

REFINITIV

DELTA REPORT

10-Q

CGNX - COGNEX CORP

10-Q - SEPTEMBER 29, 2024 COMPARED TO 10-Q - JUNE 30, 2024

The following comparison report has been automatically generated

TOTAL DELTAS	775
CHANGES	249
DELETIONS	267
ADDITIONS	259

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 10-Q

(Mark One)

- ☒ Quarterly Report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 for the quarterly period ended **June 30, 2024** **September 29, 2024** or
- ☐ Transition Report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 for the transition period from _____ to _____

Commission File Number 001-34218
COGNEX CORPORATION

(Exact name of registrant as specified in its charter)

Massachusetts	04-2713778
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)
One Vision Drive	
Natick, Massachusetts 01760-2059	
(508) 650-3000	
(Address, including zip code, and telephone number, including area code, of principal executive offices)	

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$.002 per share	CGNX	The NASDAQ Stock Market LLC

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act (Check one):

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

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. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes ☐ No ☒

As of **June 30, 2024** **September 29, 2024**, there were **171,500,835** **171,515,279** shares of Common Stock, \$.002 par value per share, of the registrant outstanding.

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PART I: FINANCIAL INFORMATION
ITEM 1: FINANCIAL STATEMENTS

COGNEX CORPORATION
CONSOLIDATED STATEMENTS OF OPERATIONS
(In thousands, except per share amounts)

	Three-months Ended		Six-months Ended	Three-months Ended	Nine-months Ended
	June 30, 2024	July 2, 2023	June 30, 2024	July 2, 2023	
	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	
	(unaudited)		(unaudited)	(unaudited)	(unaudited)
Revenue					
Cost of revenue					
Gross margin					
Research, development, and engineering expenses					
Selling, general, and administrative expenses					
Loss (recovery) from fire (Note 17)					
Operating income					
Foreign currency gain (loss)					
Investment income					
Other income (expense)					
Income before income tax expense					

Income tax expense
Net income
Net income per weighted-average common and common-equivalent share:
Net income per weighted-average common and common-equivalent share:
Net income per weighted-average common and common-equivalent share:
Basic
Diluted
Weighted-average common and common-equivalent shares outstanding:
Weighted-average common and common-equivalent shares outstanding:
Weighted-average common and common-equivalent shares outstanding:
Basic
Diluted
Cash dividends per common share
Cash dividends per common share
Cash dividends per common share

The accompanying notes are an integral part of these consolidated financial statements.

COGNEX CORPORATION
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)
(In thousands)

	Three-months Ended	July 2, June 30, 2024	Six-months Ended	Three-months Ended	Nine-months Ended
	September 29, 2024	October 1, 2023	September 29, 2024	July 2, 2023	October 1, 2023
	(unaudited)		(unaudited)	(unaudited)	(unaudited)
Net income					
Other comprehensive income (loss), net of tax:					
Available-for-sale investments:					
Available-for-sale investments:					
Available-for-sale investments:					
Net unrealized gain (loss), net of tax of \$336 and \$(584) in the three-month periods, and net of tax of \$453 and \$1,274 in the six-month periods, respectively					
Net unrealized gain (loss), net of tax of \$336 and \$(584) in the three-month periods, and net of tax of \$453 and \$1,274 in the six-month periods, respectively					
Net unrealized gain (loss), net of tax of \$336 and \$(584) in the three-month periods, and net of tax of \$453 and \$1,274 in the six-month periods, respectively					
Net unrealized gain (loss), net of tax of \$2,040 and \$707 in the three-month periods, and net of tax of \$2,493 and \$1,981 in the nine-month periods, respectively					
Net unrealized gain (loss), net of tax of \$2,040 and \$707 in the three-month periods, and net of tax of \$2,493 and \$1,981 in the nine-month periods, respectively					
Net unrealized gain (loss), net of tax of \$2,040 and \$707 in the three-month periods, and net of tax of \$2,493 and \$1,981 in the nine-month periods, respectively					
Reclassification of net realized (gain) loss on the sale of available-for-sale investments into current operations					
Reclassification of net realized (gain) loss on the sale of available-for-sale investments into current operations					
Reclassification of net realized (gain) loss on the sale of available-for-sale investments into current operations					
Net change related to available-for-sale investments					
Foreign currency translation adjustments:					
Foreign currency translation adjustments:					
Foreign currency translation adjustments:					
Foreign currency translation adjustments					

Foreign currency translation adjustments
Foreign currency translation adjustments
Net change related to foreign currency translation adjustments
Other comprehensive income (loss), net of tax
Other comprehensive income (loss), net of tax
Other comprehensive income (loss), net of tax
Total comprehensive income (loss)

The accompanying notes are an integral part of these consolidated financial statements.

COGNEX CORPORATION
CONSOLIDATED BALANCE SHEETS
(In thousands)

	June 30, 2024	December 31, 2023
	September 29, 2024	December 31, 2023
	(unaudited)	(unaudited)
ASSETS		
Current assets:		
Current assets:		
Current assets:		
Cash and cash equivalents		
Cash and cash equivalents		
Cash and cash equivalents		
Current investments, amortized cost of \$114,177 and \$132,799 in 2024 and 2023, respectively, allowance for credit losses of \$0 in 2024 and 2023		
Accounts receivable, allowance for credit losses of \$665 and \$583 in 2024 and 2023, respectively		
Current investments, amortized cost of \$91,658 and \$132,799 in 2024 and 2023, respectively, allowance for credit losses of \$0 in 2024 and 2023		
Accounts receivable, allowance for credit losses of \$604 and \$583 in 2024 and 2023, respectively		
Unbilled revenue		
Inventories		
Prepaid expenses and other current assets		
Total current assets		
Non-current investments, amortized cost of \$272,613 and \$250,790 in 2024 and 2023, respectively, allowance for credit losses of \$0 in 2024 and 2023		
Non-current investments, amortized cost of \$318,268 and \$250,790 in 2024 and 2023, respectively, allowance for credit losses of \$0 in 2024 and 2023		
Property, plant, and equipment, net		
Operating lease assets		
Goodwill		
Intangible assets, net		
Deferred income taxes		
Other assets		
Total assets		
LIABILITIES AND SHAREHOLDERS' EQUITY		
LIABILITIES AND SHAREHOLDERS' EQUITY		
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Current liabilities:		
Current liabilities:		
Accounts payable		
Accounts payable		

Accounts payable		
Accrued expenses		
Accrued income taxes		
Deferred revenue and customer deposits		
Operating lease liabilities		
Total current liabilities		
Non-current operating lease liabilities		
Deferred income taxes		
Reserve for income taxes		
Non-current accrued income taxes		
Other liabilities		
Total liabilities		
Commitments and contingencies (Note 10)		
Commitments and contingencies (Note 10)		
Commitments and contingencies (Note 10)		
Shareholders' equity:		
Preferred stock, \$.01 par value – Authorized: 400 shares in 2024 and 2023, respectively; no shares issued and outstanding		
Preferred stock, \$.01 par value – Authorized: 400 shares in 2024 and 2023, respectively; no shares issued and outstanding		
Preferred stock, \$.01 par value – Authorized: 400 shares in 2024 and 2023, respectively; no shares issued and outstanding		
Common stock, \$.002 par value – Authorized: 300,000 shares in 2024 and 2023, respectively; issued and outstanding: 171,501 and 171,599 shares in 2024 and 2023, respectively		
Common stock, \$.002 par value – Authorized: 300,000 shares in 2024 and 2023, respectively; issued and outstanding: 171,515 and 171,599 shares in 2024 and 2023, respectively		
Additional paid-in capital		
Retained earnings		
Accumulated other comprehensive loss, net of tax		
Total shareholders' equity		
Total liabilities and shareholders' equity		

The accompanying notes are an integral part of these consolidated financial statements.

COGNEX CORPORATION
CONSOLIDATED STATEMENTS OF CASH FLOWS
(In thousands)

	Six-months Ended	Nine-months Ended
	June 30, 2024	July 2, 2023
	September 29, 2024	October 1, 2023
	(unaudited)	(unaudited)
Cash flows from operating activities:		
Net income		
Net income		
Net income		
Adjustments to reconcile net income to net cash provided by (used in) operating activities:		
Stock-based compensation expense		
Stock-based compensation expense		
Stock-based compensation expense		
Depreciation of property, plant, and equipment		
(Gain) loss on disposal of property, plant, and equipment		
Amortization of intangible assets		
Excess and obsolete inventory charges		
Fair value adjustment on acquired inventories (Note 18)		
Amortization of discounts or premiums on investments		
Amortization of discounts or premiums on investments		
Amortization of discounts or premiums on investments		

Realized (gain) loss on sale of investments
Change in deferred income taxes
Change in deferred income taxes
Change in deferred income taxes
Change in operating assets and liabilities:
Accounts receivable
Accounts receivable
Accounts receivable
Unbilled revenue
Inventories
Prepaid expenses and other current assets
Prepaid expenses and other current assets
Prepaid expenses and other current assets
Accounts payable
Accrued expenses
Accrued income taxes
Deferred revenue and customer deposits
Other
Net cash provided by (used in) operating activities
Cash flows from investing activities:
Purchases of investments
Purchases of investments
Purchases of investments
Maturities and sales of investments
Purchases of property, plant, and equipment
Net payments related to business acquisitions (Note 18)
Net cash provided by (used in) investing activities
Net cash provided by (used in) investing activities
Net cash provided by (used in) investing activities
Cash flows from financing activities:
Net payments from issuance of common stock under stock plans
Net payments from issuance of common stock under stock plans
Net payments from issuance of common stock under stock plans
Repurchase of common stock
Payment of dividends
Net cash provided by (used in) financing activities
Net cash provided by (used in) financing activities
Net cash provided by (used in) financing activities
Effect of foreign exchange rate changes on cash and cash equivalents
Net change in cash and cash equivalents
Cash and cash equivalents at beginning of period
Cash and cash equivalents at end of period

The accompanying notes are an integral part of these consolidated financial statements.

COGNEX CORPORATION										
CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY										
(In thousands)										
	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
Balance as of March 31, 2024										

Balance as of March 31, 2024
Balance as of March 31, 2024
Balance as of June 30, 2024
Balance as of June 30, 2024
Balance as of June 30, 2024
Net issuance of common stock under stock plans
Repurchase of common stock
Stock-based compensation expense
Payment of dividends (\$0.075 per common share)
Net income
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$336
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$2,040
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$336
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$2,040
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$336
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$2,040
Reclassification of net realized (gain) loss on the sale of available-for-sale investments
Reclassification of net realized (gain) loss on the sale of available-for-sale investments
Reclassification of net realized (gain) loss on the sale of available-for-sale investments
Foreign currency translation adjustment
Balance as of June 30, 2024 (unaudited)
Foreign currency translation adjustment
Foreign currency translation adjustment
Balance as of September 29, 2024 (unaudited)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
Balance as of April 2, 2023										
Balance as of April 2, 2023										
Balance as of April 2, 2023										
Balance as of July 2, 2023										
Balance as of July 2, 2023										
Balance as of July 2, 2023										
Net issuance of common stock under stock plans										
Repurchase of common stock										
Stock-based compensation expense										
Payment of dividends (\$0.070 per common share)										
Net income										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$(584)										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$707										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$(584)										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$707										



Net unrealized gain (loss) on available-for-sale investments, net of tax of \$(584)
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$707
Reclassification of net realized (gain) loss on the sale of available-for-sale investments
Reclassification of net realized (gain) loss on the sale of available-for-sale investments
Reclassification of net realized (gain) loss on the sale of available-for-sale investments
Foreign currency translation adjustment
Foreign currency translation adjustment
Foreign currency translation adjustment
Balance as of July 2, 2023 (unaudited)
Balance as of October 1, 2023 (unaudited)

The accompanying notes are an integral part of these consolidated financial statements.

