# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

# Washington, D.C. 20549 FORM 10-O

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

FOR THE QUARTERLY PERIOD ENDED JULY 2, 2022

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 000-18032



LATTICE SEMICONDUCTOR CORPORATION

(Exact name of Registrant as specified in its charter)

State of Delaware (State or other jurisdiction of incorporation or organization) 93-0835214 (I.R.S. Employer Identification No.)

97124

(Zip Code)

5555 NE Moore Court, Hillsboro, OR (Address of principal executive offices)

(503) 268-8000

(Registrant's telephone number, including area code)

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

<u>Title of each class</u> Common Stock, \$.01 par value Trading Symbol LSCC Name of each exchange on which registered Nasdaq Global Select Market

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  $\boxtimes$  No  $\square$ 

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  $\boxtimes$  Non-accelerated filer  $\square$ 

Accelerated filer  $\Box$ Smaller reporting company  $\Box$ Emerging growth company  $\Box$ 

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 🗵

Number of shares of common stock outstanding as of July 28, 2022

137,316,786

# LATTICE SEMICONDUCTOR CORPORATION QUARTERLY REPORT ON FORM 10-Q TABLE OF CONTENTS

	Note Regarding Forward-Looking Statements	<u>3</u>
PART I.	FINANCIAL INFORMATION	Page
ltem 1.	Financial Statements	<u>4</u>
	Consolidated Statements of Operations – Three and Six Months Ended July 2, 2022 and July 3, 2021 (unaudited)	<u>4</u>
	Consolidated Statements of Comprehensive Income – Three and Six Months Ended July 2, 2022 and July 3, 2021 (unaudited)	<u>5</u>
	Consolidated Balance Sheets – July 2, 2022 and January 1, 2022 (unaudited)	<u>6</u>
	Consolidated Statements of Cash Flows – Six Months Ended July 2, 2022 and July 3, 2021 (unaudited)	<u>7</u>
	Consolidated Statements of Stockholders' Equity – Three and Six Months Ended July 2, 2022 and July 3, 2021 (unaudited)	<u>8</u>
	Notes to Consolidated Financial Statements (unaudited)	<u>10</u>
Item 2.	Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>18</u>
Item 3.	Quantitative and Qualitative Disclosures About Market Risk	<u>26</u>
Item 4.	Controls and Procedures	<u>26</u>
PART II.	OTHER INFORMATION	
ltem 1.	Legal Proceedings	<u>27</u>
Item 1A.	Risk Factors	<u>27</u>
Item 2.	Unregistered Sales of Equity Securities and Use of Proceeds	<u>27</u>
Item 6.	Exhibits	<u>28</u>
	Signatures	<u>29</u>
	- 2 -	

#### Note Regarding Forward-Looking Statements

This Quarterly Report on Form 10-Q contains forward-looking statements that involve estimates, assumptions, risks, and uncertainties. Any statements about our expectations, beliefs, plans, objectives, assumptions, or future events or performance are not historical facts and may be forward-looking. We use words or phrases such as "anticipate," "believe," "could," "estimate," "intend," "plan," "possible," "predict," "projects," "may," "will," "should," "continue," "ongoing," "future," "potential," and similar words or phrases to identify forward-looking statements.

Forward-looking statements include, but are not limited to, statements about: our target or expected financial performance and our ability to achieve those results; future impacts of the ongoing COVID-19 pandemic, including as a result of actions by governments, businesses, and individuals in response to the situation, on consumer, industrial, labor, and financial markets, our business operations, supply chain and partners, financial performance, results of operations, financial position, and the achievement of our strategic objectives; future impacts of the military conflict between Ukraine and Russia; our opportunities to increase our addressable market: our expectations and strategies regarding market trends and opportunities, including market segment drivers such as 5G infrastructure deployments, cloud and enterprise servers, client computing platforms, industrial Internet of Things, factory automation, automotive electronics, smart homes and prosumers; our expectations regarding our customer base; our expectations regarding product offerings; our gross margin growth and our strategies to achieve gross margin growth and other financial results; our future investments in research and development, and our research and development expense efficiency; future financial results or accounting treatments; our judgments involved in accounting matters, including revenue recognition, inventories and cost of revenue, and income taxes; actions we may take regarding the design and continued effectiveness of our internal controls over financial reporting; our use of cash; our beliefs regarding the adequacy of our liquidity, capital resources and facilities; whether we will consider and act upon acquisition opportunities to extend our product, technology and product offerings; the expected costs of our restructuring plans; our expectations regarding taxes, including unrecognized tax benefits, and tax adjustments and allowances; whether we will pursue future stock repurchases and how any future repurchases will be funded; our ability to prevent and respond to information technology system failures, security breaches and incidents, cyber-attacks or fraud; the impact of laws and regulations addressing privacy, data protection, and cybersecurity and our ability to comply with the same; and our beliefs regarding legal proceedings.

These forward-looking statements are based on estimates and assumptions that are subject to risks and uncertainties that could cause actual results to differ materially from those statements expressed in the forward-looking statements. The key factors, among others, that could cause our actual results to differ materially from the forward-looking statements include the effects of the ongoing COVID-19 pandemic and the actions by governments, businesses, and individuals in response to the situation, the effects of which may give rise to or amplify the risks associated with many of these factors listed here; global economic conditions and uncertainty; and other factors more fully described herein or that are otherwise described from time to time in our filings with the Securities and Exchange Commission ("SEC"), including, but not limited to, the items discussed in Part I, Item 1A, "Risk Factors," in our Annual Report on Form 10-K for the fiscal year ended January 1, 2022 filed with the SEC on February 23, 2022 and any additional or updated risk factors discussed in any subsequent Quarterly Report on Form 10-Q filed since that date.

You should not unduly rely on forward-looking statements because our actual results could differ materially from those expressed by us. In addition, any forward-looking statement applies only as of the date of this filing. We do not plan to, and undertake no obligation to, update any forward-looking statements to reflect new information or new events, circumstances or developments, or otherwise.

- 3 -

# PART I. FINANCIAL INFORMATION

# **ITEM 1. FINANCIAL STATEMENTS**

# LATTICE SEMICONDUCTOR CORPORATION CONSOLIDATED STATEMENTS OF OPERATIONS (unaudited)

	Three Mon	ths E	nded	Six Mont	ns En	S Ended		
(In thousands, except per share data)	 July 2, 2022		July 3, 2021	 July 2, 2022		July 3, 2021		
Revenue	\$ 161,372	\$	125,905	\$ 311,887	\$	241,621		
Cost of revenue	50,887		48,721	100,635		93,851		
Gross margin	 110,485		77,184	211,252		147,770		
Operating expenses:								
Research and development	33,613		27,454	66,168		51,520		
Selling, general, and administrative	29,024		25,607	57,795		50,699		
Amortization of acquired intangible assets	870		603	2,039		1,206		
Restructuring charges	136		204	190		380		
Acquisition related charges	 56			 511		—		
Total operating expenses	63,699		53,868	126,703		103,805		
Income from operations	46,786		23,316	 84,549		43,965		
Interest expense	(891)		(702)	(1,599)		(1,420)		
Other (expense) income, net	(243)		(135)	(265)		(297)		
Income before income taxes	45,652		22,479	 82,685		42,248		
Income tax expense	1,120		641	2,075		1,597		
Net income	\$ 44,532	\$	21,838	\$ 80,610	\$	40,651		
Net income per share:								
Basic	\$ 0.32	\$	0.16	\$ 0.59	\$	0.30		
Diluted	\$ 0.32	\$	0.15	\$ 0.57	\$	0.29		
Shares used in per share calculations:								
Basic	 137,424		136,388	 137,462		136,394		
Diluted	 140,170		141,491	 140,657		141,637		

See Accompanying Notes to Unaudited Consolidated Financial Statements.

- 4 -

# LATTICE SEMICONDUCTOR CORPORATION CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

|--|

	Three Mon	ths I	Ended	Six Mont	is Ended		
(In thousands)	 July 2, 2022		July 3, 2021	July 3, 2021			
Net income	\$ 44,532	\$	21,838	\$ 80,610	\$	40,651	
Other comprehensive income (loss):							
Translation adjustment	(975)		188	(1,228)		(49)	
Comprehensive income	\$ 43,557	\$	22,026	\$ 79,382	\$	40,602	

See Accompanying Notes to Unaudited Consolidated Financial Statements.

