

MICROCHIP TECHNOLOGY INC

Form 10-Q

November 07, 2011

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SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

(Mark One)

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

For the quarterly period ended September 30, 2011.

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: 0-21184

MICROCHIP TECHNOLOGY INCORPORATED

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

86-0629024

(IRS Employer Identification No.)

2355 W. Chandler Blvd., Chandler, AZ 85224-6199

(480) 792-7200

(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

Indicate by checkmark 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 the filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted 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 and post such files). Yes ☒ No ☐

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

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

(Do not check if a smaller reporting company)

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

Yes ☐ No ☒

Shares Outstanding of Registrant's Common Stock

Class	Outstanding at October 28, 2011
Common Stock, \$0.001 par value	191,131,390 shares

MICROCHIP TECHNOLOGY INCORPORATED AND SUBSIDIARIES

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Item 1. Financial Statements

MICROCHIP TECHNOLOGY INCORPORATED AND SUBSIDIARIES
CONDENSED CONSOLIDATED BALANCE SHEETS

(in thousands, except share and per share amounts)

(unaudited)

ASSETS

	September 30, 2011	March 31, 2011
Cash and cash equivalents	\$675,129	\$703,924
Short-term investments	740,309	539,572
Accounts receivable, net	142,409	181,202
Inventories	211,206	180,800
Prepaid expenses	22,367	22,234
Deferred tax assets	96,488	88,822
Other current assets	45,468	58,429
Total current assets	1,933,376	1,774,983
Property, plant and equipment, net	548,977	540,513
Long-term investments	359,980	464,838
Goodwill	76,061	76,018
Intangible assets, net	76,503	77,929
Other assets	38,852	33,777
Total assets	\$3,033,749	\$2,968,058
LIABILITIES AND STOCKHOLDERS' EQUITY		
Accounts payable	\$57,792	\$68,433
Accrued liabilities	92,176	131,839
Deferred income on shipments to distributors	144,185	140,044
Total current liabilities	294,153	340,316
Junior convertible debentures	351,371	347,334
Long-term income tax payable	65,040	58,125
Deferred tax liability	409,372	399,527
Other long-term liabilities	9,874	10,318
Stockholders' equity:		
Preferred stock, \$0.001 par value; authorized 5,000,000 shares; no shares issued or outstanding	—	—
Common stock, \$0.001 par value; authorized 450,000,000 shares; 218,789,994 shares issued and 191,127,533 shares outstanding at September 30, 2011; 218,789,994 shares issued and 189,541,707 shares outstanding at March 31, 2011	191	190
Additional paid-in capital	1,270,008	1,268,128
Retained earnings	1,475,312	1,428,838
Accumulated other comprehensive (loss) income	(596)	) 3,357
Common stock held in treasury: 27,662,461 shares at September 30, 2011; 29,248,287 shares at March 31, 2011	(840,976)	) (888,075)
Total stockholders' equity	1,903,939	1,812,438
Total liabilities and stockholders' equity	\$3,033,749	\$2,968,058

See accompanying notes to condensed consolidated financial statements

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CONDENSED CONSOLIDATED STATEMENTS OF INCOME

(in thousands, except per share amounts)

(Unaudited)

	Three Months Ended September 30,		Six Months Ended September 30,	
	2011	2010	2011	2010
Net sales	\$340,602	\$382,271	\$715,109	\$739,396
Cost of sales (1)	145,608	157,266	300,367	306,948
Gross profit	194,994	225,005	414,742	432,448
Operating expenses:				
Research and development (1)	45,383	43,720	90,681	84,250
Selling, general and administrative (1)	51,991	57,584	109,581	114,796
Special charges	—	558	—	1,033
	97,374	101,862	200,262	200,079
Operating income	97,620	123,143	214,480	232,369
Losses on equity method investments	(13)	(43)	(74)	(95)
Other income (expense):				
Interest income	4,028	4,070	8,034	8,416
Interest expense	(8,911)	(8,045)	(16,926)	(15,784)
Other, net	(2,454)	1,873	(1,418)	1,372
Income from continuing operations before income taxes	90,270	120,998	204,096	226,278
Income tax provision	10,983	16,250	25,516	29,653
Net income from continuing operations	79,287	104,748	178,580	196,625
Discontinued operations:				
Loss from discontinued operations before income taxes	—	(1,756)	—	(4,055)
Income tax benefit	—	(88)	—	(76)
Net loss from discontinued operations	—	(1,668)	—	(3,979)
Net income	\$79,287	\$103,080	\$178,580	\$192,646
Basic net income per common share – continuing operations	\$0.42	\$0.56	\$0.94	\$1.06
Basic net loss per common share – discontinued operations	—	(0.01)	—	(0.02)
Basic net income per common share	\$0.42	\$0.55	\$0.94	\$1.04
Diluted net income per common share – continuing operations	\$0.40	\$0.55	\$0.88	\$1.03
Diluted net loss per common share – discontinued operations	—	(0.01)	—	(0.02)
Diluted net income per common share	\$0.40	\$0.54	\$0.88	\$1.01
Dividends declared per common share	\$0.347	\$0.343	\$0.693	\$0.685
Basic common shares outstanding	190,809	186,303	190,461	185,922
Diluted common shares outstanding	200,199	190,704	202,383	190,388
(1) Includes share-based compensation expense as follows:				
Cost of sales	\$1,608	\$1,743	\$3,007	\$3,708
Research and development	3,556	3,025	6,969	6,192
Selling, general and administrative	4,320	4,157	8,532	8,476