COGNEX CORPORATION

CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY

(In thousands)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
Balance as of December 31, 2023										
Balance as of December 31, 2023										
Balance as of December 31, 2023										
Net issuance of common stock under stock plans										
Repurchase of common stock										
Stock-based compensation expense										
Payment of dividends (\$0.150 per common share)										
Payment of dividends (\$0.225 per common share)										
Net income										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$453										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$2,493										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$453										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$2,493										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$453										
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$2,493										
Reclassification of net realized (gain) loss on the sale of available-for-sale investments										
Reclassification of net realized (gain) loss on the sale of available-for-sale investments										
Reclassification of net realized (gain) loss on the sale of available-for-sale investments										
Foreign currency translation adjustment										
Balance as of June 30, 2024 (unaudited)										
Balance as of September 29, 2024 (unaudited)										

Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity
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	Capital	Comprehensive Loss	Equity	Capital	Comprehensive Loss	Equity
Balance as of December 31, 2022						
Balance as of December 31, 2022						
Balance as of December 31, 2022						
Net issuance of common stock under stock plans						
Repurchase of common stock						
Stock-based compensation expense						
Payment of dividends (\$0.140 per common share)						
Payment of dividends (\$0.210 per common share)						
Net income						
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$1,274						
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$1,981						
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$1,274						
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$1,981						
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$1,274						
Net unrealized gain (loss) on available-for-sale investments, net of tax of \$1,981						
Reclassification of net realized (gain) loss on the sale of available-for-sale investments						
Reclassification of net realized (gain) loss on the sale of available-for-sale investments						
Reclassification of net realized (gain) loss on the sale of available-for-sale investments						
Foreign currency translation adjustment						
Foreign currency translation adjustment						
Foreign currency translation adjustment						
Balance as of July 2, 2023 (unaudited)						
Balance as of October 1, 2023 (unaudited)						

The accompanying notes are an integral part of these consolidated financial statements.

COGNEX CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 1: Summary of Significant Accounting Policies

As permitted by the rules of the Securities and Exchange Commission applicable to Quarterly Reports on Form 10-Q, these notes are condensed and do not contain all disclosures required by generally accepted accounting principles (GAAP). Reference should be made to the consolidated financial statements and related notes included in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 for a full description of other significant accounting policies.

In the opinion of the management of Cognex Corporation (the "Company"), the accompanying consolidated unaudited financial statements contain all adjustments, consisting of normal, recurring adjustments, adjustments related to losses and recoveries from the fire at the Company's primary contract manufacturer (Note 17), and financial statement reclassifications necessary to present fairly the Company's financial position as of **June 30, 2024** **September 29, 2024**, and the results of its operations for the three-month and **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** and **July 2, 2023** **October 1, 2023**, and changes in shareholders' equity, comprehensive income, and cash flows for the periods presented.

The results disclosed in the Consolidated Statements of Operations for the three-month and **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** are not necessarily indicative of the results to be expected for the full year.

NOTE 2: New Pronouncements

Accounting Standards Update (ASU) 2023-09, "Income Taxes (Topic 740): Improvements to Income Tax Disclosures"

The amendments in this ASU apply to all entities that are subject to Topic 740, Income Taxes. The amendments require public business entities to disclose specific categories in their rate reconciliation and provide additional information for reconciling items that meet a quantitative threshold. They also require all entities to disclose income taxes paid, net of refunds received, disaggregated by federal, state, and foreign taxes and by individual jurisdictions in which income taxes paid, net of refunds received, are equal to or greater than five percent of total income taxes paid. For public business entities, the amendments in this ASU are effective for annual periods beginning after December 15, 2024. The amendments in this ASU should be applied on a prospective basis. Management does not expect ASU 2023-09 to have a material impact on the Company's financial statements and disclosures.

Accounting Standards Update (ASU) 2023-07, "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures"

The amendments in this ASU apply to all public entities, including public entities with a single reportable segment, that are required to report segment information in accordance with Topic 280, Segment Reporting. The amendments require public business entities to provide in interim and annual periods one or more measures of segment profit or loss used by the chief operating decision maker to allocate resources and assess performance. Additionally, the amendments require disclosure of significant segment expenses and other segment items, as well as incremental qualitative disclosures. The amendments in this ASU are effective for fiscal years beginning after December 15, 2023 and interim periods within fiscal years beginning after December 15, 2024. The amendments in the ASU should be applied on a retrospective basis. We did not early adopt ASU 2023-07. Management does not expect ASU 2023-07 to have a material impact on the Company's financial statements and disclosures.

COGNEX CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 3: Fair Value Measurements

Financial Assets and Liabilities that are Measured at Fair Value on a Recurring Basis

The following table summarizes the financial assets and liabilities required to be measured at fair value on a recurring basis as of **June 30, 2024** **September 29, 2024** (in thousands):

	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Unobservable Inputs (Level 3)
Assets:			
Money market instruments	\$ 583,662	\$ —	\$ —
Corporate bonds	—	316,342	349,198
Treasury notes	—	45,042	—
Treasury bills	—	26,394	—
Asset-backed securities	—	15,304	46,372
Certificate of deposit	—	7,601	13,811
Asset-backed securities	—	13,529	—
Treasury bills	—	7,122	—
Sovereign bonds	—	1,975	991
Economic hedge forward contracts	—	57	234
Liabilities:			
Economic hedge forward contracts	—	152	—

The Company's money market instruments are reported at fair value based upon the daily market price for identical assets in active markets, and are therefore classified as Level 1.

The Company's debt securities and forward contracts are reported at fair value based on model-driven valuations in which all significant inputs are observable or can be derived from or corroborated by observable market data for substantially the full term of the asset or liability, and are therefore classified as Level 2. Management is responsible for estimating the fair value of these financial assets and liabilities, and in doing so, considers valuations provided by a large, third-party pricing service. For debt securities, this service maintains regular contact with market makers, brokers, dealers, and analysts to gather information on market movement, direction, trends, and other specific data. They use this information to structure yield curves for various types of debt securities and arrive at the daily valuations. The Company's forward contracts are typically traded or executed in over-the-counter markets with a high degree of pricing transparency. The market participants are generally large commercial banks.

Non-financial Assets that are Measured at Fair Value on a Non-recurring Basis

Non-financial assets, such as property, plant and equipment, operating lease assets, goodwill, and intangible assets, are required to be measured at fair value only when an impairment loss is recognized. The Company did not record impairment charges related to non-financial assets during the three-month or **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** or **July 2, 2023** **October 1, 2023**.

COGNEX CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 4: Cash, Cash Equivalents, and Investments

Cash, cash equivalents, and investments consisted of the following (in thousands):

June 30, 2024	December 31, 2023
September 29, 2024	December 31, 2023

Cash
Cash
Cash
Certificate of deposit
Treasury bills
Certificate of deposit
Money market instruments
Money market instruments
Money market instruments
Cash and cash equivalents
Cash and cash equivalents
Cash and cash equivalents
Corporate bonds
Asset-backed securities
Treasury notes
Sovereign bonds
Current investments
Current investments
Current investments
Corporate bonds
Treasury notes
Asset-backed securities
Sovereign bonds
Sovereign bonds
Sovereign bonds
Non-current investments
Non-current investments
Non-current investments
\$

Corporate bonds consist of debt securities issued by both domestic and foreign companies; asset-backed securities consist of debt securities collateralized by pools of receivables or loans with credit enhancement; treasury notes consist of debt securities issued by the U.S. government; and sovereign bonds consist of direct debt issued by foreign governments. All of the Company's securities as of June 30, 2024 September 29, 2024 and December 31, 2023 were denominated in U.S. Dollars.

Accrued interest receivable is recorded in "Prepaid expenses and other current assets" on the Consolidated Balance Sheets and amounted to \$4,383,000 \$4,749,000 and \$3,169,000 as of June 30, 2024 September 29, 2024 and December 31, 2023, respectively.

The following table summarizes the Company's available-for-sale investments as of June 30, 2024 September 29, 2024 (in thousands):

	Amortized Cost	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Current:									
Corporate bonds									
Corporate bonds									
Corporate bonds									
Asset-backed securities									
Treasury notes									
Treasury notes									
Treasury notes									
Sovereign bonds									
Non-current:									
Non-current:									
Non-current:									
Corporate bonds									

Corporate bonds	
Corporate bonds	
Treasury notes	
Asset-backed securities	
Sovereign bonds	
Sovereign bonds	
Sovereign bonds	
	\$
	\$
	\$

COGNEX CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

The following table summarizes the Company's available-for-sale investments as of December 31, 2023 (in thousands):

	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Current:				
Corporate bonds	\$ 128,150	\$ —	\$ (3,299)	\$ 124,851
Asset-backed securities	3,637	—	(86)	3,551
Sovereign bonds	1,012	—	(22)	990
Non-current:				
Corporate bonds	189,326	506	(5,867)	183,965
Treasury notes	43,654	82	(213)	43,523
Asset-backed securities	16,773	—	(1,010)	15,763
Sovereign bonds	1,037	—	(58)	979
	<u>\$ 383,589</u>	<u>\$ 588</u>	<u>\$ (10,555)</u>	<u>\$ 373,622</u>

The following table summarizes the Company's gross unrealized losses and fair values for available-for-sale investments in an unrealized loss position as of **June 30, 2024** **September 29, 2024** (in thousands):

	Unrealized Loss Position For:				Unrealized Loss Position For:							
	Less than 12 Months		12 Months or Greater		Less than 12 Months		12 Months or Greater		Total		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Corporate bonds												
Asset-backed securities												
Treasury notes												
Treasury notes												
Treasury notes												
Treasury notes												
Asset-backed securities												
Sovereign bonds												
Sovereign bonds												
Sovereign bonds												
	\$											
	\$											

\$

The following table summarizes the Company's gross unrealized losses and fair values for available-for-sale investments in an unrealized loss position as of December 31, 2023 (in thousands):

	Unrealized Loss Position For:					
	Less than 12 Months		12 Months or Greater		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Corporate bonds	\$ 30,770	\$ (359)	\$ 226,643	\$ (8,807)	\$ 257,413	\$ (9,166)
Treasury notes	20,725	(153)	2,441	(60)	23,166	(213)
Asset-backed securities	17,062	(1,049)	2,252	(47)	19,314	(1,096)
Sovereign bonds	—	—	1,968	(80)	1,968	(80)
	<u>\$ 68,557</u>	<u>\$ (1,561)</u>	<u>\$ 233,304</u>	<u>\$ (8,994)</u>	<u>\$ 301,861</u>	<u>\$ (10,555)</u>

Management monitors debt securities that are in an unrealized loss position to determine whether a loss exists related to the credit quality of the issuer. When developing an estimate of expected credit losses, management considers all relevant information including historical experience, current conditions, and reasonable forecasts of expected future cash flows. Based on this evaluation, no allowance for credit losses on debt securities was recorded as of **June 30, 2024** **September 29, 2024** or December 31, 2023. Management currently intends to hold these securities to full value recovery at maturity.