- 5 -

# LATTICE SEMICONDUCTOR CORPORATION CONSOLIDATED BALANCE SHEETS (unaudited)

(In thousands, except share and par value data)		July 2, 2022	J	anuary 1, 2022
ASSETS				
Current assets:				
Cash and cash equivalents	\$	117,882	\$	131,570
Accounts receivable, net of allowance for credit losses		93,380		79,859
Inventories, net		77,478		67,594
Prepaid expenses and other current assets		25,720		22,328
Total current assets		314,460		301,351
Property and equipment, less accumulated depreciation of \$114,067 at July 2, 2022 and \$109,905 at January 1, 2022		42.741		38,094
Operating lease right-of-use assets		20,407		23,818
Intangible assets, net		27,218		29,782
Goodwill		315,358		315,358
Other long-term assets		16,944		18,091
Total assets	\$	737,128	\$	726,494
	<u>+</u>	,	<u> </u>	. 20, 10 .
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Accounts payable	\$	39,336	\$	34,597
Accrued expenses	+	29,082	+	26,444
Accrued payroll obligations		20,798		27,967
Current portion of long-term debt		17,192		17,173
Total current liabilities		106,408		106,181
Long-term debt, net of current portion		132,159		140,760
Long-term operating lease liabilities, net of current portion		15,917		19,248
Other long-term liabilities		46,723		48,672
Total liabilities		301,207		314,861
Contingencies (Note 12)		· · · · ·		
Stockholders' equity:				
Preferred stock, \$.01 par value, 10,000,000 shares authorized, none issued and				
outstanding				_
Common stock, \$.01 par value, 300,000,000 shares authorized; 137,263,000 shares				
issued and outstanding as of July 2, 2022 and 137,239,000 shares issued and				
outstanding as of January 1, 2022		1,373		1,372
Additional paid-in capital		646,593		701,688
Accumulated deficit		(209,366)		(289,976)
Accumulated other comprehensive loss		(2,679)		(1,451)
Total stockholders' equity		435,921		411,633
Total liabilities and stockholders' equity	\$	737,128	\$	726,494

See Accompanying Notes to Unaudited Consolidated Financial Statements.

- 6 -

# LATTICE SEMICONDUCTOR CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS (unaudited)

		Six Mont	ns Ende	ed
	J	luly 2,		July 3,
(In thousands)		2022		2021
Cash flows from operating activities:				
Net income	\$	80,610	\$	40,651
Adjustments to reconcile net income to net cash provided by (used in) operating activities:				
Depreciation and amortization		14,272		11,759
Stock-based compensation expense		27,249		22,374
Amortization of right-of-use assets		3,358		3,291
Other non-cash adjustments		87		92
Changes in assets and liabilities:				
Accounts receivable, net		(13,521)		(6,638)
Inventories, net		(9,884)		(985)
Prepaid expenses and other assets		(1,781)		(1,063)
Accounts payable		4,739		6,950
Accrued expenses		(1,405)		(31)
Accrued payroll obligations		(7,169)		(2,450)
Operating lease liabilities, current and long-term portions		(3,637)		(3,246)
Net cash provided by (used in) operating activities		92,918		70,704
Cash flows from investing activities:				
Capital expenditures		(8,917)		(4,413)
Cash paid for software and intellectual property licenses		(5,368)		(6,377)
Net cash provided by (used in) investing activities		(14,285)		(10,790)
Cash flows from financing activities:				
Restricted stock unit tax withholdings		(35,763)		(13,923)
Proceeds from issuance of common stock		3,581		3,948
Repurchase of common stock		(50,161)		(40,113)
Repayment of long-term debt		(8,750)		(4,375)
Net cash provided by (used in) financing activities		(91,093)		(54,463)
Effect of exchange rate change on cash		(1,228)		(49)
Net increase (decrease) in cash and cash equivalents		(13,688)		5,402
Beginning cash and cash equivalents		131,570		182,332
Ending cash and cash equivalents	\$	117,882	\$	187,734
	<u>-</u>		<u> </u>	
Supplemental disclosure of cash flow information and non-cash investing and				
financing activities:				
Interest paid	\$	1.337	\$	1.180
Operating lease payments	\$	3,706	≎ \$	3,984
Income taxes paid, net of refunds	\$	2,355	\$	1,805
Accrued purchases of plant and equipment	\$	3,019	\$	253
Operating lease right-of-use assets obtained in exchange for lease obligations	\$	476	\$	7.459
Operating lease right-of-use assets obtained in exchange for lease obligations	\$	476	\$	7,459

See Accompanying Notes to Unaudited Consolidated Financial Statements.

#### - 7 -

### LATTICE SEMICONDUCTOR CORPORATION CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (unaudited)

# The following summarizes the changes in total equity for the six-month period ended July 2, 2022:

	Common Sto	•	6.01 par	 dditional Paid-in	Ace	cumulated	C	umulated Other rehensive	
(In thousands, except par value data)	Shares	Ar	nount	Capital		Deficit	I	Loss	Total
Balances, January 1, 2022	137,239	\$	1,372	\$ 701,688	\$	(289,976)	\$	(1,451)	\$ 411,633
Components of comprehensive income, net of tax:									
Net income for the six months ended July 2, 2022	_		_			80,610			80,610
Other comprehensive income (loss)	_		—			_		(1,228)	 (1,228)
Total comprehensive income									 79,382
Common stock issued in connection with employee equity incentive plans, net of shares withheld for									
employee taxes	1,002		11	(32,193)		_		_	(32,182)
Stock-based compensation expense	_		_	27,249		_			27,249
Repurchase of common stock	(978)		(10)	 (50,151)				_	 (50,161)
Balances, July 2, 2022	137,263	\$	1,373	\$ 646,593	\$	(209,366)	\$	(2,679)	\$ 435,921

# The following summarizes the changes in total equity for the six-month period ended July 3, 2021:

	Common Sto val	•	\$.01 par	 dditional Paid-in	Ac	cumulated	 ccumulated Other nprehensive	
(In thousands, except par value data)	Shares	Α	mount	Capital		Deficit	Loss	Total
Balances, January 2, 2021	136,236	\$	1,362	\$ 770,711	\$	(385,898)	\$ (1,748)	\$ 384,427
Components of comprehensive income, net of tax:								
Net income for the six months ended July 3, 2021	_		_	_		40,651		40,651
Other comprehensive income (loss)			—			_	(49)	(49)
Total comprehensive income								 40,602
Common stock issued in connection with employee equity incentive plans, net of shares withheld for								
employee taxes	937		9	(9,984)		_	_	(9,975)
Stock-based compensation expense	_		_	22,374		—		22,374
Repurchase of common stock	(829)		(8)	 (40,105)			 	 (40,113)
Balances, July 3, 2021	136,344	\$	1,363	\$ 742,996	\$	(345,247)	\$ (1,797)	\$ 397,315

# See Accompanying Notes to Unaudited Consolidated Financial Statements.

- 8 -

# LATTICE SEMICONDUCTOR CORPORATION CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (continued) (unaudited)

### The following summarizes the changes in total equity for the three-month period ended July 2, 2022:

	Common Sto val	•	\$.01 par	 dditional Paid-in	Ac	cumulated	 ccumulated Other mprehensive	
(In thousands, except par value data)	Shares	Α	mount	Capital		Deficit	Loss	Total
Balances, April 2, 2022	137,597	\$	1,376	\$ 675,781	\$	(253,898)	\$ (1,704)	\$ 421,555
Components of comprehensive income, net of tax:								
Net income for the three months ended July 2,								
2022	_		—			44,532	_	44,532
Other comprehensive income (loss)	—		_	_		_	(975)	 (975)
Total comprehensive income								 43,557
Common stock issued in connection with employee equity incentive plans, net of shares withheld for								
employee taxes	400		5	(7,159)		_	_	(7,154)
Stock-based compensation expense	_		—	13,124		_	_	13,124
Repurchase of common stock	(734)		(8)	 (35,153)		—	 —	 (35,161)
Balances, July 2, 2022	137,263	\$	1,373	\$ 646,593	\$	(209,366)	\$ (2,679)	\$ 435,921

### The following summarizes the changes in total equity for the three-month period ended July 3, 2021:

	Common Sto val	•	\$.01 par	 dditional Paid-in	Ac	cumulated	 ccumulated Other mprehensive	
(In thousands, except par value data)	Shares	Α	mount	Capital		Deficit	Loss	Total
Balances, April 3, 2021	136,401	\$	1,364	\$ 759,291	\$	(367,085)	\$ (1,985)	\$ 391,585
Components of comprehensive income, net of tax:						, í	, ,	
Net income for the three months ended July 3,								
2021	_			_		21,838	_	21,838
Other comprehensive income (loss)			—			_	188	188
Total comprehensive income								 22,026
Common stock issued in connection with employee equity incentive plans, net of shares withheld for								
employee taxes	465		4	(3,109)		_	_	(3,105)
Stock-based compensation expense	_		—	11,920		_	_	11,920
Repurchase of common stock	(522)		(5)	 (25,106)		—	 —	 (25,111)
Balances, July 3, 2021	136,344	\$	1,363	\$ 742,996	\$	(345,247)	\$ (1,797)	\$ 397,315

# See Accompanying Notes to Unaudited Consolidated Financial Statements.

- 9 -

# LATTICE SEMICONDUCTOR CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### Note 1 - Basis of Presentation

Lattice Semiconductor Corporation and its subsidiaries ("Lattice," the "Company," "we," "us," or "our") develop technologies that we monetize through differentiated programmable logic semiconductor products, silicon-enabling products, system solutions, design services, and licenses.

#### **Basis of Presentation and Use of Estimates**

The accompanying Consolidated Financial Statements are unaudited and have been prepared in accordance with U.S. Generally Accepted Accounting Principles ("U.S. GAAP") and pursuant to the rules and regulations of the Securities and Exchange Commission ("SEC"). In our opinion, they include all adjustments, consisting only of normal recurring adjustments, necessary for the fair presentation of results for the interim periods. Certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. GAAP have been condensed or omitted as permitted by the SEC's rules and regulations for interim reporting. These Consolidated Financial Statements should be read in conjunction with our audited financial statements and notes thereto included in our Annual Report on Form 10-K for the year ended January 1, 2022 ("2021 10-K").

