'2CP4DMT=)G*>>GW\(W5UDS3M9JC9 MN6W#7X\];BY[0@2T\HZXUFYF,N_FJ=>>&?.# 0Y5NE[B._IW6[\CFQ#C* M-ZR-I@RY@CDHI>,:9G*Y=7-\"T<\(!"'F1:$9O+
X3Y5I>,;-)_9)+:;"0?S M2(DJY%&8,Y*0 FU:KN$X ?R5*?RB1I0O3))8;B*3XHTA3%:%TVP$+[[(C]& MA(F)U:,Y'_8=*,:\\ES&E!ZH"((V19=QOH/!T?$B#YHU0POTS$OC,%YEU:.F
M:4$LZ\UZ3C(Q/_QW2X?DU*[+JI\ M0-E[B#,?3.61WN_&G4=ZCQ.)1WH'ZN_!K[3%WYT&ALL$Q_1/L\9LX)_.TOP? M%$1.!4U#JXX:U+B%&/13@Q8^79NZB\N%+"-O^;%;?
$AE@X$A'J*FC56]"R9; M;&DJL.# ?^'-:&G[77>?!56KB"%N)\^X^=/??KS-&:?Q_E&"4RR;>Q3=_ P M=(\%;KQ^^14+#0YV!XY8VIL":V"Z[S2Q'KE#HF7A@D^U_E>EH^V$W (6[,8
M^#P(SN_X(Z9&L+T'B,52;0*"\9G=;[WTH]K;W/]Q4&4I(^&/L!N:74?8++ M$?,Y+8C*CQTO?/GDUJL ?Y1F(K)/T"$E3\A#0PUY,YI93_S:YX$C[?)#$.$O MW1IXDCFOQ/*-
:WM/*)#N!K_)K/U M3>Y:.E<.;XY>_Z"QTH4$K*]Y$3>BVR90MP&X$<"M7&-!63ZU5I".?E"EU7YU M/ES: /OT_36\CJ?1'CH].ZN6JL8?#W^80GG;6;6$:M4]/ E'8 (]2$YFVM0
M(1@4*CUR9\P\T6%3NVL:;/HV[^E[/$@5'+TPYF<8KGBZ8"%.3XC'Q82>A$' M,*@2:NIXL3AMK6]O'$:XJ73A(?T9W"0D4BB<6@)!FN4LO(.XMCSQ0G)
MRTZ0I6/G\K;S3S!8X.W[LGG8 %H T#U@,M=1$D2C44C&JYA>A)*\W@(#!B- M7<"@SX88!L>SA %?$GLPX QW$ P6!ML!NZ559Q;3!9D.$&T"KE2 9_@C]/P
MN$N!9"ST_98.A'ZL(_3C.0J=_W[JWUDH=<@6L3!4!C(:3FQ"F1>UIU(^WNK>]35,2]!%/YB!IYPQI36$MT? MQ;!G<8M5"HF_1>=8R&EK_UC(9D3RR W4G\] TA(Y]%ZTL89JZMTL5<
D3J(N M;1<>R@X'XE)0KC6\4"!MMU!_3$.KDY%#Q6FR\<)X9 0P.I@ !I$ 7T.N%F> MT8?X#5AY/J0?.W4V\\7#J/*U\(!KF,O)]KE?H(,XWO$Q[8414CH=LWU%9V,:4D"YHG89QO
"_7/LE'V,#BRK@SX'0Q,'O:8]^F<3"A) %?H4^_'UU M2,0-^EN%76PH2:D*BQ./U_S)$*T&@"\UDQ@!;Q)C@MW'R*='D?)@,L KHD:^ M!?7'LS HA%+JO"_CCG3 0]PFHW=ZM:"!#YGA1
MNH3*(2'3S^%R @I0.U<3,RUXAH(C,[36X,)-'QP>^>O85!NH3HK\O$!Z"!YWQ!W97HR[UCDNE-DFFR6S[MJ4QZI2XM[M$J_/!, M_E)&V G04Y^\8\"\]*7P6*\-
>9]_"+.PR",W"V108GVQ3EW9G51'*N.%E M'&TU TV[_X>[0)TJI+ME!)3F9#!VS"[E[,7/RH"&- D6YMM00M]7"_W4R=, MNU6/PIQM'\FHW&N@?G< *MK@[.8.G'B17]"4*0PKP*D-
.";HV';":-O[@> MR,%4%L=H;,U@<]#G6L%V:1'"/Y[B7M&*PKGM<&T\@&@"^M![/C;-V%B3;T.& M4S]B&8JL_N5/(4S19*UWT[@^M/H>_R6ZT%S7X4U>D*)N0!RT5XM?&/:3"XO=
M1/JR A7B:3(*$J\DOB8ZL5^Z$6M2@NG,/?"**MT3;*DAP4(N]6[SN4K2L2,$RALW%":3.QRY&-ZTC]PY(O&[1+U&RT2VN +TM.O@*' MH+W%E&?B=GD.'"]7L02\'+3)Q\ #-6.
5N!S[-9QA_5I&&_CH.?RO@=%ZJ=FUZ=&:>"P*%N48RYUI:KK< MBR=&,G/IGE*$AI&[NEH(_0*F&_0EY@6UJ9HO$V179S4)[CW(2!N] 1N6W"B6
MAC/!KMYA@C1OB.%J2(B3%L7*+_X)[N/F&#;>O T%;)RT@ 1W8%5"-4YC'DRU MY:KT;/=LJ<"1PMYGMBCFLMMIX*#CAE2<,J.T;G"%E\@[F*Q2;[L.?2\:+:*,
M3]M:1!F7!0[6VA^Z]58H":?.KR8S8\^)=63WF7S HBWNHVR666;*C(1V,C/?8 MJF0"5%P<@ X?Q)]-. &8%1HWV3 #:FZX1DW)%6C8]BJ\L$P7ZX^\G""^>4=F M'P.F=0[B/,QW'\(
EA1I7%?)R%1&C6JO-M\Q*/*D>%'$6QKLFR$W]1'T1-^) M8]68]R$/)^];VW(AW<)MDN(T]Q\T>$;).P(;VI'%(.)*=YM1=D*SC>E8\(%G'PKO#P M6T0XV:E2KV^[YTLMWA3@?)Q"
[V.0/!.CIWIH4BED!.83+X%638 MK0LK'O]82#J&L;_>>.E$:21DW;G%U!XWZL"J&\X671RY"B'&FH[1--8$9V=. M)X[UE. ,S$#2+,+CQ=(2JZ6A_L$>Q:E.I(*.+#I4^%PH^?
T$'G;>X7(,>!(> M)"53,G8)]%::^NQXUWQ3IK$G.=UI8G?4!3+R<$6"R1["3<*BU>0\$PR]_((M-^#:=/.I*3 *OA2*#PR?8P//>5.RH\=0[TZ)IL#/KHL\R[TX"..5^O7MP"ZL MV C,"JJ?
%"6UVB3Y5Z6EN1!B_XL KS&04JW5LRPR1YR6R1;A[QE.)5),P)# M-N^2!G.K4(RFLUI:M,FE$JMH#=E49F0[C0Y-L]:K+=O;NX>%GX=/ M8;Y[B .8XAU+(Q)Y>"\6@W@&,SO6SH%Z
%47@/1!BHFQXH-GNGG(8:.[?TAF M7?.DB^] ;O$Z&ZT.;9N:I>#XO6X%R1?#+"7C\[>.6PPEJ='->R6>^AS9-?D',^G\&#!T"I1 M9ZWP8]*89 UOGYAQD'+9!P94?:J>3]J-:3$J/S&,
(B9SCVZ9,KW,I'^=WH:K M]30Y:T4]V;U@XC,B2XA?%4A(4D!:S2*5K8((&4GRN<,WO75BD9WDCI+?D) M/9NM5TW64MCUMT)M=UHU45DK+T'/G5'];=?RY>*N^(DM:-
;O*E%:+\PNEQA'$FTJ@92F(KU,]&K M1^;,),UL/YD2697DAJEX8E.P#M_@#!$'1[G,E;C.3*]$K1$AZ!6Z;B?=3/9$3-"118\FGPL.C-OA""2W
MX$02.\"M'9M]$F&/KM=WJJ@R6)K@J"A.#=S:D*0 M6D@!RXHFL^-DLI'35N:F.HX_R-V<2*.D9F?!&C@LS,B/K,\PT=#K(N+.(!+ MIW5 33BP:
(\8L,>MJEA1&E01U,'*&0"2]F(PG4ISP^<61EZ.X]I3?)I*+HP. M+-<&ZW/ @5_Y(:W#@G4,_1$WQ"Z960"-+Z\VCCA#-KX90+.Q26*8>^FNE>5C MLG.6M#NK9JJ,&PZ:6LU
]]VL,G.HRK63_$IE.C1=VN12\WX-R^R..'-GL=F@ M'I)E*W1QX?LXZ1;:]6^2*/2;BT!U^_NA?=C,QS^05PXL$=4ZB2;)3$L)[T>) M-K1!1;QU1^_ZKGTDJ-3WZ6-,M:G/^&2-
PT0OXJ:+LRP/-UX^62"U2H^60ZKD M'(T/Y[FXFP+?1)*,5Z^>RYM>_GN>2QP[P'H M!S-(/2B53)WL7CA&T]>I\ FB(+-'6$TFR_R9U]I$/67P^C$*5^00KK\K&Y"U
M^5Y5FSL>C"I"5%.5I$!)"[2("9:^T]1C67>O#TUFT$3(U*K*\X&.P9*[=Z- M#N!O.%9=[Z,CR-T,J:P+S*$^F-:1:G)W3+\OF_?X0DXD'AK2J'.JGD=;)"5)
M\APU[$D8\JJ3YE.?)GM7A[9ECUZG"1%CM)R-D QD;^$E5:UC8Y18:X62CKUF1?Z[07&5W6]S--(=8;F,[\ MF.]8ETF6=6A/Y:H0=&3QAHO/A1'.YO.P2R['MH*23(,YG";-,^DP0Z12;D?\
MT8QN,N4Y&0H\]Z:MNL#4DM<-,6BQI_P^S%>IHLX")_"H/"B#V&^)@=S M[.M9A]O[A-;D&^T*1+=\&\ SX(MW)8>I$+/W)LE"GG?&^LV)H9BK^Q23N3%3
M:#0]A+8"8S2S&:W0[YX##_JA4"-95TG*:]5$&=\QK?^]"$W46Q3'9[9?=C/ MO=-E0 R+.=4)%,J(\2J?,4[#>];RR@'I4!+X>>=%L.T=UE4-&N3L98]79XJ# MF.HN"N\TA 3 -#JW O.)6-
*7:*UY-"=JR(4!(GT)D9GUZ/D?6WU,I:#D_=F^ M6) Q9 [%.2DV93EWKB>4YF9T_1$D?H$=J<3.8NF1Q6J5PI67P[,7GX1$X95 MDS7RWN/430!LM0$9:?2UPZ.18"P]M2
=]\@;O5P0I"3N]?(&DC0[!"L7I+X1 M.O)S14$:X7"]+6T&(MP.A%7#KUW:A<(A]24BGX))E4+JR<05E^BI!SCD;Z M81WZZSH9%THUH$RY/VA";GG ILT%C[EVG#9V[\.#6I MO-
OZ %]$)3$Q3,DC.[E&W'HISGB9Y230XJE*>!!F68%^CO&SF #"#5&8/J&. MOD7DP9>H5><7K0\SQ'BT UX,\C4B1_+E8]KX)T(Y_>IK<+\.,Q"BG00O_J@(M8 ;RE#P W-
44MVBVUL2]];@CK2$Y9U$ M 4RS__"V2?9'_,F)YFMG)J<(!_WCK10T]G?V_L9V@U87;K'B KGY @M^9MN[M:$!"B;!'[T(BK?36-^@04,1!DTJP^FO WS3:!0$.T'_@(24!GJN$*K BXG+A
M*(V2(3&-V7%A"708K/BZ()I=562UG.B&\+6KHXQL/&+AL,9NVUQ&EB'>W> I MI/^]B(D%D2R+K'SN*[>9PY(&^#(HJ7R%]Z@4$SI,EH<%/I,26B[5GGRD)6FI
M3HZ+5701AWGH13B9T2HF]QNUB5BG^..)KFR++)FZ,99CN:I 5+5W*R[Y^!@" M4YT4!Q8Q7N;X:'*],)DV3?T&$M "O6BI/ZBJ&GFU &0/X:^-Y\YR!G,]DF1INA[;@ZC=9+FASE,-
^(9=SWAY3"D M\]X9KGU5ML_,%1]F6 "72;Q2F'_W$FB&(A7"_JA=+P-BHKP6V@#=R7?HWNDR M+I[J+V%V%M,TG>=AS':C"H'>"..P&?%7?EE
MGH!'_'T8X)-5C#A#GV2XRN<.>BDB$$7),_Z\!'+[KU^L#LY?2DQDB7M)P0[KP MXKA 7Z!NPR3(P/,:QO7?JU]B;V,*MTCGHB%@J=?TB6>6,(_&77*+J56Q5@'V
MXGZ)A!.1(6VW:>+YZZ];.X8S MG]_#-/@=[5;07HM_%-CO@+N'MFNQU'B?Q3YVW&<%5)%K< H MA!*OR:JXK;(J$HQ4_1% K*B%FF77SMYW*XS"WVIZ\R>"ZUR!?.;-/$A##(<
ME]BZXT$<5Z$:/.&>M.^]L+CJ' \20P=SL"UINUO)2@/LR4UC6FP?!.@5Y/62 M7KC=WCUD)_A^+HI@@'B[A7F1QC"X3]#*PY=S61B?HGW<2W$(&&DCO]NLPALQ
M<>!7U(F$TY(^MFIP#"6^X71\AS!X0OK2'V>*K>OJBN\ZL#@N@4O&425]K:MF M-!_*(5&O;+3>]X)@=;@AM@&6N$).'?9;-7%I-1K/"!<3AG-K6TLT\9[7RYJI M7Q+\Y%@48]0-
@6W)\ZENZE*O42R$9EU ^W'EP(9\J +>:8R@+3VXTY5YI%A4#E)V(B3N\OH0D,S$' MX83"*&0UR3!"DIU+)61'(PO';_\VDL-.)V9Z2%#_'(+%5<:H*B?&Q+A81-5C
MJ/TZ48KG^E/A87Y'#H#-@ZNPJ<75#REW($[%P?=%JC5KUNU_U4< M\(8?]O2 MD ;TB\+W'9*^P\#DQ^;C=J#^GEAN MI,4!N-
[2*AVU"]CM6IQZBOJ0L2,4V[Y!XV&5>*"CZ@T&^\G)/_C*7@0V+KEI:5.O* MU@FH74PG&_N!.L R@]Q"KTH_!<,WJ$38Y1DV75<\X]0E'D1O(-^D0K?T#94 MP J1 5]B0E_AF^$:DH>
(V"&FAN,=2W(N_1YZ ^\AQ63>'(CWEX16&7Z&J3S; M$?T8;/"7.&2T_-R=8F!RWQ.%8(P6ZWIR/62L!Z",E"J?K@OPML/)*MO?E3T"TF7MHCL MK6YQ*![MV&6)GPGFD866R<1E5R6?
%%F>;&#:K@J2O8?8+\%;UU43T&D#?]6M M7-<#$PR()4;I^&W6WCOSTA@9F;?KXA32,"H%7L_H<+SJZ5@] V<3E N2,@C7[MP@";70A-I2_E4)2FQ0&]V-V!?\0_-M>
],REW)KK759T"RU;&+;X2$<.@ DFS M*MF>5?HUJ%?%3!02>QBL^1<-V%H=M[$2E+!V#DH;U,0!H@YJ\H#0KPWX765R M9 !U 7 ?@'8":"\S>A8]KJPPK^U4Q"DM(7\-@P(7&F/;1+
<06=2AC_1ZF<,O M1%8VMH06/M(U:#BD#HQ4W3*-T<;<.@!-/X!T!'!/!Z#]I2RGPU3-;BJ:C#MO M3"-U"M%8/!/MW=QTK[>OBSS+/5+' 0TL]'G J8B D@K8#_T!+4H'@-!RBPRM
M8;/D:C!O5E5&Z<>X29,ETGD(B%YT#]7I"L73[L9P.T.0-G2=9$8\B\;B83@>% MF;!7W^PA1K8?PDVC%SK)5Y%V$!MA5?NV+BX?ZS8J.0.4B--K&;5Q,BYD=";(
MYMD1F0IACDR$IWZ0>)G]F&61T5:'I!EHVM%"8&A=H:8NSR_B0;'6D\HT6%E/ MQ'6;[O[QT\^\Q?+3]=4[\#/Z'R=^T8:_]C3N!'[MR08VEZ
)1'>M?!=Z"6Y"VWN/A=IF.$J[^C'>$7=:4C>U\M[[X6'>N3BP-P M"A]ST) Y:&+$R%4R+B!W %H7SR4+X!VY@,9G>Y?*::4>Z-Q632L^L+PA4!T@#B&/<$V4DYV9:K-SA-
T&Y5.^V]EU?C MB(,[1 \-XKS 1B_%6%*]SOQW1:T*]#I"U2=@:8W!,TZ84]3([GI*OL$N%/0 M[M6M&3O!-++=A-)R[8#\@E&R18&]]!?QTF4K';D,ESBC:^;@:8=H U9'C G M3DCAP-
B>2(6YL%DI?&#F+A5GF*?N"\.4 2([(P^8R[QH^U!0KUG=^$=H*6]2 M/#%VT 54_;L/W1P93$R\ZIA1L:DV-XG(L#=E]H0]] @T&:A+S*>DV3>T] M:[M=?8ZNLM:\)]5,B5E$+P45;T'@?
CF+B- O,M<.6+6Q,J]*-&;) M[L&@4?\G7K;&_X^W@2T2)(C M98N6^.+,[]60/TM)@9>ICEY8$*T.XJ_N%^GOG?M+] 7"=G.R1VK2KJZ#%4_%M M7!VH>=J[<+-N(^^QW+.%F4.R>?
NP"&K7H1<&%_&)MPUS+^+>10>-K[;,L%^V M<*VZ.-A7CZ+QFSY:4CE_#E[P=$IL!.'S]0C=1!9U8+YTL"-#+BC82H5\=!= MQ?7+!%;9P;DD=!\3<1;Q,T@W9:8YWY1_E,5N5@P?'VM
VH*8(6B0/R'.#!HL9 M!VKI3(HD($M_?NTBH=AN(W*2]2)L"Y]'R?.+1]GR;#>PQ,H"WR&2U7Q;$R M!:HS338CYTHO$GX'3FY.6OY S,P;5J!]\MM[TRO/ M-DO>IG-I=Z/$CL-
U$@4PS>C]C$RP]*L#L,CS-'PL$K%O&\?*NUVZOIV>3O 'PY*$;.BVKQ\. MMVIS6]G:BF^3*#I/4OSJ0/$A2.M0T;DC;M\(8ZJ@)"LZ4+CU7NM-B,1I;3*[MUIZ55=%7-Y"P1<(Z+F*
<1B5\@MP, C3@[7H)RF9E6$S=T.FUKW!(/0>7P@38 MSN)0AZMF]PG'%415R!9957Q'6$T%[V%\O]A!N4H)-9?K3V_<;+^9_LQ9%NY) M$I/-
M_"B"UR>$V9YZ5ZZCM$&L84Y8;IE,U\EY$)A%>-8W0ND2,I2G=?+TMX2 MY.]M]0;J[BJ_'+EX3;O78N3="?8*F4PR6NW:%?CUTD%)IE-%K2FE-OP*+GC M%'H?
@^0Y1GHL38+"1UT_P;B Q[L3U.TJ27LVHF)(G YEFUFI Y;QW1" MK;DW1P=_6J$9;QL'54B_^)FR]5G,"4LO68\LY86>Y;F"*,P]M(P0?8R]+TL
M%]^N5E_UH^PM2HG/=EL(LL%U/&0F^T*9TVAX9+2 D 7GN3(S"@J^RF$O"5-V MI\WE,F,H;\F4V(M,OT]29"DE1(^(UVGY97ETW(N$L#W]?;9[D\T;F96YQ9KB M?
1B'FV(CGM7R(^?*K\(LOLYCC,1F0K_FKK?G&T5&>O.IG]+K*;W;]!;)__"V M2?;'Z@4%)GW0A,@G:?T:;+YHH3)+E9-YEMFU9FRU/7R\C!/V$WCLXF\)IY M.^OD?,P?$?
N4*YL!NY=VEV&,/:@I#,+\W//I6S,2_QWZY9LSKIV/FA)/-&D, MJM8'H&I?/=US:\7+!\BTVE7GQ>Z-&S.749D5O\C728I=(0\Q4@#4'4Z,%I(!
MO_/DYA;GCJRX[006!HYQHFH:/L#L/=^B71WP,@YY#JPPM)\.K6V35':3B+0 MS>:W\/UB4T1>#H-3N QJODN]G\KPRU9C4+;^:F9Y#?OC8PE<=58LVFF<*/Z MRJ,396
8J5%3:D5J.!:>^I@UXC*X,V8U#U+UHJ),YQT'XJ<5Z(.K)$X[+RUP M^_)-A;^.P]*J/B@BOWHD3YZH6%U-6G0T)[S^YG M.YRB*D.'E7=)$G!52OWU :B^!Z3! 7B7)IGSAY;LT;
D*AJWM? #6BMU41T" M:3C,=2QQ'=%6H&Y6/8-%#7LY[.Q7(Q6-J."4Y@ FVJZRN1QGRQ\DG<';29; MF*+C!9) CE8U/KEO10>O.B,*CCJ@-
$!%!)V^(E*6#*OOO0=U@)EFI>",1,F'.45L\JK!".YMCLFYD:]/2M34A'A=3'RK,A,4\2E 1:*0!=EF^;O/JYY;RLJQ^X%X:+BP^+*T<'\[(:]E3N
M,VUS=Z^5WVF8^5&"#V#2#.7*C:"40G=.+Q) ML'K63.'6"X,RCK9^-4@<3)*WEF73.I.Y]=2RS>UWI9N7(!LA9/6KS8O5V MCWNP+?.WL\74.?=WC_W=+/:.!,0?
$ULRLCFPG(L8+'#EDZ^0(9,&&>A3]2# MC0]5G>HN=?=4WJ].@]EJ?M5]#*,)L3D&FT20GB3$Q4'J*U0A!J=A]M$PD%1. MS\TK BE?"]&E'1KD%S3V!)-AIL)U%V2J+%9&K*G:5-
DP)$@LH?>B$!5)/W(? M%=EFMCW%G)%8<&%51]B'.V[QH*N+^[-3<'>_N#^[US6'EL,M$GV"MUU8L*R\IL3/*PH0KM'?)I$D9?6Y8:Y#EG\1R"Q/H]+ZQ,P MK,_Z]4>O]F
W)C"K/VPQ"4HNF[+.+A'D5$!]N,X +W:/7K02!NP^F&L]\BTK M97C139*1\%G+SFNO_08H<\S[HFY),MXE-AY@5U3!Q5Y\&O3 3B+BTWYQMAI M2HV!D\3T8(TQ[I8C3LD[VO_?W;?
VOJTC;?X5 @LL$J"SDYP;L-A/OB2!%TEL M^-@GF'D_*=WJ6';DD=2V_'^^F7Q)DHLBI2Z751>8,XD=L02JRB2=7WJ Q>-
M+B/_6K1W&EKUHESOJ])DJVF@&G.CNFOA*:BRAGS#0Q]L2I,4T,;&E%D&F* MJ1N>S9 MO:S!4GL.KZILXV-@B; T:JS=5X(D.CQ5 L#(]<-6%Q7AB@&L16< M(!EB3[05KQBW)0?
A&C00D#Y,XP\!^'E=0+%(A,;0;YILVD)^J.J/D$(WJCL> MYKET^E.;E[-M53/Q^J3;\J5D>E2O9=3ZI>KDX4)63L<^0_^%PR='.(87?N)
M\B+%B]\)OW:^P3]0%52;74.FQJ<&;8UB$ENZ*>*AW81<>ZM!J3_/Y9\6GJB" M[@KA=VH*I)6F\1]@JSJD%T7'@W"=).,EEF<_V6:Q"BWH:<4R?2//!K<;M>: M\^>!VQV1
K;.D!*N&;#I5P,K6U%_H"1L6!&%FLNA)>;E5 M4]24#9.&H8*,1]UD&CK73YR$:@S>: 61!V5$##)Q%3TLVY)FD#SO7!R#] E:P,N0MJY))Q51+'H+- $P2RR*U O08K
M3E^Z7C,BA0EZ35"6=/4C_$2HZN>+,P6(^;[<5-M/Q3;L#Y #F1G)O%-&8RTG M0,I8(7R M2].8(/UPW"V_3AOAV\WFW^L^3]LNZ[QB1A9E.V[#H)$&B(,YLZD^29D]1
M]3A8.LZR'TG>9*J,BM/?5/I[M>]L\:VILRUN*F9V:4^32;Q1PYPYBQ#'YXWK0=0VH>T^3MHUS@\:XQC@E51SMSX:HN^#Y^ !^! MQ ^(S '\53"W#(P2J'+=/Q7_VQ08:(I6;CQ4X38'?