See accompanying notes to condensed consolidated financial statements

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CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(in thousands)

(Unaudited)

	Six months ended September 30,	
	2011	2010
Cash flows from operating activities:		
Net income	\$178,580	\$192,646
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	50,528	52,976
Deferred income taxes	7,086	13,294
Share-based compensation expense related to equity incentive plans	18,508	18,376
Excess tax benefit from share-based compensation	(402)) —
Convertible debt derivatives - revaluation and amortization	366	57
Amortization of convertible debenture issuance costs	110	110
Amortization of debt discount on convertible debentures	3,671	3,356
Losses on equity method investments	74	95
Gain on sale of assets	(48)	) (39)
Unrealized impairment loss on available-for-sale investments	3,009	841
Changes in operating assets and liabilities:		
Decrease (increase) in accounts receivable	38,793	(18,503)
Increase in inventories	(30,074)	) (10,035)
Increase in deferred income on shipments to distributors	4,141	31,019
(Decrease) increase in accounts payable and accrued liabilities	(50,300)	) 3,328
Change in other assets and liabilities	14,017	3,926
Net cash provided by operating activities	238,059	291,447
Cash flows from investing activities:		
Purchases of available-for-sale investments	(665,715)	) (796,877)
Sales and maturities of available-for-sale investments	562,445	693,760
Purchase of Silicon Storage Technology, Inc., net of cash received	—	(112,707)
Investment in other assets	(5,146)	) (1,433)
Proceeds from sale of assets	48	28,430
Capital expenditures	(52,449)	) (65,937)
Net cash used in investing activities	(160,817)	) (254,764)
Cash flows from financing activities:		
Payment of cash dividend	(132,106)	) (127,361)
Proceeds from sale of common stock	25,667	22,269
Excess tax benefit from share-based compensation	402	—
Net cash used in financing activities	(106,037)	) (105,092)
Net decrease in cash and cash equivalents	(28,795)	) (68,409)
Cash and cash equivalents at beginning of period	703,924	492,130
Cash and cash equivalents at end of period	\$675,129	\$423,721

See accompanying notes to condensed consolidated financial statements

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MICROCHIP TECHNOLOGY INCORPORATED AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

(1)Basis of Presentation

The accompanying unaudited condensed consolidated financial statements include the accounts of Microchip Technology Incorporated and its wholly-owned subsidiaries (the Company). All intercompany balances and transactions have been eliminated in consolidation. The Company owns 100% of the outstanding stock in all of its subsidiaries.

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with generally accepted accounting principles in the United States of America, pursuant to the rules and regulations of the Securities and Exchange Commission (the SEC). The information furnished herein reflects all adjustments which are, in the opinion of management, of a normal recurring nature and necessary for a fair statement of the results for the interim periods reported. Certain information and footnote disclosures normally included in audited consolidated financial statements have been condensed or omitted pursuant to such SEC rules and regulations. It is suggested that these condensed consolidated financial statements be read in conjunction with the audited consolidated financial statements and the notes thereto included in the Company's Annual Report on Form 10-K for the fiscal year ended March 31, 2011. The results of operations for the six months ended September 30, 2011 are not necessarily indicative of the results that may be expected for the fiscal year ending March 31, 2012 or for any other period.

(2)Recently Issued Accounting Pronouncements

In the first quarter of fiscal 2012, the Company adopted new standards for revenue recognition with multiple deliverables. These new standards change the determination of whether the individual deliverables included in a multiple-element arrangement may be treated as separate units for accounting purposes. Additionally, these new standards modify the method in which revenue is allocated to the separately identified deliverables. The adoption of these new standards did not have a significant impact on the Company's condensed consolidated financial statements.

In the first quarter of fiscal 2012, the Company adopted new standards that remove certain tangible products and associated software from the scope of the software revenue recognition guidance. The adoption of these new standards did not have a significant impact on the Company's condensed consolidated financial statements.

In the first quarter of fiscal 2012, the Company adopted new standards for the application of the milestone method of revenue recognition for certain research and development arrangements entered into by its technology licensing segment. Under this standard, the Company will recognize arrangement consideration received for achieving specified performance measures during the period in which the milestones are achieved, provided certain criteria are met for the milestones to be considered substantive. This standard was adopted prospectively, and its adoption is not expected to have a significant impact on the Company's condensed consolidated financial statements.