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and judgments affecting the amounts reported in our consolidated condensed financial statements and the accompanying notes. We base our estimates and judgments on historical experience, knowledge of current conditions, and our beliefs of what could occur in the future considering available information. While we believe that our estimates, assumptions, and judgments are reasonable, they are based on information available when made, and because of the uncertainty inherent in these matters, the actual results that we experience may differ materially from these estimates under different assumptions or conditions. We evaluate our estimates and judgments on an ongoing basis.

We describe our accounting methods and practices in more detail in our 2021 10-K. There have been no changes to the significant accounting policies, procedures, or general information described in our 2021 10-K that have had a material impact on our consolidated financial statements and related notes. The purchase price allocation for our acquisition of Mirametrix, Inc. in November 2021 has been substantially completed, but may be subject to revision as we perform and complete more detailed analysis of certain tax matters. Certain prior year balances have been reclassified to conform to the current year's presentation.

#### **Fiscal Reporting Periods**

We report based on a 52 or 53-week fiscal year ending on the Saturday closest to December 31. Our fiscal 2022 will be a 52-week year and will end on December 31, 2022, and our fiscal 2021 was a 52-week year that ended January 1, 2022. Our second quarter of fiscal 2022 and second quarter of fiscal 2021 ended on July 2, 2022 and July 3, 2021, respectively. All references to quarterly financial results are references to the results for the relevant 13-week or 26-week fiscal period.

#### **Concentrations of Risk**

Potential exposure to concentrations of risk may impact revenue and accounts receivable. Distributors have historically accounted for a significant portion of our total revenue. Revenue attributable to distributors as a percentage of total revenue was 89% and 88% for the second quarter of fiscal 2022 and 2021, respectively, and 90% and 87% for the six months ended July 2, 2022 and July 3, 2021, respectively. Distributors also account for a substantial portion of our net accounts receivable. Our two largest distributors accounted for 42% and 40% of net accounts receivable at July 2, 2022 and 59% and 28% of net accounts receivable at January 1, 2022.

### Note 2 - Net Income per Share

Our calculation of the diluted share count includes the number of shares from our equity awards with market conditions or performance conditions that would be issuable under the terms of such awards at the end of the reporting period. For equity awards with a market condition, the number of shares included in the diluted share count as of the end of each period presented is determined by measuring the achievement of the market condition as of the end of the respective reporting periods. For equity awards with a performance condition, the number of shares that qualified for vesting as of the end of each period presented are included in the diluted share count when the condition for their issuance was satisfied by the end of the respective reporting periods. See "Note 9 - Stock-Based Compensation" to our consolidated financial statements for further discussion of our equity awards with market conditions or performance conditions.

#### Table of Contents

A summary of basic and diluted Net income per share is presented in the following table:

		Three Mon	ths E	nded		Six Mont	hs En	ded		
(in thousands, except per share data)						July 2, 2022		•		July 3, 2021
Net income	\$	\$ 44,532 \$		\$ 21,838		80,610	\$	40,651		
Shares used in basic Net income per share		137,424		136,388		137,462		136,394		
Dilutive effect of stock options, RSUs, ESPP shares, and equity awards with a market condition or performance condition		2,746		5,103		3,195		5,243		
Shares used in diluted Net income per share	_	140,170		141,491		140,657		141,637		
Basic Net income per share	\$	0.32	\$	0.16	\$	0.59	\$	0.30		
Diluted Net income per share	\$	0.32	\$	0.15	\$	0.57	\$	0.29		

The computation of diluted Net income per share excludes the effects of stock options, restricted stock units ("RSUs"), Employee Stock Purchase Plan ("ESPP") shares, and equity awards with a market condition or performance condition that are antidilutive, aggregating approximately the following number of shares:

	Three Montl	hs Ended	Six Months	s Ended
(in thousands)	July 2, 2022	July 3, 2021	July 2, 2022	July 3, 2021
Stock options, RSUs, ESPP shares, and equity awards with a market condition or performance condition excluded as they are antidilutive	558	124	442	96

### Note 3 - Revenue from Contracts with Customers

#### **Disaggregation of revenue**

The following tables provide information about revenue from contracts with customers disaggregated by major class of revenue, revenue by channel, and by geographical market, based on ship-to location of the customer:

	Tł	hree Mont	ths E	Ended		Six Months Ended					
<b>Revenue by Channel</b> (In thousands)	 July 2, 2022			July 3, 2021			July 2, 2022			July 3, 2021	
Product revenue - Distributors	\$ 143,705	89%	\$	111,168	88%	\$	279,118	90%	\$	209,947	87%
Product revenue - Direct	13,895	9%		11,368	9%		25,460	8%		24,181	10%
Licensing and services	3,772	2%		3,369	3%		7,309	2%		7,493	3%
Total revenue	\$ 161,372	100%	\$	125,905	100%	\$	311,887	100%	\$	241,621	100%
Revenue by Geographical Market											
(In thousands)											
United States	\$ 21,371	13%	\$	11,672	9%	\$	39,074	13%	\$	20,782	9%
Other Americas	 911	1%		6,154	5%		4,748	1%		12,887	5%
Americas	 22,282	14%		17,826	14%		43,822	14%		33,669	14%
China	80,735	50%		64,821	52%		156,166	50%		131,940	54%
Japan	16,957	10%		8,836	7%		35,860	12%		16,613	7%
Other Asia	21,028	13%		22,798	18%		35,446	11%		36,292	15%
Asia	118,720	73%		96,455	77%		227,472	73%		184,845	76%
Europe	 20,370	13%		11,624	9%		40,593	13%		23,107	10%
Total revenue	\$ 161,372	100%	\$	125,905	100%	\$	311,887	100%	\$	241,621	100%

#### **Contract balances**

Our contract assets relate to our rights to consideration for licenses and royalties due to us as a member of the HDMI Founders consortium. The balance results primarily from the amount of estimated revenue related to HDMI that we have recognized to date, but which has not yet been collected from the customers of the HDMI licensing agent. Contract assets are included in Prepaid expenses and other current assets on our Consolidated Balance Sheets. The following table summarizes activity during the first six months of fiscal 2022:

(In thousands)	
Contract assets as of Year Ended January 1, 2022	\$ 5,672
Revenues recorded during the period	6,479
Transferred to Accounts receivable or collected	(7,533)
Contract assets as of July 3, 2022	\$ 4,618

Contract liabilities are included in Accrued expenses on our Consolidated Balance Sheets. The following table summarizes activity during the first six months of fiscal 2022:

(In thousands)	
Contract liabilities as of Year Ended January 1, 2022	\$ 4,768
Accruals for estimated future stock rotation and scrap returns	2,589
Less: Release of accruals for recognized stock rotation and scrap returns	(2,075)
Contract liabilities as of July 3, 2022	\$ 5,282

#### Note 4 - Balance Sheet Components

#### **Accounts Receivable**

Accounts receivable do not bear interest and are shown net of an allowance for expected lifetime credit losses, which reflects our best estimate of probable losses inherent in the accounts receivable balance, as described in our 2021 10-K.

(In thousands)	July 2, 2022	J	anuary 1, 2022
Accounts receivable	\$ 93,380	\$	79,859
Less: Allowance for credit losses	 —		
Accounts receivable, net of allowance for credit losses	\$ 93,380	\$	79,859

#### Inventories

	July 2,		January 1,		
(In thousands)	2022		2022		
Work in progress	\$	53,065	\$	43,546	
Finished goods	:	24,413		24,048	
Total inventories, net	\$	77,478	\$	67,594	

#### **Accrued Expenses**

Included in Accrued expenses in the Consolidated Balance Sheets are the following balances:

(In thousands)	Ju 20	January 1, 2022		
Liability for non-cancelable contracts	\$	10,297	\$	9,930
Current portion of operating lease liabilities		5,867		5,696
Contract liability under ASC 606		5,282		4,768
Other accrued expenses		7,636		6,050
Total accrued expenses	\$	29,082	\$	26,444



#### Property and Equipment – Geographic Information

Our Property and equipment, net by country at the end of each period was as follows:

(In thousands)	յլ 2	January 1, 2022		
United States	\$	29,184	\$	26,509
Taiwan		7,898		6,555
Philippines		3.140		2,498
China		1,495		1,643
Other		1,024		889
Total foreign property and equipment, net		13,557		11,585
Total property and equipment, net	\$	42,741	\$	38,094

#### **Cloud Based Computing Implementation Costs**

We capitalize the implementation costs for cloud computing arrangements, which are recorded in Prepaid expenses and other current assets and Other long-term assets on our Consolidated Balance Sheets. The following table summarizes activity during the first six months of fiscal 2022:

(In thousands)	
Cloud based computing implementation costs as of January 1, 2022	\$ 2,380
Costs capitalized	45
Amortization	(411)
Cloud based computing implementation costs as of July 2, 2022	\$ 2,014

# Note 5 - Long-Term Debt

On May 17, 2019, we entered into a credit agreement (the "Current Credit Agreement"), which provides for a five-year secured term loan facility in an aggregate principal amount of \$175.0 million and a five-year secured revolving loan facility in an aggregate principal amount of up to \$75.0 million. Details of the term loan and the revolving loan (collectively, "long-term debt"), including the basis for interest, payment terms, and covenants are described in the Current Credit Agreement.