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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

The following table summarizes the Company's gross realized gains and losses on the sale of debt securities for the three-month **and nine-month** periods ended **June 30, 2024** **September 29, 2024** and **July 2, 2023** **October 1, 2023** (in thousands):

	Three-months Ended	Three-months Ended	Six-months Ended	Three-months Ended	Nine-months Ended
	June 30, 2024	July 2, 2023	June 30, 2024	July 2, 2023	
	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	
Gross realized gains					
Gross realized losses					
Net realized gains (losses)					

Realized gains and losses are included in "Investment income" on the Consolidated Statements of Operations. Prior to the sale of these securities, unrealized gains and losses for these debt securities, net of tax, were recorded in shareholders' equity as accumulated other comprehensive income (loss).

The following table presents the effective maturity dates of the Company's available-for-sale investments as of **June 30, 2024** **September 29, 2024** (in thousands):

	<1 year	<1 year	1-2 Years	2-3 Years	3-4 Years	4-5 Years	5-8 Years	Total	<1 year	1-2 Years	2-3 Years	3-4 Years	4-5 Years	5-8 Years	Total
Corporate bonds															
Treasury notes															
Asset-backed securities															
Sovereign bonds															
Sovereign bonds															
Sovereign bonds															

NOTE 5: Inventories

Inventories consisted of the following (in thousands):

	June 30, 2024	December 31, 2023
	September 29, 2024	December 31, 2023
Raw materials		
Work-in-process		

Finished goods	
	\$

NOTE 6: Leases

The Company's leases are primarily leased properties across different worldwide locations where the Company conducts its operations. All of these leases are classified as operating leases. Certain leases may contain options to extend or terminate the lease at the Company's sole discretion. As of **June 30, 2024** **September 29, 2024**, there were no options to terminate and twenty options to extend that were accounted for in the determination of the lease term for the Company's outstanding leases. Certain leases contain leasehold improvement incentives, retirement obligations, escalating clauses, rent holidays, and variable payments tied to a consumer price index. There were no restrictions or covenants for outstanding leases as of **June 30, 2024** **September 29, 2024**.

The total operating lease expense for the three-month and **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** was **\$3,474,000** **\$3,610,000** and **\$7,037,000** **\$10,647,000**, respectively. The total operating lease cash payments for the three-month and **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** were **\$3,406,000** **\$3,516,000** and **\$6,614,000** **\$10,130,000**, respectively. The total lease expense for leases with a term of twelve months or less for which the Company elected not to recognize a lease asset or lease liability for the three-month and **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** was **\$57,000** **\$52,000** and **\$139,000** **\$191,000**, respectively.

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

The total operating lease expense for the three-month and **six-month** **nine-month** periods ended **July 2, 2023** **October 1, 2023** was **\$2,639,000** **\$5,512,000** and **\$5,031,000** **\$8,151,000**, respectively. The total operating lease cash payments for the three-month and **six-month** **nine-month** periods ended **July 2, 2023** **October 1, 2023** were **\$2,364,000** **\$5,168,000** and **\$4,768,000** **\$7,532,000**, respectively. The total lease expense for leases with a term of twelve months or less for which the Company elected not to recognize a lease asset or lease liability for the three-month and **six-month** **nine-month** periods ended **July 2, 2023** **October 1, 2023** was **\$136,000** **\$132,000** and **\$160,000** **\$292,000**, respectively.

Future operating lease cash payments are as follows (in thousands):

Year Ended December 31,	Year Ended December 31,	Amount	Year Ended December 31,	Amount
Remainder of fiscal 2024				
2025				
2026				
2027				
2028				
2029				
Thereafter				
		\$		

The discounted present value of the future lease cash payments resulted in a total lease liability of **\$74,183,000** **\$77,181,000** and **\$78,601,000** as of **June 30, 2024** **September 29, 2024** and December 31, 2023, respectively. The Company did not have any leases that had not yet commenced but that created significant rights and obligations as of **June 30, 2024** **September 29, 2024**.

The Company leases a building in Singapore that serves as a distribution center for customers in Asia. The lease contains two components: an 88,000 square-foot premises that had a commencement date in June of 2023 and a second 27,000 square-foot premises that does not commence until the fourth quarter of 2025. Accordingly, the second component of the lease has not yet been recorded on the Consolidated Balance Sheets, nor has it created any significant rights and obligations as of **June 30, 2024** **September 29, 2024**. This second lease component has an original term of eight years and the Company has the right and option to extend this term by an additional five years, commencing upon the expiration of the original term. Future payment obligations associated with this lease component total **\$13,231,000** **\$13,992,000**, none of which is payable in 2024 and which reflects the estimated extension period of five years. Future payment obligations related to this lease component are not included in the future operating lease cash payments table above.

The weighted-average discount rate was **5.8%** and **5.7%** for the leases outstanding as of **both June 30, 2024** **September 29, 2024** and December 31, 2023, respectively. The weighted-average remaining lease term was **10.2** **10.0** and 10.5 years for the leases outstanding as of **June 30, 2024** **September 29, 2024** and December 31, 2023, respectively.

NOTE 7: Goodwill

The changes in the carrying value of goodwill were as follows (in thousands):

Balance as of December 31, 2023	\$	393,181
Foreign exchange rate changes		(12,139) (1,508)
Balance as of June 30, 2024 September 29, 2024	\$	381,042 391,673

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 8: Intangible Assets

Amortized intangible assets consisted of the following (in thousands):

	Gross Carrying Value	Gross Carrying Value	Accumulated Amortization	Net Carrying Value	Gross Carrying Value	Accumulated Amortization	Net Carrying Value
Customer relationships							
Customer relationships							
Customer relationships							
Completed technologies							
Trademarks							
Non-compete agreements							
Balance as of June 30, 2024							
Balance as of September 29, 2024							

	Gross Carrying Value	Accumulated Amortization	Net Carrying Value	Gross Carrying Value	Accumulated Amortization	Net Carrying Value
Customer relationships						
Customer relationships						
Customer relationships						
Completed technologies						
Trademarks						
Non-compete agreements						
Balance as of December 31, 2023						

As of **June 30, 2024** **September 29, 2024**, estimated future amortization expense related to intangible assets was as follows (in thousands):

<u>Year Ended December 31,</u>	<u>Year Ended December 31,</u>	Amount	<u>Year Ended December 31,</u>	Amount
Remainder of fiscal 2024				
2025				
2026				
2027				
2028				
2029				
Thereafter				

NOTE 9: Warranty Obligations

The Company records the estimated cost of fulfilling product warranties at the time of sale based upon historical costs to fulfill claims. Obligations may also be recorded subsequent to the time of sale whenever specific events or changes in circumstances impacting product quality become known that would not have been taken into account using historical data. While we engage in extensive product quality programs and processes, including actively monitoring and evaluating the quality of our component suppliers and third-party contract manufacturers, the Company's warranty obligation is affected by product failure rates, material usage, and service delivery costs incurred in correcting a product failure. An adverse change in any of these factors may result in the need for additional warranty provisions. Warranty obligations are included in "Accrued expenses" on the Consolidated Balance Sheets.

The changes in the warranty obligation were as follows (in thousands):

Balance as of December 31, 2023	\$	4,244
Provisions for warranties issued during the period		2,120 3,214
Fulfillment of warranty obligations		(1,990) (2,845)
Foreign exchange rate changes		(20) 4
Balance as of June 30, 2024 September 29, 2024	\$	4,354 4,617

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 10: Commitments and Contingencies

As of June 30, 2024 September 29, 2024, the Company had outstanding purchase orders totaling \$43,078,000 \$38,153,000 to procure inventory from various vendors. Certain of these purchase orders may be canceled by the Company, subject to cancellation penalties. These purchase commitments relate primarily to expected sales in the next twelve months.

A significant portion of the Company's outstanding inventory purchase orders as of June 30, 2024 September 29, 2024, as well as additional preauthorized commitments to procure strategic components based on the Company's expected customer demand, are placed with the Company's primary contract manufacturer for the Company's assembled products. The Company has the obligation to purchase any non-cancelable and non-returnable components that have been purchased by the contract manufacturer with the Company's preauthorization, when these components have not been consumed within the period defined in the terms of the Company's agreement with this contract manufacturer. While the Company typically expects such purchased components to be used in future production of Cognex finished goods, these components are considered in the Company's reserve estimate for excess and obsolete inventory. Furthermore, the Company accrues for losses on commitments for the future purchase of non-cancelable and non-returnable components from this contract manufacturer at the time that circumstances, such as changes in demand, indicate that the value of the components may not be recoverable, the loss is probable, and management has the ability to reasonably estimate the amount of the loss.

Various claims and legal proceedings generally incidental to the normal course of business are pending or threatened on behalf of or against the Company. While we cannot predict the outcome of these matters, we believe that any liability arising from them will not have a material adverse effect on our financial position, liquidity, or results of operations.

NOTE 11: Derivative Instruments

The Company's foreign currency risk management strategy is principally designed to mitigate the potential financial impact of changes in the value of transactions and balances denominated in foreign currencies resulting from changes in foreign currency exchange rates. The Company enters into economic hedges utilizing foreign currency forward contracts with maturities that do not exceed approximately three months to manage the exposure to fluctuations in foreign currency exchange rates arising primarily from foreign-denominated receivables and payables. The gains and losses on these derivatives are intended to be offset by the changes in the fair value of the assets and liabilities being hedged. These economic hedges are not designated as hedging instruments for hedge accounting treatment.

Additionally, during the three-month period ended October 1, 2023, the Company entered into a foreign currency forward contract to exchange U.S. Dollars for ¥40,000,000,000 to hedge the purchase of Moritex Corporation (refer to Note 18 of the consolidated financial statements), which was paid in Japanese Yen. Upon the settlement of this contract, the Company recorded a foreign currency loss of \$8,456,000, which was recorded in "Foreign currency gain (loss)" on the Consolidated Statements of Operations for the three-month period ended October 1, 2023.