(3)Discontinued Operations and Assets Held for Sale

Discontinued operations includes the following product families that were acquired in the acquisition of SST: NAND Drives, NAND controllers, Smart Card ICs, Combo Memory, Concurrent SuperFlash, Small-Sector Flash and many-time Programmable Flash memories and certain serial NOR Flash products from 512K to 64MB density in the geographic regions of Taiwan, China, Hong Kong, Singapore, Malaysia, Thailand, Indonesia, Vietnam and Philippines. These product lines were marketed for sale after the acquisition of SST on April 8, 2010 based on

management's decision regarding them not being a strategic fit into the Company's product portfolio. On May 21, 2010, the Company completed a transaction to sell the NAND Drives, NAND controllers, Smart Card ICs, Combo Memory, Concurrent SuperFlash, Small-Sector Flash and many-time Programmable Flash memories to Greenliant Systems Ltd. The sale price in this transaction was determined by management to represent fair value, and accordingly, no gain or loss was recognized on the sale of the net assets. In this sale, the Company disposed of approximately \$23.6 million of assets held for sale, primarily comprised of inventory, property, plant and equipment, intangible assets and non-marketable securities.

On July 8, 2010, the Company granted an exclusive limited license for the manufacture of certain Serial NOR-Flash products to Professional Computer Technology, Ltd. (PCT). The license to PCT is limited to the industry segments of optical disc drives, set top boxes, electronic books, video games, digital displays, DVD player/recorder, notebook computers, netbooks, desktop computers, PC monitors, mass storage devices, printers/scanners/copiers/faxes, PC-CAM, point of sale devices,

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graphic cards, servers/clients/workstations, and mobile phones. PCT has no license to sell these products to any other industry segment or geographic region other than those listed above. Certain multi-national customers are excluded from this license.

For financial statement purposes, the results of operations for these discontinued businesses have been segregated from those of the continuing operations and are presented in the Company's consolidated financial statements as discontinued operations.

The results of discontinued operations for the three and six months ended September 30, 2010 are as follows (amounts in thousands):

	Three Months Ended September 30, 2010	Six Months Ended September 30, 2010
Net sales	\$8,288	\$24,813
Cost of sales	(9,871)	(25,192)
Operating expenses	(173)	(3,676)
Income tax benefit	88	76
Net loss from discontinued operations	\$(1,668)	\$(3,979)

(4) Special Charges

During the three and six months ended September 30, 2010, the Company incurred \$0.6 million and \$1.0 million, respectively, of severance-related and office closing costs associated with the acquisition of SST. There were no such charges in the three or six months ended September 30, 2011.

(5) Segment Information

The Company's reporting segments include semiconductor products and technology licensing. The Company does not allocate operating expenses, interest income, interest expense, other income or expense, or provision for or benefit from income taxes to these segments for internal reporting purposes, as the Company does not believe that allocating these expenses is beneficial in evaluating segment performance. Additionally, the Company does not allocate assets to segments for internal reporting purposes as it does not manage its segments by such metrics.

The following table represents revenues and gross profit for each segment for the three and six months ended September 30, 2011 (amounts in thousands):

	Three Months Ended September 30, 2011		Six Months Ended September 30, 2011	
	Net Sales	Gross Profit	Net Sales	Gross Profit
Semiconductor products	\$318,618	\$174,469	\$672,478	\$374,534
Technology licensing	21,984	20,525	42,631	40,208
	\$340,602	\$194,994	\$715,109	\$414,742

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The following table represents revenues and gross profit for each segment for the three and six months ended September 30, 2010 (amounts in thousands):

	Three Months Ended September 30, 2010		Six Months Ended September 30, 2010	
	Net Sales	Gross Profit	Net Sales	Gross Profit
Semiconductor products	\$364,999	\$208,729	\$706,767	\$401,833
Technology licensing	17,272	16,276	32,629	30,615
	\$382,271	\$225,005	\$739,396	\$432,448

(6) Investments

The Company's investments are intended to establish a high-quality portfolio that preserves principal, meets liquidity needs, avoids inappropriate concentrations, and delivers an appropriate yield in relationship to the Company's investment guidelines and market conditions. The following is a summary of available-for-sale and marketable equity securities at September 30, 2011 (amounts in thousands):

	Available-for-sale Securities			
	Adjusted Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Government agency bonds	\$345,924	\$569	\$(151)	) \$346,342
Municipal bonds	10,445	132	—	) 10,577
Auction rate securities	11,693	—	—	) 11,693
Corporate bonds and debt	724,089	2,701	(3,191)	) 723,599
Marketable equity securities	9,057	—	(979)	) 8,078
	\$1,101,208	\$3,402	\$(4,321)	) \$1,100,289

The following is a summary of available-for-sale and marketable equity securities at March 31, 2011 (amounts in thousands):

	Available-for-sale Securities			
	Adjusted Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Government agency bonds	\$431,355	\$159	\$(923)	) \$430,591
Municipal bonds	11,445	34	(22)	) 11,457
Auction rate securities	12,475	—	—	) 12,475
Corporate bonds and debt	519,499	4,116	(589)	) 523,026
Marketable equity securities	26,173	688	—	) 26,861
	\$1,000,947	\$4,997	\$(1,534)	) \$1,004,410

At September 30, 2011, the Company's available-for-sale debt securities, and marketable equity securities are presented on the condensed consolidated balance sheets as short-term investments of \$740.3 million and long-term investments of \$360.0 million. At March 31, 2011, the Company's available-for-sale debt securities and marketable equity securities are presented on the condensed consolidated balance sheets as short-term investments of \$539.6 million and long-term investments of \$464.8 million.