During the first six months of fiscal 2022, we paid required quarterly installments totaling \$8.8 million on our long-term debt. The fair value of our long-term debt approximates the carrying value, which is reflected in our Consolidated Balance Sheets as follows:

(In thousands)	 July 2, 2022	J	anuary 1, 2022
Principal amount	\$ 150,000	\$	158,750
Unamortized original issuance discount and debt costs	(649)		(817)
Less: Current portion of long-term debt	 (17,192)		(17,173)
Long-term debt, net of current portion and unamortized debt issue costs	\$ 132,159	\$	140,760

As of July 2, 2022, the effective interest rate on the term loan was 3.13%, and the effective interest rate on the revolving loan was 2.92%. We pay a commitment fee of 0.20% on the unused portion of the revolving loan. Interest expense related to our long-term debt was included in Interest expense on our Consolidated Statements of Operations as follows:

	Three Months Ended			Six Months			s Ended	
(In thousands)	July 2, July 3, July 2, 2022 2021 2022				July 3, 2021			
Contractual interest	\$	800	\$	588	\$	1,362	\$	1,185
Amortization of original issuance discount and debt costs		83		92		168		184
Total interest expense related to long-term debt	\$	883	\$	680	\$	1,530	\$	1,369



#### **Table of Contents**

Expected future principal payments are based on the schedule of required quarterly installments. As of July 2, 2022, expected future principal payments on our long-term debt were as follows:

Fiscal year	(in thousands)
2022 (Remaining 2 quarters)	8,750
2023	17,500
2024	123,750
	\$ 150,000

### Note 6 - Restructuring

Under the Q1 2020 Plan, which is described in the 2021 10-K, we recorded no expense and less than \$0.1 million of expense during the second quarter of fiscal 2022 and 2021, respectively; and we recorded a credit adjustment of approximately \$0.1 million and less than \$0.1 million of expense in the first six months of fiscal 2022 and 2021, respectively. Approximately \$2.1 million of total expense has been incurred through July 2, 2022 under the Q1 2020 Plan. All actions planned under the Q1 2020 Plan have been implemented.

Under the June 2017 Plan, which is described in the 2021 10-K, we incurred restructuring expense related to our partially vacated facility in San Jose, California of approximately \$0.1 million and approximately \$0.2 million during the second quarter of fiscal 2022 and 2021, respectively; and approximately \$0.3 million and approximately \$0.4 million during the first six months of fiscal 2022 and 2021, respectively. We have incurred approximately \$21.9 million of total expense through July 2, 2022 under the June 2017 Plan, and all planned actions have been implemented. We expect the total cost of the June 2017 Plan to be approximately \$22.0 million to \$23.5 million as ROU asset amortization expenses related to our partially vacated facility in San Jose, California will be incurred over the remaining lease term.

These expenses were recorded to Restructuring charges on our Consolidated Statements of Operations. The restructuring accrual balance is presented in Accrued expenses and in Other long-term liabilities on our Consolidated Balance Sheets. The following table displays the activity related to our restructuring plans:

(In thousands)	 verance & elated (1)	Lease rmination & ixed Assets	Other (2)	Total
Accrued Restructuring at January 1, 2022	\$ 251	\$ 7,130	\$ _	\$ 7,381
Restructuring charges	(97)	287	—	190
Costs paid or otherwise settled	 (154)	 (885)	 —	 (1,039)
Accrued Restructuring at July 2, 2022	\$ 	\$ 6,532	\$ 	\$ 6,532
Accrued Restructuring at January 2, 2021	\$ 246	\$ 8,233	\$ 664	\$ 9,143
Restructuring charges	17	363	—	380
Costs paid or otherwise settled	 (10)	 (896)	 (664)	 (1,570)
Accrued Restructuring at July 3, 2021	\$ 253	\$ 7,700	\$ 	\$ 7,953

(1) Includes employee relocation and outplacement costs

(2) Includes termination fees on the cancellation of certain contracts under previous restructuring plans

#### Note 7 - Leases

We have operating leases for corporate offices, sales offices, research and development facilities, storage facilities, and a data center, the terms of which are described in our 2021 10-K. All of our facilities are leased under operating leases, which expire at various times through 2028, with a weighted-average remaining lease term of 3.8 years and a weighted-average discount rate of 5.4% as of July 2, 2022.

We recorded fixed operating lease expenses of \$1.9 million for the second quarter of both fiscal 2022 and 2021 and \$3.9 million for the first six months of both fiscal 2022 and 2021.

- 14 -

#### Table of Contents

The following table presents the lease balance classifications within the Consolidated Balance Sheets and summarizes their activity during the first six months of fiscal 2022:

Operating lease right-of-use assets	(in th	nousands)
Balance as of January 1, 2022	\$	23,818
Right-of-use assets obtained for new lease contracts during the period		476
Amortization of right-of-use assets during the period		(3,358)
Adjustments for present value and foreign currency effects		(529)
Balance as of July 2, 2022	\$	20,407

Operating lease liabilities	(in the	ousands)
Balance as of January 1, 2022	\$	24,944
Lease liabilities incurred for new lease contracts during the period		476
Accretion of lease liabilities		586
Operating cash used by payments on lease liabilities		(3,706)
Adjustments for present value and foreign currency effects		(516)
Balance as of July 2, 2022		21,784
Less: Current portion of operating lease liabilities (included in Accrued expenses)		(5,867)
Long-term operating lease liabilities, net of current portion	\$	15,917

Maturities of operating lease liabilities as of July 2, 2022 are as follows:

Fiscal year	(in thou	usands)
2022 (Remaining 2 quarters)		3,180
2023		7,459
2024		5,355
2025		3,636
2026		2,550
Thereafter		2,105
Total lease payments		24,285
Less: amount representing interest		(2,501)
Total lease liabilities	\$	21,784

Lease obligations for facilities restructured prior to the adoption of Topic 842 totaled approximately \$6.5 million at July 2, 2022 and continued to be recorded in Other long-term liabilities on our Consolidated Balance Sheets.

#### Note 8 - Intangible Assets

In connection with our acquisition of Mirametrix, Inc. in November 2021, we recorded identifiable intangible assets during fiscal year 2021. On our Consolidated Balance Sheets at July 2, 2022 and January 1, 2022, Intangible assets, net are shown net of accumulated amortization of \$138.1 million and \$135.5 million, respectively. In prior years, we entered into license agreements for third-party technology and have recorded them as intangible assets. These licenses are being amortized to Research and development expense over their estimated useful lives.

We recorded amortization expense related to intangible assets on the Consolidated Statements of Operations as presented in the following table:

	Three Months Ended					Six Mont	hs E	s Ended		
(In thousands)	July 2, July 2					July 2, 2022		July 3, 2021		
Research and development	\$	262	\$	223	\$	525	\$	421		
Amortization of acquired intangible assets		870		603		2,039		1,206		
	\$	1,132	\$	826	\$	2,564	\$	1,627		

- 15 -

# Note 9 - Stock-Based Compensation

Total stock-based compensation expense included in our Consolidated Statements of Operations is presented in the following table:

	Three Mor	nded	Six Mont	hs Er	nded	
(In thousands)	July 2, July 3, 2022 2021			 July 2, 2022		July 3, 2021
Cost of revenue	\$ 890	\$	825	\$ 1,825	\$	1,491
Research and development	4,691		3,969	9,536		6,736
Selling, general, and administrative	7,543		7,126	15,888		14,147
Total stock-based compensation	\$ 13,124	\$	11,920	\$ 27,249	\$	22,374

#### Market-Based and Performance-Based Stock Compensation

In the first quarter of fiscal 2022, we granted awards of RSUs with a market condition to certain executives. Under the terms of these grants, the RSUs with a market condition vest over a three-year period based on the Company's total shareholder return ("TSR") relative to the Russell 2000 index, which condition is measured for the grants on the third anniversary of the grant date. The awards may vest at 250% or 200%, depending upon the executive, if the 75th percentile of the market condition is achieved, with 100% of the units vesting at the 55th percentile, zero vesting if relative TSR is below the 25th percentile, and vesting scaling for achievement between the 25th and 75th percentile.

In the first six months of fiscal 2022, certain awards with a market condition or performance condition granted in prior fiscal years have vested. During the first quarter of fiscal 2022, the market condition for awards granted to certain executives in the first quarter of fiscal 2019 exceeded the 75th percentile of their TSR condition, and the third tranche of these awards vested at 200%. During the first quarter of fiscal 2022, the market condition for awards granted to certain executives in the first quarter of fiscal 2022, the market condition for awards granted to certain executives in the first quarter of fiscal 2020 exceeded the 75th percentile of their TSR condition, and the first tranche of these awards vested at 250% or 200%, as applicable for the respective executive. During the first quarter of fiscal 2022, the fourth tranche of 40% of the base number of the awards with an EBITDA performance condition vested, as the Company had met the adjusted EBITDA performance criteria on a trailing four-quarter periods as of the end of the previous quarter. During the second quarter of fiscal 2022, the fifth and sixth tranches of 40% and 70%, respectively, of the base number of the awards with an EBITDA performance condition vested, as the Company had met the final two adjusted EBITDA performance criteria on a trailing four-quarter basis for two consecutive trailing four-quarter periods as of the end of the previous quarter.