The Company had the following outstanding forward contracts (in thousands):

June 30, 2024				December 31, 2023						
September 29, 2024				December 31, 2023						
Currency	Currency	Notional Value	USD Equivalent	Notional Value	USD Equivalent	Currency	Notional Value	USD Equivalent	Notional Value	USD Equivalent
Derivatives Not Designated as Hedging Instruments:										
Singapore Dollar										
Singapore Dollar										
Singapore Dollar										
Chinese Renminbi										
Euro										
Chinese Renminbi										
Mexican Peso										
Hungarian Forint										
Japanese Yen										
British Pound										
Japanese Yen										
Swiss Franc										
Japanese Yen										
Swiss Franc										
Japanese Yen										
Swiss Franc										
Canadian Dollar										

COGNEX CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

Information regarding the fair value of the outstanding forward contracts was as follows (in thousands):

Asset Derivatives			Liability Derivatives		Asset Derivatives			Liability Derivatives					
			Balance	Fair Value	Fair Value	Balance		Fair Value	Balance	Fair Value	Fair Value		
Sheet Location	June 30, 2024	December 31, 2023	Sheet Location	June 30, 2024	June 30, 2024	December 31, 2023	Sheet Location	September 29, 2024	December 31, 2023	Sheet Location	September 29, 2024	December 31, 2023	

Derivatives Not Designated as Hedging Instruments:

Derivatives Not Designated as Hedging Instruments:

Derivatives Not Designated as Hedging Instruments:

Economic hedge forward contracts

Economic hedge forward contracts

Economic hedge forward contracts

The following table presents the gross activity for all derivative assets and liabilities which were presented on a net basis on the Consolidated Balance Sheets due to the right of offset with each counterparty (in thousands):

Asset Derivatives	Asset Derivatives	Liability Derivatives	Asset Derivatives	Liability Derivatives
	June 30, 2024	December 31, 2023	June 30, 2024	December 31, 2023
	September 29, 2024	December 31, 2023	September 29, 2024	December 31, 2023
Gross amounts of recognized assets				
Gross amounts offset				
Net amount of assets presented				

Information regarding the effect of derivative instruments on the consolidated financial statements was as follows (in thousands):

Location in Financial Statements		Three-months Ended		Six-months Ended		Location in Financial Statements		Three-months Ended		Nine-months Ended	
	June 30, 2024	July 2, 2023		June 30, 2024	July 2, 2023		September 29, 2024	October 1, 2023		September 29, 2024	October 1, 2023

Derivatives Not Designated as Hedging Instruments:

Derivatives Not Designated as Hedging Instruments:

Derivatives Not Designated as Hedging Instruments:

Gains (losses) recognized in current operations

Gains (losses) recognized in current operations

Gains (losses) recognized in current operations

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 12: Revenue Recognition

The following table summarizes disaggregated revenue information by geographic area based upon the customer's country of domicile (in thousands):

Three-months Ended	Three-months Ended	Six-months Ended	Three-months Ended	Nine-months Ended
June 30, 2024	July 2, 2023	June 30, 2024	July 2, 2023	
September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	
Americas				
Europe				

Greater China

Other Asia

Other Asia

Other Asia

\$

The following table summarizes disaggregated revenue information by revenue type (in thousands):

	Three-months Ended	Three-months Ended	Six-months Ended	Three-months Ended	Nine-months Ended
	June 30, 2024	July 2, 2023	June 30, 2024	July 2, 2023	
	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	

Standard products and services

Application-specific customer
solutions

\$

Costs to Fulfill a Contract

Costs to fulfill a contract are included in "Prepaid expenses and other current assets" on the Consolidated Balance Sheet and amounted to \$11,310,000 \$11,261,000 and \$13,265,000 as of June 30, 2024 September 29, 2024 and December 31, 2023, respectively.

Accounts Receivable, Contract Assets, and Contract Liabilities

Accounts receivable represent amounts billed and currently due from customers which are reported at their net estimated realizable value. The Company maintains an allowance against its accounts receivable for credit losses. Contract assets consist of unbilled revenue which arises when revenue is recognized in advance of billing for certain application-specific customer solutions contracts. Contract liabilities consist of deferred revenue and customer deposits which arise when amounts are billed to or collected from customers in advance of revenue recognition.

The following table summarizes the allowance for credit losses activity for the six-month nine-month period ended June 30, 2024 September 29, 2024 (in thousands):

Balance as of December 31, 2023	\$	583
Increases to the allowance for credit losses		100
Write-offs, net of recoveries		(19) (77)
Foreign exchange rate changes		1 (2)
Balance as of June 30, 2024 September 29, 2024	\$	665 604

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

The following table summarizes the deferred revenue and customer deposits activity for the six-month nine-month period ended June 30, 2024 September 29, 2024 (in thousands):

Balance as of December 31, 2023	\$	31,525
Deferral of revenue billed in the current period, net of recognition		30,777 22,192
Recognition of revenue deferred in prior period		(21,271) (23,720)
Foreign exchange rate changes		(502) 48
Balance as of June 30, 2024 September 29, 2024	\$	40,529 30,045

As a practical expedient, the Company has elected not to disclose the aggregate amount of the transaction price allocated to unsatisfied performance obligations for our contracts that have an original expected duration of less than one year. The remaining unsatisfied performance obligations for our contracts that have an original expected duration of more than one year, primarily related to extended warranties, are not material.

NOTE 13: Stock-Based Compensation Expense

Stock Plans

The Company's stock-based awards that result in compensation expense consist of stock options, restricted stock units ("RSUs"), and performance restricted stock units ("PRSUs"). In May 2023, the shareholders of the Company approved the Cognex Corporation 2023 Stock Option and Incentive Plan (the "2023 Plan"). The 2023 Plan permits awards of stock options (both incentive and non-qualified options), stock appreciation rights, RSUs, and PRSUs. Up to 8,100,000 shares of common stock (subject to adjustment in the event of stock splits and other similar events) may be issued pursuant to awards granted under the 2023 Plan. In connection with the approval of the 2023 Plan, no further awards will be made under the Cognex Corporation 2001 General Stock Option Plan, as amended and restated (the "2001 Plan"), and the Cognex Corporation 2007 Stock Option and Incentive Plan, as amended and restated (the "2007 Plan"). With the approval of the 2023 Plan, the 10,610,800 shares of common stock subject to awards granted under the 2001 Plan and

the 2007 Plan that were outstanding as of May 3, 2023 may become eligible for issuance under the 2023 Plan if such awards are forfeited, cancelled or otherwise terminated (other than by exercise) (the "Carryover Shares"). As of **June 30, 2024** **September 29, 2024**, forfeitures, cancellations, and other terminations from the 2001 Plan and the 2007 Plan have resulted in **777,455** **889,329** Carryover Shares, raising the authorized total shares that may be issued under the 2023 Plan to **8,877,455** **8,989,329**.

As of **June 30, 2024** **September 29, 2024**, the Company had **5,958,000** **6,049,613** shares available for grant under its stock plans. Stock options are granted with an exercise price equal to the market value of the Company's common stock at the grant date and generally vest over four or five years based upon continuous service and expire ten years from the grant date. RSUs generally vest upon three or four years of continuous employment or incrementally over such three or four-year periods. PRSUs generally vest upon three years of continuous employment and achievement of performance criteria established by the Compensation Committee of our Board of Directors on or prior to the grant date. Participants are not entitled to dividends on stock options, RSUs, or PRSUs.

COGNEX CORPORATION
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Stock Options

The following table summarizes the Company's stock option activity for the **six-month** **nine-month** period ended **June 30, 2024** **September 29, 2024**:

	Shares (in thousands)	Shares (in thousands)	Weighted- Average Exercise Price	Weighted- Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value (in thousands)	Shares (in thousands)	Weighted- Average Exercise Price	Weighted- Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value (in thousands)
Outstanding as of December 31, 2023									
Granted									
Granted									
Granted									
Exercised									
Exercised									
Exercised									
Forfeited or expired									
Forfeited or expired									
Forfeited or expired									
Outstanding as of June 30, 2024									
Outstanding as of June 30, 2024									
Outstanding as of June 30, 2024									
Exercisable as of June 30, 2024									
Options vested or expected to vest as of June 30, 2024 (1)									
Outstanding as of September 29, 2024									
Outstanding as of September 29, 2024									
Outstanding as of September 29, 2024									
Exercisable as of September 29, 2024									
Options vested or expected to vest as of September 29, 2024 (1)									

(1) In addition to the vested options, the Company expects a portion of the unvested options to vest at some point in the future. Options expected to vest are calculated by applying an estimated forfeiture rate to the unvested options.

The total cash received as a result of stock option exercises for the three-month and **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** was **\$1,516,000** **\$2,034,000** and **\$2,637,000** **\$4,671,000**, respectively, and for the three-month and **six-month** **nine-month** periods ended **July 2, 2023** **October 1, 2023** was **\$6,141,000** **\$889,000** and **\$10,118,000** **\$11,006,000**, respectively. In connection with these exercises, the tax expense realized by the Company for the three-month and **six-month** **nine-month** periods ended **June 30, 2024** **September 29, 2024** was **\$2,043,000** **\$559,000** and **\$2,072,000** **\$2,631,000**, respectively, and for the three-month and **six-month** **nine-month** periods ended **July 2, 2023** **October 1, 2023** was **\$2,426,000** **\$100,000** and **\$3,893,000** **\$3,993,000**, respectively.

The fair values of stock options granted in each period presented were estimated using the following weighted-average assumptions:

Three-months Ended		Six-months Ended	Three-months Ended		Nine-months Ended	
	July 2, 2023	June 30, 2024	July 2, 2023	September 29, 2024	September 29, 2024	October 1, 2023

Risk-free rate	Risk-free rate	4.5	%	3.5	%	4.3	%	3.9	%	Risk-free rate	3.7	%	4.1	%	4.3	%	4.0	%
Expected dividend yield	Expected dividend yield	0.67	%	0.56	%	0.75	%	0.59	%	Expected dividend yield	0.80	%	0.57	%	0.76	%	0.59	%
Expected volatility	Expected volatility	39	%	39	%	39	%	39	%	Expected volatility	39	%	39	%	39	%	39	%
Expected term (in years)	Expected term (in years)	4.7		5.9		4.7		4.9		Expected term (in years)	5.8		5.9		4.7		4.9	

Risk-free rate

The risk-free rate was based upon a treasury instrument whose term was consistent with the contractual term of the option.

Expected dividend yield

The current dividend yield was calculated by annualizing the cash dividend declared by the Company's Board of Directors and dividing that result by the closing stock price on the grant date.

Expected volatility

The expected volatility was based upon a combination of historical volatility of the Company's common stock over the contractual term of the option and implied volatility for traded options of the Company's stock.

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

Expected term

The expected term was derived from the binomial lattice model from the impact of events that trigger exercises over time.

The weighted-average grant-date fair values of stock options granted during the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 were \$18.46 \$14.75 and \$14.89, respectively, and during the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023 were \$20.09 \$20.55 and \$17.86, \$18.11, respectively.

The total intrinsic values of stock options exercised for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 were \$994,000 \$1,628,000 and \$2,049,000, \$3,677,000, respectively, and for the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023 were \$2,123,000 \$557,000 and \$5,562,000, \$6,119,000, respectively. The total fair values of stock options vested for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 were \$698,000 \$1,023,000 and \$26,209,000, \$27,232,000, respectively, and for the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023 were \$892,000 \$962,000 and \$32,073,000, \$33,035,000, respectively.

Restricted Stock Units (RSUs)

The following table summarizes the Company's RSUs activity for the six-month nine-month period ended June 30, 2024 September 29, 2024:

	Shares (in thousands)	Shares (in thousands)	Weighted-Average Grant Date Fair Value	Shares (in thousands)	Weighted-Average Grant Date Fair Value
Nonvested as of December 31, 2023					
Granted					
Vested					
Forfeited or expired					
Nonvested as of June 30, 2024					
Nonvested as of September 29, 2024					

The fair value of RSUs is determined based on the observable market price of the Company's stock on the grant date less the present value of expected future dividends. The weighted-average grant-date fair values of RSUs granted during the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 were \$43.97 \$36.40 and \$39.03, \$38.90, respectively, and during the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023 were \$52.53 \$46.17 and \$46.86, \$46.78, respectively. There were 36,000 33,000 and 375,000 408,000 RSUs that vested during the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024, respectively, and 29,000 18,000 and 482,000 500,000 that vested during the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023, respectively.