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At September 30, 2011, \$11.7 million of the fair value of the Company's investment portfolio was invested in auction rate securities (ARS). With the continuing liquidity issues in the global credit and capital markets, the Company's ARS have experienced multiple failed auctions from September 2007 through the date of this report. While the Company continues to earn interest on these investments based on a pre-determined formula with spreads tied to particular interest rate indices, the estimated market value for these ARS no longer approximates the original purchase value.

The fair value of the failed ARS of \$11.7 million has been estimated based on market information and estimates determined by management and could change significantly based on market conditions. The Company evaluated the impairments in the value of these ARS, determining its intent to sell these securities prior to the recovery of its amortized cost basis resulted in the securities being other-than-temporarily impaired and recognized impairment charges on these investments of \$0.4 million in each of the three-month periods ended September 30, 2011 and 2010. The Company recognized impairment charges on these investments of \$0.8 million in each of the six-month periods ended September 30, 2011 and 2010.

The Company believes that, based on its current unrestricted cash, cash equivalents and short-term investment balances, the current lack of liquidity in the credit and capital markets for ARS will not have a material impact on its liquidity, cash flow or ability to fund its operations.

At September 30, 2011, the Company evaluated its investment portfolio and noted unrealized losses of \$3.3 million on its debt securities, and \$1.0 million on its marketable equity securities, respectively, which were due to fluctuations in interest rates, credit market conditions, and/or market prices. Management does not believe any of the unrealized losses represent an other-than-temporary impairment based on its evaluation of available evidence as of September 30, 2011, except for the ARS described above and certain equity investments that are actively being sold. The Company's intent is to hold these investments until these assets are no longer impaired. For those debt securities not scheduled to mature until after June 30, 2012, such recovery is not anticipated to occur in the next year and these investments have been classified as long-term investments.

The amortized cost and estimated fair value of the available-for-sale securities at September 30, 2011, by maturity, excluding marketable equity securities of \$8.1 million and corporate debt of \$4.6 million, which have no contractual maturity, are shown below (amounts in thousands). Expected maturities can differ from contractual maturities because the issuers of the securities may have the right to prepay obligations without prepayment penalties, and the Company views its available-for-sale securities as available for current operations.

	Adjusted Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Available-for-sale				
Due in one year or less	\$233,977	\$1,162	\$(194)	) \$234,945
Due after one year and through five years	841,856	2,240	(3,148)	) 840,948
Due after five years and through ten years	—	—	—	—
Due after ten years	11,693	—	—	11,693
	\$1,087,526	\$3,402	\$(3,342)	) \$1,087,586

The Company had a net realized loss of \$0.9 million and a gain of \$0.1 million, respectively, from sales of available-for-sale marketable equity securities during the three and six months ended September 30, 2011, compared to no material gains or losses for the three and six months ended September 30, 2010. There were no material gains or

losses from sales of available-for-sale debt securities during the three and six months ended September 30, 2011, compared to no material gains or losses during the three months ended September 30, 2010 and net realized losses of \$0.2 million during the six months ended September 30, 2010.

Marketable Equity Investments

The Company had investments in public companies with a fair value of \$8.1 million as of September 30, 2011. Cash dividends and other distributions of earnings from the investees, if any, are included in other income at the date of record. The Company has classified the shares owned in these companies as marketable securities. As of September 30, 2011, the Company had an unrealized loss in other comprehensive income of \$1.0 million on these marketable securities. During the three months ended September 30, 2011, the Company recorded an impairment charge of \$1.7 million on certain shares that it

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held due to the current market price and active selling of the shares.

Non-marketable Equity Investments

The Company has certain investments in privately held companies with a carrying value of \$7.8 million at September 30, 2011. The investments in privately held companies are accounted for using the cost or the equity method of accounting, as appropriate. Each period the Company evaluates whether an event or change in circumstances has occurred that may indicate an investment has been impaired. If upon further investigation of such events the Company determines the investment has suffered a decline in value that is other than temporary, the Company writes down the investment to its estimated fair value. At September 30, 2011, the Company determined there were no such impairments. These investments are included in other assets on the condensed consolidated balance sheet.

(7) Fair Value Measurements

Accounting rules for fair value clarify that fair value is an exit price, representing the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, the Company utilizes a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value as follows:

Level 1- Observable inputs such as quoted prices in active markets;

Level 2- Inputs, other than the quoted prices in active markets, that are observable either directly or indirectly; and

Level 3- Unobservable inputs in which there is little or no market data, which require the reporting entity to develop its own assumptions.

Marketable Debt Instruments

Marketable debt instruments include instruments such as corporate bonds and debt, government agency bonds, bank deposits, municipal bonds, and money market fund deposits. When the Company uses observable market prices for identical securities that are traded in less active markets, the Company classifies its marketable debt instruments as Level 2. When observable market prices for identical securities are not available, the Company prices its marketable debt instruments using non-binding market consensus prices that are corroborated with observable market data; quoted market prices for similar instruments; or pricing models, such as a discounted cash flow model, with all significant inputs derived from or corroborated with observable market data. Non-binding market consensus prices are based on the proprietary valuation models of pricing providers or brokers. These valuation models incorporate a number of inputs, including non-binding and binding broker quotes; observable market prices for identical or similar securities; and the internal assumptions of pricing providers or brokers that use observable market inputs and, to a lesser degree, unobservable market inputs. The Company corroborates non-binding market consensus prices with observable market data using statistical models when observable market data exists. The discounted cash flow model uses observable market inputs, such as LIBOR-based yield curves, currency spot and forward rates, and credit ratings.