For our awards with a market condition or a performance condition, we incurred stock compensation expense of approximately \$6.0 million and \$6.7 million in the second quarter of fiscal 2022 and 2021, respectively, and of approximately \$12.9 million and \$11.3 million in the first six months of fiscal 2022 and 2021, respectively, which is recorded as a component of total stock-based compensation.

The following table summarizes the activity for our awards with a market condition or performance condition:

(Shares in thousands)	Total
Balance, January 1, 2022	1,246
Granted	183
Effect of vesting multiplier	516
Vested	(851)
Balance, July 2, 2022	1,094

# Note 10 - Common Stock Repurchase Program

On November 8, 2021, we announced that our Board of Directors had approved a stock repurchase program pursuant to which up to \$100 million of outstanding common stock could be repurchased from time to time (the "2022 Repurchase Program"). The duration of the 2022 Repurchase Program is through the end of December 2022. Under the 2022 Repurchase Program during the second quarter of fiscal 2022, we repurchased 734,292 shares for \$35.2 million, or an average price paid per share of \$47.88. During the first six months of fiscal 2022, we have repurchased a total of 978,355 shares for \$50.2 million, or an average price paid per share of \$51.27. As of July 2, 2022, the remaining portion of the amount authorized for the 2022 Repurchase Program is approximately \$40 million. All repurchases were open market transactions funded from available working capital. All shares repurchased pursuant to the 2022 Repurchase Program were retired by the end of the second quarter of 2022.

#### Note 11 - Income Taxes

We are subject to federal and state income tax as well as income tax in the foreign jurisdictions in which we operate. For the second quarter of fiscal 2022 and 2021, we recorded income tax expense of approximately \$1.1 million and \$0.6 million, respectively. For the first six months of fiscal 2022 and 2021, we recorded income tax expense of approximately \$2.1 million and \$1.6 million, respectively. Income taxes for the three- and six-month periods ended July 2, 2022 and July 3, 2021 represent tax at the federal, state, and foreign statutory tax rates in addition to withholding taxes, changes in uncertain tax positions, as well as other non-deductible items in foreign jurisdictions. The difference between the U.S. federal statutory tax rate of 21% and our effective tax rates for the three and six months ended July 2, 2022 and for the three and six months ended July 3, 2021 resulted primarily from U.S. valuation allowance, foreign withholding taxes, foreign rate differentials, and the discrete impacts of uncertain tax positions due to lapsing of the statute of limitations.

We updated our evaluation of the valuation allowance position in the United States through July 2, 2022 and concluded that we should continue to maintain a full valuation allowance against the net federal and state deferred tax assets. In making this evaluation, we exercised significant judgment and considered estimates about our ability to generate revenue and taxable profits sufficient to offset expenditures in future periods within the U.S. We will continue to evaluate both positive and negative evidence in future periods to determine if we will realize the net deferred tax assets. We do not have a valuation allowance in any foreign jurisdictions as we have concluded it is more likely than not that we will realize the net deferred tax assets in future periods.

Our liability recorded for uncertain tax positions (including penalties and interest) was \$21.3 million and \$21.6 million at July 2, 2022 and January 1, 2022, respectively, and is included as a component of Other long-term liabilities on our Consolidated Balance Sheets.

#### Note 12 - Contingencies

#### Legal Matters

On or about December 19, 2018, Steven A.W. De Jaray, Perienne De Jaray and Darrell R. Oswald (collectively, the "Plaintiffs") commenced an action against the Company and several unnamed defendants in the Multnomah County Circuit Court of the State of Oregon, in connection with the sale of certain products by the Company to the Plaintiffs in or around 2008. The Plaintiffs allege that we violated The Lanham Act, engaged in negligence and fraud by failing to disclose to the Plaintiffs the export-controlled status of the subject parts. The Plaintiffs seek damages of \$155 million to \$268 million, treble damages, and other remedies. In January 2019, we removed the action to the United States District Court for the District of Oregon. At this stage of the proceedings, we do not have an estimate of the likelihood or the amount of any potential exposure to the Company; however, we believe that these claims are without merit and intend to vigorously defend the action.

From time to time, we are exposed to certain additional asserted and unasserted potential claims. We review the status of each significant matter and assess its potential financial exposure. If the potential loss from any claim or legal proceeding is considered probable and a range of possible losses can be estimated, we then accrue a liability for the estimated loss. Legal proceedings are subject to uncertainties, and the outcomes are difficult to predict. Because of such uncertainties, accruals are based only on the best information available at the time. As additional information becomes available, we reassess the potential liability related to pending claims and litigation and may revise estimates.

- 17 -

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

The following discussion should be read along with the unaudited consolidated financial statements and notes thereto included in Part I, Item 1 of this Quarterly Report on Form 10-Q, as well as the audited consolidated financial statements and notes thereto and Management's Discussion and Analysis of Financial Condition and Results of Operations in our 2021 10-K.

#### Overview

Lattice Semiconductor Corporation and its subsidiaries ("Lattice," the "Company," "we," "us," or "our") develop technologies that we monetize through differentiated programmable logic semiconductor products, silicon-enabling products, system solutions, design services, and licenses. Lattice is the low power programmable leader. We solve customer problems across the network, from the Edge to the Cloud, in the growing communications, computing, industrial, automotive, and consumer markets. Our technology, long-standing relationships, and commitment to world-class support helps our customers quickly and easily unleash their innovation to create a smart, secure, and connected world.

Lattice has focused its strategy on delivering programmable logic products and related solutions based on low power, small size, and ease of use. We also serve our customers with intellectual property ("IP") licensing and various other services. Our product development activities include new proprietary products, advanced packaging, existing product enhancements, software development tools, soft IP, and system solutions for high-growth applications such as Edge Artificial Intelligence, 5G infrastructure, platform security, and factory automation.

#### **Critical Accounting Policies and Use of Estimates**

Critical accounting policies are those that are both most important to the portrayal of a company's financial condition and results of operations, and that require management's most difficult, subjective, and complex judgments, often as a result of the need to make estimates about the effect of matters that are inherently uncertain. There have been no significant changes to the items that we disclosed as our critical accounting policies and estimates in Management's Discussion and Analysis of Financial Condition and Results of Operations in our 2021 10-K.

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and judgments affecting the amounts reported in our consolidated condensed financial statements and the accompanying notes. We base our estimates and judgments on historical experience, knowledge of current conditions, and our beliefs of what could occur in the future considering available information. While we believe that our estimates, assumptions, and judgments are reasonable, they are based on information available when made, and because of the uncertainty inherent in these matters, actual results may differ materially from these estimates under different assumptions or conditions. We evaluate our estimates and judgments on an ongoing basis.

#### Impact of COVID-19 on our Business

The ongoing COVID-19 pandemic has caused, and may continue to cause, a global slowdown of economic activity (including the decrease in demand for certain goods and services), and volatility in and disruption to financial markets, labor markets, and supply chains. The severity, magnitude and duration of the ongoing COVID-19 pandemic and its economic consequences have been and continue to be uncertain, evolving and difficult to predict. The pandemic's impact on our operations and financial performance, as well as its impact on our ability to successfully execute our business strategy and initiatives, remains uncertain. We continue to take actions to safeguard the health and safety of our employees and our business. Furthermore, we continue to manage our cash position and liquidity needs in light of the evolving COVID-19 pandemic, and we have additional resources available under our Current Credit Agreement, if needed.

The full extent of the effects of the COVID-19 pandemic, including recent variants of the virus, continue to be uncertain. We anticipate that these effects caused by the COVID-19 pandemic may continue to negatively impact business activity across the globe. Demand for our products may be impacted, which could have a negative impact on our revenue, given the global reach and continued economic impact of the virus. We have previously seen and could again see delays or disruptions in our supply chain due to governmental restrictions or voluntary precautionary measures adopted by our suppliers. If our suppliers experience similar impacts, or if rising rates of inflation increase, we may have compounded difficulty sourcing materials necessary to fulfill customer production requirements and transporting completed products to our end customers. It is difficult for us to predict the scope, magnitude, and length of supply chain disruptions and the rising rate of inflation. Supply chain delays and disruptions may also affect the ability of our customers to obtain materials or products from other suppliers which may constrain or delay their demand for our products.

- 18 -

#### **Table of Contents**

We may take further actions altering our business operations that we determine are in the best interests of our employees, customers, partners, suppliers, and stakeholders, or as required by federal, state, or local authorities. It is not clear what the potential effects of any such alterations or modifications may have on our business, including the effects on our customers, employees, and prospects, or on our financial condition or results of operations. The future impacts of the ongoing COVID-19 pandemic on our business, results of operations and financial position remain uncertain and will depend on many factors that are not within our control, including, but not limited to: the duration and scope of the evolving pandemic; governmental, business and individuals' actions that have been and continue to be taken in response to the pandemic; general economic uncertainty in key global markets and financial market volatility; global economic conditions and levels of economic growth; and the pace of recovery when the COVID-19 pandemic subsides. See the section entitled "Risk Factors" in Item 1A of Part I of our Annual Report on Form 10-K for the fiscal year ended January 1, 2022 for further information about related risks and uncertainties.