NH1!Z)Y6 M@UY:>K@PLP0!IB@P)UR?#H\DDDOW\IDBG41--.SD#W,9JB21KO="J#G&,'W& MRKG2Z38=L>3.JDFLH[ZI&<*C7E]N%<)_4%[UF.URD2/"+@W,_F(;,O9_V5_
MA)P20^)3$%#4R5IZ9@RFQN3*+3QZ?/\H<[71::@?[B%5;?%_Q,_^M;(M'K)B_*==+E*.X,"PQZ_8EZI\D&X5_F/:33_")[9#@V(A1;P]^*VU+=90G2N3
M"_D^%QH+9*8$DWBZT;P;SO1X#U!&DO2=*#[1U)T)$B(,0+FI#,)>]L;[1B%. M^M1P0U#,49LXY!&/E0:]X/^9U(^H^92A&^)GDK_D%_&Y$ MUU8#39.$E7+;.3,ZI4) M.W-
G4_B8HU/8G!G\$B_>7Y8EWE_"XOTEN7A_CQ?O[\L2[^]A\?Z>7+R_Q8OW MMV6)][>P>']+4=0 EX#$\#W? ^ZU-$&EZ0*^E;K)NP:T_DX6(N:A0(TE(>5# MZ%K,*&IV\][4X/43N4?
5TSD")$TO[_HBB!HF2)ZN\SNH,'R$OM'5?0"[^N3R M[(*=M&U=?-NWPEQO*W:5U0)%=Q$(K-$L8@LX43Z48"_.">'55MWC[]VRCK]W MX>/O7?+;Y6V\>-\N2[QOP^)]F^)V,64W -G?
YI_XEMIKV2 M)/9&4&,=.64Y+[AT*5H*Z$T55YB41Q;__0!]*?L.TI30C7I5_'@5T1]?3R0; M!BA45O.3;FA*MW" *V?S14DAI9'I1_Q)]\>R3KH_PB?='PE..BM71I5/: VP
MR6N^3S]4]8=]NZ]S4!7'4'_ZJ$NZMD0%2#0U4;TKZ3%-<"EM&^/8QYU3LV1(M69OBZH9?\O9R.X)_T1O"Y!CVZE/5-*\%G"C<9WSXRJ-AI_4P>KGU+-^X<)(T
M[])@@W^=BYW\ZY*QDW^=AIW*W7-B%%?LAW@:(@\]F_9^N^;.BN;3(0//V9% M"3MB!)<71HLHI!G/+ (K!B3L;946U2"*553'FR D0OWA2U5><\WSW=MOO[\[MJ>O/U:;8%OQ
WF5>C'@^A)DQ4)'.]"@&PY(EQHZPXF@60;8)KY]K7+@H^*W0 M/EM?13.AEX(BP00->_LTX>8*B1J#1O.,:;:)(B/<43=/U;_RNN)_\/_IA&M5 M(S9^3?'G&0QE\!?XS^2?Z\K6U
WEPKPY.RU6',318V%3BS9I$IDMN,7$ &:- MP+=3"A^ICQ74)SK.-ZEEY:FY,T4F!S?5[= VEMY4%^$96[VI$DO?X2\"A FR M)-OGBY*;^'N1>B^<]3=WF>IMU_R5-RVP*>,O WA.
=1TSF\#HQ*_8+\ .55F MS55U^FCY;+MN G+"@/>B(V4.QJN8-H-Y6SZQU G=BUE"5(%>RN2(B_)ORSK/ M=I#_#G8"UVZ;R[(@E6VKNN&&10?
CX'/#=E28)L,N2S8D9.%DI/3*3N,9\1M. M%QEM J_X!"VDL@FZOCQP;$"W)?9/BV 0V^31+F]5;F/1T=9 M%O3?5-LWMSIA].>'6YXM,]3U=;S%(*ONZQ=/GWB+IW7QX75^7Y2;O/[/_]L
M]\\]V/+U44!H+]>W33$UF]@\A4,WI',D1)@S)7 MPZY5LV*O9C;83=(KV^L!7@O6A;QR;X09Y\ )FT+-;&&UJU\;$]EO^D@>G0M_DFR(P[XC^=4?ZZH9@[X:
MR4M?,3$X]8T58L[C38L0"+G:<%?M-GFM]$28PR]>O2&87YE0?>BQX=4?$&9I MHQ&?^2F[KX7G5-R?<*H"ALUY 6'F<@.H-"&OE*$@-0K9G41@$&DJ$DMH&75E
M\1RC]OY$>=%UH.T?O;)X<=)5]$H]%^!<'.$F=.FXG%/FDDLL]"$"E M6YT/Z M$NFP"'271/(;\"7")@KR"VVBR;(B;;?ML2DVV>[#J$SA-O"[;P2),WT$8X M0%? SRJU7J;MMY/-O_=-*V-
X-K_^=O];Q63=,*L12&H\TC&>1HU8OQ#H@E'] M&\Y,K9O01(7 +OV[])8HM9$3S2@2VIHD(N+\DIX!;6*=H3X0CL>ABQPOID]9 M@+6P.\$C#>(3;Q"?%C,[5\CIH#_ZEDB.6S%GJ?
1@H6:G5 A"G&$K%"<-VC:\ M5K\7!4T[ADPN^][(7MCZ\=0. 90'3/PCS%+GY9=ML2EV^[9XM%+T)$YJOE'- M=_AI*U25R^W[K"[Y]P+PJB+YL^LU@.;P6\3MCF":O&YE;EX
RH1^!7A:96[P M"FGQD"+O_QBBPKZ&(ZX!E;[B5(K'5\$G;$;ES-I1,CQ\$1]S(B-SKMM4YJI. M@#C2R))9+TCJ M'3I(-*C3X@C"IMR,0I>%1+TX-"2ES<. <;BC-
*H]R@NNT8^P36L,4U4.+:_P M+"U6 I'8T;@:Z9(3JF,Z6_VF>G__L*N>KN_NL_KOA42342;08\G/+6UZ^$,A2\2NZGR]+[E5KU4FI2KY.U5U M8YD9W.F?9GA"]SJ&.\?0CA<)89:9U0_\I-
Q86]QNZ'A7YX'$#+LG.B296428 MZ70)9!;0HF<"N\[Z31:5;2!6?>;XSQD_&-$$"X/4.33UAV8J?]]6#GKSR]M? M?GO[QZ]Q_]>/9O,_8LG0Y8P$YP("P]1:C=MZN46@6A'W>"2?
1J=7DD<=+H M'0)S/\&2"+&>IW59)DH??QAR2R_J>C_#Y M()_\H;)>A%D/5AQ@@G&N+LO [8A:W)V1N&**$..4$%US.48UQO0$N]@O,T)M
MIQ^<]R7]#"K:$S:S[4W7V548-\2QU//\6]MY,G2AB/K.;_+ZOCG-=KN*J[SJ M5]5I?I457M4?Z%DN**OV1.\=073%%GSZ[9BWW(&I!-;QG,E@FVEPZ1+_"E8 M9SQZ EAU;
(T"$7N.1.\/':&2ZDI#L#T'O-H8?SG2@<]:X\D_3U"L!^5*U^01 *!4;6 H<930_MZ)Z9)@SREL&4.!+=96-PPWVX?Z_B+(D!^ B+:!_QP0::/5S2WDD#2H[)E:S MI$;,16?OFF!^'FEMJ@X,20
LWU0WV8^O17L'6Y*;@!^J&K_+ C&H%31"8!:A M%1[L[/2&Q(KB7#F,Q;/FR31-7*!?1Q41"QB4CRW"_=]G8L3ECW%+?;5DS=V' M7?6$0/G*W.A0'I!%(?J&HLBE_T9IHF+.*E-+-2X 3^
M[$BS3OK)I$F0PVECDO?P9OF)HYSAG;KG!VS$W=W :<-9%6QNL^;X%71^P?X MP?^1[]I&_Y48XQH57?-(K"3,-8N;C-@4C1$/N=]P\/ MWP+HP1:B9;0"DY>(==%\W= -57#6&\
<@X%+26,89PQ=HAA9)+A*W;KB2(3"D?+K M$:#"Q91=1X 53A /6?@/OA@ BKGE;-=M5I1PE2.5X)@/2HP58;O>:.94R2?% M,HCAT-%0X\5R<#S:1"HZF#Z316V% .>%H"
<2IRH:FCO!B#AS5S=K83@:&ZD7 M;T;BR@D#R_.^ R26/$.DDU-RI)$F/84OI# .B%.6#O1?[?GLM/MW$84[^$K8 MUP_"$W4L3+0>E;;^55VLV+^?[V0=%7I! M\H@."6[L/W%[S0)
((+31#'@YG+;4][*]HUNVB_*TOCW# M?P&$5E#0(FP;27(LZILPXCM!%F,AWLDBI0^@3$.F](0)@]@Q&%.CB!,'J : M@T\^*Y^O\W7U082F0B]!?Z8R"'1'!U->/ZD(E5>18!T-
INLU'!TWG7X;NYB(M1ALE(^(S'1JH2G"PSQ8(=KP?*%W:DO]U+4!S\^)1US[C)6QR M#'NE1[^&$E)-@'44DA>VA9G$UC%>.,3;U;= <4<-$5QT.C$"Y_3JP\XI(=* M;:Q+.TGJH
SRAL;*XP1"Z_#GJMUC7C="KQ.3L"TI;TNA;A0LBTH#ZIF2J=,> MQ_G"4X+"DB"U(_D^KOFKW42^4+A<#;1S%U7$Q@;,@=]@:18HD0;]+N#CK M_[:\#WR,WA=W>>?
JJ;YDK>7VYOLATRA'I[50.M!>Z3+7BSK_^P+F9!!=8.FV*C6 MLU!,UFQS?N\81!5N,>5-*U4%;D4)[6[$*!'DF44?,)&L-S#K%18^CGR+!K$' MLU6_*/%5?AQIH1?
^,1>"^.@777DW$(^HH'N1\M\]"QTFV_GS3N4HIH;IR.HS M4P,3VZGC7*%1L0@YT%:E3$KS#A:!?>%"$PDU,FTP>7@#V"C)Y1^I>!BFC6:A7Z!8:=XN_77$YB^.>%WN@T+?
MH0MPLHPPYG6A!(4QM=YA M$$D\S[D.?E^4*E? = [Y4-47;6-RW0\"EIKW#M*\A,/F&A&2[M&%7U@]:#AM MQHE;=1-^X*ITX>J#OA0DACU?
TJGPR_VZK8U;GM0#:$\7#S\.V:$4YI<]W"R7 M6U.Z]6?^7=2C^LYU.0 \YEV!FAZ3V+#V\H*)/< XJ3FM:X#Y/KO,_0U*#&3O M%H#
<^V70":N@U:S1@"W&&*EH;QM^KKUOVN(^:_VUEM Q&YJYZ.>BNBFFD7J? M(4SH&,N4_2VYVEJ[JG2-2(9-H]770:7!&3_YBA8]#?B%9"&XFCY^ MP9Q?_0*CY0]*.L!*EXB"SJ@U-
;&T34O\M3:4EO/1Y.78T27H WI.KH'T M]Y[LV[NJAI3VSB4L@0G!,6P \$71F &MBHX%8#AUQPZ+>6;DT=N;'W/K_/[MK("N@%:+;<#$_.5@&$D]&56&)Z;SLBMJ5TS/A:G),#,;9O?
KAOFD/IL6LBKQ MR2F)/AC2K:+;SG#]\I$S@(>!OT_J++0"$@DYS4W59CO[WZ'UU9>]_6?>=@4C M,EE'E,HF<.G-'XZ)JI53P;PYK6^!5LAHSD6" M9:8]\@&<17PLV>ZVS 6[(JLL+_-
M)K#/8>7RG]BU"H&D6(V928'KEBAICY M76)S9C+WZ"$X3X2DG:I !2D>\YM*8I^-5/G(!P&.6SZ:V&L^F#CN.D>YHS3L M!Q>5]BK+B]"ZU_C14:Q#^*JA5X_M>NWJ#L/Y*:
"/2!Q%!QE HU]C["';MI;QJLX*LF)SKAQ]*HN06UDB7"^CE1.K M&Q5)G9$HO-(RHT&22VT9S!."YPR=+4XJ**;K_2Y_].;[^*XAONYV@BXH_^[
M[+NW3%D_#RHQTR,8#$GI>O"QX7@2QOGM^U/G9)A<-WO=4D!8:,(LFYE),DXK M08NHT0E%I(7P\5TW"IGP)T@L":<@:@&!!(^P; C3^OHW^_6?M\T9Z,J[G2@\ MN,[;?
5T*0.R[7,RS*,^KW2ZK&ON9?N'"/N*ZWITFA-0)L9XL)%J@0 XI3@Q@#A:1\RT<2>AD^(HF\NOVE>A0!D)NGZEIY7?$_^/_&DT$'T.-,_MDV!\)
,BXB_P7VHLFVA6G46=*"1B0%QP_\F9G>]KKC]*!X@($'[)G\2_^T+ M(OJLEDX.5_XJ$QWE-.0#B37I*#Y1+T*\@,BVG17)C4.&ZN5:^^AJ'>4EPMG
M!P7X)4W;"#6&BO&QGSZ[7O;C->O"HBR!QEU+[-MUL"#1W4RT?-.!RQ#@=+>A MTLOCZH^\D[BS5L248K#U[=*_,WNHFO_#%H6Z.FF]/0C[0D1>K3![==<;A5$
M$]R6(D,3P;U&DQE@-"Q:-SXJUS/!LL4QBJW;%!'1ZH*NLZGO50R"O7K<=0/G M*EZ[N@P_G8?A.-?[^T1Z1.ECQ$-MBG< 1AI\#1=GM)=^IDH^!+3H?P)2H%Y*,T:16& MR2
JU%./#L&;:0*_VHR*R;G(V(#ROYTHG5]M3BU]DLG?V]^$.7R4YIH=LGG MY?;B;#E3!3=^QD--]BA00;]Q2% I!0C-*%?8(L?(87;;!@E.9G30%S),?&\A M/BT]T_"8'PK!KK-"4."Z5 K/V*H-
U!LOSX0HUWUL<.F'FXB"KOR3+L1 :COT MFOLW+!3BG"J\>\4IW<$U,#Q!(GL\F?'ND3K:YXEZ<6+Y=%9JFH!(RX?S)\O, MK*N2_W4M[_=)=CDX\3M"K$]IJ1;Z5.:Q0W"> (DC,;E:1
!% 1 :0/)?N8V MZ;[.-Y?E=;[>U[7*T6]$7SBZ:8CH5FF &%9Z'X.]9\-[ZID>V>9 MS42.(KUQC_/1EH5RH3X4-7;O&@YT\-Z M F% MA%\4H6?\9//O?2.+SV^JD\U&5!9DNZNLX'K#6?90M-
D.+]NYSB4\J"YVD#:W M59\PND5.KB[.5O@&L(.'OG4+A2:B& 6O-DEC^[ZP[%#KF62]*#&;[-:-Y48Y M:>!Z4=OGLLS'+:M>Z\MRPRP2^J!DG,@2+UH7AUM?J*4J",T"HWH.GOZS(^S
MNLAV(\G3!F6)/[,\^ MK9K$^3@H)[@?PLOR(GSF,XLJ/U5/>2W_5MP7WIJ3 M TMKQ5M4!HAXSP(V5[(@O&JQC%7C%(5_Y@5)72#N"S_S$3;0F-'B+]='4U<-
=1K0J/$NZ5"@+V'J,\+H\7.*CX!$GR[:,X]%1AZ:(MAK9[U&-6[$ OXU8?;.8_P6TB7"GG^;>V^\FW<^ IUCVV8H;@&VX"O0&2*?U2
ML>RAILLDT9"NFC#954,!&6%2!6SC0,6Z!8%N#J4&O4ZY0EY6L"4)\$VZ!]KU M;!?DWYN(8F2PVEC8L99(]83 GD&PV2"5 UM*-CF!N0I).8[Z:U'DDK0&LB MF!0=5A)U%N9ZK=7^-
G#2ZD'" K"&.7U?TFS^$8[PDR H DKGK].R=MS3AK3O MQ< 0T[2U1#E!#Y-1KBE[Y^V_-?E_]O !/ J';C#<:08P.6(Q/;*]K*#^CW&^ M)R=_#>J53W?9^F_^8P4M9:H-%*\
(G4_'G#)D++T<7D0;N,7_VRG'_^6M?)D&[:->N%=CNYA^,OY6E"(E'4\4.WE)2. M)(T6>A8HQU6/L;/T?8\&4W;. 90E6G#N!DK7,SNQ4^TL@MHB1K/5+_>1<3/ M7S
G;:2L:0&A^Q>0Y5'SQ$)+1IR>^V+I;D8]DJA!H^7'5F>]/.39YK\![\N 73=H7..,GW\#"[?DG.AF-]4XA/XBAKD1I=0:>VC42I/8@*ULC$9^PH5]BY&"$& M0I?
2AZ(LVOQ3)>A;]TV^7;_^U1LO@$3.?:-&.S4MJV8)," 0N(UBF$26ZIX MX5!;GOV*R/^[+W,+2H]?/X'0RK L% @,T :!B)O$G!9PT,NGH/!?EP]X/PZX74(","""I]X'6+$!.44I[[^;N3IQ M"6G-
V5G?%YGY]_['0R%[Q$&KTGVYR3?]"]:;F6T&,C.2#92/=$9:D"U'K8@4 M!!TTB)G&DYI&8::!]Q1%'T_IW/=,R1']**>D;O0O>0OH95=U]5CP^9P^WPK8 M"VXH9.4:*N8D?V(0;;5Z=
Z.YC M8?'#**:'L:Y]F[L.J59BA"_/B@0E07>AZ$R'IY')&^^7D[SQ/I"\9XZ>4.\ M_7-6_WV7W7_BEN]NJ@.P7>IAH].WO !G;TCX1$>:=W+PZ*??JF/P@($[;UI MA2?
\@+HHD;DFR8GDMN0'ST36T:-HEO@(\U/_JB16]%->*]C SV];@8S6-8 M<4/*NIYG?U$#RAJI$29MAUR C M_\.66&Q4B+G;R;>:;:U7]^_TN R^*!0$;
M*O=39'4#3$'Y3;5]PVGKD%8&Y)E%G_50#M&]Y_+=H[HVO_6,_V CZ(?QO\?YN;[$>@O):! M")@FQIXX-;;) ;2+(L@T1<9)+] 4=XH$L)6<+4CBJ*5PWC1\W/=\+S:?VNW
M^YUV)DRHX..&>IUOBI8! HGI7?L*I% WV>YUZITWQB:V?&&Q$"IMLL.XZ<#! MS3'C8NMWX]"MD<_W^3_SK!81<6^]L2#*;*]6AW+0S,2TC&:<- /:,I,@80K! M04)Q=,HCB)CVH.;?
95Y\+Z4[:?U\PZ^-AI\Q$'0Z*3?BQYVXI&,+2Q1!IBDR MFZ3(1["+)A07>;944*WH,!%3NET_%6LX<$,6B7AH,=I0;]*X.>)P1;O)S'D@ M84T^C51&=2+'V@-(Z+ "%+&S]
YH_)VKEW;9D12;%;_M,*1[P'//TDICX:.[=+V7KQDQV1#[5(CAV4Y/U.6DT^(MV<&G]0BM%;'=.[+XX:+.X6DZ?Q0E=%2-Z*))%U':[Z@E\?HA]VUGUDQP AJ2$ M6>_<-:E7*(Y7-'
V04J4<"ZB;7L),:3B,0>8RE_>OOO?@MU9XN-;/>PW,7GRRWQ:H[MU"&>MZ$P)Y1RFH=3I@UADW?=?5X.Z6IO10\96Y=C*;WJJY_.IHUS*].U.JO M-
W7WI/:Q1]W8((.26HGG7,N&)6)7>L]3A1@O1JQ4QP$#0)Y:E?%Q@YY/HYQ3 M6?8GW[_7^?>LS=__6 MO VA,TOO@^]S-$&:/46Z;E$?+""_.]Q_DF[!^*A"+ MC P01,1S%U?N-
HWS&7'#@D36P? MSZ'L$F0$&,]M6>?9#I(JP0_^S;E%G(^D2L3E15]I2>(EK'N+L+-7I)MX42^#M8H$YJW&R0NWQXRT"X?$[+&,6M_%?%<0.PVF$3L&WUDDZ
LA63K#H45QBBSI M/(25D<-+.YR7C"@K6'HR?36DGQ5:PGS/1F+R;BCNMOZY1:*QC[LJB!;_;K/DFF%9T_@'(2__(=VVC?R.PF 0.4]2KJ.V/D;GX0)/T$+!#1#VA M&
(6FH*:P02(6LF>'A"1 5P4UVV6CPZ@J; HNX=T."KD'0) OA^O91;1U^%I/ M L/X3.C.?6D1NYX&FD4E5!C.=EG3F%#\92U3LKNP'4SH5TR_AW%P:&A/$?\< MQ-A>I#1E?E:
(,U3YCY(&I2TPU%BNB^;0#W6>7Y1MSM_57O,#;]6!T084&&: M#_Z2['3XGF.T?%"$J/-G3.^8..(_U25W_G,[L' @,Y6X^7+%H65'3H!*F]N M.!D&= 2&Z'H)9>7O'&-K.55>E&MINI
!B*CL"^X%A+L"]8U8U,46#\O M6A!94#%0-,/82DZ4%G6&"'Q\=,_=(O:Y!H=!*C:*J0<%-IGJAIFY-N_KUO M6A&XOJE-IL"9I3MKK)B90]%F^V#*F"=IC*W4BH,BZ+KW?
%^LXD%$M]7'V0.AT*C3X(ZZ1+L&:7 MTCIH-%@=Q)4$;2MI6QDPS**?S)-VD%0]V'L4%M&,,8Y+]/">>(!_BE>N@Q0, MV DX;E#F*8'NN[!B5W)V4]W<\6NRS?
UQE&Y8K[;O!H#M07]H$T(%QO#E[(V]*#*"3]!< M+MQB$%G/)[VLM?2PE#XVW+CD*+_43CSX+KZ%/YUO8Y^,;-#0SP@AV=WRQ2L4 M[2_A5C^V/+U[_F46;BG
;B\&VI96.1OA&%OHH(HXVCG1;/>51"RO=S:W]UU M+J0,2*&-<14T8?? >]]Q;NJC1GZ"Q3M0 -@"'T6FA%6FUSET9/Y:U;N T0D/
M"G4<'D5N:/(KVIFY/^,\7FY)O+&&DAPT+"ZM#]BF;M1@]TG2*P&8 MS)]KV7/>LFY* E-YGS8$FTS>V%&0>/%3Z)XOVRTVJK/.8AH(3VI9]#/9LD=< MM*/:P$?
_F"CU,:L*#1Q#=L3Z#MJ(B73"OGTT1- M)5\#'WU'EPG""PS%'" 8[.LZ6,Z$&L3<8JB/65$25*3!:W[ZBK2>K-!$CN,M M E5R1P]\R$DOPZ%B;3!8<,IAF:ST +
^/AQU\3R3^)@G]AN,#UDS+!;Y<\) MSC91[+1:"[;DE*U939*"Z1:K8HMQ6HB=,)USS6!UL4I'+$,CV=TQ B+U#UK M12G$%R933@=5-B%, 5W\(?
C14>I009P[K#5BA1)DOX,7B^_O+6PZ;W;U")B>H,0D*=./65!;J7"E(FBRU5,CIDT5 'J*S9-B,BAA MV5!6ST:@"T2#"LNQ9ODD]$(ZE3>&-S?%)H@Q!"D_9:EXS&&88/696!>H"R@
M9J*?5V)G+$0^^(ISBU3LU=NR:)OK/V_'@8.Z0>I<$\/8*SZP>8U5J":Y=$88 MPV^BH"2HSBP1[ZVV>Q7O]2*C=<_) 'B3+,=S.&,WPH:R1'O"7)1K\-/EY[G\
M\Z+$(+R"V-.:#'NE";T6Q4F>EE8H,G6"#3&1>VR+S!(@63ZT_+""""*?RL66 MDPZFL.P:E"4R@1I-06>BCM_)YON3=QYKF';]*A#%*6TPI>BRN_LOFD(&
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""U]^["TTN5]>O/Q>V,$%(TOV3:)]\[/ M$.ZX"PF 5@T=UN.%2HZP&D@4<"1%&I6"%S3+:93OSK::!",H0GDO!1PX($Z* M0M1[M>AWUPY&T>3"=IW)DR5_GP,,NDY)R.%
MDP]0^B]K+VN!("D=S"'X_GXXBH\&##PY7ND>*)9_VIB4C\E 5&I<-J1FS/"H MCX24=V^Z54QCV47W9$!S'*.GOY]T8'/@);QF695A6\ MJJMUGF\:2#"$=+&37Z-
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X]_H]*_))M=")G&,+.TMX9"'!O_)R M4]4GXX% ^1 [64#I;V^^CL\>X8;TT!-%(%R#W1;>2T_6TJG)VM@"<8VJ^%"G+#YT^Z%Q%";C4T;[Q M"L/%I[2A7O:4R9X8PV@20E!
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(\VP'S\G*K.C+X5?-&%-FK MQY*C>)CEE3QE5IBZAR=B6/O-O_>R2KNYJ: S)U?G1>G/1;GFJPW>V9OJ+&ONKNKJ ML=CDFJ/GVP:J24R]U\FZ+1ZE)R24]MF]B[45,V]CLC8>WL=>P1M?
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$*1%J)]VIO%F,C%MHAMAM>- M9-U0;V.\!,L59IU9IUAI$%N#^D;RU XACI\@NDE(>K_]E$8A4Z1$JX^.GNZ^ MS.(JS3U6HWR-?F:(P>N>O\#,)NB.X/(QP>U80-
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<@F)2U5FZR4(6R$640VI&KE"59@(L,!F*ED_MTH*40B^3[X?2*.+8^8>SX/8WC=11N413O6$953'6(
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M L+Y2V$WR,T>W#MV?!]Y1[OCQ,6T.Z(=8X5'Y,]2) <:]N&==1Z"+DD3,ZW[RIX(%%8.%W M$+/^&XR]6L2AUQ@YQ[[_!!@JLU,X8XS=1^OPA@=
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0!E83 R,3 Y-#,P M,65X,S$M,E]P97)A&UL4$L! M A0#% @ "X@-608\\R$/2@ #ZH$!4 (!"GT! '!R M&UL4$L%!@) D ;P(/:V @ $! end XML 79 ea0210943-10q_peraso_htm.xml
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DE 77-0291941 2309 Bering Drive San Jose CA 95131 (408) 418-7500 Common Stock, par value $0.001 per share PRSO NASDAQ Yes Yes Non-accelerated Filer true false false 2745684 1868000 1583000 1460000 731000 2606000 2606000 810000 620000 6744000 5540000 807000 1156000 441000 615000 1647000 3280000 120000 123000 9759000 10714000 2318000 2448000 2213000 611000 797000 1105000 272000 370000 5600000 4534000 235000 349000 261000 103000 1748000 6199000 6631000 0.01 0.01 20000000 20000000 0.01 0.01 1000 1000 1000 1000 1000 1000 0.001 0.001 120000000 120000000 2706000 2706000 673000 673000 3000 1000 87000 95000 176405000 170474000 -172848000 -166392000 3560000 4083000 9759000 10714000 4109000 2235000 6785000 7123000 129000 168000 269000 313000 4238000 2403000 7054000 7436000 1887000 1795000 3397000 4901000 2351000 608000 3657000 2535000 2644000 3668000 5457000 7555000 2141000 1977000 4243000 4219000 2041000 2063000 406000 6826000 5645000 11763000 11368000 -4475000 -5037000 -8106000 -8833000 -54000 -966000 -1645000 -1624000 -4000 -15000 5000 -25000 -4425000 -4086000 -6456000 -7234000 7000 21000 -4425000 -4079000 -6456000 -7213000 -1.88 -6.68 -2.75 -12.26 2358000 612000 2345000 590000 673000 1000 95000 170474000 -166392000 4083000 52000 563000 3431000 3431000 1001000 1000 1000 1222000 1222000 -2031000 -2031000 2289000 2000 95000 175127000 -168423000 6706000 307000 1000 1000 100000 127000 127000 -8000 8000 2000 -4000 -4000 1155000 1155000 -4425000 -4425000 2706000 3000 87000 176405000 -172848000 3560000 357000 228000 164879000 -25000 -149597000 15257000 -8000 8000 1307000 1307000 14000 14000 -3148000 -3148000 365000 220000 166186000 -11000 -152745000 13430000 -77000 77000 3000 3000 4000 -36000 -36000 56000 3546000 3546000 53000 19000 19000 3162000 3162000 1319000 1319000 7000 7000 -4086000 -4086000 555000 143000 167869000 -4000 -156831000 11034000 -6456000 -7234000 1983000 1713000 2377000 2626000 -1645000 -1624000 -154000 7000 7000 729000 -1900000 -189000 187000 -485000 -130000 -702000 174000 332000 -144000 -285000 1555000 -813000 -3209000 -3574000 91000 500000 409000 3559000 3570000 4000 36000 61000 51000 3494000 3483000 285000 318000 1583000 1828000 1868000 2146000 3162000 21000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 1. The Company and Summary of Significant Accounting Policies</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Peraso Inc., formerly known as MoSys, Inc. (the Company), was incorporated in California in 1991 and reincorporated in 2000 in Delaware. The Company is a fabless semiconductor company specializing in the development of millimeter wave (mmWave), which is generally described as the frequency band from 24 Gigahertz (GHz) to 300GHz, wireless technology. The Company derives revenue from selling its semiconductor devices and modules and performance of non-recurring engineering services. The Company also manufactures and sells high-performance memory semiconductor devices for a wide range of markets and receives royalties from licensees of its memory technology.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On September 14, 2021, the Company and its subsidiaries, 2864552 Ontario Inc. (Callco) and 2864555 Ontario Inc. (Canco), entered into an Arrangement Agreement (the Arrangement Agreement) with Peraso Technologies Inc. (Peraso Tech), a corporation existing under the laws of the province of Ontario, to acquire all of the issued and outstanding common shares of Peraso Tech (the Peraso Shares), including those Peraso Shares to be issued in connection with the conversion or exchange of secured convertible debentures and common share purchase warrants of Peraso Tech, as applicable, by way of a statutory plan of arrangement (the Arrangement) under the Business Corporations Act (Ontario). On December 17, 2021, following the satisfaction of the closing conditions set forth in the Arrangement Agreement, the Arrangement was completed and, the Company changed its name to “Peraso Inc.” and began trading on the Nasdaq Stock Market (the Nasdaq) under the symbol “PRSO.”</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">For accounting purposes, Peraso Tech, the legal subsidiary, was treated as the accounting acquirer and the Company, the legal parent, was treated as the accounting acquiree. The transaction was accounted for as a reverse acquisition in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 805, <i>Business Combinations</i>. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The accompanying condensed consolidated financial statements of the Company have been prepared without audit. The condensed consolidated balance sheet as of December 31, 2023 has been derived from the audited consolidated financial statements at that date. Certain information and disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States (GAAP) have been condensed or omitted in accordance with the rules and regulations of the Securities and Exchange Commission (SEC). The information in this report should be read in conjunction with the Company’s consolidated financial statements and notes thereto included in its most recent annual report on Form 10-K filed with the SEC.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In the opinion of management, the accompanying unaudited condensed consolidated financial statements reflect all adjustments (consisting only of normal recurring adjustments) necessary to summarize fairly the Company’s financial position, results of operations and cash flows for the interim periods presented. The operating results for the three and six months ended June 30, 2024 are not necessarily indicative of the results that may be expected for the year ending December 31, 2024 or for any other future period.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Liquidity and Going Concern</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company incurred net losses of approximately $6.5 million for the six months ended June 30, 2024 and $16.8 million for the year ended December 31, 2023 and had an accumulated deficit of approximately $173 million as of June 30, 2024. These and prior year losses have resulted in significant negative cash flows and have required the Company to raise substantial amounts of additional capital. To date, the Company has primarily financed its operations through multiple offerings of its equity and equity-linked securities and the issuance of convertible notes and loans to investors and affiliates. As disclosed in Note 8, in February 2024, the Company completed a public offering of its common stock and common stock purchase warrants for net proceeds of $3.4 million.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company expects to continue to incur operating losses for the foreseeable future as it secures additional customers and continues to invest in the commercialization of its products. The Company will need to increase revenues substantially beyond levels that it has attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time. As a result of the Company’s expected operating losses and cash burn for the foreseeable future, as well as recurring losses from operations, if the Company is unable to raise sufficient capital through additional debt or equity arrangements, there will be uncertainty regarding the Company’s ability to maintain liquidity sufficient to operate its business effectively, which raises substantial doubt as to the Company’s ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements. In addition, the Company’s independent registered public accounting firm, in its report on the Company’s consolidated financial statements for the year ended December 31, 2023, expressed substantial doubt about the Company’s ability to continue as a going concern. These condensed consolidated financial statements do not include any adjustments that might result from this uncertainty. There can be no assurance that such additional capital, whether in the form of debt or equity financing, will be sufficient or available and, if available, that such capital will be offered on terms and conditions acceptable to the Company. If the Company is unsuccessful in these efforts, it will need to implement additional cost reduction strategies, which could further affect its near- and long-term business plan. These efforts may include, but are not limited to, reducing headcount and curtailing business activities.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Basis of Presentation</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany transactions and balances have been eliminated in consolidation. The Company’s fiscal year ends on December 31 of each calendar year. Certain prior year amounts have been reclassified for consistency with the current period presentation. These reclassifications had no effect on the reported results of operations or cash flows.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><i>Reverse Stock Split</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On December 15, 2023, the Company filed a certificate of amendment to its amended and restated certificate of incorporation with the Secretary of State of the State of Delaware to effect a 1-for-40 reverse stock split of the Company’s shares of common stock. Further, on January 2, 2024, Canco filed a certificate of amendment to its amended and restated certificate of incorporation under the Ontario Business Corporations Act to effect a 1-for-40 reverse stock split of the outstanding exchangeable shares. Such amendments and ratio were previously approved by the Company’s stockholders and board of directors.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">As a result of the reverse stock split, which was effective for trading purposes on January 3, 2024, every 40 shares of the Company’s pre-reverse split outstanding common stock and exchangeable shares were combined and reclassified into one share of common stock. Proportionate voting rights and other rights of holders of common stock and exchangeable shares were not affected by the reverse stock split. Any fractional shares of common stock and exchangeable shares resulting from the reverse stock split were rounded up to the nearest whole share. All stock options and restricted stock units outstanding and common stock reserved for issuance under the Company’s equity incentive plans and warrants outstanding immediately prior to the reverse stock split were adjusted by dividing the number of affected shares of common stock by 40 and, as applicable, multiplying the exercise price by 40, as a result of the reverse stock split. All share and per-share amounts in these condensed consolidated financial statements have been restated to reflect the reverse stock split as if it had occurred at the beginning of the earliest period presented.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Risks and Uncertainties</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The