Assets and Liabilities Measured at Fair Value on a Recurring Basis

Assets measured at fair value on a recurring basis at September 30, 2011 are as follows (amounts in thousands):

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	Quoted Prices in Active Markets for Identical Instruments (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Balance
Assets				
Money market fund deposits	\$318,820	\$—	\$—	\$318,820
Marketable equity securities	8,078	—	—	8,078
Corporate bonds & debt	—	718,974	4,625	723,599
Government agency bonds	—	346,342	—	346,342
Deposit accounts	—	356,309	—	356,309
Municipal bonds	—	10,577	—	10,577
Auction Rate Securities	—	—	11,693	11,693
Total assets measured at fair value	\$326,898	\$1,432,202	\$16,318	\$1,775,418

Assets measured at fair value on a recurring basis at March 31, 2011 are as follows (amounts in thousands):

	Quoted Prices in Active Markets for Identical Instruments (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Balance
Assets				
Money market fund deposits	\$464,669	\$—	\$—	\$464,669
Marketable equity securities	26,861	—	—	26,861
Corporate bonds & debt	—	519,526	3,500	523,026
Government agency bonds	—	430,591	—	430,591
Deposit accounts	—	239,255	—	239,255
Municipal bonds	—	11,457	—	11,457
Auction Rate Securities	—	—	12,475	12,475
Total assets measured at fair value	\$491,530	\$1,200,829	\$15,975	\$1,708,334

For Level 3 valuations, the Company estimated the fair value of its ARS based on the following: (i) the underlying structure of each security; (ii) the present value of future principal and interest payments discounted at rates considered to reflect current market conditions; (iii) consideration of the probabilities of default, auction failure, or repurchase at par for each period; and (iv) estimates of the recovery rates in the event of default for each security. The estimated fair values that are categorized as Level 3 as well as the marketable equity securities could change significantly based on future market conditions.

The following tables present a reconciliation for all assets measured at fair value on a recurring basis, excluding accrued interest components, using significant unobservable inputs (Level 3) for the three and six months ended September 30, 2011, and the three and six months ended September 30, 2010 (amounts in thousands):

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Three months ended September 30, 2011	Auction Rate Securities	Corporate Debt	Total Gains (Losses)
Balance at June 30, 2011	\$ 12,088	\$ 3,500	\$—
Total gains or losses (realized and unrealized):			
Included in earnings	(395	) —	(395)
Included in other comprehensive income (loss)	—	—	—
Purchases, sales, issuances, and settlements, net	—	787	—
Transfer into Level 3	—	338	—
Transfer out of Level 3	—	—	—
Balance at September 30, 2011	\$ 11,693	\$ 4,625	\$ (395)

Six months ended September 30, 2011	Auction Rate Securities	Corporate Debt	Total Gains (Losses)
Balance at March 31, 2011	\$ 12,475	\$ 3,500	\$—
Total gains or losses (realized and unrealized):			
Included in earnings	(782	) —	(782)
Included in other comprehensive income (loss)	—	—	—
Purchases, sales, issuances, and settlements, net	—	787	—
Transfer into Level 3	—	338	—
Transfer out of Level 3	—	—	—
Balance at September 30, 2011	\$ 11,693	\$ 4,625	\$ (782)

Three months ended September 30, 2010	Auction Rate Securities	Put Option on Auction Rate Securities	Corporate Debt	Total Gains (Losses)
Balance at June 30, 2010	\$ 20,396	\$ 453	\$ 3,500	\$—
Total gains or losses (realized and unrealized):				
Included in earnings	65	(453	) —	(388)
Included in other comprehensive income (loss)	—	—	—	—
Purchases, sales, issuances, and settlements, net	(7,150) —	—	—
Transfer into Level 3	—	—	—	—
Transfer out of Level 3	—	—	—	—
Balance at September 30, 2010	\$ 13,311	\$—	\$ 3,500	\$ (388)

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Six months ended September 30, 2010	Auction Rate Securities	Put Option on Auction Rate Securities	Corporate Debt	Total Gains (Losses)
Balance at March 31, 2010	\$37,237	\$1,814	\$—	\$—
Total gains or losses (realized and unrealized):				
Included in earnings	974	(1,814)	) —	(840)
Included in other comprehensive income (loss)	—	—	—	—
Purchases, sales, issuances, and settlements, net	(24,900)	) —	3,500	—
Transfer into Level 3	—	—	—	—
Transfer out of Level 3	—	—	—	—
Balance at September 30, 2010	\$13,311	\$—	\$3,500	\$(840)

Assets measured at fair value on a recurring basis are presented/classified on the condensed consolidated balance sheets at September 30, 2011 as follows (amounts in thousands):

	Quoted Prices in Active Markets for Identical Instruments (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Balance
Assets				
Cash and cash equivalents	\$318,820	\$356,309	\$—	\$675,129
Short-term investments	3,786	736,523	—	740,309
Long-term investments	4,292	339,370	16,318	359,980
Total assets measured at fair value	\$326,898	\$1,432,202	\$16,318	\$1,775,418