### **Results of Operations**

Key elements of our Consolidated Statements of Operations, including as a percentage of revenue, are presented in the following table:

	Three Months Ended				Six Months Ended							
(In thousands)	 July 2, 2022			July 3, 2021			July 2 2022	9		July 3, 2021		
Revenue	\$ 161,372	100.0%	\$	125,905	100.0%	\$	311,887	100.0%	\$	241,621	100.0%	
Gross margin	110,485	68.5		77,184	61.3		211,252	67.7		147,770	61.2	
Research and development	33,613	20.8		27,454	21.8		66,168	21.2		51,520	21.3	
Selling, general and, administrative	29,024	18.0		25,607	20.3		57,795	18.5		50,699	21.0	
Amortization of acquired intangible assets	870	0.5		603	0.5		2,039	0.7		1,206	0.5	
Restructuring charges	136	0.1		204	0.2		190	0.1		380	0.2	
Acquisition related charges	 56	0.0			—		511	0.2			_	
Income from operations	\$ 46,786	29.0%	\$	23,316	18.5%	\$	84,549	27.1%	\$	43,965	18.2%	

#### **Revenue by End Market**

We sell our products globally to a broad base of customers in three primary end market groups: Communications and Computing, Industrial and Automotive, and Consumer. We also provide IP licensing and services to these end markets.

Within these end markets, there are multiple segment drivers, including:

- Communications and computing: 5G infrastructure deployments, client computing platforms, and cloud and enterprise servers,
- Industrial and automotive: industrial Internet of Things ("IoT"), factory automation, robotics, and automotive electronics,
- Consumer: smart home, and prosumer.

We also generate revenue from the licensing of our IP, the collection of certain royalties, patent sales, the revenue related to our participation in consortia and standard-setting activities, and services. While these activities may be associated with multiple markets, Licensing and services revenue is reported as a separate end market as it has characteristics that differ from other categories, most notably a higher gross margin.

The end market data below is derived from data provided to us by our customers. With a diverse base of customers who may manufacture end products spanning multiple end markets, the assignment of revenue to a specific end market requires the use of judgment. We also recognize certain revenue for which end customers and end markets are not yet known. We assign this revenue first to a specific end market using historical and anticipated usage of the specific products, if possible, and allocate the remainder to the end markets based on either historical usage for each product family or industry application data for certain product types.

The following are examples of end market applications for the periods presented:

Communications and Computing	Industrial and Automotive	<u>Consumer</u>	Licensing and Services
Wireless	Security and Surveillance	Cameras	IP Royalties
Wireline	Machine Vision	Displays	Adopter Fees
Data Backhaul	Industrial Automation	Wearables	IP Licenses
Server Computing	Robotics	Televisions	Patent Sales
Client Computing	Automotive	Home Theater	
Data Storage	Drones		

- 19 -

#### **Table of Contents**

The composition of our revenue by end market is presented in the following table:

	-	Three Mont	hs	Ended		Six Months Ended							
(In thousands)	 July 2, 2022	1		July 3, 2021			July 2 2022	,		July 3 2021	,		
Communications and Computing	\$ 70,761	43.9%	\$	52,577	41.8%	\$	133,201	42.7%	\$	101,905	42.2%		
Industrial and Automotive	74,455	46.1		57,439	45.6		144,090	46.2		107,184	44.3		
Consumer	12,384	7.7		12,520	9.9		27,287	8.8		25,039	10.4		
Licensing and Services	3,772	2.3		3,369	2.7		7,309	2.3		7,493	3.1		
Total revenue	\$ 161,372	100.0%	\$	125,905	100.0%	\$	311,887	100.0%	\$	241,621	100.0%		

Revenue from the Communications and Computing end market increased by 35% for the second quarter of fiscal 2022 compared to the second quarter of fiscal 2021 and increased by 31% for the first six months of fiscal 2022 compared to the first six months of fiscal 2021 primarily due to our key growth drivers in data center servers, client computing and 5G infrastructure.

Revenue from the Industrial and Automotive end market increased by 30% for the second guarter of fiscal 2022 compared to the second guarter of fiscal 2021 and increased by 34% for the first six months of fiscal 2022 compared to the first six months of fiscal 2021 primarily due to strong customer adoption in a broad range of applications, including industrial automation and robotics. Growth in Automotive was driven by the adoption of new designs in advanced driver assistance ("ADAS") and infotainment applications.

Revenue from the Consumer end market decreased by 1% for the second quarter of fiscal 2022 compared to the second quarter of fiscal 2021 primarily due to macroeconomic weakness in Consumer in the current quarter, and increased by 9% for the first six months of fiscal 2022 compared to the first six months of fiscal 2021 primarily due to increased demand for our products in Consumer end market applications over the year-to-date periods.

Revenue from the Licensing and services end market increased by 12% for the second guarter of fiscal 2022 compared to the second guarter of fiscal 2021 and decreased by 2% for the first six months of fiscal 2022 compared to the first six months of fiscal 2021 primarily due to variability in royalties between the comparative periods.

#### **Revenue by Geography**

We assign revenue to geographies based on ship-to location of the customer.

The composition of our revenue by geography is presented in the following table:

		Three Mont	hs I	Ended	Six Months Ended						
(In thousands)	 July 2, 2022			July 3, 2021			July 2, 2022		July 3, 2021		
Asia	\$ 118,720	73.6%	\$	96,455	76.6%	\$	227,472	72.9%	\$	184,845	76.5%
Americas	22,282	13.8		17,826	14.2		43,822	14.1		33,669	13.9
Europe	20,370	12.6		11,624	9.2		40,593	13.0		23,107	9.6
Total revenue	\$ 161,372	100.0%	\$	125,905	100.0%	\$	311,887	100.0%	\$	241,621	100.0%
				- 20 -							

# **Revenue from Customers**

We sell our products to independent distributors and directly to customers. Distributors have historically accounted for a significant portion of our total revenue, and the two distributor groups noted below individually accounted for more than 10% of our total revenue in the periods covered by this report.

The composition of our revenue by customer is presented in the following table:

	% of Total R Three Month		% of Total F Six Months	
	July 2, 2022	July 3, 2021	July 2, 2022	July 3, 2021
Weikeng Group	32.5%	34.1%	33.9%	36.4%
Arrow Electronics Inc.	28.7	24.3	28.6	25.1
Other distributors	27.9	29.9	27.0	25.4
All distributors	89.1	88.3	89.5	86.9
Direct customers	8.6	9.0	8.2	10.0
Licensing and services revenue	2.3	2.7	2.3	3.1
Total revenue	100.0%	100.0%	100.0%	100.0%

# **Gross Margin**

The composition of our Gross margin, including as a percentage of revenue, is presented in the following table:

	Three Mon	Ended	Six Month	าร E	Ended		
(In thousands)	 July 2, 2022		July 3, 2021	 July 2, 2022		July 3, 2021	
Gross margin	\$ 110,485	\$	77,184	\$ 211,252	\$	147,770	
Gross margin percentage	68.5%		61.3%	67.7%		61.2%	
Product gross margin %	67.7%		60.2%	67.0%		59.9%	
Licensing and services gross margin %	100.0%		100.0%	100.0%		100.0%	

Gross margin, as a percentage of revenue, increased 720 basis points in the second quarter of fiscal 2022 compared to the second quarter of fiscal 2021 and increased by 650 basis points in the first six months of fiscal 2022 compared to the first six months of fiscal 2021. Improved margins were driven by benefits from our pricing optimization and gross margin expansion strategy.

Because of its higher margin, the licensing and services portion of our overall revenue can have a disproportionate impact on Gross margin.

# **Operating Expenses**

#### **Research and Development Expense**

The composition of our Research and development expense, including as a percentage of revenue, is presented in the following table:

	Three Mon	ths	Ended		Six Month	ns Ei	nded	
(In thousands)	July 2, 2022		July 3, 2021	% change	 July 2, 2022		July 3, 2021	% change
Research and development	\$ 33,613	\$	27,454	22.4%	\$ 66,168	\$	51,520	28.4%
Percentage of revenue	20.8%	)	21.8%		21.2%		21.3%	

Research and development expense includes costs for compensation and benefits, stock compensation, engineering wafers, depreciation, licenses, and outside engineering services. These expenditures are for the design of new products, IP cores, processes, packaging, and software solutions. The increase in Research and development expense for the second quarter and first six months of fiscal 2022 compared to the second quarter and first six months of fiscal 2021 was due primarily to increased headcount-related costs as we continue to invest in the expansion of our product portfolio and the acceleration of our new product introduction cadence. We believe that a continued commitment to Research and development is essential to maintaining product leadership and providing innovative new product offerings and, therefore, we expect to continue to increase our investment in Research and development, particularly with expanded investment in the development of software solutions.



#### Selling, General, and Administrative Expense

The composition of our Selling, general, and administrative expense, including as a percentage of revenue, is presented in the following table:

	Three Mon	ths	Ended		Six Month	าร E	nded	
	July 2,		July 3,		 July 2,		July 3,	
(In thousands)	 2022		2021	% change	 2022		2021	% change
Selling, general, and administrative	\$ 29,024	\$	25,607	13.3%	\$ 57,795	\$	50,699	14.0%
Percentage of revenue	18.0%		20.3%		18.5%		21.0%	

Selling, general, and administrative expense includes costs for compensation and benefits related to selling, general, and administrative employees, commissions, depreciation, professional and outside services, trade show, and travel expenses. The increase in Selling, general, and administrative expense for the second quarter and first six months of fiscal 2022 compared to the second quarter and first six months of fiscal 2021 was due primarily to increased headcount-related costs to support ongoing customer growth.