Tax obligations for vested RSUs are settled by withholding a portion of the shares prior to distribution to the shareholder. The total cash used by the Company to fund the tax payments for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 was \$526,000 \$369,000 and \$4,507,000, \$4,876,000, respectively, and for the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023 was \$432,000 \$267,000 and \$7,464,000, \$7,731,000, respectively. In connection with these vested RSUs, the tax expense realized by the Company for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 was \$2,074,000 \$452,000 and \$6,867,000, \$7,319,000, respectively, and for the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023 was \$150,000 \$317,000 and \$3,476,000, \$3,793,000, respectively.

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

The following table summarizes the Company's PRSUs activity for the six-month nine-month period ended June 30, 2024 September 29, 2024:

The fair value of PRSUs is calculated using the Monte Carlo simulation model to estimate the probability of satisfying the service and market conditions stipulated in the award grant. There were 0 and 55,000 PRSUs granted during the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024, respectively, and 0 and 46,000 granted during the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023, respectively. No PRSUs vested during the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023.

The Company stratifies its employee population into three groups: one consisting of the CEO, one consisting of senior management, and another consisting of all other employees. The Company currently applies an estimated annual forfeiture rate of 0% to all stock-based awards for the CEO, 9% to all stock-based awards for senior management, and a rate of 13% for all other employees. Each year during the first quarter, the Company revises its forfeiture rate based on updated estimates of employee turnover. This resulted in a decrease to compensation expense of \$1,832,000 in 2024 and \$234,000 in 2023.

The total stock-based compensation expense and the related income tax benefit recognized for the three-month period ended **June 30, 2024** **September 29, 2024** were **\$12,964,000** **\$13,101,000** and **\$2,027,000**, **\$2,287,000**, respectively, and for the **six-month** **nine-month** period ended **June 30, 2024** **September 29, 2024** were **\$26,266,000** **\$39,367,000** and **\$3,772,000**, **\$6,059,000**, respectively. The total stock-based compensation expense and the related income tax benefit recognized for the three-month period ended **July 2, 2023** **October 1, 2023** were **\$12,574,000** **\$12,365,000** and **\$1,892,000**, **\$1,971,000**, respectively, and for the **six-month** **nine-month** period ended **July 2, 2023** **October 1, 2023** were **\$29,153,000** **\$41,518,000** and **\$4,200,000**, **\$6,053,000**, respectively. No compensation expense was capitalized as of **June 30, 2024** **September 29, 2024** or December 31, 2023.

	Three-months Ended	Six-months Ended	Three-months Ended	Nine-months Ended	
	July 2, 2023	June 30, 2024	July 2, 2023	September 29, 2024	September 29, 2023
June 30, 2024	2023	2024	2023	2024	2023

COGNEX CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

In March 2022, the Company's Board of Directors authorized the repurchase of \$500,000,000 of the Company's common stock. Under this March 2022 program, in addition to repurchases made in prior years, other periods, the Company repurchased 966,000 1,157,000 shares at a total cost of \$49,163,000 \$59,640,000 during the six-month nine-month period ended July 2, 2023 October 1, 2023 and 473,000 555,000 shares at a total cost of \$19,879,000 \$23,841,000 during the six-month nine-month period ended June 30, 2024 September 29, 2024, leaving a remaining balance of \$313,013,000 \$309,051,000 as of June 30, 2024 September 29, 2024. The Company may repurchase shares under this program in future periods depending on a variety of factors, including, among other things, the impact of dilution from employee stock awards, stock price, share availability, and cash requirements. The Company is authorized to make repurchases of its common stock through open market purchases, pursuant to Rule 10b5-1 trading plans, or in privately negotiated transactions.

The Company has defined its major tax jurisdictions as the United States, Ireland, China, Japan, and Korea, and within the United States, Massachusetts. The statutory tax rate is 12.5% in Ireland, 25% in China, 34.6% in Japan, and 21% in Korea, compared to the U.S. federal statutory corporate tax rate of 21%. These foreign tax rate differences resulted in a favorable impact to the effective tax rate for both the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023.

The Company recorded a net discrete tax benefit totaling \$463,000 and a net discrete tax expense totaling \$2,622,000 \$889,000 and \$3,511,000 for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024, and a net discrete tax expense totaling \$399,000 \$4,035,000 and a net discrete tax benefit totaling \$3,195,000 \$840,000 for the same periods in 2023.

Discrete tax items for the six-month nine-month period ended June 30, 2024 September 29, 2024 included (1) an increase in tax expense of \$1,371,000 \$1,645,000 related to stock-based compensation; (2) an increase in tax expense of \$477,000 \$320,000 related to state tax matters; (3) an increase in tax expense of \$922,000 \$1,270,000 for interest expense related to tax reserves; (4) a net decrease in tax expense of \$1,278,000 \$854,000 related to return-to-provision adjustments; and (5) an increase in tax expense of \$1,130,000 for other tax matters.

Discrete tax items for the six-month nine-month period ended July 2, 2023 October 1, 2023 included (1) an increase in tax expense of \$1,766,000 related to stock-based compensation; (2) a net decrease in tax expense of \$3,051,000 \$3,043,000 due primarily to the release of tax reserves on state tax credits and foreign audit settlements; (3) (2) a decrease in tax expense of \$2,198,000 for adjustments to certain deferred tax assets; and (3) an increase in tax expense of \$2,178,000 for an adjustment related to deferred state taxes due to a reduction in the Company's blended state rate; (4) a net increase in tax expense of \$288,000 \$2,134,000 for return-to-provision adjustments, adjustments; and (5) an increase in tax expense of \$1,769,000 related to stock-based compensation.

The Company's reserve for income taxes, including gross interest and penalties, was \$31,193,000 \$28,858,000 as of June 30, 2024 September 29, 2024, of which \$28,826,000 \$26,491,000 was classified as a non-current liability and \$2,367,000 was classified as an offset to deferred tax assets. If the Company's tax positions were sustained or the statutes of limitations related to certain positions expired, these reserves would be released and income tax expense would be reduced in a future period.

Within the United States, the tax years 2020 through 2022 2023 remain open to examination by the IRS, and 2019 through 2022 2023 remain open to examination by various state tax authorities. The tax years 2017 through 2023 remain open to examination by various international taxing authorities in other jurisdictions in which the Company operates.

In October 2021, more than 135 countries and jurisdictions agreed to participate in a "two-pillar" international tax approach developed by the Organisation for Economic Co-operation and Development (OECD), which includes establishing a global minimum corporate tax rate of 15%. The OECD published "Tax Challenges Arising from the Digitalisation of the Economy — Global Anti-Base Erosion Model Rules (Pillar Two)" in December 2021 and subsequently issued additional commentary and administrative guidance clarifying several aspects of the model rules. Since the model rules have been released, many countries have now enacted Pillar Two-related laws, some of which became effective January 1, 2024, and it is anticipated that more countries will follow suit throughout 2024. As of June 30, 2024 September 29, 2024, the Company does not expect Pillar Two taxes to have a significant impact on its 2024 financial statements.

COGNEX CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

NOTE 16: Weighted-Average Shares

Weighted-average shares were calculated as follows (in thousands):

	Three-months Ended	July 2, 2023	Six-months Ended	July 2, 2023	Three-months Ended September 29, 2024	September 29, 2024	Nine-months Ended October 1, 2023	October 1, 2023
Basic weighted-average common shares outstanding	June 30, 2024		June 30, 2024					
Effect of dilutive equity awards								
Weighted-average common and common-equivalent shares outstanding								

Stock options to purchase 8,325,000 8,640,000 and 8,415,000 8,490,000 shares of common stock, on a weighted-average basis, were outstanding during the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024, respectively, and 6,890,000 6,893,000 and 6,713,000 6,775,000 during the three-month and six-month nine-month periods ended July 2, 2023 October 1, 2023, respectively, but were not included in the calculation of dilutive net income per share because they were anti-dilutive. Restricted stock units No RSUs were excluded in the calculation of dilutive net income per share for the three-month and nine-month periods ended September 29, 2024 because they were anti-dilutive. RSUs totaling 1,000 3,000 and 9,000 1,000 shares of common stock, on a weighted-average basis, were outstanding during the three-month and six-month nine-month periods ended June 30, 2024, respectively, and 3,000 and 1,000 during the three-month and six-month periods ended July 2, 2023 October 1, 2023, respectively, but were not included in the calculation of dilutive net income per share because they were anti-dilutive. No PRSUs were excluded in the calculation of dilutive net income per share for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023, respectively, as PRSUs were not anti-dilutive on a weighted-average basis.

NOTE 17: Loss (Recovery) from Fire

On June 7, 2022, the Company's primary contract manufacturer experienced a fire at its plant in Indonesia, destroying a significant amount of Cognex-owned consigned Cognex inventories.

During the nine-month period ended October 1, 2023, the Company recorded recoveries related to the fire of \$5,250,000, consisting of \$2,500,000 during the three-month period ended July 2, 2023, the Company recorded a recovery related to the fire of \$2,500,000 for proceeds received from the Company's insurance carrier in relation to a business interruption claim. This claim and \$2,750,000 during the three-month period ended October 1, 2023 for proceeds received as part of a financial settlement for lost inventory and other losses incurred as a result of the fire. These recovery amount is amounts are presented in the caption "Loss (recovery) from fire" on the Consolidated Statements of Operations.

NOTE 18: Business Combinations

On October 18, 2023, the Company acquired all the outstanding shares of Moritex Corporation ("Moritex"), a global provider of premium optical components based in Japan, for an enterprise value of ¥40 billion Japanese Yen, or approximately \$270 million U.S. Dollars based on the closing date foreign exchange rate.

The cash-free, debt-free enterprise value was adjusted by cash acquired, debt assumed, and final working capital balances to arrive at total consideration to be allocated to assets acquired and liabilities assumed of ¥44,376,245,000 (\$296,138,000 based on the closing date foreign exchange rate), of which ¥44,227,414,000 (\$295,144,000) was paid in cash on the closing date and ¥148,831,000 (\$994,000) was paid during the three-month period ended March 31, 2024 as a final purchase price adjustment based on the closing balance sheet.

NOTE 19: Subsequent Events

On July 31, 2024 October 30, 2024, the Company's Board of Directors declared a cash dividend of \$0.075 \$0.08 per share. The dividend is payable on August 29, 2024 November 29, 2024 to all shareholders of record as of the close of business on August 15, 2024 November 14, 2024.