Company is subject to risks from, among other things, competition associated with the industry in general, other risks associated with financing, liquidity requirements, rapidly changing customer requirements, limited operating history, pandemics, wars and acts of terrorism and the volatility of public markets. The Company may be unable to access the capital markets, and additional capital may only be available to the Company on terms that could be significantly detrimental to its existing stockholders and to its business.<i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Use of Estimates</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses recognized during the reported period. Material estimates may include assumptions made in determining reserves for uncollectible receivables, inventory write-downs, impairment of long-term assets, valuation allowance on deferred tax assets, accruals for potential liabilities and assumptions made in valuing equity instruments and warrant liabilities. Actual results could differ from those estimates.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Cash Equivalents and Investments</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company invests its cash in money market accounts, certificates of deposit, corporate debt, government-sponsored enterprise bonds and municipal bonds and considers all highly liquid debt instruments purchased with an original maturity of three months or less to be cash equivalents. Investments with original maturities greater than three months and remaining maturities less than one year are classified as short-term investments. Investments with remaining maturities greater than one year are classified as long-term investments. Management generally determines the appropriate classification of securities at the time of purchase. All securities are classified as available-for-sale. The Company’s available-for-sale short-term and long-term investments are carried at fair value, with the unrealized holding gains and losses reported in accumulated other comprehensive income (loss). Realized gains and losses and declines in the value judged to be other-than-temporary are included in the other income, net line item in the condensed consolidated statements of operations. The cost of securities sold is based on the specific identification method.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Fair Value Measurements</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company measures the fair value of financial instruments using a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 0.5in; text-align: justify">Level 1—Inputs used to measure fair value are unadjusted quoted prices that are available in active markets for the identical assets or liabilities as of the reporting date.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 24.5pt; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 0.5in; text-align: justify">Level 2—Pricing is provided by third party sources of market information obtained through the Company’s investment advisors, rather than models. The Company does not adjust for, or apply, any additional assumptions or estimates to the pricing information it receives from advisors. The Company’s Level 2 securities include cash equivalents and available-for-sale securities, which consisted primarily of certificates of deposit, corporate debt, and government agency and municipal debt securities from issuers with high-quality credit ratings. The Company’s investment advisors obtain pricing data from independent sources, such as Standard & Poor’s, Bloomberg and Interactive Data Corporation, and rely on comparable pricing of other securities because the Level 2 securities are not actively traded and have fewer observable transactions. The Company considers this the most reliable information available for the valuation of the securities.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 24.5pt; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 0.5in; text-align: justify">Level 3—Unobservable inputs that are supported by little or no market activity and reflect the use of significant management judgment are used to measure fair value. These values are generally determined using pricing models for which the assumptions utilize management’s estimates of market participant assumptions. The determination of fair value for Level 3 investments and other financial instruments involves the most management judgment and subjectivity.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 24.5pt; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; text-indent: 0.5in; margin: 0pt; text-align: justify">The carrying amounts of financial assets and liabilities, such as cash and cash equivalents, accounts receivable, accounts payable, and other payables, approximate their fair values because of the short maturity of these instruments. The carrying values of lease obligations and long-term financing obligations approximate their fair values because interest rates on these obligations are based on prevailing market interest rates. The Company measures the fair value of its warrant liabilities using Level 3 inputs.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Derivatives and Liability-Classified Instruments </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company accounts for common stock warrants as either equity-classified or liability-classified instruments based on an assessment of the specific terms of the warrants and the guidance provided by the Financial Accounting Standards Board (FASB) in ASC 480<i>, Distinguishing Liabilities from Equity (ASC 480)</i> and ASC 815, <i>Derivatives and Hedging (ASC 815)</i>. The assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company’s own stock and whether the holders of the warrants could potentially require net cash settlement in a circumstance outside of the Company’s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period end date while the warrants are outstanding.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Allowance for Doubtful Accounts</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company establishes an allowance for doubtful accounts to ensure that its trade receivables balances are not overstated due to uncollectibility. The Company performs ongoing customer credit evaluations within the context of the industry in which it operates and generally does not require collateral from its customers. A specific allowance of up to 100% of the invoice value is provided for any problematic customer balances. Delinquent account balances are written off after management has determined that the likelihood of collection is remote. The Company grants credit only to customers deemed creditworthy in the judgment of management. The allowance for doubtful accounts receivable was approximately $30,000 as of June 30, 2024 and December 31, 2023.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Inventories</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company values its inventories at the lower of cost, which approximates actual cost on a first-in, first-out basis, or net realizable value. Costs of inventories primarily consisted of material and third party assembly costs. The Company records write-downs for estimated obsolescence or unmarketable inventories based upon assumptions about future demand and market conditions. If actual market conditions are less favorable than those expected by management, additional adjustments to inventory valuation may be required. Charges for obsolete and slow-moving inventories are recorded based upon an analysis of specific identification of obsolete inventory items and quantification of slow moving inventory items. The Company determined that it had excess and obsolete inventory, primarily related to its mmWave products, and recorded write-downs of inventory of approximately $629,000 during the six months ended June 30, 2023. No material write-downs of inventory were recorded during the six months ended June 30, 2024. If the Company’s recognition of excess or obsolete inventory is, or if its estimates of potential utility become, less favorable than currently expected, additional inventory write-downs may be required. During the three and six months ended June 30, 2024, the Company sold inventory with a value of approximately $81,000 that had been written down in 2023.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Intangible and Long-lived Assets</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Intangible assets are recorded at cost and amortized on a straight-line method over their estimated useful lives of three to ten years. Amortization of developed technology and other intangibles directly related to the Company’s products is included in cost of net revenue, while amortization of customer relationships and other intangibles not associated with the Company’s products is included in selling, general and administrative expense in the condensed consolidated statements of operations.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company regularly reviews the carrying value and estimated lives of its long-lived assets and finite-lived intangible assets to determine whether indicators of impairment may exist which warrant adjustments to carrying values or estimated useful lives. The determinants used for this evaluation include management’s estimate of the asset’s ability to generate positive income from operations and positive cash flow in future periods as well as the strategic significance of the assets to the Company’s business objective. Should an impairment exist, the impairment loss would be measured based on the excess of the carrying amount of the long-lived asset group over the asset’s fair value.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> <i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Purchased Intangible Assets</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Intangible assets acquired in business combinations are accounted for based on the fair value of assets purchased and are amortized over the period in which economic benefit is estimated to be received. Intangible assets subject to amortization, including those acquired in business combinations were as follows (amounts in thousands):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"></p> <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="10" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30, 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Gross</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Net</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Carrying</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Accumulated</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Carrying</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amount</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amortization</td> <td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amount</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 64%; text-align: left">Developed technology</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">5,726</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">(4,599</td><td style="width: 1%; text-align: left">)</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,127</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer relationships</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,556</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">(2,052</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">504</td> <td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 1.5pt">Other</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">186</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(170</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">16</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 2.5pt">Total</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">8,468</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">(6,821</td><td style="padding-bottom: 2.5pt; text-align: left">)</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">1,647</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Calibri, Helvetica, Sans-Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New

Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="14" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align:
center; border-bottom: Black 1.5pt solid">December 31, 2023</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td>
</tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family:
Times New Roman, Times, Serif; font-weight: bold; text-align: center">Gross</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td>
<td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight:
bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Net</td><td style="font-family: Times New Roman,
Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td>
<td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Carrying</td><td style="font-family: Times New Roman, Times,
Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman,
Times, Serif; font-weight: bold; text-align: center">Accumulated</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family:
Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align:
center">Other</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight:
bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Carrying</td><td style="font-family: Times New
Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold;
padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt
solid">Amount</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman,
Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center;
border-bottom: Black 1.5pt solid">Amortization</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td
style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif;
font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Impairment</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-
weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New
Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amount</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman,
Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; font-family: Times New Roman,
Times, Serif; text-align: left">Developed technology</td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-family: Times
New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right">5,726</td><td style="width: 1%; font-
family: Times New Roman, Times, Serif; text-align: left"> </td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-family:
Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right">(3,471</td><td style="width:
1%; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%;
font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right"><div style="-sec-ix-
hidden: hidden-fact-183">—</div></td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="width: 1%; font-family: Times
New Roman, Times, Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New
Roman, Times, Serif; text-align: right">2,255</td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> <tr style="vertical-align:
bottom; "> <td style="font-family: Times New Roman, Times, Serif; text-align: left">Customer relationships</td><td style="font-family: Times New Roman, Times,
Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align:
right">2,556</td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif"> </td> <td
style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right">(1,550</td><td
style="font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family: Times New
Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right"><div style="-sec-ix-hidden: hidden-fact-184">—</div>
</td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family:
Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right">1,006</td><td style="font-family: Times
New Roman, Times, Serif; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="font-family: Times New Roman,
Times, Serif; padding-bottom: 1.5pt">Other</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black
1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-
align: right">186</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman,
Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td
style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">(61</td><td style="padding-bottom: 1.5pt; font-family: Times New
Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt
solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align:
right">(106</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times,
Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-
bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">19</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times,
Serif; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt">Total</td><td
style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif;
text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">8,468</td><td style="padding-bottom:
2.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td
style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times
New Roman, Times, Serif; text-align: right">(5,082</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td
style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif;
text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">(106</td><td style="padding-bottom:
2.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td
style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times
New Roman, Times, Serif; text-align: right">3,280</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> </table>
<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent:
0.5in">Developed technology primarily consisted of MoSys' products that have reached technological feasibility and primarily relate to its memory semiconductor products
and technology. The value of the developed technology was determined by discounting estimated net future cash flows of these products. Amortization related to developed
technology of $0.6 million and $1.1 million for each of the three and six-month periods ended June 30, 2024, respectively, has been included in cost of net revenue in the
condensed consolidated statements of operations and comprehensive loss.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-
indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Customer relationships relate to the
Company's ability to sell existing and future versions of its products to MoSys' customers existing at the time of the arrangement. The fair value of the customer relationships
was determined by discounting estimated net future cash flows from the customer relationships. Amortization related to customer relationships of $0.2 million and $0.5
million for each of the three and six month-periods ended June 30, 2024, respectively, has been included in selling, general and administrative expense in the condensed
consolidated statements of operations and comprehensive loss.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent:
24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Other amortization expense was approximately
$1,000 and $2,000 for each of the three and six-month periods ended June 30, 2024, respectively.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0;
text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">At June 30, 2024, the Company has not
identified any intangible asset impairments. However, current macroeconomic conditions, which have been impacted by inflation and other world unrest, could negatively
impact the Company's business and stock price and trigger the need to test for impairment. The Company will continue to evaluate for impairment indicators, as necessary, on
a quarterly basis. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">
<i>Revenue Recognition</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New
Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company recognizes revenue in accordance with ASC Topic 606, <i>Revenue from Contracts
with Customers</i>, and its amendments (ASC 606). As described below, the analysis of contracts under ASC 606 supports the recognition of revenue at a point in time,
resulting in revenue recognition timing that is materially consistent with the Company's historical practice of recognizing product revenue when title and risk of loss pass to
the customer.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 24.5pt"> </p><p style="font: 10pt Times New Roman,
Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company generates revenue primarily from sales of integrated circuits and antenna module products,
performance of engineering services and licensing of its intellectual property. Revenues are recognized when control is transferred to customers in amounts that reflect the
consideration the Company expects to be entitled to receive in exchange for those goods. Revenue recognition is evaluated through the following five steps: (i) identification
of the contract, or contracts, with a customer; (ii) identification of the performance obligations in the contract; (iii) determination of the transaction price; (iv) allocation of
the transaction price to the performance obligations in the contract; and (v) recognition of revenue when or as a performance obligation is satisfied.</p> <p style="font: 10pt
Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt; text-indent: 0pt">
<i>Product revenue</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times,
Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Revenue is recognized when performance obligations under the terms of a contract with a customer are satisfied.
The majority of the Company's contracts have a single performance obligation to transfer products. Accordingly, the Company recognizes revenue when title and risk of loss
have been transferred to the customer, generally at the time of shipment of products. Revenue is measured as the amount of consideration the Company expects to receive in
exchange for transferring products and is generally based upon a negotiated, formula, list or fixed price. The Company sells its products both directly to customers and
through distributors generally under agreements with payment terms typically 60 days or less.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-
align: justify; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company may record
an estimated allowance, at the time of shipment, for future returns and other charges against revenue consistent with the terms of sale.</p> <p style="font: 10pt Times New
Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt; text-indent: 0pt"><i>Royalty and other</i></p> <p
style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align:
justify; text-indent: 0.5in">The Company's licensing contracts typically provide for royalties based on the licensee's use of the Company's memory technology in its currently
shipping commercial products. The Company estimates its royalty revenue in the calendar quarter in which the licensee uses the licensed technology. Payments are received
in the subsequent quarter. The Company also generates revenue from licensing its technology. The Company recognizes license fees as revenue at the point of time when the
control of the license has been transferred and the Company has no continuing performance obligations to the customer.</p> <p style="font: 10pt Times New Roman, Times,
Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt; text-indent: 0pt"><i>Engineering services revenue </i>
</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-
align: justify; text-indent: 0.5in">Engineering and development contracts with customers generally contain a single performance obligation that is delivered over time.
Revenue is recognized using an output method that is consistent with the satisfaction of the performance obligation as a measure of progress.</p> <p style="font: 10pt Times
New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt; text-indent: 0pt"><i>Contract
liabilities – deferred revenue </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman,
Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company's contract liabilities consist of advance customer payments and deferred revenue. The
Company classifies advance customer payments and deferred revenue as current or non-current based on the timing of when the Company expects to recognize revenue. As of
June 30, 2024 and December 31, 2023, contract liabilities were in a current position and included in deferred revenue.</p> <p style="font: 10pt Times New Roman, Times,
Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">During the six
months ended June 30, 2024, the Company recognized approximately $513,000 of revenue that had been included in deferred revenue as of December 31, 2023.</p> <p

style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.5in">See Note 6 for disaggregation of revenue by geography.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company does not have significant financing components, as payments from customers are typically due within 60 days of invoicing, and the Company has elected the practical expedient to not value financing components that are less than one year. Shipping and handling costs are generally incurred by the customer, and, therefore, are not recorded as revenue.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Cost of Net Revenue</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Cost of net revenue consists primarily of direct and indirect costs of product sales, including amortization of intangible assets and depreciation of production-related fixed assets.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Stock-Based Compensation</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company periodically issues stock options and restricted stock units to employees and non-employees. The Company accounts for such awards based on ASC 505 and ASC 718, whereby the value of the award is measured on the date of award and recognized as compensation expense on a straight-line basis over the vesting period. The fair value of the Company's stock options is estimated using the Black-Scholes-Merton Option Pricing (Black Scholes) model, which uses certain assumptions related to risk-free interest rates, expected volatility, expected life of the options, and future dividends. Compensation expense is recorded based upon the value derived from the Black-Scholes model. The assumptions used in the Black-Scholes model could materially affect compensation expense recorded in future periods.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Foreign Currency Transactions </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The functional currency of the Company is the U.S. dollar. All foreign currency transactions are initially measured and recorded in an entity's functional currency using the exchange rate on the date of the transaction. All monetary assets and liabilities are remeasured at the end of each reporting period using the exchange rate at that date. All non-monetary assets and related expense, depreciation or amortization are not subsequently remeasured and are measured using the historical exchange rate. An average exchange rate may be used to recognize income and expense items earned or incurred evenly over a period. Foreign exchange gains and losses resulting from the settlement of such transactions are recognized in the statement of operations, except for the gains and losses arising from the conversion of the carrying amount of the foreign currency denominated convertible preferred shares into the functional currency that are presented as adjustment to the net loss to arrive at net loss attributable to common stockholders.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Per-Share Amounts</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Basic net loss per share is computed by dividing net loss for the period by the weighted-average number of exchangeable shares and shares of common stock outstanding (WASO) during the period. In addition, the Company includes the number of shares of common stock issuable upon exercise of pre-funded warrants as outstanding. Diluted net loss per share gives effect to all potentially dilutive exchangeable and common shares outstanding during the period. Potentially dilutive common shares consist of incremental exchangeable shares and shares of common stock issuable upon the achievement of escrow terms, exercise of stock options, vesting of stock awards and exercise of warrants. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Prior to June 30, 2023, the Company excluded shares of common stock issuable upon exercise of pre-funded warrants from the computation of WASO. The pre-funded warrant shares are now included in the computation of WASO. Prior period amounts have been conformed to the current-period presentation. The impact of the change reduced the previously reported loss per share by $0.04, and increased WASO by approximately 4,000 shares for the three months ended June 30, 2023. The impact of the change reduced the previously reported loss per share by $0.63, and increased WASO by approximately 29,000 shares for the six months ended June 30, 2023, respectively. The reclassification had no impact on the Company's net loss or cash flows for the three and six months ended June 30, 2023.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The following table sets forth securities outstanding that were excluded from the computation of diluted net loss per share as their inclusion would be anti-dilutive (in thousands):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"></p> <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%">Escrow shares - exchangeable shares</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">33</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">33</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Escrow shares - common stock</td> <td> </td> <td style="text-align: left"> </td><td style="text-align: right">13</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">13</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Options to purchase common stock</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">34</td><td style="text-align: left"> </td> <td> </td> <td style="text-align: left"> </td><td style="text-align: right">37</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Unvested restricted common stock units</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">10</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">24</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Warrants classified as equity</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">8,094</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-185">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">Warrants classified as liabilities</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">235</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">237</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">Total</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">8,419</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">344</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin-top: 0pt; margin-right: 0; margin-bottom: 0pt; text-align: left"> <i>Recently Issued Accounting Pronouncements</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In November 2023, the FASB issued ASU No. 2023-07, <i>Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, </i>which requires disclosure of incremental segment information on an annual and interim basis. ASU No. 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and it requires retrospective application to all prior periods presented in the financial statements. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In December 2023, the FASB issued ASU No. 2023-09, <i>Income Taxes (Topic 740): Improvements to Income Tax Disclosures</i>, which expands disclosures in an entity's income tax rate reconciliation table and disclosures regarding cash taxes paid both in the U.S. and foreign jurisdictions. The update will be effective for annual periods beginning after December 15, 2024. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Other recent authoritative guidance issued by the FASB (including technical corrections to the ASCs), the American Institute of Certified Public Accountants, and the Securities and Exchange Commission (the SEC) did not, or is not expected to, have a material impact on the Company's consolidated financial statements and related disclosures. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Liquidity and Going Concern</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company incurred net losses of approximately $6.5 million for the six months ended June 30, 2024 and $16.8 million for the year ended December 31, 2023 and had an accumulated deficit of approximately $173 million as of June 30, 2024. These and prior year losses have resulted in significant negative cash flows and have required the Company to raise substantial amounts of additional capital. To date, the Company has primarily financed its operations through multiple offerings of its equity and equity-linked securities and the issuance of convertible notes and loans to investors and affiliates. As disclosed in Note 8, in February 2024, the Company completed a public offering of its common stock and common stock purchase warrants for net proceeds of $3.4 million.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company expects to continue to incur operating losses for the foreseeable future as it secures additional customers and continues to invest in the commercialization of its products. The Company will need to increase revenues substantially beyond levels that it has attained in the past in order to generate sustainable operating profit and sufficient cash flows to continue doing business without raising additional capital from time to time. As a result of the Company's expected operating losses and cash burn for the foreseeable future, as well as recurring losses from operations, if the Company is unable to raise sufficient capital through additional debt or equity arrangements, there will be uncertainty regarding the Company's ability to maintain liquidity sufficient to operate its business effectively, which raises substantial doubt as to the Company's ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements. In addition, the Company's independent registered public accounting firm, in its report on the Company's consolidated financial statements for the year ended December 31, 2023, expressed substantial doubt about the Company's ability to continue as a going concern. These condensed consolidated financial statements do not include any adjustments that might result from this uncertainty. There can be no assurance that such additional capital, whether in the form of debt or equity financing, will be sufficient or available and, if available, that such capital will be offered on terms and conditions acceptable to the Company. If the Company is unsuccessful in these efforts, it will need to implement additional cost reduction strategies, which could further affect its near- and long-term business plan. These efforts may include, but are not limited to, reducing headcount and curtailing business activities.</p> 6500000 16800000 173000000 3400000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Basis of Presentation</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany transactions and balances have been eliminated in consolidation. The Company's fiscal year ends on December 31 of each calendar year. Certain prior year amounts have been reclassified for consistency with the current period presentation. These reclassifications had no effect on the reported results of operations or cash flows.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><i>Reverse Stock Split</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On December 15, 2023, the Company filed a certificate of amendment to its amended and restated certificate of incorporation with the Secretary of State of the State of Delaware to effect a 1-for-40 reverse stock split of the Company's shares of common stock. Further, on January 2, 2024, Canco filed a certificate of amendment to its amended and restated certificate of incorporation under the Ontario Business Corporations Act to effect a 1-for-40 reverse stock split of the outstanding exchangeable shares. Such amendments and ratio were previously approved by the Company's stockholders and board of directors.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">As a result of the reverse stock split, which was effective for trading purposes on January 3, 2024, every 40 shares of the Company's pre-reverse split outstanding common stock and exchangeable shares were combined and reclassified into one share of common stock. Proportionate voting rights and other rights of holders of common stock and exchangeable shares were not affected by the reverse stock split. Any fractional shares of common stock and exchangeable shares resulting from the reverse stock split were rounded up to the nearest whole share. All stock options and restricted stock units outstanding and common stock reserved for issuance under the Company's equity incentive plans and warrants outstanding immediately prior to the reverse stock split were adjusted by dividing the number of affected shares of common stock by 40 and, as applicable, multiplying the exercise price by 40, as a result of the reverse stock split. All share and per-share amounts in these condensed consolidated financial statements have been restated to reflect the reverse stock split as if it had occurred at the beginning of the earliest period presented.</p> 40 <p style="font: 10pt Times New Roman, Times, Serif;

margin: 0pt 0"><i>Risks and Uncertainties</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company is subject to risks from, among other things, competition associated with the industry in general, other risks associated with financing, liquidity requirements, rapidly changing customer requirements, limited operating history, pandemics, wars and acts of terrorism and the volatility of public markets. The Company may be unable to access the capital markets, and additional capital may only be available to the Company on terms that could be significantly detrimental to its existing stockholders and to its business.<i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Use of Estimates</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses recognized during the reported period. Material estimates may include assumptions made in determining reserves for uncollectible receivables, inventory write-downs, impairment of long-term assets, valuation allowance on deferred tax assets, accruals for potential liabilities and assumptions made in valuing equity instruments and warrant liabilities. Actual results could differ from those estimates.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Cash Equivalents and Investments</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company invests its cash in money market accounts, certificates of deposit, corporate debt, government-sponsored enterprise bonds and municipal bonds and considers all highly liquid debt instruments purchased with an original maturity of three months or less to be cash equivalents. Investments with original maturities greater than three months and remaining maturities less than one year are classified as short-term investments. Investments with remaining maturities greater than one year are classified as long-term investments. Management generally determines the appropriate classification of securities at the time of purchase. All securities are classified as available-for-sale. The Company’s available-for-sale short-term and long-term investments are carried at fair value, with the unrealized holding gains and losses reported in accumulated other comprehensive income (loss). Realized gains and losses and declines in the value judged to be other-than-temporary are included in the other income, net line item in the condensed consolidated statements of operations. The cost of securities sold is based on the specific identification method.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Fair Value Measurements</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company measures the fair value of financial instruments using a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 0.5in; text-align: justify">Level 1—Inputs used to measure fair value are unadjusted quoted prices that are available in active markets for the identical assets or liabilities as of the reporting date.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 0.5in; text-align: justify">Level 2—Pricing is provided by third party sources of market information obtained through the Company’s investment advisors, rather than models. The Company does not adjust for, or apply, any additional assumptions or estimates to the pricing information it receives from advisors. The Company’s Level 2 securities include cash equivalents and available-for-sale securities, which consisted primarily of certificates of deposit, corporate debt, and government agency and municipal debt securities from issuers with high-quality credit ratings. The Company’s investment advisors obtain pricing data from independent sources, such as Standard & Poor’s, Bloomberg and Interactive Data Corporation, and rely on comparable pricing of other securities because the Level 2 securities are not actively traded and have fewer observable transactions. The Company considers this the most reliable information available for the valuation of the securities.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0 0pt 0.5in; text-align: justify">Level 3—Unobservable inputs that are supported by little or no market activity and reflect the use of significant management judgment are used to measure fair value. These values are generally determined using pricing models for which the assumptions utilize management’s estimates of market participant assumptions. The determination of fair value for Level 3 investments and other financial instruments involves the most management judgment and subjectivity.</p><p style="font: 10pt Times New Roman, Times, Serif; text-indent: 0.5in; margin: 0pt; text-align: justify">The carrying amounts of financial assets and liabilities, such as cash and cash equivalents, accounts receivable, accounts payable, and other payables, approximate their fair values because of the short maturity of these instruments. The carrying values of lease obligations and long-term financing obligations approximate their fair values because interest rates on these obligations are based on prevailing market interest rates. The Company measures the fair value of its warrant liabilities using Level 3 inputs.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Derivatives and Liability-Classified Instruments </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company accounts for common stock warrants as either equity-classified or liability-classified instruments based on an assessment of the specific terms of the warrants and the guidance provided by the Financial Accounting Standards Board (FASB) in ASC 480<i>, Distinguishing Liabilities from Equity (ASC 480)</i> and ASC 815, <i>Derivatives and Hedging (ASC 815)</i>. The assessment considers whether the warrants are freestanding financial instruments pursuant to ASC 480, meet the definition of a liability pursuant to ASC 480, and meet all of the requirements for equity classification under ASC 815, including whether the warrants are indexed to the Company’s own stock and whether the holders of the warrants could potentially require net cash settlement in a circumstance outside of the Company’s control, among other conditions for equity classification. This assessment, which requires the use of professional judgment, is conducted at the time of warrant issuance and as of each subsequent quarterly period end date while the warrants are outstanding.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Allowance for Doubtful Accounts</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company establishes an allowance for doubtful accounts to ensure that its trade receivables balances are not overstated due to uncollectibility. The Company performs ongoing customer credit evaluations within the context of the industry in which it operates and generally does not require collateral from its customers. A specific allowance of up to 100% of the invoice value is provided for any problematic customer balances. Delinquent account balances are written off after management has determined that the likelihood of collection is remote. The Company grants credit only to customers deemed creditworthy in the judgment of management. The allowance for doubtful accounts receivable was approximately $30,000 as of June 30, 2024 and December 31, 2023.</p> 1 30000 30000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Inventories</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company values its inventories at the lower of cost, which approximates actual cost on a first-in, first-out basis, or net realizable value. Costs of inventories primarily consisted of material and third party assembly costs. The Company records write-downs for estimated obsolescence or unmarketable inventories based upon assumptions about future demand and market conditions. If actual market conditions are less favorable than those expected by management, additional adjustments to inventory valuation may be required. Charges for obsolete and slow-moving inventories are recorded based upon an analysis of specific identification of obsolete inventory items and quantification of slow moving inventory items. The Company determined that it had excess and obsolete inventory, primarily related to its mmWave products, and recorded write-downs of inventory of approximately $629,000 during the six months ended June 30, 2023. No material write-downs of inventory were recorded during the six months ended June 30, 2024. If the Company’s recognition of excess or obsolete inventory is, or if its estimates of potential utility become, less favorable than currently expected, additional inventory write-downs may be required. During the three and six months ended June 30, 2024, the Company sold inventory with a value of approximately $81,000 that had been written down in 2023.</p> 629000000 81000 81000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Intangible and Long-lived Assets</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Intangible assets are recorded at cost and amortized on a straight-line method over their estimated useful lives of three to ten years. Amortization of developed technology and other intangibles directly related to the Company’s products is included in cost of net revenue, while amortization of customer relationships and other intangibles not associated with the Company’s products is included in selling, general and administrative expense in the condensed consolidated statements of operations.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company regularly reviews the carrying value and estimated lives of its long-lived assets and finite-lived intangible assets to determine whether indicators of impairment may exist which warrant adjustments to carrying values or estimated useful lives. The determinants used for this evaluation include management’s estimate of the asset’s ability to generate positive income from operations and positive cash flow in future periods as well as the strategic significance of the assets to the Company’s business objective. Should an impairment exist, the impairment loss would be measured based on the excess of the carrying amount of the long-lived asset group over the asset’s fair value.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> P3Y P10Y <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Purchased Intangible Assets</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Intangible assets acquired in business combinations are accounted for based on the fair value of assets purchased and are amortized over the period in which economic benefit is estimated to be received. Intangible assets subject to amortization, including those acquired in business combinations were as follows (amounts in thousands):</p><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="10" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30, 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Gross</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Net</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td> <td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Carrying</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Accumulated</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Carrying</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amount</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amortization</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amount</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 64%; text-align: left">Developed technology</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">5,726</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">(4,599</td><td style="width: 1%; text-align: left">)</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,127</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer relationships</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,556</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">(2,052</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">504</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 1.5pt">Other</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">186</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(170</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">16</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 2.5pt">Total</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">8,468</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">(6,821</td><td style="padding-bottom: 2.5pt; text-align: left">)</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">1,647</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Calibri, Helvetica, Sans-Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="14" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31, 2023</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Gross</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td> </td> <td colspan="2"> </td> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Net</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> </tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Carrying</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Accumulated</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Other</td><td style="font-family: Times