Assets and liabilities measured at fair value on a recurring basis are presented/classified in the consolidated balance sheets at March 31, 2011 as follows (amounts in thousands):

	Quoted Prices in Active Markets for Identical Instruments (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Balance
Assets				
Cash and cash equivalents	\$464,669	\$239,255	\$—	\$703,924
Short-term investments	16,553	523,019	—	539,572
Long-term investments	10,308	438,555	15,975	464,838
Total assets measured at fair value	\$491,530	\$1,200,829	\$15,975	\$1,708,334

Financial Assets Not Recorded at Fair Value on a Recurring Basis

The Company's non-marketable equity and cost method investments are not recorded at fair value on a recurring basis. These investments were recorded at fair value as of April 8, 2010, the date of the SST acquisition, and are monitored on a quarterly basis for impairment charges. The investments will only be recorded at fair value when an impairment charge is recognized. During the three and six months ended September 30, 2011, there were no

impairment charges recognized on these investments. These investments are included in other assets on the condensed consolidated balance sheet. See further discussion of non-marketable investments in Note 6.

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(8) Fair Value of Financial Instruments

The carrying amount of cash equivalents approximates fair value because their maturity is less than three months. The carrying amount of short-term and long-term investments approximates fair value as the securities are marked to market as of each balance sheet date with any unrealized gains and losses reported in stockholders' equity. Management believes the carrying amount of the equity and cost-method investments materially approximated fair value at September 30, 2011. The carrying amount of accounts receivable, accounts payable and accrued liabilities approximates fair value due to the short-term maturity of the amounts. The fair value of the Company's junior subordinated convertible debentures was \$1.351 billion at September 30, 2011 and \$1.574 billion at March 31, 2011 based on the trading price of the bonds.

(9) Accounts Receivable

Accounts receivable consists of the following (amounts in thousands):

	September 30, 2011	March 31, 2011
Trade accounts receivable	\$ 143,633	\$ 181,840
Other	1,522	2,200
	145,155	184,040
Less allowance for doubtful accounts	2,746	2,838
	\$ 142,409	\$ 181,202

(10) Inventories

The components of inventories consist of the following (amounts in thousands):

	September 30, 2011	March 31, 2011
Raw materials	\$ 8,807	\$ 8,174
Work in process	158,349	141,462
Finished Goods	44,050	31,164
	\$ 211,206	\$ 180,800

Inventory impairment charges establish a new cost basis for inventory and charges are not subsequently reversed to income even if circumstances later suggest that increased carrying amounts are recoverable.

(11) Property, Plant and Equipment

Property, plant and equipment consists of the following (amounts in thousands):

	September 30, 2011	March 31, 2011
Land	\$ 46,529	\$ 46,497
Building and building improvements	381,258	375,611
Machinery and equipment	1,362,484	1,306,367
Projects in process	87,550	101,202
	1,877,821	1,829,677
Less accumulated depreciation and amortization	1,328,844	1,289,164
	\$ 548,977	\$ 540,513

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Depreciation expense attributed to property, plant and equipment was \$22.0 million and \$44.0 million for the three and six months ended September 30, 2011, respectively, and \$23.9 million and \$46.3 million for the three and six months ended September 30, 2010, respectively.

(12) Accrued Liabilities

Accrued liabilities consist of the following (amounts in thousands):

	September 30, 2011	March 31, 2011
Bankruptcy reorganization liability	\$—	\$19,385
Other accrued expenses	92,176	112,454
	\$92,176	\$131,839

The bankruptcy reorganization liability was incurred as part of an acquisition completed in fiscal 2011 for which the liability was settled in the second quarter of fiscal 2012.

(13) Income Taxes

The provision for income taxes reflects tax on foreign earnings and federal and state tax on U.S. earnings. The Company had an effective tax rate of 12.5% for the six-month period ended September 30, 2011 and an effective tax rate from continuing operations of 12.7% for the six-month period ended September 30, 2010. The Company's effective tax rate is lower than statutory rates in the U.S. due primarily to its mix of earnings in foreign jurisdictions with lower tax rates.

At March 31, 2011, the Company had \$58.1 million of unrecognized tax benefits. Unrecognized tax benefits increased by \$6.9 million in the six months ended September 30, 2011 compared to March 31, 2011 primarily as a result of the ongoing accrual for uncertain tax positions and the accrual of deficiency interest on these positions.

The Company files U.S. federal, U.S. state, and foreign income tax returns. For U.S. federal, and in general for U.S. state tax returns, the fiscal 2009 through fiscal 2011 tax years remain open for examination by tax authorities. The Internal Revenue Service (I.R.S.) is currently auditing the Company's fiscal years ended March 31, 2009 and 2010. For foreign tax returns, the Company is generally no longer subject to income tax examinations for years prior to fiscal 2004.

The Company recognizes liabilities for anticipated tax audit issues in the U.S. and other tax jurisdictions based on its estimate of whether, and the extent to which, additional tax payments are more likely than not. The Company believes that it has appropriate support for the income tax positions taken on its tax returns and that its accruals for tax liabilities are adequate for all open years based on an assessment of many factors including past experience and interpretations of tax law applied to the facts of each matter.