ITEM 2: MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Forward-Looking Statements

Certain statements made in this report, as well as oral statements made by the Company from time to time, constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Readers can identify these forward-looking statements by our use of the words "expects," "anticipates," "estimates," "potential," "believes," "projects," "intends," "plans," "will," "may," "shall," "could," "should," "opportunity," "goal" and similar words and other statements of a similar sense. These statements are based on our current estimates and expectations as to prospective events and circumstances, which may or may not be in our control and as to which there can be no firm assurances given. These forward-looking statements, which include statements regarding business and market trends, future financial performance and financial targets, customer demand and order rates and timing of related revenue, managing supply challenges, delivery lead times, future product or revenue mix, research and development activities, sales and marketing activities (including our Emerging Customer sales initiative), new product offerings, innovation and product development activities, customer acceptance of our products, capital expenditures, cost and working capital management activities, investments, liquidity, dividends and stock repurchases, strategic and growth plans and opportunities, acquisitions, and estimated tax benefits and expenses and other tax matters, involve known and unknown risks and uncertainties that could cause actual results to differ materially from those projected. Such risks and uncertainties include: (1) the technological obsolescence of current products and the inability to develop new products, particularly in connection with emerging artificial intelligence technologies; (2) the impact of competitive pressures; pressures, including the potential decrease in demand or prices for our products; (3) the inability to attract and retain skilled employees and maintain our unique corporate culture; (4) the failure to properly manage the distribution of products and services; (5) economic, political, and other risks associated with international sales and operations, including the impact of trade disputes, the economic climate in China, and the wars in involving Ukraine and Israel; (6) the challenges in integrating and achieving expected results from acquired businesses, including our acquisition of Moritex Corporation; (7) information security breaches and other cybersecurity risks; (8) the failure to comply with laws or regulations relating to data privacy or data protection; (9) the inability to protect our proprietary technology and intellectual property; (10) the failure to manufacture and deliver products in a timely manner; (11) the inability to obtain, or the delay in obtaining, components for our products at reasonable prices; (12) the failure to effectively manage product transitions or accurately forecast customer demand; (13) the inability to manage disruptions to our distribution centers or to our key suppliers; (14) the inability to design and manufacture high-quality products; (15) the loss of, or curtailment of or delays in purchases by, large customers in the logistics, consumer electronics, or automotive industries; (16) potential impairment charges with respect to our investments or acquired intangible assets; (17) exposure to additional tax liabilities, increases and fluctuations in our effective tax rate, and other tax matters; (18) fluctuations in foreign currency exchange rates and the use of derivative instruments; (19) unfavorable global economic conditions, including high interest rates and fluctuating inflation rates; (20) business disruptions from natural or man-made disasters, such as fire, floods, or public health issues; (21) exposure to potential liabilities, increased costs (including regulatory compliance costs), reputational harm, and other potential impacts associated with expectations relating to environmental, social, and governance considerations; (22) stock price volatility; and (23) our involvement in time-consuming and costly litigation or activist shareholder activities. The foregoing list should not be construed as exhaustive and we encourage readers to refer to the detailed discussion of risk factors included in Part I - Item 1A of the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2023, as updated by Part II - Item 1A of this Quarterly Report on Form 10-Q. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company disclaims any obligation to subsequently revise forward-looking statements to reflect the occurrence of anticipated or unanticipated events or circumstances after the date such statements are made.

Executive Overview

Cognex Corporation (the "Company") invents and commercializes technologies that address some of the most critical manufacturing and distribution challenges. We are a leading global provider of machine vision products and solutions that seek to improve efficiency and quality in a wide range of businesses across attractive industrial end markets. In addition to product revenue derived from the sale of machine vision products, the Company also generates revenue by providing maintenance and support, consulting, and training services to its customers; however, service revenue accounted for less than 10% of total revenue for all periods presented.

Machine vision is used in a variety of industries where technology is widely recognized as an important component of automated production, distribution, and quality assurance. Virtually every manufacturer or distributor can achieve better quality and efficiency by using machine vision. This results in a broad base of potential customers across a variety of industries, including automotive, logistics, consumer electronics, medical-related, semiconductor, consumer products, and food and beverage.

Revenue for the second third quarter of 2024 totaled \$239,292,000 and was relatively flat compared to \$234,742,000, representing an increase of 19% over the second third quarter of 2023. Incremental The increase was due to incremental revenue arising from the acquisition of Moritex Corporation ("Moritex") that closed in the fourth quarter of 2023, and higher revenue from customers in the logistics and semiconductor industries, was and the timing of certain large consumer electronics deployments that were completed late in the second quarter in 2023 compared to early in the third quarter in 2024. These increases were partially offset by lower spending trends continued softness across our broader factory automation business. business, particularly in the automotive industry.

Gross margin as a percentage of revenue was 70% 68% for the second third quarter of 2024 as compared to 74% 72% for the second third quarter of 2023 2023. The decrease was primarily due primarily to the impact contribution of a less favorable revenue mix and Moritex products with relatively lower gross margins, the amortization of Moritex acquired technologies, technologies, and the impact of competitive pricing pressures.

Operating expenses for the second third quarter of 2024 increased 12% 14% from the second third quarter of 2023. Investments in our "Emerging Customer" sales initiative, focused on broadening our customer base and incremental costs related to the acquisition of Moritex, and higher incentive compensation expenses, were partially offset by the impact of disciplined cost management activities. management. Cost recoveries recorded in 2023 related to the June 2022 fire at the Company's contract manufacturer also contributed to the increase.

Operating income decreased to 13% of revenue for the third quarter of 2024 as compared to 16% of revenue for the second quarter of 2024 as compared to 27% of revenue for the second third quarter of 2023 driven by the lower gross margin percentage and continued investment in our "Emerging Customer" sales initiative. This lower level of operating Net

income resulted in net income of 15% increased to 13% of revenue, or \$0.21 \$0.17 per diluted share, for the second third quarter of 2024, as compared to 24% 10% of revenue, or \$0.33 \$0.11 per diluted share, for the second third quarter of 2023 due, in part, to foreign currency losses and a higher level of discrete tax expenses in the third quarter of 2023.

Results of Operations

As foreign currency exchange rates are a factor in understanding period-to-period comparisons, we believe the presentation of results on a constant-currency basis in addition to reported results helps improve investors' ability to understand our operating results and evaluate our performance in comparison to prior periods. We also use results on a constant-currency basis as one measure to evaluate our performance. Constant-currency information compares results between periods as if exchange rates had remained constant period-over-period. We generally refer to such amounts calculated on a constant-currency basis as excluding the impact of foreign currency exchange rate changes. Results on a constant-currency basis are not in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP) and should be considered in addition to, and not as a substitute for, results prepared in accordance with U.S. GAAP.

Revenue

Revenue decreased increased by \$3,220,000, \$37,501,000, or 1% 19%, for the three-month period and increased by \$6,453,000, \$43,954,000, or 1% 7%, for the six-month nine-month period as compared to the same periods in 2023. Revenue from the acquisition of Moritex that closed in the fourth quarter of 2023 represented approximately 7% 10% of total revenue for both periods the three-month period and 8% of total revenue for the nine-month period in 2024.

In addition The third quarter of 2024 included an additional month of Moritex operations to eliminate the one-month lag in consolidating Moritex financial results that had been in place since the acquisition closed. Excluding the contribution of Moritex, revenue increased by 7% for the three-month period and decreased by 2% for the nine-month period as compared to the same periods in 2023.

Revenue from customers in the logistics and semiconductor industries increased for both the three-month and six-month nine-month periods in 2024 from the prior year. These increases were offset by lower spending trends across our factory automation business, most notably Higher revenue in the automotive and consumer electronics industries. The decrease in automotive revenue was industry also contributed to the increase for the three-month period due to continued softness across the automotive business, as well as delayed spending from electric vehicle battery manufacturers. The decrease in consumer electronics revenue was also impacted by the timing of certain large customer deployments that were completed late in the second quarter of 2023, in 2023 compared to early in the third quarter in 2024; however, revenue from customers in the consumer electronics industry decreased for the nine-month period. In addition, revenue from customers in the automotive industry decreased for both the three-month and nine-month periods in 2024 as compared to the prior year, and we continued to experience softness across our broader factory automation business during these periods.

The following table sets forth our disaggregated revenue information by geographic area based upon the customer's country of domicile (in thousands) for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023.

	Three-months Ended				Three-months Ended				Six-months Ended				Three-months En			
	June 30, 2024		July 2, 2023		June 30, 2024		July 2, 2023		June 30, 2024		July 2, 2023		June 30, 2024		July 2, 2023	
	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change
	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023	September 29, 2024	October 1, 2023
(unaudited)																
Americas																
Americas																
Americas	\$ 85,162	\$	\$ 82,297	\$	\$ 2,865	3	3	%	\$ 168,297	\$	\$ 162,911	\$	\$ 5,386	3	3	%
Percentage of total revenue																
Europe																
Europe																
Europe	\$ 57,151	\$	\$ 56,860	\$	\$ 291	1	1	%	\$ 109,505	\$	\$ 116,702	\$	\$ (7,197)	(6)	(6)	%
Percentage of total revenue																
Greater China																
Greater China																
Greater China	\$ 54,410	\$	\$ 72,351	\$	\$ (17,941)	(25)	(25)	%	\$ 84,459	\$	\$ 105,351	\$	\$ (20,892)	(20)	(20)	%
Percentage of total revenue																
Other Asia																
Other Asia																
Other Asia	\$ 42,569	\$	\$ 31,004	\$	\$ 11,565	37	37	%	\$ 87,828	\$	\$ 58,672	\$	\$ 29,156	50	50	%

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612
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- Revenue from customers based in the Americas increased by 3% for both the three-month and six-month nine-month periods. The increase was primarily driven by higher revenue from customers in the logistics industry, partially offset by continued softness across our factory automation business. The increase in logistics revenue for the six-month period in 2024 included a strategic logistics project completed business, particularly in the first quarter, automotive industry.
- Revenue from customers based in Europe increased by 1% 10% for the three-month period and decreased by 6% 1% for the six-month nine-month period. Similar to the Americas, the Europe region continued to experience softness across our factory automation business. Although logistics revenue was higher for both periods in 2024, this increase was not enough to offset declines in factory automation revenue for the six-month nine-month period.
- Revenue from customers based in Greater China decreased increased by 25% 31% for the three-month period and decreased by 20% 7% for the six-month nine-month period. The Greater China region continued increase for the three-month period was due primarily to experience a challenging business environment. The impact of lower spending trends, as well as higher revenue in the consumer electronics industry due to the timing of certain deployments related to a large consumer electronics customer deployments that were completed late in the second quarter of in 2023 was partially offset by compared to early in the third quarter in 2024. The revenue contribution from the Moritex acquisition, acquisition that benefited both periods was not enough to offset declines in factory automation revenue for the nine-month period.
- Revenue from customers based in other countries in Asia increased by 37% 62% for the three-month period and increased by 50% 54% for the six-month nine-month period. The increase was primarily driven by incremental revenue related to the acquisition of Moritex, for which the majority of revenue currently comes from customers based in Japan, as well as higher revenue from customers in the semiconductor and logistics industries.

The following table sets forth our gross margin (in thousands) for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023.

Three-months Ended			Three-months Ended			Six-months Ended			Three-months Ended
June 30, 2024	July 2, 2023	\$ Change	% Change	June 30, 2024	July 2, 2023	\$ Change	% Change		
September 29, 2024	October 1, 2023	\$ Change	% Change	September 29, 2024	October 1, 2023	\$ Change	% Change		
(unaudited)									

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612
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Gross margin as a percentage of revenue was 70% and 69% 68% for both the three-month and six-month nine-month periods in 2024, respectively, as compared to 74% 72% and 73% for the same periods in 2023. The decrease was due to a less favorable revenue mix in 2024 that included products with relatively low lower gross margins from the Moritex acquisition that closed in the fourth quarter of 2023, as well as the amortization of Moritex acquired technologies. The decrease for third quarter of 2024 included an additional month of Moritex operations to eliminate the six-month period was also one-month lag in consolidating Moritex financial results. Lower average selling prices due to a strategic logistics project completed competitive pricing pressures also contributed to the lower gross margin percentage in 2024, and we expect this trend to continue in the first fourth quarter that had lower-than-average gross margins, as well as charges related to the final sell-through of Moritex acquired inventories in the first quarter that were written up to fair value. These decreases were partially offset by lower inventory costs driven by a reduction in premiums paid to brokers for the purchase of components as supply chain constraints eased. 2024.