New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Carrying</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amount</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amortization</td> <td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Impairment</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amount</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; font-family: Times New Roman, Times, Serif; text-align: left">Developed technology</td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right">5,726</td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right">(3,471</td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right"><div style="-sec-ix-hidden: hidden-fact-183">—</div></td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right">2,255</td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="font-family: Times New Roman, Times, Serif; text-align: left">Customer relationships</td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right">2,556</td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right">(1,550</td><td style="font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right"><div style="-sec-ix-hidden: hidden-fact-184">—</div></td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right">1,006</td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt">Other</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">186</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">(61</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">(106</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">19</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt">Total</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">8,468</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">(5,082</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">(106</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left">) </td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">3,280</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> </table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Developed technology primarily consisted of MoSys' products that have reached technological feasibility and primarily relate to its memory semiconductor products and technology. The value of the developed technology was determined by discounting estimated net future cash flows of these products. Amortization related to developed technology of $0.6 million and $1.1 million for each of the three and six-month periods ended June 30, 2024, respectively, has been included in cost of net revenue in the condensed consolidated statements of operations and comprehensive loss.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Customer relationships relate to the Company's ability to sell existing and future versions of its products to MoSys' customers existing at the time of the arrangement. The fair value of the customer relationships was determined by discounting estimated net future cash flows from the customer relationships. Amortization related to customer relationships of $0.2 million and $0.5 million for each of the three and six month-periods ended June 30, 2024, respectively, has been included in selling, general and administrative expense in the condensed consolidated statements of operations and comprehensive loss.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Other amortization expense was approximately $1,000 and $2,000 for each of the three and six-month periods ended June 30, 2024, respectively.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">At June 30, 2024, the Company has not identified any intangible asset impairments. However, current macroeconomic conditions, which have been impacted by inflation and other world unrest, could negatively impact the Company's business and stock price and trigger the need to test for impairment. The Company will continue to evaluate for impairment indicators, as necessary, on a quarterly basis. </p> Intangible assets subject to amortization, including those acquired in business combinations were as follows (amounts in thousands):<table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="10" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30, 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Gross</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Net</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Carrying</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Accumulated</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Carrying</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amount</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amortization</td> <td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Amount</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 64%; text-align: left">Developed technology</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">5,726</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">(4,599</td><td style="width: 1%; text-align: left">)</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,127</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer relationships</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,556</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">(2,052</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">504</td> <td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 1.5pt">Other</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">186</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(170</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">16</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 2.5pt">Total</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">8,468</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">(6,821</td><td style="padding-bottom: 2.5pt; text-align: left">)</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">1,647</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table><table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Calibri, Helvetica, Sans-Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="14" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">December 31, 2023</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Gross</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Net</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Carrying</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Accumulated</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Other</td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center">Carrying</td> <td style="font-family: Times New Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amount</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amortization</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Impairment</td><td style="padding-bottom: 1.5pt; font-family: Times New

Roman, Times, Serif; font-weight: bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2"
style="font-family: Times New Roman, Times, Serif; font-weight: bold; text-align: center; border-bottom: Black 1.5pt solid">Amount</td><td style="padding-bottom: 1.5pt;
font-family: Times New Roman, Times, Serif; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%;
font-family: Times New Roman, Times, Serif; text-align: left">Developed technology</td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td
style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif; text-align:
right">5,726</td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="width: 1%; font-family: Times New Roman, Times,
Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times, Serif;
text-align: right">(3,471</td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="width: 1%; font-family: Times New Roman,
Times, Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="width: 9%; font-family: Times New Roman, Times,
Serif; text-align: right"><div style="-sec-ix-hidden: hidden-fact-183">—</div></td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left"> </td>
<td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td
style="width: 9%; font-family: Times New Roman, Times, Serif; text-align: right">2,255</td><td style="width: 1%; font-family: Times New Roman, Times, Serif; text-align:
left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="font-family: Times New Roman, Times, Serif; text-align: left">Customer relationships</td><td style="font-
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Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right">
(1,550</td><td style="font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-
family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right"><div style="-sec-ix-hidden: hidden-
fact-184">—</div></td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif"> </td> <td
style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; text-align: right">1,006</td><td
style="font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="font-
family: Times New Roman, Times, Serif; padding-bottom: 1.5pt">Other</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td
style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times
New Roman, Times, Serif; text-align: right">186</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-
family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align:
left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">(61</td><td style="padding-bottom: 1.5pt; font-
family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-
bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman,
Times, Serif; text-align: right">(106</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times
New Roman, Times, Serif; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td
style="border-bottom: Black 1.5pt solid; font-family: Times New Roman, Times, Serif; text-align: right">19</td><td style="padding-bottom: 1.5pt; font-family: Times New
Roman, Times, Serif; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="font-family: Times New Roman, Times, Serif; padding-bottom:
2.5pt">Total</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New
Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">8,468</td><td
style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif; padding-bottom:
2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double;
font-family: Times New Roman, Times, Serif; text-align: right">(5,082</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)
</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman,
Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: right">(106</td><td
style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align: left">)</td><td style="font-family: Times New Roman, Times, Serif; padding-bottom:
2.5pt"> </td> <td style="border-bottom: Black 4pt double; font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="border-bottom: Black 4pt double;
font-family: Times New Roman, Times, Serif; text-align: right">3,280</td><td style="padding-bottom: 2.5pt; font-family: Times New Roman, Times, Serif; text-align:
left"> </td></tr> </table> 5726000 -4599000 1127000 2556000 -2052000 504000 186000 -170000 16000 8468000 -6821000 1647000 5726000 -3471000 2255000 2556000
-1550000 1006000 186000 -61000 106000 19000 8468000 -5082000 106000 3280000 600000 600000 1100000 1100000 200000 500000 1000 2000 <p style="font: 10pt Times
New Roman, Times, Serif; margin: 0pt 0"><i>Revenue Recognition</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify;
text-indent: 0.5in">The Company recognizes revenue in accordance with ASC Topic 606, <i>Revenue from Contracts with Customers</i>, and its amendments (ASC 606). As
described below, the analysis of contracts under ASC 606 supports the recognition of revenue at a point in time, resulting in revenue recognition timing that is materially
consistent with the Company’s historical practice of recognizing product revenue when title and risk of loss pass to the customer.</p><p style="font: 10pt Times New Roman,
Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 24.5pt"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent:
0.5in">The Company generates revenue primarily from sales of integrated circuits and antenna module products, performance of engineering services and licensing of its
intellectual property. Revenues are recognized when control is transferred to customers in amounts that reflect the consideration the Company expects to be entitled to
receive in exchange for those goods. Revenue recognition is evaluated through the following five steps: (i) identification of the contract, or contracts, with a customer; (ii)
identification of the performance obligations in the contract; (iii) determination of the transaction price; (iv) allocation of the transaction price to the performance obligations
in the contract; and (v) recognition of revenue when or as a performance obligation is satisfied.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt; text-
indent: 0pt"><i>Product revenue</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Revenue is recognized
when performance obligations under the terms of a contract with a customer are satisfied. The majority of the Company’s contracts have a single performance obligation to
transfer products. Accordingly, the Company recognizes revenue when title and risk of loss have been transferred to the customer, generally at the time of shipment of
products. Revenue is measured as the amount of consideration the Company expects to receive in exchange for transferring products and is generally based upon a
negotiated, formula, list or fixed price. The Company sells its products both directly to customers and through distributors generally under agreements with payment terms
typically 60 days or less.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company may record an estimated
allowance, at the time of shipment, for future returns and other charges against revenue consistent with the terms of sale.</p><p style="font: 10pt Times New Roman, Times,
Serif; margin: 0pt; text-indent: 0pt"><i>Royalty and other</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent:
0.5in">The Company’s licensing contracts typically provide for royalties based on the licensee’s use of the Company’s memory technology in its currently shipping commercial
products. The Company estimates its royalty revenue in the calendar quarter in which the licensee uses the licensed technology. Payments are received in the subsequent
quarter. The Company also generates revenue from licensing its technology. The Company recognizes license fees as revenue at the point of time when the control of the
license has been transferred and the Company has no continuing performance obligations to the customer.</p><p style="font: 10pt Times New Roman, Times, Serif; margin:
0pt; text-indent: 0pt"><i>Engineering services revenue </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent:
0.5in">Engineering and development contracts with customers generally contain a single performance obligation that is delivered over time. Revenue is recognized using an
output method that is consistent with the satisfaction of the performance obligation as a measure of progress.</p><p style="font: 10pt Times New Roman, Times, Serif;
margin: 0pt; text-indent: 0pt"><i>Contract liabilities - deferred revenue </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-
indent: 0.5in">The Company’s contract liabilities consist of advance customer payments and deferred revenue. The Company classifies advance customer payments and
deferred revenue as current or non-current based on the timing of when the Company expects to recognize revenue. As of June 30, 2024 and December 31, 2023, contract
liabilities were in a current position and included in deferred revenue.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent:
0.5in">During the six months ended June 30, 2024, the Company recognized approximately $513,000 of revenue that had been included in deferred revenue as of December
31, 2023.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.5in">See Note 6 for disaggregation of revenue by geography.</p><p
style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company does not have significant financing components, as
payments from customers are typically due within 60 days of invoicing, and the Company has elected the practical expedient to not value financing components that are less
than one year. Shipping and handling costs are generally incurred by the customer, and, therefore, are not recorded as revenue.</p><p style="font: 10pt Times New Roman,
Times, Serif; margin: 0pt 0"><i> </i></p> 513000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Cost of Net Revenue</i></p>
<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Cost of net revenue consists primarily of direct and indirect costs of
product sales, including amortization of intangible assets and depreciation of production-related fixed assets.</p> <p style="font: 10pt Times New Roman, Times, Serif;
margin: 0pt 0"><i>Stock-Based Compensation</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent:
0.5in">The Company periodically issues stock options and restricted stock units to employees and non-employees. The Company accounts for such awards based on ASC 505
and ASC 718, whereby the value of the award is measured on the date of award and recognized as compensation expense on a straight-line basis over the vesting period. The
fair value of the Company’s stock options is estimated using the Black-Scholes-Merton Option Pricing (Black Scholes) model, which uses certain assumptions related to risk-
free interest rates, expected volatility, expected life of the options, and future dividends. Compensation expense is recorded based upon the value derived from the Black-
Scholes model. The assumptions used in the Black-Scholes model could materially affect compensation expense recorded in future periods.</p> <p style="font: 10pt Times
New Roman, Times, Serif; margin: 0pt 0"><i>Foreign Currency Transactions </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align:
justify; text-indent: 0.5in">The functional currency of the Company is the U.S. dollar. All foreign currency transactions are initially measured and recorded in an entity’s
functional currency using the exchange rate on the date of the transaction. All monetary assets and liabilities are remeasured at the end of each reporting period using the
exchange rate at that date. All non-monetary assets and related expense, depreciation or amortization are not subsequently remeasured and are measured using the historical
exchange rate. An average exchange rate may be used to recognize income and expense items earned or incurred evenly over a period. Foreign exchange gains and losses
resulting from the settlement of such transactions are recognized in the statement of operations, except for the gains and losses arising from the conversion of the carrying
amount of the foreign currency denominated convertible preferred shares into the functional currency that are presented as adjustment to the net loss to arrive at net loss
attributable to common stockholders.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Per-Share Amounts</i></p><p style="font: 10pt
Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Basic net loss per share is computed by dividing net loss for the period by the weighted-
average number of exchangeable shares and shares of common stock outstanding (WASO) during the period. In addition, the Company includes the number of shares of
common stock issuable upon exercise of pre-funded warrants as outstanding. Diluted net loss per share gives effect to all potentially dilutive exchangeable and common
shares outstanding during the period. Potentially dilutive common shares consist of incremental exchangeable shares and shares of common stock issuable upon the
achievement of escrow terms, exercise of stock options, vesting of stock awards and exercise of warrants. </p><p style="font: 10pt Times New Roman, Times, Serif; margin:
0pt 0; text-align: justify; text-indent: 0.5in">Prior to June 30, 2023, the Company excluded shares of common stock issuable upon exercise of pre-funded warrants from the
computation of WASO. The pre-funded warrant shares are now included in the computation of WASO. Prior period amounts have been conformed to the current-period
presentation. The impact of the change reduced the previously reported loss per share by $0.04, and increased WASO by approximately 4,000 shares for the three months
ended June 30, 2023. The impact of the change reduced the previously reported loss per share by $0.63, and increased WASO by approximately 29,000 shares for the six
months ended June 30, 2023, respectively. The reclassification had no impact on the Company’s net loss or cash flows for the three and six months ended June 30, 2023.</p>
<p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 24.5pt"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align:
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style="width: 9%; text-align: right">33</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">33</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Escrow shares - common stock</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">13</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">13</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Options to purchase common stock</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">34</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">37</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; 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margin-top: 0pt; margin-right: 0; margin-bottom: 0pt; text-align: left"><i>Recently Issued Accounting Pronouncements</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In November 2023, the FASB issued ASU No. 2023-07, <i>Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, </i>which requires disclosure of incremental segment information on an annual and interim basis. ASU No. 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and it requires retrospective application to all prior periods presented in the financial statements. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In December 2023, the FASB issued ASU No. 2023-09, <i>Income Taxes (Topic 740): Improvements to Income Tax Disclosures</i>, which expands disclosures in an entity's income tax rate reconciliation table and disclosures regarding cash taxes paid both in the U.S. and foreign jurisdictions. The update will be effective for annual periods beginning after December 15, 2024. The Company is currently evaluating the impact that this ASU will have on the presentation of its consolidated financial statements.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Other recent authoritative guidance issued by the FASB (including technical corrections to the ASCs), the American Institute of Certified Public Accountants, and the Securities and Exchange Commission (the SEC) did not, or is not expected to, have a material impact on the Company's consolidated financial statements and related disclosures. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 2. Fair Value of Financial Instruments</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The following tables represent the Company's assets and liabilities measured at fair value on a recurring basis and the basis for that measurement (in thousands):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="14" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30, 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; 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bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Gains</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-
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style="width: 52%; text-align: left">Cash and cash equivalents</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-
align: right">1,868</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-
align: right"><div style="-sec-ix-hidden: hidden-fact-197">—</div></td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%;
text-align: left">$</td><td style="width: 9%; text-align: right"><div style="-sec-ix-hidden: hidden-fact-198">—</div></td><td style="width: 1%; text-align: left"> </td><td
style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,868</td><td style="width: 1%; text-align: left"> </td></tr>
</table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0;
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bold; text-align: center">Cost</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2"
style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Gains</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight:
bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Losses</td><td style="padding-bottom:
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align: right"><div style="-sec-ix-hidden: hidden-fact-199">—</div></td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%;
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style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,583</td><td style="width: 1%; text-align: left"> </td></tr>
</table> The following tables represent the Company’s assets and liabilities measured at fair value on a recurring basis and the basis for that measurement (in thousands):
<table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom">
<td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="14" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align:
center">June 30, 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold;
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1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-
align: center">Level 1</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2"
style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Level 2</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-
weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Level 3</td><td style="padding-
bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td>Assets:</td><td> </td> <td colspan="2" style="text-align: right"> </td><td> </td>
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right"><div style="-sec-ix-hidden: hidden-fact-188">—</div></td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align:
left">$</td><td style="width: 9%; text-align: right"><div style="-sec-ix-hidden: hidden-fact-189">—</div></td><td style="width: 1%; text-align: left"> </td></tr> <tr
style="vertical-align: bottom; "> <td> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"> </td><td style="text-align: left"> </td><td> </td>
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right"> </td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Warrant liabilities</td><td> </td> <td style="text-
align: left">$</td><td style="text-align: right">103</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right"><div
style="-sec-ix-hidden: hidden-fact-190">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right"><div
style="-sec-ix-hidden: hidden-fact-191">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">103</td>
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bold; text-align: center; border-bottom: Black 1.5pt solid">Fair Value</td><td style="padding-bottom: 1.5pt; font-family: Times New Roman, Times, Serif; font-weight:
bold"> </td><td style="font-family: Times New Roman, Times, Serif; font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="font-family: Times New Roman,
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font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="width: 1%; font-family: Times New Roman, Times, Serif"> </td> <td style="width: 1%; font-
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Serif; text-align: right">1,748</td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times,

Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="font-family: Times New Roman, Times, Serif; text-align: right"><div style="-sec-ix-hidden: hidden-fact-195">—</div></td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="font-family: Times New Roman, Times, Serif; text-align: right"><div style="-sec-ix-hidden: hidden-fact-196">—</div></td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td><td style="font-family: Times New Roman, Times, Serif"> </td> <td style="font-family: Times New Roman, Times, Serif; text-align: left">$</td><td style="font-family: Times New Roman, Times, Serif; text-align: right">1,748</td><td style="font-family: Times New Roman, Times, Serif; text-align: left"> </td></tr> </table><table cellpadding="0" cellspacing="0" style="font: 10pt Calibri, Helvetica, Sans-Serif; width: 100%; border-collapse: collapse"> <tr style="vertical-align: top"> <td style="width: 24px">(1)</td> <td style="text-align: justify">Amounts are included in cash and cash equivalents on the condensed consolidated balance sheets.</td></tr> </table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> 1000 103000 103000 1000 1748000 1748000 The following tables represent the Company’s determination of fair value for its financial assets (cash equivalents) (in thousands):<table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="14" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30, 2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; 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text-align: center">Losses</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Value</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: left">Cash and cash equivalents</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,868</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right"><div style="-sec-ix-hidden: hidden-fact-197">—</div></td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right"><div style="-sec-ix-hidden: hidden-fact-198">—</div></td><td style="width: 1%; 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margin: 0pt 0">Note 4. Severance and Software License Obligations</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On November 7, 2023, the Company implemented an employee lay-off and terminated certain consulting positions (the “Reductions”) to reduce operating expenses and cash burn, as the Company prioritized business activities and projects that it believes will have a higher return on investment. As part of the Reductions, the Company implemented a temporary lay-off that impacted 16 employees (the “Employees”) of Peraso Tech. The employment of one Employee was terminated during the three months ended March 31, 2024. During the three months ended June 30, 2024, the Company determined that it would not recall any of the 10 Employees that remained on the Company’s payroll and commenced notifying the remaining Employees that their employment would be terminated. As a result of the terminations, the Company recorded severance charges of approximately $424,000 and $446,000 for the three and six months ended June 30, 2024, respectively, and recorded a liability for severance costs of $419,000 at June 30, 2024. The severance costs are expected to be paid over the next 13 months.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">As a result of the decision to not recall the Employees, the Company determined that it was probable that a number of its non-cancelable licenses for computer-aided design software would not be utilized during the remaining license terms. During the three months ended June 30, 2024, the Company expensed the value of the remaining contractual liabilities and certain prepaid amounts totaling approximately $1,617,000 and recorded liabilities totaling approximately $1,533,000, which are expected to be paid through September 30, 2025. As of June 30, 2024, the current portion of the remaining contractual liabilities of $257,000 and $1,015,000 are included in accounts payable and accrued expenses and other, respectively (see Note 3), and the non-current portion of $261,000 is included in other long-term liabilities.</p> 424000 446000 419000 1617000 1533000 257000 1015000 261000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 5. Commitments and Contingencies</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Leases</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; ">The Company has operating leases for its corporate headquarters facility in San Jose, California and facilities in Toronto and Markham, Ontario, Canada and recognizes lease expense on a straight-line basis over the respective lease terms.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; "> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; ">In November 2023, the Company renewed the San Jose facility lease for a one-year term, which commenced January 15, 2024 (the Renewal Term), and, effective with the commencement of the Renewal Term, the Company ceased accounting for the lease under ASC 842. In December 2023, the Company renewed the Toronto office lease for a reduced amount of square footage for a one-year term, which commenced January 1, 2024. In May 2022, the Company entered into a lease for the facility in Markham with a 60-month term, which commenced June 21, 2022. The Markham landlord also provided a lease incentive of approximately $286,200 (the Incentive). In 2023, the Company received payment of $143,100 from the Markham landlord of the first installment of the Incentive. The remaining balance of the Incentive is paid to the Company in the form of an adjustment to rent during the last three months of each year during the remaining lease term. During 2023, a credit of $35,775 was made against the rent during the three months ended December 31, 2023. As of June 30, 2024, the pending Incentive to be received was $107,325.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; "> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Upon the renewal of the Toronto lease in December 2023, the Company recognized a right-of-use asset of approximately $137,700. The discount rate used to measure the lease assets and liabilities for the renewal was 8%.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; ">The initial right-of-use asset and corresponding liability of approximately $1.0 million for the Markham facility lease were measured at the present value of the future minimum lease payments. The discount rate used to measure the lease assets and liabilities was 8%.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; ">On March 1, 2022, the Company entered into a 36-month finance lease agreement for the lease of equipment resulting in the recognition of a right-of-use asset and lease liability of approximately $274,000.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"><i> </i> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; ">On November 1, 2022, the Company entered into a 36-month finance lease agreement for the lease of equipment resulting in the recognition of a right-of-use asset of approximately $124,000 and lease liability of approximately $117,000.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in; "><i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; ">The following table provides the details of right-of-use assets and lease liabilities as of June 30, 2024 (in thousands):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; "> </p> <table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td>Right-of-use assets:</td><td> </td> <td colspan="2" style="text-align: right"> </td><td> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 88%; text-align: left">Operating leases</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">316</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; 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Rent expense was approximately $0.3 million and $0.4 million for the six-month periods ended June 30, 2024 and 2023, respectively. In addition to the minimum lease payments, the Company is responsible for property taxes, insurance and certain other operating costs related to the leased facilities and equipment.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Indemnification</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In the ordinary course of business, the Company enters into contractual arrangements under which it may agree to indemnify the counterparties from any losses incurred relating to breach of representations and warranties, failure to perform certain covenants, or claims and losses arising from certain events as outlined within the particular contract, which may include, for example, losses arising from litigation or claims relating to past performance. Such indemnification clauses may not be subject to maximum loss clauses. The Company has also entered into indemnification agreements with its officers and directors. No material amounts were reflected in the Company’s condensed consolidated financial statements for the three and six months ended June 30, 2024 and 2023 related to these indemnifications.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company has not estimated the maximum potential amount of indemnification liability under these agreements due to the limited history of prior claims and the unique facts and circumstances applicable to each particular agreement. To date, the Company has not made any payments related to these indemnification agreements. </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Product Warranties</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company warrants certain of its products to be free of defects generally for a period of three years. The Company estimates its warranty costs based on historical warranty claim experience and includes such costs in cost of net revenues. Warranty costs were not material for the three and six months ended June 30, 2024 and 2023.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Legal Matters</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company is not a party to any legal proceeding that the Company believes is likely to have a material adverse effect on its condensed consolidated financial position or results of operations. From time to time the Company may be subject to legal proceedings and claims in the ordinary course of business. These claims, even if not meritorious, could result in the expenditure of significant financial resources and diversion of management efforts.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Purchase Obligations</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company’s primary purchase obligations include non-cancelable purchase orders for inventory. At June 30, 2024, the Company had outstanding non-cancelable purchase orders for inventory, primarily wafers and substrates, and related expenditures of approximately $2.9 million. As disclosed in Note 4, as of June 30, 2024, the Company recorded liabilities of approximately $1.6 million for non-cancelable license commitments for computer-aided design software.</p> 286200 143100 35775 35775 107325 137700 0.08 1000000 0.08 274000 124000 117000 The following table provides the details of right-of-use assets and lease liabilities as of June 30, 2024 (in thousands):<table cellpadding="0" cellspacing="0" style="border-collapse: collapse; width: 100%; font: 10pt Times New Roman, Times, Serif"> <tr style="vertical-align: bottom"> <td>Right-of-use assets:</td><td> </td> <td colspan="2" style="text-align: right"> </td><td> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 88%; text-align: left">Operating leases</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">316</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">Finance leases</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">125</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 4pt; padding-left: 9pt">Total right-of-use assets</td><td style="padding-bottom: 4pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">441</td><td style="padding-bottom: 4pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Lease liabilities:</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"> </td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Operating leases</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">381</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">Finance leases</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">126</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 4pt; padding-left: 9pt">Total lease liabilities</td><td style="padding-bottom: 4pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">507</td><td style="padding-bottom: 4pt; text-align: left"> </td></tr> </table>The following table provides the details of supplemental cash flow information (in thousands):<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Six Months Ended
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Business Segments, Concentration of Credit Risk and Significant Customers</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company determined its reporting units in accordance with ASC 280, <i>Segment Reporting</i> (ASC 280). Management evaluates a reporting unit by first identifying its operating segments under ASC 280. The Company then evaluates each operating segment to determine if it includes one or more components that constitute a business. If there are components within an operating segment that meet the definition of a business, the Company evaluates those components to determine if they must be aggregated into one or more reporting units. If applicable, when determining if it is appropriate to aggregate different operating segments, the Company determines if the segments are economically similar and, if so, the operating segments are aggregated.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Management has determined that the Company has one consolidated operating segment. The Company’s reporting segment reflects the manner in which its chief operating decision maker reviews results and allocates resources. The Company’s reporting segment meets the definition of an operating segment and does not include the aggregation of multiple operating segments.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company recognized revenue from shipments of product, licensing of its technologies and performance of services to customers by geographical location as follows (in thousands):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="6" style="font-weight: bold; text-align: center">Three Months Ended</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="6" style="font-weight: bold; text-align: center">Six Months Ended</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: left">United States</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">3,308</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,421</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">5,539</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">4,510</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Hong Kong</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">234</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">147</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">446</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">293</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td>Taiwan</td><td> </td> <td style="text-align: left"> </td> <td style="text-align: right">71</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">562</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">161</td><td style="text-align: left"> </td><td> </td> <td style="text-align:

left"> </td><td style="text-align: right">1,991</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 1.5pt">Rest of world</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">625</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">273</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">908</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">642</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 2.5pt">Total net revenue</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">4,238</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">2,403</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">7,054</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">7,436</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The following is a breakdown of product revenue by category (in thousands):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Three months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Six Months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td style="border-bottom: Black 1.5pt solid; font-weight: bold">Product category</td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: left">Memory ICs</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">3,428</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,616</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">5,811</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">3,831</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">mmWave ICs</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">127</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">559</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">204</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,004</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">mmWave modules</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">553</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">60</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">757</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,284</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">mmWave other products</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">1</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-207">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">13</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">4</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td> <td style="border-bottom: Black 4pt double; text-align: right">4,109</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">2,235</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">6,785</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">7,123</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The following table lists significant customers that represented more than 10% of the Company’s total revenue during each respective period:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Three Months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Six Months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: left">Customer A</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">55</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">*</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">53</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">10</td><td style="width: 1%; text-align: left">%</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer B</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">24</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">46</td><td style="text-align: left">%</td> <td> </td> <td style="text-align: left"> </td><td style="text-align: right">23</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">27</td><td style="text-align: left">%</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Customer C</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">12</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer D</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">23</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">26</td><td style="text-align: left">%</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Customer E</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"> *</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">* </td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">15</td><td style="text-align: left">%</td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The following table lists significant customers that represented more than 10% of the Company’s net accounts receivable balance at each respective balance sheet date:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Accounts Receivable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">June 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%; text-align: left">Customer A</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">24</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">36</td><td style="width: 1%; text-align: left">%</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer B</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">33</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">33</td><td style="text-align: left">%</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Customer C</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">33</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td> <td style="text-align: right">*</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer D</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td> <td> </td> <td style="text-align: left"> </td><td style="text-align: right">14</td><td style="text-align: left">%</td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The following table lists significant vendors that represented more than 10% of the Company’s total accounts payable balance at each respective balance sheet date:</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Accounts Payable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td>

<td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">June 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%; text-align: left">Vendor A</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">33</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">47</td><td style="width: 1%; text-align: left">%</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Vendor B</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">12</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td> <td style="text-align: right">12</td><td style="text-align: left">%</td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"> <tr style="vertical-align: top"> <td style="width: 0.25in; font-size: 10pt">*</td> <td style="font-size: 10pt">Represents less than 10%</td></tr> </table> 1 The Company recognized revenue from shipments of product, licensing of its technologies and performance of services to customers by geographical location as follows (in thousands):<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="6" style="font-weight: bold; text-align: center">Three Months Ended</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="6" style="font-weight: bold; text-align: center">Six Months Ended</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: left">United States</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">3,308</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,421</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">5,539</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">4,510</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Hong Kong</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">234</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">147</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">446</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">293</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td>Taiwan</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">71</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">562</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">161</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,991</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 1.5pt">Rest of world</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">625</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">273</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">908</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">642</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left; padding-bottom: 2.5pt">Total net revenue</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">4,238</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">2,403</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">7,054</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">7,436</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> 3308000 1421000 5539000 4510000 234000 147000 446000 293000 71000 562000 161000 1991000 625000 273000 908000 642000 4238000 2403000 7054000 7436000 The following is a breakdown of product revenue by category (in thousands):<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Three months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Six Months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td style="border-bottom: Black 1.5pt solid; font-weight: bold">Product category</td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: left">Memory ICs</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">3,428</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,616</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">5,811</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">3,831</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">mmWave ICs</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">127</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">559</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">204</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2,004</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">mmWave modules</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">553</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">60</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">757</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,284</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">mmWave other products</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">1</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-207">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">13</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">4</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">4,109</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">2,235</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">6,785</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right">7,123</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> 3428000 1616000 5811000 3831000 127000 559000 204000 2004000 553000 60000 757000 1284000 1000 13000 4000 4109000 2235000 6785000 7123000 <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Three Months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Six Months Ended
 June 30,</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 52%; text-align: left">Customer A</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">55</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">*</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">53</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">10</td><td style="width: 1%; text-align: left">%</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer B</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">24</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">46</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">23</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">27</td><td style="text-align: left">%</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Customer C</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">12</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer D</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align:

left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">23</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">26</td><td style="text-align: left">%</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Customer E</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">15</td><td style="text-align: left">%</td></tr> </table>The following table lists significant customers that represented more than 10% of the Company’s total revenue during each respective period:<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Accounts Receivable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">June 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%; text-align: left">Customer A</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td> <td style="width: 9%; text-align: right">24</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">36</td><td style="width: 1%; text-align: left">%</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer B</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">33</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td> <td style="text-align: right">33</td><td style="text-align: left">%</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Customer C</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">33</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Customer D</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">*</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">14</td><td style="text-align: left">%</td></tr> </table>The following table lists significant vendors that represented more than 10% of the Company’s total accounts payable balance at each respective balance sheet date:<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Accounts Payable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">June 30,</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">December 31,</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2024</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2023</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%; text-align: left">Vendor A</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">33</td> <td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">47</td><td style="width: 1%; text-align: left">%</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Vendor B</td><td> </td> <td style="text-align: left"> </td> <td style="text-align: right">12</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">12</td><td style="text-align: left">%</td></tr> </table><table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"> <tr style="vertical-align: top"> <td style="width: 0.25in; font-size: 10pt">*</td> <td style="font-size: 10pt">Represents less than 10%</td></tr> </table> 0.55 0.53 0.10 0.24 0.46 0.23 0.27 0.12 0.23 0.26 0.15 0.24 0.36 0.33 0.33 0.33 0.14 0.33 0.47 0.12 0.12 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 7. Stock-Based Compensation</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Common Stock Equity Plans</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In 2010, the Company adopted the 2010 Equity Incentive Plan and later amended it in 2014, 2017 and 2018 (the Amended 2010 Plan). The Amended 2010 Plan was terminated in August 2019 and remains in effect as to outstanding equity awards granted prior to the date of expiration. No new awards may be made under the Amended 2010 Plan.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In August 2019, the Company’s stockholders approved the 2019 Stock Incentive Plan (the 2019 Plan) to replace the Amended 2010 Plan. The 2019 Plan authorizes the board of directors or the compensation committee of the board of directors to grant a broad range of awards including stock options, stock appreciation rights, restricted stock, performance-based awards, and restricted stock units. Under the 2019 Plan, 4,563 shares were initially reserved for issuance. In November 2021, in connection with the approval of the Arrangement, the Company’s stockholders approved an amendment increasing the number of shares reserved for issuance under the 2019 Plan by 77,674 shares.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Under the 2019 Plan, the term of all incentive stock options granted to a person who, at the time of grant, owns stock representing more than 10% of the voting power of all classes of the Company’s stock may not exceed five years. The exercise price of stock options granted under the 2019 Plan must be at least equal to the fair market value of the shares on the date of grant. Generally, awards under the 2019 Plan will vest over a three to four-year period, and options will have a term of 10 years from the date of grant. In addition, the 2019 Plan provides for automatic acceleration of vesting for options granted to non-employee directors upon a change of control of the Company.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In connection with the Arrangement, the Company assumed the Peraso Technologies Inc. 2009 Share Option Plan (the 2009 Plan) and all outstanding options granted pursuant to the terms of the 2009 Plan. Each outstanding, unexercised and unexpired option under the 2009 Plan, whether vested or unvested, was assumed by the Company and converted into options to purchase shares of the Company’s common stock. No further awards will be made under the 2009 Plan. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The 2009 Plan, the Amended 2010 Plan and the 2019 Plan are referred to collectively as the “Plans.”</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Stock-Based Compensation Expense</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company reflected compensation costs of $2.0 million and $2.1 million related to the vesting of stock options during each of the six-month periods ended June 30, 2024 and 2023, respectively. At June 30, 2024, the unamortized compensation cost was approximately $1.2 million related to stock options and is expected to be recognized as expense over a weighted average period of approximately 0.6 years. The Company reflected compensation costs of $0.4 million and $0.5 million related to the vesting of restricted stock units during each of the six-month periods ended June 30, 2024 and 2023, respectively. The unamortized compensation cost at June 30, 2024 was $0.5 million related to restricted stock units and is expected to be recognized as expense over a weighted average period of approximately 0.7 years. There were no stock options granted or exercised during the six months ended June 30, 2024 and 2023. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Common Stock Options and Restricted Stock</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The term of all incentive stock options granted to a person who, at the time of grant, owns stock representing more than 10% of the voting power of all classes of the Company’s stock may not exceed five years. The exercise price of stock options granted under the 2019 Plan must be at least equal to the fair market value of the shares on the date of grant. Generally, options granted under the 2019 Plan will vest over a three to four-year period and have a term of 10 years from the date of grant. In addition, the 2019 Plan provides for automatic acceleration of vesting for options granted to non-employee directors upon a change of control (as defined in the 2019 Plan) of the Company.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The following table summarizes the activity in the shares available for grant under the Plans during the three and six months ended June 30, 2024 and options outstanding as of June 30, 2024 (in thousands, except exercise price):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td> <td style="padding-bottom: 1.5pt"> </td> <td colspan="2"> </td><td style="padding-bottom: 1.5pt"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Options Outstanding</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Shares</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td> <td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Available</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Number of</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Exercise</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">for Grant</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Shares</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Prices</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 64%">Balance as of December 31, 2023</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">39</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">36</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">127.00</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in; text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">(2</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-219">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-220">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; text-align: left">RSUs cancelled and returned to the 2019 Plan</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-221">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-222">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in; text-align: left; padding-bottom: 1.5pt">Options cancelled</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-223">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(1</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">147.64</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align:

bottom; background-color: rgb(204,238,255)"> <td>Balance as of March 31, 2024</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">39</td>
<td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">35</td><td style="text-align: left"> </td><td> </td> <td
style="text-align: left">$</td><td style="text-align: right">126.70</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left:
0.125in; text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-224">—</div>
</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-225">—</div></td>
<td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-226">—</div></td><td
style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; text-align: left">RSUs cancelled
and returned to the 2019 Plan</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">3</td><td style="text-align: left"> </td><td> </td> <td
style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-227">—</div></td><td style="text-align: left"> </td><td> </td> <td
style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-228">—</div></td><td style="text-align: left"> </td></tr> <tr
style="vertical-align: bottom; "> <td style="padding-left: 0.125in; text-align: left; padding-bottom: 1.5pt">Options cancelled</td><td style="padding-bottom: 1.5pt"> </td>
<td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-
229">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-
align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(1</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-
bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">150.19</td><td style="padding-bottom:
1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">Balance as of June 30,
2024</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-
align: right">42</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-
align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">34</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-
bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right">125.99</td><td style="padding-bottom:
2.5pt; text-align: left"> </td></tr> </table> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center"> </p> <p style="font: 10pt Times New
Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">A summary of RSU activity under the Plans is presented below (in thousands, except for fair value):
</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center; text-indent: 0.5in"> </p> <table cellpadding="0" cellspacing="0"
style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td>
<td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-weight: bold"> </td></tr> <tr
style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-
align: center">Average</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2"
style="font-weight: bold; text-align: center">Number of</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight:
bold; text-align: center">Grant-Date</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-
bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Shares</td><td style="padding-bottom: 1.5pt; font-
weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align:
center">Fair Value</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td
style="width: 76%">Non-vested shares as of December 31, 2023</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-
align: right">15</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-
align: right">69.63</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in">Granted</td><td> </td>
<td style="text-align: left"> </td><td style="text-align: right">2</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align:
right">1.55</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; padding-
bottom: 1.5pt">Cancelled</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black
1.5pt solid; text-align: right">(2</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt;
text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">53.54</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-
align: bottom; "> <td>Non-vested shares as of March 31, 2024</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">15</td><td style="text-align:
left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">62.04</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom;
background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; padding-bottom: 1.5pt">Vested</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-
bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(5</td><td style="padding-bottom: 1.5pt; text-align: left">)
</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">1.48</td><td
style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 2.5pt">Non-vested shares as of June 30,
2024</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-
align: right">10</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align:
left">$</td><td style="padding-bottom: 2.5pt; text-align: right">52.73</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> <p style="font: 10pt
Times New Roman, Times, Serif; margin: 0pt 0; text-align: center; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align:
justify; text-indent: 0.5in">The following table summarizes significant ranges of outstanding and exercisable options as of June 30, 2024 (in thousands, except contractual life
and exercise price):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times
New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom:
1.5pt"> </td> <td colspan="10" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Options Outstanding</td><td style="padding-bottom: 1.5pt;
font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="10" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align:
center">Options Exercisable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td
colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-weight:
bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td
colspan="2"> </td><td> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td
colspan="2" style="font-weight: bold; text-align: center">Average</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td
colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td></tr> <tr style="vertical-align: bottom">
<td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Remaining</td>
<td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-
weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align:
center">Weighted</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td>
<td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Contractual</td><td style="font-
weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td><td style="font-weight: bold"> </td>
<td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td><td
style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Aggregate</td><td style="font-weight:
bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align:
center">Number</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Life</td><td
style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Exercise</td><td style="font-weight:
bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Number</td><td style="font-weight: bold"> </td><td
style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Exercise</td><td style="font-weight: bold"> </td><td style="font-weight:
bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Intrinsic</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td
style="border-bottom: Black 1.5pt solid; font-weight: bold">Range of Exercise Price</td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2"
style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Outstanding</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-
weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">(in Years)</td><td
style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid;
font-weight: bold; text-align: center">Price</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td
colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Exercisable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td
style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Price</td><td
style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid;
font-weight: bold; text-align: center">value</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color:
rgb(204,238,255)"> <td style="width: 28%">$0.00 - $62.80</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align:
right">2</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align:
right">5.39</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align:
right">62.80</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align:
right"> 2</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align:
right">62.80</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align:
right"><div style="-sec-ix-hidden: hidden-fact-230"> —</div></td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td
style="padding-bottom: 1.5pt">$62.81 - $599.60</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td
style="border-bottom: Black 1.5pt solid; text-align: right"> 32</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td>
<td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt; text-align: right">6.24</td><td style="padding-bottom: 1.5pt; text-align:
left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align:
right">108.13</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-
align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">28</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-
bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">107.91</td><td style="padding-bottom:
1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left">$</td><td style="border-bottom: Black
1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-231">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-
align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">$0.00 - $599.60</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-
bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">34</td><td style="padding-bottom: 2.5pt; text-align:
left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt; text-align:
right">6.18</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align:
left">$</td><td style="padding-bottom: 2.5pt; text-align: right">125.99</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom:
2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">30</td><td style="padding-
bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt;
text-align: right">128.17</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt
double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right"><div style="-sec-ix-hidden: hidden-fact-232">—</div></td><td style="padding-
bottom: 2.5pt; text-align: left"> </td></tr> </table> 4563 77674 0.10 P5Y P3Y P10Y 2000000 2100000 1200000 P0Y7M6D 400000 500000 500000 P0Y8M12D 0.10 P10Y The
following table summarizes the activity in the shares available for grant under the Plans during the three and six months ended June 30, 2024 and options outstanding as of
June 30, 2024 (in thousands, except exercise price):<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width:
100%"> <tr style="vertical-align: bottom"> <td> </td><td style="padding-bottom: 1.5pt"> </td> <td colspan="2"> </td><td style="padding-bottom: 1.5pt"> </td><td
style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="6" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Options

Outstanding</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td> <td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Shares</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Available</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Number of</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Exercise</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">for Grant</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Shares</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Prices</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 64%">Balance as of December 31, 2023</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">39</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">36</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">127.00</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in; text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">(2</td><td style="text-align: left">)</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-219">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-220">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; text-align: left">RSUs cancelled and returned to the 2019 Plan</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-221">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-222">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in; text-align: left; padding-bottom: 1.5pt">Options cancelled</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-223">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(1</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">147.64</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td>Balance as of March 31, 2024</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">39</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">35</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">126.70</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in; text-align: left">RSUs granted</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-224">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-225">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-226">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; text-align: left">RSUs cancelled and returned to the 2019 Plan</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">3</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-227">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-228">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in; text-align: left; padding-bottom: 1.5pt">Options cancelled</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-229">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(1</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">150.19</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">Balance as of June 30, 2024</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">42</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">34</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td> <td style="padding-bottom: 2.5pt; text-align: right">125.99</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> 39 36 127 2 2 1 147.64 39 35 126.7 3 1 150.19 42 34 125.99 A summary of RSU activity under the Plans is presented below (in thousands, except for fair value):<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Number of</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Grant-Date</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Shares</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Fair Value</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%">Non-vested shares as of December 31, 2023</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">15</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">69.63</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-left: 0.125in">Granted</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">2</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">1.55</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; padding-bottom: 1.5pt">Cancelled</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(2</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">53.54</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td>Non-vested shares as of March 31, 2024</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">15</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">62.04</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-left: 0.125in; padding-bottom: 1.5pt">Vested</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(5</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">1.48</td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 2.5pt">Non-vested shares as of June 30, 2024</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">10</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right">52.73</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> 15 69.63 2 1.55 2 53.54 15 62.04 5 1.48 10 52.73 The following table summarizes significant ranges of outstanding and exercisable options as of June 30, 2024 (in thousands, except contractual life and exercise price):<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="10" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Options Outstanding</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="10" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Options Exercisable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td> <td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td><td> </td><td> </td> <td colspan="2"> </td> <td> </td><td> </td> <td colspan="2"> </td><td> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Remaining</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Weighted</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Contractual</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td><td style="font-weight: bold"> </td><td> </td> <td colspan="2"> </td><td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Average</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Aggregate</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Number</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Life</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Exercise</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Number</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Exercise</td><td style="font-weight: bold"> </td><td style="font-weight: bold"> </td> <td colspan="2" style="font-weight: bold; text-align: center">Intrinsic</td><td style="font-weight: bold"> </td></tr> <tr style="vertical-align: bottom"> <td style="border-bottom: Black 1.5pt solid; font-weight: bold">Range of Exercise Price</td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Outstanding</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">(in Years)</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Price</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Exercisable</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Price</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">value</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 28%">$0.00 - $62.80</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">2</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">5.39</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">62.80</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right"> 2</td><td style="width: 1%; text-align: align:

left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">62.80</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right"><div style="-sec-ix-hidden: hidden-fact-230"> —</div></td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 1.5pt">$62.81 - $599.60</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"> 32</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt; text-align: right">6.24</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">108.13</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">28</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">107.91</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left">$</td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-231">—</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">$0.00 - $599.60</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">34</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt; text-align: right">6.18</td><td style="padding-bottom: 2.5pt; text-align: left"> </td> <td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right">125.99</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">30</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left">$</td><td style="padding-bottom: 2.5pt; text-align: right">128.17</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left">$</td><td style="border-bottom: Black 4pt double; text-align: right"><div style="-sec-ix-hidden: hidden-fact-232">—</div></td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> 0 62.8 2 P5Y4M20D 62.8 2 62.8 62.81 599.6 32 P6Y2M26D 108.13 28 107.91 0 599.6 34 P6Y2M4D 125.99 30 128.17 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 8. Equity</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Exchangeable Shares and Preferred Stock</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">As discussed in Note 1, on December 17, 2021, following the satisfaction of the closing conditions set forth in the Arrangement Agreement, the Arrangement was completed. Pursuant to the completion of the Arrangement, each Peraso Share that was issued and outstanding immediately prior to December 17, 2021 was converted into either newly issued shares of common stock of the Company or shares of Canco, which are exchangeable for shares of the Company’s common stock (Exchangeable Shares), at the election of each former Peraso Tech stockholder. Of the shares issued to the holders of Peraso Tech Shares, pursuant to the terms of the Agreement, the Company held in escrow an aggregate of 32,822 Exchangeable Shares and 12,564 shares of common stock (collectively, the Escrow Shares). The Escrow Shares are escrowed pursuant to the terms of an escrow agreement on a pro rata basis from the aggregate consideration received by the holders of Peraso Shares, subject to the offset by the Company for any losses in accordance with the Agreement. Such Escrow Shares shall be released, subject to any offset claim, upon the satisfaction of the earlier of: (a) any date following the first anniversary of December 17, 2021 and prior to December 17, 2024 where the volume weighted average price of the common stock for any 20 trading days within a period of 30 consecutive trading days is at least $342.80 per share, subject to adjustment for stock splits or other similar transactions; (b) the date of any sale of all or substantially all of the assets or shares of the Company; or (c) the date of any bankruptcy, insolvency, restructuring, receivership, administration, wind-up, liquidation, dissolution, or similar event involving the Company. All and any voting rights and other stockholder rights, other than with respect to dividends and distributions, with respect to the Escrow Shares are suspended until the Escrow Shares are released from escrow.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Exchangeable Share structure is commonly used for cross-border transactions of this nature so as to provide non-tax-exempt Canadian shareholders with the same economic rights and benefits as holders of the Company’s shares into which the Exchangeable Shares are exchangeable, while allowing those Canadian shareholders to benefit from the tax-rollover available on the issuance of the Exchangeable Shares. In general terms, by choosing to acquire Exchangeable Shares from Canco, such a former Peraso Tech shareholder was able to rely on a rollover rule in the Income Tax Act (Canada) in order to defer any capital gain that he/she/it would have otherwise realized.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Callco was incorporated to exercise the call rights, while Canco was incorporated to acquire the shares of Peraso Tech from Canadian shareholders that wished to receive Exchangeable Shares as consideration, so it was a tax deferred transaction for such Canadian shareholders. The use of a separate entity, Callco, helps maximize cross border paid-up capital, which represents the amount that can generally be distributed free of Canadian withholding tax. The call rights also allow Callco to “purchase” the Exchangeable Shares rather than having them redeemed by Canco on a redemption or retraction or in connection with a liquidity event, thus avoiding the adverse deemed dividend tax consequences to shareholders that may arise from a redemption or retraction of Exchangeable Shares.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Holders of Exchangeable Shares have the right at any time (the Retraction Right) to retract or redeem any or all of the Exchangeable Shares owned by them for an amount per share equal to the market price of a share of the Company’s common stock plus the full amount of all declared and unpaid dividends on such Exchangeable Share (the Exchangeable Share Purchase Price). The Exchangeable Share Purchase Price is payable only by the Company delivering or causing to be delivered to the relevant holder one share of the Company’s common stock for each Exchangeable Share purchased plus a cash amount equal to the amount of any accrued and unpaid dividends on such Exchangeable Share. The Company and Callco each have an overriding right, in the event that a holder of Exchangeable Shares exercises its Retraction Right, to redeem from such holder all, but not less than all, of the Exchangeable Shares tendered for redemption.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Exchangeable Shares are subject to redemption by the Company, Callco and Canco at the Exchangeable Share Purchase Price, on the “Redemption Date,” which date shall be no earlier than the seventh anniversary of the date on which Exchangeable Shares are first issued, unless: (a) less than 10% of the aggregate number of Exchangeable Shares issued remain outstanding; (b) there is a change in control of the Company (defined generally as (i) any merger, amalgamation, arrangement, takeover bid or tender offer, material sale of shares or rights or interests that results in the holders of outstanding voting securities of the Company directly or indirectly owning, or exercising control or direction over, voting securities representing less than 50% of the total voting power of all of the voting securities of the surviving entity; or (ii) any sale or disposition of all or substantially of the Company’s assets), and (c) upon the occurrence of certain other events. The Exchangeable Share Purchase Price is payable only by the Company delivering or causing to be delivered to the relevant holder one share of the Company’s common stock for each Exchangeable Share purchased plus a cash amount equal to the amount of any accrued and unpaid dividends on such Exchangeable Share.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In the event of the liquidation, dissolution or winding-up of Canco, holders of Exchangeable Shares have the right to receive in respect of each Exchangeable Share held by such holder, an amount per share equal to the Exchangeable Share Purchase Price, which shall be satisfied in full by Canco by delivering to such holder one Company Share, plus an amount equal to the Dividend Amount. The Company and Callco each have an overriding right to purchase from all holders all but not less than all of the Exchangeable Shares upon the occurrence of such events.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In addition, the Company and Callco have the right to purchase all outstanding Exchangeable Shares at the Exchangeable Share Purchase Price if there is a change of law that permits holders of Exchangeable Shares to exchange their Exchangeable Shares for shares of common stock on a basis that will not require holders to recognize any gain or loss or any actual or deemed dividend for Canadian tax purposes.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The holders of Exchangeable Shares have an “automatic exchange right” in the event of any insolvency, liquidation, dissolution or winding-up or in general, related proceedings, of the Company for an amount per share equal to the Exchangeable Share Purchase Price.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">It is expected that Callco will exercise its call rights, as that is more beneficial to the holders of the Exchangeable Shares. Once Callco acquires the Exchangeable Shares from a holder, it (Callco and the Company) is obligated to deliver the Company shares to the holder. Callco discharges this obligation by arranging for the Company to issue and deliver those shares to the holders on behalf of Callco. As consideration for satisfying the delivery obligation, Callco would issue its own shares to the Company.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">There are no cash redemption features, as all redemption and exchange scenarios are payable in a share of the Company’s common stock. Neither Canco, Callco, or the Company assume any tax liabilities of a former Peraso Tech shareholder who acquired Exchangeable Shares under the plan of arrangement. The purchase price computed upon the exercise of rights pertaining to retraction, redemption, or liquidation, or otherwise giving rise to a purchase or cancellation of an Exchangeable Share, will, in all cases, consist of a 1:1 exchange involving the Company’s common stock, regardless of the market price of a share of the Company’s common stock.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In connection with the Arrangement, on December 15, 2021, the Company filed the Certificate of Designation of Series A Special Voting Preferred Stock (the Certificate) with the Secretary of State of the State of Delaware to designate Series A Special Voting Preferred Stock (the Special Voting Share) in accordance with the terms of the Arrangement Agreement in order to enable the holders of Exchangeable Shares to exercise their voting rights. The Special Voting Share was issued to a third-party administrative agent (the Agent) solely to facilitate the exercise of rights by holders of Exchangeable Shares. The rights of the Agent, as holder of the Special Voting Share, are limited to effecting the rights of the holders of the Exchangeable Shares; the Special Voting Share does not confer any independent rights to the Agent. Under the Certificate, when all of the Exchangeable Shares have been converted into shares of the Company’s common stock, the Special Voting Share shall be automatically cancelled and shall not be reissued. Each Exchangeable Share is exchangeable for one share of common stock of the Company and while outstanding, the Special Voting Share enables holders of Exchangeable Shares to cast votes on matters for which holders of the common stock are entitled to vote, and by virtue of the share terms relating to the Exchangeable Shares, enable the Exchangeable Shares to receive dividends that are economically equivalent to any dividends declared with respect to the shares of common stock. As the Special Voting Share does not participate in dividends (only the Exchangeable Shares participate in dividends) and is not entitled to participate in the residual interest of the Company, it is not classified as an equity instrument in the Company’s financial statements.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Exchangeable Shares, which can be converted into common stock at the option of the holder and have the same voting and dividend rights as common stock, are similar in substance to shares of common stock. Further, Canco and Callco are non-substantive entities, which are looked through with the Exchangeable Shares being, in substance, common stock of the Company. Therefore, the Exchangeable Shares have been included in the determination of outstanding common stock. The Special Voting Share was issued to a third-party administrative agent (the Agent) solely to facilitate the exercise of rights by holders of Exchangeable Shares. The rights of the Agent, as holder of the Special Voting Share, are limited to effecting the rights of the holders of the Exchangeable Shares; the Special Voting Share does not confer any independent rights to the Agent. Under the Certificate, when all of the Exchangeable Shares have been converted into shares of the Company’s common stock, the Special Voting Share shall be automatically cancelled and shall not be reissued.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>February 2024 Public Offering</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On February 6, 2024, the Company entered into an underwriting agreement (the Underwriting Agreement) with Ladenburg Thalmann & Co. Inc., as the sole underwriter (the Underwriter), relating to the issuance and sale in a public offering (the Offering) of: (i) 480,000 shares of common stock, (ii) pre-funded warrants to purchase up to 1,424,760 shares of common stock, (iii) Series A warrants to purchase up to 3,809,520 shares of common stock, (iv) Series B warrants to purchase up to 3,809,520 shares of common stock, and (v) up to 285,714 additional shares of common stock, Series A warrants to purchase up to 571,428 shares of common stock and Series B warrants to purchase up to 571,428 shares of common stock that may be purchased pursuant to a 45-day option to purchase additional securities granted to the Underwriter by the Company. The Underwriter partially exercised this option on February 7, 2024 for 82,500 shares of common stock, Series A warrants to purchase up to 165,000 shares of common stock and Series B warrants to purchase up to 165,000 shares of common stock. The combined public offering price of each share of common stock, together with the accompanying Series A warrants and Series B warrants, was $2.10, less underwriting discounts and commissions. The combined public offering price of each pre-funded warrant, together with the accompanying Series A warrants and Series B

warrants, was $2.099, less underwriting discounts and commissions.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Offering, including the additional shares of common stock, Series A warrants and Series B warrants sold pursuant to the partial exercise of the Underwriter's option, closed on February 8, 2024.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The net proceeds from the Offering, including the additional shares of common stock, Series A warrants and Series B warrants sold pursuant to the partial exercise of the Underwriter's option, after deducting underwriting discounts and commissions and other estimated Offering expenses payable by the Company and excluding any proceeds from the exercise of the Series A warrants, Series B warrants and pre-funded warrants, were approximately $3.4 million. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Series A warrants and Series B warrants each have an exercise price of $2.25 per share and were immediately exercisable upon issuance. The Series A warrants expire on February 8, 2029 and the Series B warrants expire on August 8, 2024. The pre-funded warrants have an exercise price of $0.001 per share, were exercisable immediately and may be exercised at any time until all of the pre-funded warrants are exercised in full. The exercise price and number of shares of common stock issuable upon exercise of the warrants is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting the common stock and the exercise price. Subject to limited exceptions, a holder may not exercise any portion of its warrants to the extent that the holder would beneficially own more than 9.99% or 4.99% (at the election of the holder) of the Company's outstanding common stock after exercise. </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On February 8, 2024, pursuant to the Underwriting Agreement, the Company issued Series A warrants to the Underwriter to purchase up to 139,108 shares of common stock at an exercise price of $2.625, subject to adjustments, which are exercisable at any time and from time to time, in whole or in part, until February 8, 2029.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"><i>June 2024 Private Sale</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On June 11, 2024, the Company entered into a Stock Purchase Agreement (the Purchase Agreement) with a member of the Company's board of directors, pursuant to which the Company sold and the board member purchased 100,000 shares (the Shares) of common stock at a price per share of $1.27. The Shares sold pursuant to the Purchase Agreement were issued as restricted securities as defined in Rule 144 of the Securities Act of 1933, as amended.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"><i>Warrants Classified as Equity</i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">As of June 30, 2024, the Company had the following equity-classified common stock purchase warrants outstanding (share amounts in thousands): </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Number of
 Shares</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Exercise Price</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Expiration</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 60%">Balance as of December 31, 2023</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">7</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">28.00</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 15%; text-align: center">June 28, 2023</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Pre-funded warrants issued</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">1,425</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">0.001</td><td style="text-align: left"> </td> <td> </td> <td style="text-align: center">—</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Pre-funded warrants exercised</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">(1,001</td> <td style="text-align: left">)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">0.001</td><td style="text-align: left"> </td><td> </td> <td style="text-align: center">—</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Series A warrants issued</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">3,974</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">2.250</td><td style="text-align: left"> </td><td> </td> <td style="text-align: center">February 8, 2029</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Series A warrants issued</td><td> </td> <td style="text-align: left"> </td> <td style="text-align: right">139</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">2.625</td><td style="text-align: left"> </td><td> </td> <td style="text-align: center">February 8, 2029</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">Series B warrants issued</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">3,974</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">2.250</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="text-align: center; padding-bottom: 1.5pt">August 8, 2024</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td>Balance as of March 31, 2024</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">8,518</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"> </td><td style="text-align: left"> </td><td> </td> <td> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">Pre-funded warrants exercised</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(307</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">0.001</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="text-align: center; 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text-indent: 0.5in">During the three months ended June 30, 2024, holders exercised warrants for an aggregate of 307,460 shares of common stock at an exercise price of $0.001 per share for aggregate proceeds of approximately $307. During the three months ended March 31, 2024, holders exercised warrants for an aggregate of 674,920 shares of common stock at an exercise price of $0.001 per share for aggregate proceeds of approximately $675. Also, during the three months ended March 31, 2024, holders exercised warrants for an aggregate of 326,190 shares of common stock at an exercise price of $0.001 per share on a cashless basis and surrendered 127 shares of common stock as payment of the aggregate exercise price.</p> 32822 12564 342.8 0.10 0.50 480000 1424760 3809520 3809520 285714 571428 571428 82500 165000 165000 2.1 2.099 3400000 2.25 0.001 0.0999 0.0499 139108 2.625 100000 1.27 As of June 30, 2024, the Company had the following equity-classified common stock purchase warrants outstanding (share amounts in thousands):<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Number of
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padding-bottom: 1.5pt">August 8, 2024</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td>Balance as of March 31, 2024</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">8,518</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"> </td><td style="text-align: left"> </td><td> </td> <td> </td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left; padding-bottom: 1.5pt">Pre-funded warrants exercised</td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">(307</td><td style="padding-bottom: 1.5pt; text-align: left">)</td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align: right">0.001</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="text-align: center; padding-bottom: 1.5pt"> —</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt">Balance as of June 30, 2024</td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">8,211</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt; text-align: right"><div style="-sec-ix-hidden: hidden-fact-236"> </div></td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt"><div style="-sec-ix-hidden: hidden-fact-237"> </div></td></tr> </table> 7 28 2023-06-28 1425 0.001 -1001 0.001 3974 2.25 February 8, 2029 139 2.625 February 8, 2029 3974 2.25 August 8, 2024 8518 -307 0.001 8211 307460 0.001 307000 674920 0.001 675000 326190 0.001 127 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 9. Warrants Classified as Liabilities</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"><i> </i></p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">In November 2022 and June 2023, the Company completed registered direct offerings and sold shares of its common stock and common stock purchase warrants (the "Purchase Warrants"). The securities purchase agreements governing the Purchase Warrants provide for a value calculation for such warrants using the Black Scholes model in the event of certain fundamental transactions. The fair value calculation provides for a floor on the volatility amount utilized in the value calculation at 100% or greater. The Company has determined this provision introduces leverage to the holders of the Purchase Warrants that could result in a value that would be greater than the settlement amount of a fixed-for-fixed option on the Company's own equity shares. Therefore, pursuant to ASC 815, the Company has classified the Purchase Warrants as liabilities in its condensed consolidated balance sheets. The classification of the Purchase Warrants, including whether the Purchase Warrants should be recorded as liabilities or as equity, is evaluated at the end of each reporting period with changes in the fair value reported in other income (expense) in the consolidated statements of operations and comprehensive loss.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent:

0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in; ">As of June 30, 2024 and December 31, 2023, the
Company had the following liability-classified warrants outstanding (amounts in thousands):</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-
align: center"> </p> <table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-
align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-
align: center">Number of
 Shares</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td
colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Exercise Price</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td>
<td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Expiration Date</td></tr> <tr
style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 60%">Warrants issued - November 2022</td><td style="width: 1%"> </td> <td
style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">92</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td
style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">40.00</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td
style="width: 15%; text-align: center">May 28, 2028</td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 1.5pt">Warrants issued - June 2023</td><td
style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align:
right">143</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align:
left">$</td><td style="padding-bottom: 1.5pt; text-align: right">28.00</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom:
1.5pt"> </td> <td style="text-align: center; padding-bottom: 1.5pt">June 2, 2028</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td
style="padding-bottom: 2.5pt"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-
bottom: Black 4pt double; text-align: right">235</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-
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<td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align:
center">Number of
 Shares</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td
colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Fair Value</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr>
<tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="width: 76%">Balance as of December 31, 2023</td><td style="width: 1%"> </td> <td
style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">235</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td
style="width: 1%; text-align: left">$</td><td style="width: 9%; text-align: right">1,748</td><td style="width: 1%; text-align: left"> </td></tr> <tr style="vertical-align:
bottom; "> <td style="padding-left: 0.125in; text-align: left; padding-bottom: 1.5pt">Change in fair value of warrants</td><td style="padding-bottom: 1.5pt"> </td> <td
style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right"><div style="-sec-ix-hidden: hidden-fact-238">—
</div></td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; text-align:
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style="border-bottom: Black 4pt double; text-align: right">103</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> <p style="font: 10pt Times New
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style="text-align: left">Expected dividend yield</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-240">
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</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Fair value of
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</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">653</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td>
<td style="text-align: right">1,095</td><td style="text-align: left"> </td></tr> </table> 1 As of June 30, 2024 and December 31, 2023, the Company had the following
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bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Fair Value</td><td style="padding-
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left">$</td><td style="border-bottom: Black 4pt double; text-align: right">103</td><td style="padding-bottom: 2.5pt; text-align: left"> </td></tr> </table> As of June 30,
2024 and December 31, 2023, the Company had the following liability-classified warrants outstanding (amounts in thousands):<table cellpadding="0" cellspacing="0"
style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold;
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 Shares</td><td
style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid;
font-weight: bold; text-align: center">Exercise Price</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td><td style="font-weight: bold; padding-bottom:
1.5pt"> </td> <td style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">Expiration Date</td></tr> <tr style="vertical-align: bottom; background-
color: rgb(204,238,255)"> <td style="width: 60%">Warrants issued - November 2022</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td
style="width: 9%; text-align: right">92</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left">$</td><td
style="width: 9%; text-align: right">40.00</td><td style="width: 1%; text-align: left"> </td><td style="width: 1%"> </td> <td style="width: 15%; text-align: center">May 28,
2028</td></tr> <tr style="vertical-align: bottom; "> <td style="padding-bottom: 1.5pt">Warrants issued - June 2023</td><td style="padding-bottom: 1.5pt"> </td> <td
style="border-bottom: Black 1.5pt solid; text-align: left"> </td><td style="border-bottom: Black 1.5pt solid; text-align: right">143</td><td style="padding-bottom: 1.5pt;
text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt; text-align: left">$</td><td style="padding-bottom: 1.5pt; text-align:
right">28.00</td><td style="padding-bottom: 1.5pt; text-align: left"> </td><td style="padding-bottom: 1.5pt"> </td> <td style="text-align: center; padding-bottom:

1.5pt">June 2, 2028</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="padding-bottom: 2.5pt"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: Black 4pt double; text-align: left"> </td><td style="border-bottom: Black 4pt double; text-align: right">235</td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt; text-align: right"> </td><td style="padding-bottom: 2.5pt; text-align: left"> </td><td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt"> </td></tr> </table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: center"> </p> 92 40 2028-05-28 143 28 2028-06-02 235 235 1748000 -1591000 235 157000 -54000 235 103000 The fair value of the Purchase Warrants at June 30, 2024 was determined using the Black Scholes model with the assumptions in the following table.<table cellpadding="0" cellspacing="0" style="font: 10pt Times New Roman, Times, Serif; border-collapse: collapse; width: 100%"> <tr style="vertical-align: bottom"> <td> </td><td style="font-weight: bold; padding-bottom: 1.5pt"> </td> <td colspan="2" style="border-bottom: Black 1.5pt solid; font-weight: bold; text-align: center">2022
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 Purchase
 Warrant</td><td style="padding-bottom: 1.5pt; font-weight: bold"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Expected term based on contractual term</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">4.4 years</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">4.4 years</td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; "> <td style="width: 76%; text-align: left">Interest rate (risk-free rate)</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">3.84</td><td style="width: 1%; text-align: left">%</td><td style="width: 1%"> </td> <td style="width: 1%; text-align: left"> </td><td style="width: 9%; text-align: right">3.84</td><td style="width: 1%; text-align: left">%</td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Expected volatility</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">116</td><td style="text-align: left">%</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right">116</td><td style="text-align: left">%</td></tr> <tr style="vertical-align: bottom; "> <td style="text-align: left">Expected dividend yield</td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-242">—</div></td><td style="text-align: left"> </td><td> </td> <td style="text-align: left"> </td><td style="text-align: right"><div style="-sec-ix-hidden: hidden-fact-243">—</div></td><td style="text-align: left"> </td></tr> <tr style="vertical-align: bottom; background-color: rgb(204,238,255)"> <td style="text-align: left">Fair value of warrants (in thousands)</td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">653</td><td style="text-align: left"> </td><td> </td> <td style="text-align: left">$</td><td style="text-align: right">1,095</td><td style="text-align: left"> </td></tr> </table> 3.9 3.9 4.37 4.37 118 118 37 66 4.4 4.4 3.84 3.84 116 116 653 1095 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 10. Related Party Transactions</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">A family member of one of the Company’s executive officers is an employee of the Company. The Company recorded compensation expense of approximately $27,800 and $55,300 for the employed family member during the three and six months ended June 30, 2024, respectively.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">See Note 8 for a discussion of the Company’s sale of common stock to a member of the Company’s board of directors in June 2024.</p> 27800 55300 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> Note 11. License and Asset Sale Transaction</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On August 5, 2022, the Company entered into a Technology License and Patent Assignment Agreement (the Intel Agreement) with Intel Corporation (Intel), pursuant to which Intel: (i) licensed from the Company, on an exclusive basis, certain software and technology assets related to the Company’s Stellar packet classification intellectual property, including its graph memory engine technology, and any roadmap variant, in the form existing as of the date of the Intel Agreement (the Licensed Technology); (ii) acquired from the Company certain patent applications and patents owned by the Company; and (iii) assumed a professional services agreement, dated March 24, 2020, between Fabulous Inventions AB (Fabulous) and the Company, pursuant to which, among other things, the Company licensed from Fabulous certain technology incorporated into the Licensed Technology.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">As consideration for the Company to enter into the Intel Agreement, Intel agreed to pay the Company $3,062,500 at the closing of the transaction (the Closing) and $437,500 (the Holdback) upon the satisfaction by the Company, as mutually agreed upon by the parties in good faith, of certain release criteria set forth in the Intel Agreement relating to various due diligence activities of Intel regarding the Licensed Technology.</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">The Company determined that the license and asset sale did not qualify as a sale of a business, but as a sale of a non-financial asset, with the resultant gain recorded as income from operations in accordance with ASC 610-20, <i>Other Income - Gains and Losses from the Derecognition of Nonfinancial Assets</i>. During the year ended December 31, 2022, the Company recognized a $2.6 million gain on this transaction, net of transaction costs. In 2023, Intel paid the Holdback, and the Company recognized a $0.4 million gain, net of transaction costs, which was recorded as a reduction of operating expenses in the condensed consolidated statements of operations and comprehensive loss.</p> 3062500 437500 2600000 400000 400000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0">Note 12. Memory IC Product End-of-Life</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-indent: 0.25in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">Taiwan Semiconductor Manufacturing Corporation (TSMC) is the sole foundry that manufactures the wafers used to produce the Company’s memory IC products. TSMC has informed the Company that TSMC is discontinuing the foundry process used to produce wafers, in turn, necessary to manufacture the Company’s memory ICs. As a result, in May 2023, the Company informed its customers that the Company would be initiating an end-of-life (EOL) of its memory IC products. As of June 30, 2024, the Company had a non-cancelable purchase order backlog for its memory IC products of approximately $9.1 million. The Company expects to fulfill this backlog and complete final shipments of its memory IC products by March 31, 2025.</p> 9100000 <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify">Note 13. Subsequent Events</p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in"> </p> <p style="font: 10pt Times New Roman, Times, Serif; margin: 0pt 0; text-align: justify; text-indent: 0.5in">On August 6, 2024, the Company extended the expiration date of the Series B warrants issued in the Offering (the “Series B Warrants”) to 5:00 p.m. (New York City time) on October 7, 2024, by entering into an amendment to the Warrant Agency Agreement dated as of February 8, 2024 by and between the Company and the warrant agent, Equiniti Trust Company, LLC. The Series B Warrants would otherwise have expired on August 8, 2024. See Note 8 for additional information about the Series B Warrants and the Offering.</p> false false false false false false Unlimited Unlimited -12.26 -1.88 -2.75 -6.68 2345000 2358000 590000 612000 http://www.PRSO.com/20240630#RightofuseLeaseAssetshttp://www.PRSO.com/20240630#RightofuseLeaseAssetshttp://www.PRSO.com/20240630#LeaseLiabilitieshttp://www.PF false--12-31Q20000890394 Amounts are included in cash and cash equivalents on the condensed consolidated balance sheets. Represents less than 10% ''