The Company believes that it maintains appropriate reserves to offset any potential income tax liabilities that may arise upon final resolution of matters for open tax years. If such reserve amounts ultimately prove to be unnecessary, the resulting reversal of such reserves would result in tax benefits being recorded in the period the reserves are no longer deemed necessary. If such amounts prove to be less than an ultimate assessment, a future charge to expense would be recorded in the period in which the assessment is determined. Although the timing of the resolution and/or closure of audits is highly uncertain, the Company does not believe it is reasonably possible that its unrecognized tax benefits would materially change in the next 12 months.

(14) 2.125% Junior Subordinated Convertible Debentures

The Company's \$1.15 billion principal amount of 2.125% junior subordinated convertible debentures due December 15, 2037, are subordinated in right of payment to any future senior debt of the Company and are effectively subordinated in right of payment to the liabilities of the Company's subsidiaries. The debentures are convertible, subject to certain conditions, into shares of the Company's common stock at an initial conversion rate of 29.2783 shares of common stock per \$1,000 principal amount of debentures, representing an initial conversion price of approximately \$34.16 per share of common stock. As of September 30, 2011, none of the conditions allowing holders of the debentures to convert had been met. As a result of cash dividends paid since the issuance of the debentures, the conversion rate has been adjusted to 35.1132 shares of common stock per \$1,000 of principal amount of debentures, representing a conversion price of approximately \$28.48 per share of common stock.

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As the debentures can be settled in cash upon conversion, for accounting purposes, the debentures were bifurcated into a liability component and an equity component, which are both initially recorded at fair value. The carrying value of the equity component at September 30, 2011 and at March 31, 2011 was \$822.4 million. The estimated fair value of the liability component of the debentures at the issuance date was \$327.6 million, resulting in a debt discount of \$822.4 million which was further discounted due to embedded features as described below. The unamortized debt discount was \$798.2 million at September 30, 2011 and \$801.9 million at March 31, 2011. The carrying value of the debentures was \$351.4 million at September 30, 2011 and \$347.3 million at March 31, 2011. The remaining period over which the unamortized debt discount will be recognized as non-cash interest expense is 26.25 years. In the three and six months ended September 30, 2011, the Company recognized \$1.9 million and \$3.7 million in non-cash interest expense related to the amortization of the debt discount. In the three and six months ended September 30, 2010, the Company recognized \$1.7 million and \$3.4 million in non-cash interest expense related to the amortization of the debt discount. The Company recognized \$6.1 million and \$12.2 million of interest expense related to the 2.125% coupon on the debentures in each of the three and six months ended September 30, 2011 and September 30, 2010, respectively.

The debentures also include certain embedded features related to the contingent interest payments, the Company making specific types of distributions (e.g., extraordinary dividends), the redemption feature in the event of changes in tax law, and penalty interest in the event of a failure to maintain an effective registration statement. These features qualify as derivatives and are bundled as a compound embedded derivative that is measured at fair value. The fair value of the derivative as of September 30, 2011 was \$0.8 million, compared to the value at March 31, 2011 of \$0.4 million, resulting in an increase in interest expense in the six months ended September 30, 2011 of \$0.4 million. The fair value of the derivative as of September 30, 2010 was \$0.7 million, compared to the value at March 31, 2010 of \$0.7 million, resulting in no addition or reduction of interest expense in the six months ended September 30, 2010. The balance of the debentures on the Company's condensed consolidated balance sheet at September 30, 2011 of \$351.4 million includes the fair value of the embedded derivative.

(15) Credit Facility

On August 12, 2011, the Company entered into a credit agreement among the Company, the lenders from time to time party thereto and JPMorgan Chase Bank, N.A., as administrative agent (the "Credit Agreement"). The Credit Agreement provides for a \$750 million revolving credit facility, with a \$100 million foreign currency sublimit, a \$25 million letter of credit sublimit and a \$15 million swingline loan sublimit, terminating on August 12, 2016 (the "Maturity Date"). The Credit Agreement also contains an increase option permitting the Company, subject to certain requirements, to arrange with existing lenders and/or new lenders for them to provide up to an aggregate of \$250 million in additional commitments, which may be for revolving loans or term loans. Proceeds of loans made under the Credit Agreement may be used for working capital and general corporate purposes. No loans were made nor letters of credit issued under the Credit Agreement at closing, and no amounts were outstanding and no letters of credit were issued at September 30, 2011.

The loans bear interest, at the Company's option, at the base rate plus a spread of 0.50% to 1.50% or an adjusted LIBOR rate (based on one, two, three, or six-month interest periods) plus a spread of 1.50% to 2.50%, in each case with such spread being determined based on the consolidated leverage ratio for the preceding four fiscal quarter period. The base rate means the highest of JPMorgan Chase Bank, N.A.'s prime rate, the federal funds rate plus a margin equal to 0.50% and the adjusted LIBOR rate for a 1-month interest period plus a margin equal to 1.00%. Swingline loans accrue interest at a per annum rate based on the base rate plus the applicable margin for base rate loans. Base rate loans may only be made in U.S. Dollars. The Company is also obligated to pay other administration fees and letter of credit fees for a credit facility of this size and type.