The following table sets forth our operating expenses (in thousands) for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023.

[illegible]

Percentage
of total
revenue

Research, Development, and Engineering Expenses

Research, development, and engineering (RD&E) expenses increased by \$1,377,000, \$2,630,000, or 4% 8%, for the three-month period and remained relatively flat increased by \$2,570,000, or 2%, for the six-month period as compared nine-month period. The increase for both periods was due primarily to the same periods in 2023. Higher higher incentive compensation expenses were in 2024. Disciplined cost management helped to offset by lower stock-based compensation the increase in RD&E expenses, for including a reduction in headcount excluding the six-month period due to the impact addition of forfeiture adjustments in the first quarter. Personnel-related costs remained relatively flat, as the Moritex engineers. The additional costs associated with a new team of optical engineers that joined Cognex with the acquisition of Moritex in the fourth quarter of 2023 were offset by lower deferred compensation costs related to the 2019 acquisition of Sualab Co, Ltd. that were fully paid in October 2023 and cost management activities that 2023. The third quarter of 2024 included an additional month of Moritex operations to eliminate the realignment of headcount to business levels, one-month lag in consolidating Moritex financial results.

RD&E expenses as a percentage of revenue were 15% and 16% for the three-month and six-month nine-month periods in 2024, respectively, as compared to 14% 17% and 16% for the same periods in 2023. We believe that a continued commitment to RD&E activities is essential to maintain or achieve product leadership with our existing products and to provide innovative new product offerings, as well as to provide engineering support for large customers. In addition, we consider our ability to accelerate the time to market for new products to be critical to our revenue growth and competitive position. These percentages are impacted by revenue levels and investment cycles.

Selling, General, and Administrative Expenses

Selling, general, and administrative (SG&A) expenses increased by \$9,757,000, \$10,318,000, or 12% 13%, for the three-month period and increased by \$17,348,000, \$27,666,000, or 10% 11%, for the six-month nine-month period as compared to the same periods in 2023. The increase was primarily due to increased costs related additional sales and marketing resources dedicated to our "Emerging Customer" sales initiative including additional headcount, travel expenses, and marketing costs. We that was launched this initiative in 2023 with the goal to serve a broader customer base and deepen penetration of less served markets, and are continuing to increase our investment in 2024.

markets. Costs related to the acquisition of Moritex that closed in the fourth quarter of 2023 also contributed to the higher SG&A expenses. These costs included expenses, including additional sales and support personnel-related costs, the amortization of acquired customer relationships and trademarks, and integration costs.

Lower stock-based The third quarter of 2024 included an additional month of Moritex operations to eliminate the one-month lag in consolidating Moritex financial results. In addition, incentive compensation expense and expenses were higher in 2024. Disciplined cost management activities helped to offset the increase in SG&A expenses, including the realignment of headcount to support the Emerging Customer "Emerging Customer" sales initiative.

Loss (Recovery) from Fire

On June 7, 2022, the Company's primary contract manufacturer experienced a fire at its plant in Indonesia,

destroying a significant amount of Cognex inventories. In During the second quarter of nine-month period in 2023, the Company recorded a recovery recoveries related to the fire including \$2,750,000 for proceeds received from a financial settlement in the third quarter of 2023 and \$2,500,000 for proceeds received from the Company's insurance carrier in relation to a business interruption claim, insurance in the second quarter of 2023.

Non-operating Income (Expense)

The following table sets forth our non-operating income (expense) (in thousands) for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023.

		Three-months Ended					Three-months Ended					Six-months Ended							
		June 30, 2024		July 2, 2023		\$ Change		% Change		June 30, 2024		July 2, 2023		\$ Change		% Change			
		September 29, 2024		October 1, 2023		\$ Change		% Change		September 29, 2024		October 1, 2023		\$ Change		% Change			
(unaudited)																			
Foreign currency gain (loss)																			
Foreign currency gain (loss)																			
Foreign currency gain (loss)		\$ (181)	\$	\$ (1,605)	\$	\$ 1,424	(89)	(89)	%	\$ (135)	\$	\$ (1,211)	\$	\$ 1,076	(89)	(89)%	\$ 1,221	\$	\$ (8,65
Investment income	Investment income	\$ 3,116	\$	\$ 4,095	\$	\$ (979)	(24)	(24)	%	\$ 6,236	\$	\$ 7,682	\$	\$ (1,446)	(19)	(19)%	Investment income	\$ 3,561	\$
Other income (expense)	Other income (expense)	\$ 176	\$	\$ 112	\$	\$ 64	57	57	%	\$ 372	\$	\$ 185	\$	\$ 187	101	101%	Other income (expense)	\$ 209	\$
Total non-operating income (expense)	Total non-operating income (expense)	\$ 3,111	\$	\$ 2,602	\$	\$ 509	20	20	%	\$ 6,473	\$	\$ 6,656	\$	\$ (183)	(3)	(3)%	Total non-operating income (expense)	\$ 4,991	\$

The Company recorded foreign currency losses gains of \$181,000 \$1,221,000 and \$135,000 \$1,086,000 for the three-month and six-month nine-month periods in 2024, respectively, and \$1,605,000 foreign currency losses of \$8,699,000 and \$1,211,000 \$9,910,000 for the corresponding periods in 2023. In the third quarter of 2023, the Company recorded a

foreign currency loss of \$8,456,000 on the settlement of a foreign currency forward contract entered into to hedge the purchase price for Moritex, which was paid in Japanese Yen. Remaining foreign currency gains and losses in each period resulted primarily resulting from the revaluation and settlement of assets and liabilities that are denominated in currencies other than the functional currency of the Company, which is the U.S. Dollar, or its subsidiaries.

Investment income decreased by \$979,000, \$1,330,000, or 24% 27%, for the three-month period and decreased by \$1,446,000, \$2,776,000, or 19% 22%, for the six-month nine-month period in 2024 as compared to the corresponding periods in 2023. The decrease was primarily due to lower average investment balances, partially offset by higher yields on the Company's portfolio of debt securities. During the fourth quarter of 2023, net cash payments related to the acquisition of Moritex reduced cash available to invest by approximately \$257 million, which resulted in lower investment income for 2024.

The Company recorded other income of \$176,000 \$209,000 and \$372,000 \$581,000 for the three-month and six-month nine-month periods in 2024, respectively, and \$112,000 \$173,000 and \$185,000 \$358,000 for the corresponding periods in 2023.

Income Tax Expense

The following table sets forth income tax information (in thousands) for the three-month and six-month nine-month periods ended June 30, 2024 September 29, 2024 and July 2, 2023 October 1, 2023.

Three-months Ended				Three-months Ended				Six-months Ended							
June 30, 2024		July 2, 2023		\$ Change		% Change		June 30, 2024		July 2, 2023		\$ Change		% Change	
September 29, 2024		October 1, 2023		\$ Change		% Change		September 29, 2024		October 1, 2023		\$ Change		% Change	
(unaudited)															
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Net cash used in investing activities totaled \$13,785,000 \$41,194,000 for the six-month nine-month period in 2024. Investing activities included capital expenditures that totaled \$8,571,000 \$12,970,000 and consisted primarily of continued investments in business systems, manufacturing test equipment related to new product introductions as well as and building and leasehold improvements.

Financing activities

Net cash used in financing activities totaled \$47,506,000 \$62,665,000 for the six-month nine-month period in 2024.

In March 2022, the Company's Board of Directors authorized the repurchase of \$500,000,000 of the Company's common stock. Under this March 2022 program, the Company repurchased 473,000 555,000 shares at a total cost of \$19,879,000 \$23,841,000 during the six-month nine-month period in 2024, leaving a remaining balance of \$313,013,000 \$309,051,000 as of June 30, 2024 September 29, 2024. The Company may repurchase shares under this program in future periods depending on a variety of factors, including, among other things, the impact of dilution from employee stock awards, stock price, share availability, and cash requirements. The Company is authorized to make repurchases of its common stock through open market purchases, pursuant to Rule 10b5-1 trading plans, or in privately negotiated transactions.

The Company's Board of Directors declared and paid cash dividends of \$0.075 per share for the first, second and second third quarters of 2024, totaling \$25,756,000 \$38,619,000. Future dividends will be declared at the discretion of the Company's Board of Directors and will depend on such factors as the Board deems relevant, including, among other things, the Company's ability to generate positive cash flow from operations.

Future Cash Requirements

The Company's future material cash requirements include contractual obligations related to inventory purchase commitments and leases. As of June 30, 2024 September 29, 2024, the Company had inventory purchase commitments of \$43,078,000 \$38,153,000, with the majority payable in the next twelve months, and lease payment obligations of \$112,234,000 \$116,702,000, with \$13,364,000 \$13,558,000 payable in the next twelve months.

Other significant and/or expected cash outlays for 2024 are as follows:

- We expect to continue to make significant cash outlays related to our Emerging Customer "Emerging Customer" sales initiative as we continue to grow our sales force to serve a broader customer base and deepen penetration of less served markets.
- The Tax Cuts and Jobs Act of 2017 subjected unrepatriated foreign earnings to a one-time transition tax. As of June 30, 2024 September 29, 2024, the Company had a remaining balance payable of \$18,338,000 through 2025.

We believe that the Company's existing cash and investment balances, together with cash flow from operations, will be sufficient to meet its operating, investing, and financing activities for the next twelve months. In addition, the Company has no long-term debt. We believe that our balance sheet condition currently gives us a strong position with respect to anticipated longer-term liquidity needs.

New Pronouncements

Refer to Part I - Note 2 within this Form 10-Q, for a full description of recently issued accounting pronouncements including the expected dates of adoption and the expected impact on the financial position and results of operations of the Company.

ITEM 3: QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

There have been no material changes to the Company's exposures to market risk since December 31, 2023.

ITEM 4: CONTROLS AND PROCEDURES

As required by Rules 13a-15 and 15d-15 of the Securities Exchange Act of 1934, the Company has evaluated, with the participation of management, including the Chief Executive Officer and the Chief Financial Officer, the effectiveness of its disclosure controls and procedures (as defined in such rules) as of the end of the period covered by this report. Based on such evaluation, except as described below relating to the acquisition of Moritex Corporation, the Chief Executive Officer and the Chief Financial Officer concluded that such disclosure controls and procedures were effective as of that date.

The Company closed the acquisition of Moritex Corporation on October 18, 2023. The new acquisition's total assets and revenues constituted approximately 5% and 7% 8%, respectively, of the Company's consolidated total assets and revenues as shown on our consolidated financial statements as of and for the nine-month period ended June 30, 2024 September 29, 2024. As the acquisition occurred during the fourth quarter of 2023, the Company excluded Moritex Corporation from the scope of the assessment of the effectiveness of the Company's internal control over financial reporting and, with respect to the portion of disclosure controls and procedures that are subsumed by internal control over financial reporting of Moritex Corporation, the Company's disclosure controls and procedures. This exclusion is in accordance with the general guidance issued by the Staff of the Securities and Exchange Commission that an assessment of a recently-acquired business may be omitted from the scope for the one-year period following the acquisition if specified conditions are satisfied.