#### Amortization of Acquired Intangible Assets

The composition of our Amortization of acquired intangible assets, including as a percentage of revenue, is presented in the following table:

	Three Mon	ths E	Ended		Six Montl	hs Ei	nded	
(In thousands)	July 2, 2022		July 3, 2021	% change	 July 2, 2022		July 3, 2021	% change
Amortization of acquired intangible assets	\$ 870	\$	603	44.3%	\$ 2,039	\$	1,206	69.1%
Percentage of revenue	0.5%		0.5%		0.7%		0.5%	

The increase in Amortization of acquired intangible assets for the second quarter and first six months of fiscal 2022 compared to the second quarter and first six months of fiscal 2021 is due to the amortization expense for new intangible assets added in the fourth quarter of fiscal 2021 through the acquisition of Mirametrix, Inc., partially offset by end of the amortization period during the first quarter of fiscal 2022 for acquired intangible assets from previous acquisitions.

#### **Restructuring Charges**

The composition of our Restructuring charges, including as a percentage of revenue, is presented in the following table:

	Three Mon	ths I	Ended		Six Month	ns Ei	nded	
(In thousands)	uly 2, 2022		July 3, 2021	% change	 July 2, 2022		July 3, 2021	% change
Restructuring charges	\$ 136	\$	204	(33.3)%	\$ 190	\$	380	(50.0)%
Percentage of revenue	0.1%		0.2%		0.1%		0.2%	

Restructuring charges are comprised of expenses resulting from reductions in our worldwide workforce, consolidation of our facilities, removal of fixed assets from service, and cancellation of software contracts and engineering tools. Details of our restructuring plans and expenses incurred under them are discussed in <u>"Note 6 - Restructuring"</u> to our Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q. Restructuring charges decreased in the second quarter and first six months of fiscal 2022 compared to the second quarter and first six months of fiscal 2021, as we had no significant restructuring activity in the current year.

- 22 -

# **Acquisition Related Charges**

The composition of our Acquisition related charges, including as a percentage of revenue, is presented in the following table:

	Т	hree Mon	ths E	Ended		 Six Month	ns Ei	nded	
(In thousands)	Jul 20	y 2, 22		July 3, 2021	% change	 July 2, 2022		July 3, 2021	% change
Acquisition related charges	\$	56	\$		100.0%	\$ 511	\$	_	100.0%
Percentage of revenue		0.0%		—%		0.2%		%	

Acquisition related charges include legal and professional fees directly related to acquisitions. For the first quarter of fiscal 2022, Acquisition related charges were attributable to our acquisition of Mirametrix in November 2021 and were comprised primarily of professional services including legal and accounting fees.

#### Interest Expense

The composition of our Interest expense, including as a percentage of revenue, is presented in the following table:

	-	Three Mon	ths E	Ended		Six Month	s Er	ded	
(In the user of a)		ly 2, 022		July 3, 2021	% change	 July 2, 2022		July 3, 2021	% change
(In thousands) Interest expense	\$	(891)	\$	(702)	26.9%	\$ (1,599)	\$	(1,420)	12.6%
Percentage of revenue		(0.6)%		(0.6)%		(0.5)%		(0.6)%	

Interest expense is primarily related to our long-term debt. This interest expense is comprised of contractual interest and amortization of original issue discount and debt issuance costs based on the effective interest method. The increase in Interest expense for the second quarter and first six months of fiscal 2022 compared to the second quarter and first six months of fiscal 2021 was driven by the increase in the effective interest rate on our long-term debt.

#### Other (Expense) Income, net

The composition of our Other (expense) income, net, including as a percentage of revenue, is presented in the following table:

	-	Three Mon	ths E	nded		Six Month	ns Er	nded	
(In thousands)		ily 2, 022		July 3, 2021	% change	 July 2, 2022		July 3, 2021	% change
Other (expense) income, net	\$	(243)	\$	(135)	80.0%	\$ (265)	\$	(297)	(10.8)%
Percentage of revenue		(0.2)%		(0.1)%		(0.1)%		(0.1)%	

The changes in Other (expense) income, net for the second quarter and first six months of fiscal 2022 compared to the second quarter and first six months of fiscal 2021 were due to the relative impact of higher foreign currency exchange losses and lower miscellaneous expenses in the comparative periods.

#### **Income Taxes**

The composition of our Income tax expense is presented in the following table:

	Three Mon	ths E	Ended		Six Mont	hs E	nded	
	 July 2,		July 3,		 July 2,		July 3,	
(In thousands)	 2022		2021	% change	 2022		2021	% change
Income tax expense	\$ 1,120	\$	641	74.7%	\$ 2,075	\$	1,597	29.9%

Our Income tax expense is composed primarily of foreign income and withholding taxes, partially offset by benefits resulting from the release of uncertain tax positions due to statute of limitation expirations that occurred in the respective periods. The increase in tax expense in the second quarter and first six months of fiscal 2022 as compared to the second quarter and first six months of fiscal 2021 is primarily due to increased worldwide income.



# Liquidity and Capital Resources

The following sections discuss material changes in our financial condition from the end of fiscal 2021, including the effects of changes in our Consolidated Balance Sheets, and the effects of our credit arrangements and contractual obligations on our liquidity and capital resources. There continues to be uncertainty around the extent and duration of the disruption to our business from the ongoing COVID-19 pandemic, which may impact our liquidity and working capital needs in future periods.

We have historically financed our operating and capital resource requirements through cash flows from operations, and from the issuance of long-term debt to fund acquisitions. Cash provided by or used in operating activities will fluctuate from period to period due to fluctuations in operating results, the timing and collection of accounts receivable, and required inventory levels, among other things.

We believe that our financial resources, including current cash and cash equivalents, cash flow from operating activities, and our credit facilities, will be sufficient to meet our liquidity and working capital needs through at least the next 12 months. As of July 2, 2022, we did not have significant long-term commitments for capital expenditures. For further information on our cash commitments for operating lease liabilities and required future principal payments on our long-term debt, see <u>Note 7 - Leases</u> and <u>Note 5 - Long-Term Debt</u>, respectively, under Part I, Item 1 of this report.

In the future, we may continue to consider acquisition opportunities to further extend our product or technology portfolios and further expand our product offerings. In connection with funding capital expenditures, acquisitions, securing additional wafer supply, increasing our working capital, or other operations, we may seek to obtain equity or additional debt financing. We may also seek to obtain equity or additional debt financing. We may also seek to obtain equity or additional debt financing if we experience downturns or cyclical fluctuations in our business that are more severe or longer than we anticipated when determining our current working capital needs.

#### Cash and cash equivalents

(In thousands)	 July 2, 2022	 January 1, 2022	 \$ Change	% Change
Cash and cash equivalents	\$ 117,882	\$ 131,570	\$ (13,688)	(10.4)%

As of July 2, 2022, we had Cash and cash equivalents of \$117.9 million, of which approximately \$49.7 million was held by our foreign subsidiaries. We manage our global cash requirements considering, among other things, (i) available funds among our subsidiaries through which we conduct business, (ii) the geographic location of our liquidity needs, and (iii) the cost to access international cash balances. The repatriation of non-US earnings may require us to withhold and pay foreign income tax on dividends. This should not result in our recording significant additional tax expense as we have accrued expense based on current withholding rates. As of July 2, 2022, we could access all cash held by our foreign subsidiaries without incurring significant additional expense.

The net decrease in Cash and cash equivalents of \$13.7 million between January 1, 2022 and July 2, 2022 was primarily driven by cash flows from the following activities:

*Operating activities* — Cash provided by operating activities results from net income adjusted for certain non-cash items and changes in assets and liabilities. Cash provided by operating activities for the first six months of fiscal 2022 was \$92.9 million compared to \$70.7 million for the first six months of fiscal 2021. This increase of \$22.2 million was primarily driven by an increase of \$47.4 million provided by improved operating performance, partially offset by \$25.2 million of net changes in working capital, primarily from cash used by accounts receivable and inventories. We are using cash provided by operating activities to fund our operations.

Investing activities — Investing cash flows consist primarily of transactions related to capital expenditures and payments for software and intellectual property licenses. Net cash used by investing activities in the first six months of fiscal 2022 was \$14.3 million compared to \$10.8 million in the first six months of fiscal 2021.

*Financing activities* — Financing cash flows consist primarily of activity on our long-term debt, proceeds from the exercise of options to acquire common stock, tax payments related to the net share settlement of restricted stock units, and repurchases of common stock. During the first six months of fiscal 2022, we paid required quarterly installments on our long-term debt totaling \$8.8 million. Payments for tax withholdings on vesting of RSUs partially offset by employee exercises of stock options used net cash flows of \$32.2 million in the first six months of fiscal 2022, an increase of approximately \$22.2 million from the net \$10.0 million used in the first six months of fiscal 2021. During the first six months of fiscal 2022, we also repurchased approximately 1.0 million shares of common stock for \$50.2 million, as further discussed below under "Share Repurchase Program."