CP\E14RP& MG2$.@Z[./?=:F?8B"\[Z-;B2>D7=@H_,M;R*Y6:16W!I/N_D$]Q3'=K!G'^# M&FZL?W;^';'#D&/[FX[N?G41_>[R>HY;A>O\EQO=_=3IV)TX>#VG%=V=UN-:@=H:-*
M^9EONQDI>S,P%"MBB[6QO2U%Z"TS*XD[;0,,[@QG3L)O5)];2$_K1(EOPJW, M/"]TO9)I/M7]U_R-Q?ZSX7S%NQ; "-SK_ZXJW.3WZ5M'@"^!F2PDVD>[5W9 MVO6F#*GUP:
]WZBC7>NTOMS-@%EAV-'IS'?MS>KY4_(S2_V74M + U_AW^5\/A"7!T]90@9W70M'3'0UP%=J=N+ M'>HV+=AOX?^/Z!'XQUA_@VO=B,=H35SBLJW_R/J]_F0"$V'^PG81PS58]&;U
M .? 1R:TJL\6INT&^#TVF[%IJ.,KGNZMPB"$!ZBW%-^V^63Z5J _^"8Y#Y> M#=H;/(I;0B?:G!0X'U),-I65EQ% M"U!$SCW'PGQM<[GTO4=@A$)63(0$38F*-]&?
B>TC]_79$JB3;>"F)!>B%W1S M%JJ%;0W)U 2P7-V3LL27;PEAEGR>3,B@K?\1R9L(%"T]Q\)-9 -U2EJXJ /1 M!7XPEW9H.H2BP7?0[7VXY,^>_WD5
DY_"8(5'B4R>SN*U1O0.TF[U\"NS8/A MNMM,YT_K3\P'HP66L$W'>4: T!0>];5/>NK]2O$.>XYESALXB7V+JY'H]9PM!YX%R!H'[F"XH#?S:1,_!&U M5N1,@,;
(.@033+".2!,%WF,B9P@0=>=>"V/2M 9L$1&+GFOIWI,K$#0.@B,6 M8A20U' _]$C,"P]8!X2Y%/"Q";(FW(".!11I7>]$)3^*<,>E5ML_NYDG(7 MY@"]M5;^$RB:< ^U@>M39']\HP:X24
,+JYGB$;/S/2#M+K/927["U X;F MS92P)QOG,OB1MD"]?T\I$0YPN! -)^"=PD2:F;:/=/(W"W5@]:M(F@J^! BF M6E+TH;:^3^8R'WEY2PK2+$[X9,.=/0*6Z,!O?-L%UC@.< M3.)(>#&
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<;-@A&3!MNLP-&#>*2?DMWD[!H.M*B0>I# :3ZG])W"1(.52X0\IXF=85(M5$5KM?5/F)>F+-0"WBGYNT5?PI]8#!)\0GFVI'ZR-.6;K-.(O1P;.LCVN,SN)S_Y_4K:7D7U/7U>D84MVV
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O?!_&&QIZCVX>#+B&%QV!\5N$=,TVNMY&EFWF+PV@+YF!QA-XH0)#]PC MMY9;0?[,.#Z1Q0/Z&\\(Q#_!S^@\Y[=+'L@$[+?I[T3,!?7WO<&9]].?/5_\ M"I]+:OB&
<7'=:0_7[!E2N;D=6Q=SZS6$(?3PQ!D>LS+,K=^0L_3Q+.M=<0HP MMVP'=UDNITGFI6_B9]9XH/$Y/(N8-!(MA:MQ%^Z1?7Z!UB#I5C=H/B= M9E\B29SC\+S>2?"\
(4)XM(7G@3Y/X0\W+4V$W:B!X1:;?X)F!*WH1"N9JD!$ M).UC*:M[T?\3B3JWL=S5O\?H27]\^8:].PE8@W.6,-1J="6?TQ8PW&J'BL M04_&&K0RL8;8C5_9;:^GW?
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S<.NHRBS#E.IR^78M<'N01@F)TJ-:<.-E MM#K8K3YZY\5.HLF"M!9O8WQO2)^%DO=2Z]L':Y[PE_#Z-*9G0MT'Y(F6I;M7 MG,CUW7!?W8N]O1LI:9O;?
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M1,Z.A=$11/+CL^<3G1]Z=HC@U',]TE@06J=4*XC#9E[:*L!@;-;5X>AJ8]3N5!Q?75<6RD. M<%5TA75Y#Y'U#Y@Y'UZ^R/R_.^Y:\Z;')P8ER?9I1]XE1%B V=%R/R3 Z8P >.L
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U9]$[*K53ZUGHYM[;!6BVZ^Y.# MW!Y4G[K486"=,V9CK7[P)H++L@C!Z#TYO+(PG=]6?V:"W]KS9HI\.8.$K&8 M95.+%KO-E@G$,Y%HM-V/&!;T,8>-5BUI[=!HA%%
[F#\>82=*WX\:EO)!_6[Z MT[ET0/6/]T9-3MBQ-"KD6#]6HM$\N%?V$F%OZ%W&!EY;M\CJZD'M3/4UQ-[)^Z=3(X]0,,S^Z2 \J;;N>ENDOZ&%YJK!)0F!Q& MIT[/X[.[I#%&?
_%;R_.ZG]TEE=EH]PE_>[97;+]*E^HNZ2/P>$!L,1\,[E! MI]D)-6S(X6B6=*8E<_KQ#&;OQGS[P#,M;@?Y2D?UL6]B8'5NA]^VQ?37]WL5U M/S^]E7E?NXN;\W4?VD74!\.Z5]XWN_=
[+OS!7'F3\>8.U_D"O%!]C,$8@_;D MO&PI=-U-F09UJA6#<<,(J@_[[N9\,+PO98/EOQL$]6&%]TX92/DQ-IWX!U"A@;Z5\V27(F?=\'Z%8U,!CI\J_ MW>_XM,L
3Z2FZ%@E82<"GI=-6WG/9Q21?Z*(MK.?,AQKY#(3FN5>B"]3L*W N]BEG*? 9>%]@TI0.-FTF;R#FHFT $.,6\/JB9L'2758H-*].'% MA&B;F"=BZXB!,FLLEQCT"W"-5Y7 +*I/$F),]?-
D(R+ZT&O/3AZ[K9BE&XR M'5Y[CO:^[(%!KY]T#@%8M),8MV7U8*5E2 M:\GNGWI.:TE=?&5-])$A?S6V\' &M[!]+,#74B*I)"ZA17K%D2 MO:[IY6C66^%.V32* 8@ IW,X]HRI2^Z_?
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M;MUF0)WGXBZX9L+\-[!CF[FS'2=0G.^TX9#[IS?=@-[NDUC MO>4W=27>9%14&.-?,*RX/5>A6W?->R$G_;J+_C<<;,[_92_L[V+\-T-^P\[% M=2=KOH9^I>^I=7_:
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G]%>14G2A[DH;0"%M*=\;M;OE$*+WBP[$KY\6E]_=2AJA M-VI/]5AG7M!LLVJ$-=R=47M28T_Y8!'1'^&BKL=^!"+V\LZLX%%C/L[16PH2,NS M56J?MW4,6V74WSGJ8^PP6]"!
!CL;*RM%RZ>2-&JT6V8@-[=#!L-F]&)?:=R MU1(?*V^&<9IFV'H1FIWQV7-L&;<[-X*D8V]N0:G:8:-]]N$_\SC&VV$H:NM M 6T)SIS@\$;8&+L[&N-
V=]2L^]^\HO98'E$7]@$,TJ:8(4;-VQIVY#Q&_PT M=G/@>SAD9I1-X;_[Z&]X91^T@F>]T5=X;LC MZFL!OU4Z:,R9CDP_F G9XLWH=XAX^'? 7LOFI?
@!H]$RX5RGMAA,5_K6Z#+)AEFR%SGK$;A^?CE]: H/%MN>@[(I#!0\S&KCJZ MRY[@5;&Z:&<%6X.-+F"3 2*3W"I*3=-]UN$C\8/8M==KZ4]S&[:..V8]AL[4 M9S5E$6+2HW=!\D-

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J8W88KJ:Q :) M,\"E=!-HU=-],S1UT$?M0)_YWH+>C#$&0!K8@**\RXT/) W[L_3[9ST;?27F M!JO[_X7#R*UXLQGP,DV\)E$5Z1+_"XPO0-* +4VGH)C1[,TGX Q)/&_K=RL@ MCB0$
)J.H]\SV)O#4*M.?)L8!7T;V*MI+UKZ:@G\>1,+9J;OV#1/YZW^QKRD MURT$0Y)[SVP_".&/+L#"#\0@L35V1RBZD1OV@5DQG]%6'CT'E"#]2:CNNLEU M=][8*!(/*K)(R!D=/?1-
XL&6^1P0T&RZ6>J1B._V.G2);+I"U$H^#G<.7 WA M%FIY'N=^!9/'I)Y(N'.R0W:;-#ONH;LQ,]<.C\OI*GG[%@IP0G<2 02Z8.G8 M88#BPR/1$]@+VS%]! S88K1>\$Y_60N_MO'$6RK
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K@E//:3XT; T(12C,"SB%A1:JA?8MQP%.L/#KQ9+; MET"U+)26%?QDDW1SA2N)6*TI5': *=?+T0FP@IT_>K8EE7/30LT?@$$?C/1I MNEHR\[@J$B!36D>BA?D,_!4QF-
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VH(N_<<9,5PBVXB/ZS83X]5Q6 EIX'>0'7M^T)AF+Q6%JPDZ" MN81HXKX4* -*F-.IO]H 9'TSD#GPI'<-7^:L3J/]$) HIJ 5BH)@2(8U<8*_6"3@< ]L#R6
MT@(203SB+EO\%_<]%8]T%/-F4FQ@/20 2APZ',"FCMR95X;BSP0>P))^S'[F MI(]?(O=AY'QWY73W3#B(2))/*7UJ."[R7OK$)X'KT+M"YPC!CDC'TMZ 5FB# MC-%BA0L4QC!.UHNL=
M7X17 /6!V4D/JE2!I<^0:T3P$ M"KJJ EANLG#"0O$DQ+]7 HW!+HG?;MT-[ MS=<*;!/4Y=!YYE^(?WIRR9>*O)NS,A%YY=#QQ7MP4 V/U4\WR1GN2,=0Z_ L=!CCL$;'D^:PF9\)NSV*?
-#H@%2 MSXFW!&VM#D5"KZI(:+4H$GI%14(KJTB\'JGZ1=5]Q#6IH1--"9T@"F!\!5.W MP):-\P[F6XT%/64LD)#F-KSM1@$/F4Z0I;
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M@L^X0UX)'(%,]AY<]%PCU"A$ @MC;I(NLFW$!#)4:E/N5]Q"Y#M'7RS %;3> M5^4Q_9$TT[*2]J0P%VX$%CW5G!>D67_P6],7"-J,JB083$)IR/2'/Q
ML#ZD^D3HS!2D":\O0)2)^.W4CN&<"BUG1FAO479*_Q8/M@5K3TLT%,$/J4G; M%#>-7&,*'ESBKKQ[.+\,Y DE.($L0<2LXMVVY68P11S^_D#;B5=#S\+]LW"B
M(+]%C%,7A=7(P<,3I:*O D_)_!Y9<_<,-/D9MTOPXVW])A4/Y+R2U/QG$5*2 MOO)G96N1JY 'A?E&*&ONR4U]7F:+'13ECIOX_X-$&Y*[ZW%#//:Y:C-&.1<< ML0G/8U\IGUHI.%T
*J;IVQYW:$H?!"5O%O89M.%P/(%>&*(B%*NED,F$"UQP MN8;"R;%!)W4B7TY^/L(\(BHKVW(B;Q]^<>F8W,T3>P>Y)R92-'A("DL0*)(; M&5T1AX"WA5=PR?
TZPN,21R=;"E#)AY<0!#*SDQ(8'KB#"F.>E*<1[X/<.2Y. MRS0CWY2;<;H6*0T4),'KA/O&RR6J"KA4TKMON_&]9B93IFY/H]O#8SR8OD4& MJKCM"G&[UR1MUJ/GZ2H6C$7&.=
<#68:3$/*VPP2[QVXF.,.6)^-^9#C4-D(+ MW"RYE,J]V636J^6V"3_4FB'#L;# M$LD?&%C\R3<4W]F$UYM>NR2PVGQM%>;*"YHP5&$=VT(#4<8R4]A$IH98"HX? M!#8YVTWRE#-
R*J%]&_HKR7ZS2&EFNT .%$Y%'K>('-.O0_9O2(,0P0P-TP;O M69HY):F'N[&\I5KZ)7@Z7G;D):/$9R&\>+V*^:BMMF1*1AS_X!:&>Q7%2A\%U=O1<;F8\;R_29'QO=7#/%:'LDS?
M>T;\2]U<:QL#)$'HDY.Y54 FV.[465D\@$39' PYCQWI4IKJ8DS"X< W:G$+#K[QRPZ]75W.57^_HSN_=7:.]3J?>WU;UC3_5;3(>C^:![ MZ=+L0H4KY -H:.0^?,+4,U:S(^4!2__U
M;Y%C@CM6]-],^/S]RG\ L6PZ*.*X<5U?]QI=;+:T/+GM93*VN(Y?DN?7 MKD]$_M75$G_,@<.P,7 875QW6WW U5%&-]H-RCM! D 1.>DV T++ 425MNWU M F)\<=UKC3N3UL
H!8C'" [O*R#$N#%PF.P$!\I4?;PL=MC)[H<%)9P% 1V9 M'Y ?O.CI)AWLK3]HC;H9#6ID&@FHX9N.60#C]WCX#^@[N9W]Q;]]ZU/1B>QU M>1?E*:,9S:SWS^*Y0#Q8&
4FW8OKP0BYPOH4@DT))WC_U*JO1XK?>*0&\=&ZW!9@E>@'ZU MTBAJ-)]^L=!F.-BFV^R+?BO,JCP4< :E@2.*JKW%/=4*I37A*&9->=N9T14L M#'Q@E+ 0>2DQ-DF42_Z>-
;F2>2$M<@KF=*SJ5>A8E7D)B5ZZT1\CR)?LKCL! MS=MH9Q2"M31*"$B819A%A*EH'!X(4C!/L-5'\D[6K)/DG:RK['D7HM5Z(0FK MI]>X"QGAA70R^IRW]#(W\NL_R
Y^/1$9;O=C5%_:P2T1"(B[%L0RO;!&FS5GJ/0!CUOQ?(MB5*NTM&, **Q8M2)TIKQ6-V!QJ6"J2E D]@G( MX&_689@^PQI@6AE0P=S]#$<+L%M*05S"9W[29D&[W0OQ.4/P:@RW-
/0DLA/EJPVD6ST#@V:32[QLG%;42O6@Q]N#Y#Z9K_\<4_?M2'5KA MK(G\P363-2%@Z,S8+#G:I4@YT$!&L:7HMAJU>,&+H.0F^3[)+\^7V3&8]Z]: MPOQ;8=0K1LF>X>4"<04'[[3
ZSKRNR,8O83WMU^\/T+<%"'&[A\>(,(GVF>Q M3@G#3O?B>I(UY^@7+=\=-#GNUHV+ZW[FUO4W&7WKXRN[W)2:L2E11^A7$EFD MKGPL(7JL[]ZNFPWK[?
JSHY>):*@F,ILR'>HI5;>T&ZK?%#?RL(/S7'N35K=3 MPI4>[B0]^]W=I:<:2MF]4_FPTT=59IBARZCMR;587@3)T16QT%1E(O)Y;DW@ M3X@>\%]*Y7N:>[S7"OP;3::6D)]I]>9%9HG*
[(?_LW*9R+;P[4>]G8 ;.T0V MQ%&Y$!V[V\U(M-"2B1:B4"2J4+U)9EJL__Y2MJ5<,*DY90F*>\_T:= ;YGD M^JET137VHM_'7QB3A:E$/C%8(/-3,V=*-WMN9/B-H<^O=E)I<3 MO"VV\
(8ZW4FOA[FY&IP?;8?7D@Y:-LNS?\[R ME%F>QCG+,P.=BB9O[IAY6=M8/= #I!&E?TA4V,A!>R]Y(EVYB8K3.;-6T6"> MM?M*>XFRAB1LG["XZP>24F9$D_:
F9.FT^MD:3ISDRL3\9@F7DUUI519)5L< M2P$4F5NJO?M&>!L7/%1 SAQO%9A8#O9V?2CVH5!)TS;06PTW>?TKS175L:!" M3"Z>DAJ]WLH;*P'_1@D!*U;3BL(L?>Z1F?
M6Q=3%]=?I<_QUWO_']=")&XSCRY]SKP33G/.7/\YES;O MK:).ZZ_W#_QNCT6T9OW#(&@\N+Q(8%L0R15L0@ M=Q1KGC)XKL>MP%X:6)+.?
MD(C>B)XB.;Q2N3U"M%QF@781SA")FMEX],]._8FX1N 8A-E''X/I?Z"M)@U69\9Z 7Q=47N[T M&DNZ3VLF91A2DMVLP_E;1@2.V^L2]IL@7?3.RJ)W,H6\*"/A41>?\;/(H]AE
MTN>'W2ZO%EEW\&X[4];9B\-LC3%4 UN C:]LG]>S6T+-.ZW.O_O%0Z$O<+\W6MR4J$EZ"P"(!2/GS* F !VNLWG/;ZU6@O MC[+6(ZU'EF*#
[LY$Q<\B$*)4!=BP.\#ZMLEH/26OR2)LL$-P=YV4) 5M@=AF M\AGR-+5\K;56\MFFC")0$D>5%FGZG.HQ1A?7Z?!P-?VQNLQK'F4:1Z',,>5* MG!9=&D>GR\FFG(OCT:51GBZ-
3MUTN9WJ-OK-UC-@D\2XU9-7P>U6E)C+K50, MB7=R3%4E=Z-;5!!O<)H6A5BYFRK\L37F4>#-':[C&#S%,(K*^H->359 ?,,* MV_E3;P?
^!+97,@'^,%I#RN?]N^E/Y]+AW3^6@I!,U#^6)]L @VG<&G37,ROW MIS$4AE_^@T4VDOCSG@5?(<_+24J_[;Z=[J )OAT#S=).?F"F,.]/'$QV-VA M:'I_SB-C6-1YU%B)6-P1-
3BL$SB]88-O."GX$DDP>4 SRG.C/G 0RUO=.ZPB M,]JT4"'5KQ%B=81BU>B61W6C&JIOO[5]?"S[AI2DQNUT,HP_1DF!C0-/F<., ML@[#2?X?
E"*5D0Y\;S21%SGS&=PMN@"I%FE,K%D[V*XVK,J*^0 MG*05#;4&)I:3VM[?4W(__?&6US]NEW]9[&!,BDFK7[P]X*X53$;_Z!5,QB2_ MQIIX@%-K2C0F,/H)#>>JW'FS6Q-
\H%N@^X[.W=ORK,V@U:N@#XS"&K>YD[U*AOT,6 M0=W4,"A #31R%:?B4<\L/GN56BC32&T+*Q)SFN$.*I0M%Z>#SC8ZP-*VC,JV
MC5=*G8$6R@CY&+-3;1F*U(+M795<*^(I7#5RBRV2?HOG!VZKZLFI#RFP5'PI M(Q(\]10)84V$/FGK&RJ%E"WMOU0HU;;]"(/TOGJ//'T\MI@7_48-
!P6I8\UG3"HT\C7=L22G'(=J9L688%DMJLD+ M$_.!+WFAJ5(?&C>1E76E@?X Y_-=*;:BRM/H\D%"8U<6+I+T1]-9,1Q0.UTY MRL34%0BVR*19!7(U[N]XFV+]/8ZOM9BS-
K1XRH=8ZNA_PS+4$ ?;PD(!YRFB M@^/,Q#EY:Q\7FQ,"4Y\Y'@TOHPDVCQX^Y.#0*#&G>(4__B>>OK.^'LB>XEW" MBF6,KW4Q^0Q'^1.__&>TP8)=3-
#X[F;D@_^"O0W@1H&=^AQ<$B?G5!',9PS) MMKX$LX"JH]S0]ZS5%.#GP'WXL#W962XU76<=+:BUS93ZV0 :KYR0M__G(.6S MQ$6S&[DSWN&&Q@VP,'1X6;.X&3YEU?[)K"L
Z17]2XO[#V$:9!8LCJSBM(I,(J&;.I7 "33^^%X[( M8,Y8*!N/BB],HV&9F1]2^P8^S7F_T>P=!7.$JD8C?'!F)6?)B8&U/OZ&0Z9% MP_WP3FB'LM.-:T4M3WU&G8RP%2KI?+RG
1]@%$@Z48B//\])B-H! E" 53'] MC>@!>"E?2L FGL2&7_;68MQRU&9PZ;,YO(TSJG"@?,V-.!K1$P<#;J54B8A/ M* +W=V:B F#=NM^1JZ-(>8\:Y!^N=Q\P_Q$=
<%_.=R7$595=S6WSW'^>SY((2L'[B3"N6X)3^0/-<$RW&U="2"\'RM$"W- MD=)%NI*L$W6ZV16Y16MQ]UF;F\K]2I!93F'N[G=Z+LP]%^;6>O375YBK8WG=
MX:IS_THF3.I721.KZ=6YQJ#?A/!K'VSUB?'""W13L&Y_FLRS1'=>9RKV!KZZS']D9;ZTQP$EEK^40TK 13 LK$_N]9B5' M'3V%+74YS>-R_:*-"!J;U+:5$8Z:P
@'LEE!'8RPIM2Z.A*.&IQ%-Q@W@B=B MP60OORSK^&EB^\BBV_G]O:?$K:?4R_RV?;M+,L*?:6[ XY,'&)4>J9*E^F4. MSOTR9;_,WKE?
9GD"R.^A62[.OF&1/7O8C^Z:A%LMX)SD=U^O@U*N>4 GI=8D M+^5!SH_HJQ/^UG-FE')%4*:8?AF!(.FL& WK:M"WX0,'

'"
```