Except as described above, there have been no changes in the Company's internal control over financial reporting that occurred during the quarter ended June 30, 2024 September 29, 2024 that materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting. The Company continues to review its disclosure controls and procedures, including its internal control over financial reporting, and may from time to time make changes aimed at enhancing their effectiveness and to ensure that the Company's systems evolve with its business.

PART II: OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

Various claims and legal proceedings generally incidental to the normal course of business are pending or threatened on behalf of or against the Company. While we cannot predict the outcome of these matters, we believe that any liability arising from them will not have a material adverse effect on our financial position, liquidity, or results of operations.

ITEM 1A. RISK FACTORS

For a list of factors that could affect the Company's business, results of operations, and financial condition, see the risk factors discussion provided in Part I—Item 1A of the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2023.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

The following table sets forth information with respect to purchases by the Company of shares of its common stock during the three-month period ended **June 30, 2024** **September 29, 2024**:

	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs (1)	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (1)
April 1, 2024 - April 28, 2024	88,000	\$ 40.69	88,000	\$ 319,986,000
April 29, 2024 - May 26, 2024	71,000	44.95	71,000	316,817,000
May 27, 2024 - June 30, 2024	83,000	45.63	83,000	313,013,000
Total	242,000	\$ 43.64	242,000	\$ 313,013,000

	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs (1)	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (1)
July 1, 2024 - July 28, 2024	61,000	\$ 49.44	61,000	\$ 310,002,000
July 29, 2024 - August 25, 2024	21,000	45.36	21,000	309,051,000
August 26, 2024 - September 29, 2024	—	—	—	309,051,000
Total	82,000	\$ 48.39	82,000	\$ 309,051,000

(1) On March 3, 2022, the Company's Board of Directors authorized the repurchase of \$500,000,000 of the Company's common stock. Purchases under this program commenced in March 2022. The Company may repurchase shares under this program in future periods depending on a variety of factors, including, among other things, the impact of dilution from employee stock awards, stock price, share availability, and cash requirements. The Company is authorized to make repurchases of its common stock through open market purchases, pursuant to Rule 10b5-1 trading plans, or in privately negotiated transactions.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

ITEM 5. OTHER INFORMATION

During the quarter ended **June 30, 2024** **September 29, 2024**, none of the following executive officer Company's directors or officers (as defined in Rule 16a-1(f) of the Securities Exchange Act of 1934) adopted, terminated or modified a Rule 10b5-1 trading arrangement as or non-Rule 10b5-1 trading arrangement (as such terms are defined in Item 408 of Regulation S-K, that is intended to satisfy the affirmative defense conditions of Securities Exchange Act Rule 10b5-1(c); S-K).

- On June 7, 2024, Carl Gerst, the Executive Vice President of ID and Vision Products of the Company, adopted a trading arrangement for the sale of shares of the Company's common stock (a "Rule 10b5-1 Trading Plan"). Mr. Gerst's Rule 10b5-1 Trading Plan, which has a term ending on April 1, 2025, provides for the sale of up to 16,302 shares of common stock pursuant to the terms of the plan.

During the quarter ended June 30, 2024, no 10b5-1 trading arrangements were modified or terminated, and no director or officer of the Company adopted or terminated a "non-Rule 10b5-1 trading arrangement," as defined in Item 408 of Regulation S-K.

ITEM 6. EXHIBITS

Exhibit Number	
10.1+	Relocation Letter Agreement, effective as of April 22, 2024, by and between Cognex Corporation and Dennis Fehr*
31.1	Certification of Principal Executive Officer pursuant to Rule 13a-14(a)/15d-14(a) under the Securities Exchange Act of 1934*
31.2	Certification of Principal Financial Officer pursuant to Rule 13a-14(a)/15d-14(a) under the Securities Exchange Act of 1934*
32.1	Certification of Principal Executive Officer pursuant to 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002**
32.2	Certification of Principal Financial Officer pursuant to 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002**
101.SCH	Inline XBRL Taxonomy Extension Schema Document*
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document*
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document*
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document*
101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document*
104	Cover Page Interactive Data File (formatted as Inline XBRL with applicable taxonomy extension information contained in Exhibits 101.*)
* Filed herewith	
** Furnished herewith	

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: August 1, October 31, 2024

COGNEX CORPORATION

By: /s/ Robert J. Willett

Robert J. Willett

President and Chief Executive Officer

(Principal Executive Officer)

By: /s/ Dennis Fehr

Dennis Fehr

Senior Vice President of Finance and Chief Financial Officer

(Principal Financial Officer)



Cognex Corporation One Vision Drive Natick, MA 01760-2059 (508) 650-3000 fax (508) 650-3333 www.cognex.com Exhibit 10.1 March 27, 2024 Dennis Fehr (Address) PERSONAL & CONFIDENTIAL Dear Dennis: Congratulations on your new position! All of us on the Cognex management team are excited about the prospect of you joining Cognex Corporation in Natick, Massachusetts. This letter details the terms and conditions applicable to your move from Bethesda, Maryland to Massachusetts. This letter does not create a contract of employment, but simply seeks to confirm the conditions which pertain to your relocation. Your targeted start date is subject to our receipt from you of a signed copy of this letter, and the other contingencies set out in your offer letter. Once finalized, you will be considered an "at will" employee of Cognex Corporation. Position: Senior Vice President of Finance Effective Date: April 22, 2024 You will report to: Rob Willett Location: Natick, Massachusetts Relocation Support Aires: We have contracted with Aires' Corporation Relocation Services to provide you with a seamless integration into your new position in Natick, Massachusetts. You will be connected with a dedicated individual from Aires who will be your contact throughout your relocation. Specifically, you will be provided with a relocation allowance of up to USD \$60,000 (net) to be put towards the following relocation benefits: • Home Finding Trip: This will be for you and your spouse and will include an orientation and home search guidance through a destination provider. • Temporary Lodging: Cognex will reimburse temporary accommodations for a period of up to 90 days for you and your family. • Shipment of Household Goods: Cognex will assist with the movement of the contents of your current home to the new location. All shipping arrangements are made with and through Aires. • Final Move Expenses: Cognex will reimburse reasonable expenses incurred in moving your family to the new location using the most direct route according to the company travel policy. Home Sale: Cognex will assist with the selling of your home in your old location up to \$75,000 (net of all applicable taxes) inclusive of all realtor and transaction costs. All invoices submitted for your relocation budget must be submitted directly to Aires. Please ensure that anything business related is processed through Concur, and anything relocation related is processed through Aires. Please touch base with Thassia Gunn if you have any questions as to where an expense should fall.



slide2

Cognex Corporation One Vision Drive Natick, MA 01760-2059 (508) 650-3000 fax (508) 650-3333 www.cognex.com Reimbursement In the event you voluntarily terminate your employment with Cognex prior to October 31, 2028, you will be responsible for the reimbursement of all or a portion of the relocation expenses paid by Cognex in accordance with the Repayment Agreement attached as Exhibit A. Further, in the event you voluntarily terminate your employment with

Cognex prior to April 22, 2026, you will be responsible for the reimbursement of all or a portion of your \$170,000 guaranteed bonus payment in accordance with the Repayment Agreement attached as Exhibit A. Congratulations Dennis! We look forward to you joining the team as we carry on in our quest for greatness in the world of machine vision. Sincerely, /s/ Rob Willett Rob Willett CEO & President Cognex Corporation Please indicate your agreement to this letter, including your agreement to the attached Repayment Agreement, by signing below and returning this letter as soon as possible. /s/ Dennis Fehr Dennis Fehr



slide3

Cognex Corporation One Vision Drive Natick, MA 01760-2059 (508) 650-3000 fax (508) 650-3333 www.cognex.com Exhibit A REPAYMENT AGREEMENT Dennis Fehr [Address] As consideration for the relocation benefits of up to \$60,000 which Cognex Corporation ("Cognex") has agreed to pay me, Dennis Fehr, pursuant to this relocation letter, as well as the 2024 \$170,000 guaranteed bonus payment which Cognex has agreed to pay me within 30 days of my start date (the "Guaranteed Bonus"), I agree that if I voluntarily terminate my employment prior to October 31, 2027, I will reimburse Cognex for 100% of relocation expenses incurred by Cognex. Additionally, I agree that if I voluntarily terminate my employment after October 31, 2027, but prior to October 31, 2028, I will reimburse Cognex for 50% of the relocation expenses incurred by Cognex. Examples of expenses which must be repaid to Cognex include, but are not limited to, temporary housing, house hunting trips, lump sum payments and actual moving expenses. Further, I agree that if I voluntarily terminate my employment within twelve (12) months of April 22, 2024, I will reimburse Cognex for 100% of the Guaranteed Bonus. I also agree that if I voluntarily terminate my employment anytime within twelve to twenty-four (12-24) months from April 22, 2024, I will reimburse Cognex for 50% of the Guaranteed Bonus. Any reimbursement I owe to Cognex pursuant to this paragraph is to be paid as follows: one-half of the amount(s) owed must be paid on my last day of employment, the balance(s) must be paid no later than 60 days after my last day of employment. If Cognex incurs any costs or expenses, including but not limited to attorneys' fees, in the collection of this debt, I agree to pay the attorneys' fees and expenses associated with the collection of this debt. In addition, if I am late in making payments or fail to make any payments under this Agreement, Cognex may, in its sole discretion, make all monies owed immediately due and payable. This Repayment Agreement in no way modifies my status as an at-will employee. I understand that this Repayment Agreement is not to be construed and is not a guarantee that I will continue to be employed for any period of time. I further understand that I can be terminated at any time, with or without cause, at the sole discretion of Cognex.

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Exhibit 31.1

CERTIFICATION

I, Robert J. Willett, certify that:

- 1 I have reviewed this quarterly report on Form 10-Q of Cognex Corporation;
- 2 Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3 Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4 The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5 The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 1, October 31, 2024

By: /s/ Robert J. Willett

Robert J. Willett
President and Chief Executive Officer
(Principal Executive Officer)

CERTIFICATION

I, Dennis Fehr, certify that:

- 1 I have reviewed this quarterly report on Form 10-Q of Cognex Corporation;
- 2 Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3 Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4 The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5 The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 1, October 31, 2024

By: /s/ Dennis Fehr

Dennis Fehr

Senior Vice President of Finance and Chief Financial Officer

(Principal Financial Officer)

CERTIFICATION PURSUANT TO
18 U.S.C. 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

The undersigned officer of Cognex Corporation (the "Company") hereby certifies to his knowledge that the Company's quarterly report on Form 10-Q for the quarterly period ended June 30, 2024 September 29, 2024 (the "Report"), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: August 1, October 31, 2024

By: /s/ Robert J. Willett

Robert J. Willett

President and Chief Executive Officer

(Principal Executive Officer)

* This certification shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liability of that section, nor shall it be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934.

Exhibit 32.2*

CERTIFICATION PURSUANT TO
18 U.S.C. 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

The undersigned officer of Cognex Corporation (the "Company") hereby certifies to his knowledge that the Company's quarterly report on Form 10-Q for the quarterly period ended **June 30, 2024** **September 29, 2024** (the "Report"), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: **August 1, October 31, 2024**

By: /s/ Dennis Fehr

Dennis Fehr

Senior Vice President of Finance and Chief Financial Officer

(Principal Financial Officer)

* This certification shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liability of that section, nor shall it be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934.

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