- 24 -

#### Accounts receivable, net

(In thousands)	Ju	ly 2, 2022	January 1, 2022	Change	% Change
Accounts receivable, net	\$	93,380	\$ 79,859	\$ 13,521	16.9%
Days sales outstanding - Overall		53	51	2	

Accounts receivable, net as of July 2, 2022 increased by approximately \$13.5 million, or 17%, compared to January 1, 2022. This increase resulted primarily from higher revenue shipments in the second quarter of fiscal 2022 compared to the year-end period. We calculate Days Sales Outstanding on the basis of a 365-day year as Accounts receivable, net at the end of the quarter divided by sales during the quarter annualized and then multiplied by 365.

#### Inventories

(In thousands)	Ju	ly 2, 2022	January 1, 2022	(	Change	% Change
Inventories	\$	77,478	\$ 67,594	\$	9,884	14.6%
Days of inventory on hand		139	122		17	

Inventories as of July 2, 2022 increased \$9.9 million, or approximately 15%, compared to January 1, 2022 primarily to meet the increased demands of our customers.

The Days of inventory on hand ratio compares the inventory balance at the end of a quarter to the cost of sales in that quarter. We calculate Days of inventory on hand on the basis of a 365-day year as Inventories at the end of the quarter divided by Cost of sales during the quarter annualized and then multiplied by 365.

#### **Credit Arrangements**

On May 17, 2019, we entered into our Current Credit Agreement with Wells Fargo Bank, National Association, as administrative agent, and other lenders. The details of this arrangement are described in "Note 8 - Long-Term Debt" in the Notes to Consolidated Financial Statements of our 2021 10-K.

As of July 2, 2022, we had no used or unused credit arrangements beyond the secured revolving loan facility described in the Current Credit Agreement.

#### Share Repurchase Program

See Part II, Item 2, "Unregistered Sales of Equity Securities and Use of Proceeds," of this Quarterly Report on Form 10-Q for more information about the share repurchase program.

# ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Market risk represents the risk of loss that may impact our financial position due to adverse changes in financial market prices and rates. Our market risk exposure is primarily a result of fluctuations in foreign currency exchange rates and interest rates. We assess these risks on a regular basis and have established policies that are designed to protect against the adverse effects of these and other potential exposures. There have been no material changes to either the foreign currency exchange rate risk previously disclosed in Part II, Item 7A, "Quantitative and Qualitative Disclosures About Market Risk," of our Annual Report on Form 10-K for the fiscal year ended January 1, 2022.

# **ITEM 4. CONTROLS AND PROCEDURES**

### Conclusion Regarding the Effectiveness of Disclosure Controls and Procedures

In connection with the filing of this Quarterly Report on Form 10-Q, our management, including our Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")) as of the end of the period covered by this report. Based on this evaluation, our Chief Executive Officer and Chief Financial Officer have concluded that our disclosure controls were effective as of the end of the period covered by this report.

# **Changes in Internal Control over Financial Reporting**

There were no changes in our internal controls over financial reporting (as defined in Rules 13a-15(f) under the Exchange Act) that occurred during the second quarter of fiscal 2022 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. We do not believe there has been any material impact to our internal controls over financial reporting notwithstanding that most of our employees are working remotely due to the COVID-19 pandemic. We continue to monitor and assess any potential impact of the COVID-19 pandemic on the design and operating effectiveness of our internal controls.

### Inherent Limitations on Effectiveness of Controls

We do not expect that our disclosure controls and procedures or our internal control over financial reporting will prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of a simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people or by management override of the controls. The design of any system of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions; over time, controls may become inadequate because of changes in conditions, or the degree of compliance with policies or procedures may deteriorate. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

- 26 -

# PART II. OTHER INFORMATION

# **ITEM 1. LEGAL PROCEEDINGS**

The information set forth above under "<u>Note 12 - Contingencies - Legal Matters</u>" contained in the Notes to Consolidated Financial Statements is incorporated herein by reference.

# **ITEM 1A. RISK FACTORS**

In addition to the other information set forth in this Quarterly Report on Form 10-Q, you should carefully consider the risk factors associated with our business previously described in Part I, Item 1A, "Risk Factors," in our Annual Report on Form 10-K for the fiscal year ended January 1, 2022 ("2021 10-K"). There have been no material changes in the risk factors included in our 2021 10-K, and this report should be read in conjunction with the risk factors set forth in our 2021 10-K. If any of these risks occur, our business, financial condition, operating results, and cash flows could be materially adversely affected, and the trading price of our common stock could decline. These risk factors are not the only risks facing our company. Additional risks and uncertainties not presently known to us or that we may currently deem to be immaterial, including those discussed below, could materially adversely affect our business, financial condition, or operating results.

Worldwide political and economic conditions may create uncertainties that could adversely affect our business. For example, the continuing military conflict between Ukraine and Russia, as well as the financial and trade-related restrictions associated with Russia and Belarus and economic sanctions on certain individuals and entities in Russia and Belarus, may further disrupt global supply chains and could result in shortages of key materials that our suppliers and foundry partners require to satisfy our needs. Geopolitical tensions or conflicts may also create a heightened risk of cyberattacks. Furthermore, the ongoing COVID-19 pandemic and adverse macroeconomic conditions, such as rising inflation and labor shortages, may affect demand for our products or increase our product or labor costs, negatively impacting our revenues, gross margins, and overall financial results. Although such events have not significantly affected our business or operations, the ultimate impact is unknown and future developments could adversely affect our operating results and financial condition.

These factors, together with all of the other information in this Quarterly Report on Form 10-Q, including our unaudited condensed consolidated financial statements and related notes included elsewhere in this Quarterly Report on Form 10-Q, should be carefully considered before making an investment decision relating to our common stock.

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

# **Issuer Purchases of Equity Securities**

On November 8, 2021, we announced that our Board of Directors had approved a stock repurchase program pursuant to which up to \$100.0 million of outstanding common stock could be repurchased from time to time (the "2022 Repurchase Program"). The duration of the 2022 Repurchase Program is through the end of December 2022. Under the 2022 Repurchase Program during the second quarter of fiscal 2022, we repurchased 734,292 shares for \$35.2 million, or an average price paid per share of \$47.88. All shares repurchased pursuant to the 2022 Repurchase Program were retired by the end of the second quarter of fiscal 2022.

The following table contains information regarding our repurchases of our common stock that is registered pursuant to Section 12 of the Securities Exchange Act of 1934 during the second quarter of fiscal 2022.

Period	Total Number of Shares Purchased	Average Price Paid per Share		Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs (a)	Approximate Dollar Value of Shares That May Yet Be Purchased Under the Plans or Programs (\$M) (b)		
April 3, 2022 through April 30, 2022	_	\$	_	_	\$	74.9	
May 1, 2022 through May 28, 2022	639,274	\$	47.18	639,274	\$	44.7	
May 29, 2022 through July 2, 2022	95,018	\$	52.62	95,018	\$	39.7	
Total	734,292	\$	47.88	734,292	\$	39.7	

(a) All repurchases during the quarter were open-market transactions funded from available working capital made under the authorization from our board of directors to purchase up to \$100.0 million of our common stock announced November 8, 2021.

(b) As of July 2, 2022, this amount consisted of the remaining portion of the \$100.0 million program authorized through the end of December 2022 that was announced November 8, 2021.

# **ITEM 6. EXHIBITS**

Exhibit Number	Description
31.1	Certification of Chief Executive Officer pursuant to the Securities Exchange Act of 1934 Rule 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Chief Financial Officer pursuant to the Securities Exchange Act of 1934 Rule 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Certification of Chief 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 Chief Financial Officer pursuant to 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.INS	Inline XBRL Instance Document (the Instance Document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document)
101.SCH	Inline XBRL Taxonomy Extension Schema Document
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document
104	Cover Page Interactive Data File - formatted in Inline XBRL and included in Exhibit 101
- 28 -	

# 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.

LATTICE SEMICONDUCTOR CORPORATION (Registrant)

/s/ Sherri Luther

Sherri Luther Chief Financial Officer (Principal Financial and Accounting Officer)

Date: August 2, 2022

- 29 -

# CERTIFICATION

I, James Anderson, certify that:

- 1. I have reviewed this Quarterly Report on Form 10-Q of Lattice Semiconductor Corporation;
- 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 2, 2022

/s/ James Anderson James Anderson Chief Executive Officer

# CERTIFICATION

I, Sherri Luther, certify that:

- 1. I have reviewed this Quarterly Report on Form 10-Q of Lattice Semiconductor Corporation;
- 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 2, 2022

/s/ Sherri Luther Sherri Luther Chief Financial Officer

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

In connection with the Quarterly Report of Lattice Semiconductor Corporation (the Company) on Form 10-Q for the quarter ended July 2, 2022 (the Report), I, James Anderson, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

A signed original of this written statement has been provided to the Company and will be retained by the Company and furnished to the SEC or its staff upon request.

/s/ James Anderson James Anderson Chief Executive Officer

Date: August 2, 2022

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

In connection with the Quarterly Report of Lattice Semiconductor Corporation (the Company) on Form 10-Q for the quarter ended July 2, 2022 (the Report), I, Sherri Luther, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

A signed original of this written statement has been provided to the Company and will be retained by the Company and furnished to the SEC or its staff upon request.

/s/ Sherri Luther Sherri Luther Chief Financial Officer

Date: August 2, 2022