Interest is due and payable in arrears quarterly for loans bearing interest at the base rate and at the end of an interest period (or at each three month interval in the case of loans with interest periods greater than three months) in the case of loans bearing interest at the adjusted LIBOR rate. Principal, together with all accrued and unpaid interest, is due and payable on the maturity date. The Company may prepay the loans and terminate the commitments, in whole or in part, at any time without premium or penalty, subject to certain conditions including minimum amounts in the case of commitment reductions and reimbursement of certain costs in the case of prepayments of LIBOR loans.

The Company's obligations under the Credit Agreement are guaranteed by certain of its subsidiaries meeting materiality thresholds set forth in the Credit Agreement. To secure the Company's obligations under the Credit Agreement, the Company and its domestic subsidiaries will be required to pledge the equity securities of certain of their respective material subsidiaries, subject to certain exceptions and limitations.

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The Credit Agreement contains customary affirmative and negative covenants, including covenants that limit or restrict the Company and its subsidiaries' ability to, among other things, incur subsidiary indebtedness, grant liens, merge or consolidate, dispose of assets, make investments, make acquisitions, enter into certain transactions with affiliates, pay dividends or make distributions, repurchase stock, enter into restrictive agreements and enter into sale and leaseback transactions, in each case subject to customary exceptions for a credit facility of this size and type. The Company is also required to maintain compliance with a consolidated leverage ratio and a consolidated interest coverage ratio.

The Credit Agreement includes customary events of default that, include among other things, non-payment defaults, inaccuracy of representations and warranties, covenant defaults, cross default to material indebtedness, bankruptcy and insolvency defaults, material judgment defaults, ERISA defaults and a change of control default. The occurrence of an event of default could result in the acceleration of the obligations under the Credit Agreement. Under certain circumstances, a default interest rate will apply on all obligations during the existence of an event of default under the Credit Agreement at a per annum rate equal to 2.00% above the applicable interest rate for any overdue principal and 2.00% above the rate applicable for base rate loans for any other overdue amounts.

(16)Contingencies

In the ordinary course of the Company's business, it is involved in a limited number of legal actions, both as plaintiff and defendant, and could incur uninsured liability in any one or more of them. The Company also periodically receives notifications from various third parties alleging infringement of patents, intellectual property rights or other matters. With respect to pending legal actions to which the Company is a party, although the outcomes of these actions are not generally determinable, the Company believes that the ultimate resolution of these matters will not have a material adverse effect on its financial position, cash flows or results of operations. Litigation relating to the semiconductor industry is not uncommon, and the Company is, and from time to time has been, subject to such litigation. No assurances can be given with respect to the extent or outcome of any such litigation in the future.

The Company's technology license agreements generally include an indemnification clause that indemnifies the licensee against liability and damages (including legal defense costs) arising from any claims of patent, copyright, trademark or trade secret infringement by the Company's proprietary technology. The terms of these indemnification provisions approximate the terms of the technology license agreements, which typically range from five to ten years. The Company's current license agreements expire from 2011 through 2030. The possible amount of future payments the Company could be required to make based on agreements that specify indemnification limits, if such indemnifications were required on all of these agreements, is approximately \$94 million. There are some licensing agreements in place that do not specify indemnification limits. The Company had not recorded any liabilities related to these indemnification obligations as of September 30, 2011.

Contingent liabilities in the amount of \$13.0 million were recorded in connection with the SST acquisition as an adverse outcome was determined to be probable and estimable. At September 30, 2011, there were no material changes to the amount recognized at the acquisition date for these contingencies.

(17)Derivative Instruments

The Company has international operations and is thus subject to foreign currency rate fluctuations. To manage the risk of changes in foreign currency rates, the Company periodically enters into derivative contracts comprised of foreign currency forward contracts to hedge its asset and liability foreign currency exposure and a portion of its foreign currency operating expenses. Approximately 99% of the Company's sales are U.S. Dollar denominated. To

date, the exposure related to foreign exchange rate volatility has not been material to the Company's operating results. As of September 30, 2011 and March 31, 2011, the Company had no foreign currency derivatives outstanding. The Company recognized an immaterial amount of net realized losses on foreign currency derivatives in the three and six months ended September 30, 2011 and an immaterial amount of net realized gains on foreign currency derivatives in the three and six months ended September 30, 2010.

(18)Comprehensive Income

Comprehensive income consists of net income offset by net unrealized gains and losses on available-for-sale investments. The components of other comprehensive income and related tax effects were as follows (amounts in thousands):

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	Three Months Ended September 30,		Six Months Ended September 30,	
	2011	2010	2011	2010
Change in unrealized gains and losses on investments, net of tax effect of \$(547), \$1,265, \$(428) and \$(3,252), respectively.	\$(5,881	) \$6,043	\$(3,954	) \$(1,242)

Comprehensive income was \$73.4 million and \$174.6 million in the three and six months ended September 30, 2011, and \$109.1 million and \$191.4 million in the three and six months ended September 30, 2010.

(19)Equity Incentive Plans**Share-Based Compensation Expense**

The following table presents the details of the Company's share-based compensation expense (amounts in thousands):

	Three Months Ended September 30,		Six Months Ended September 30,	
	2011	2010	2011	2010
Cost of sales	\$1,608	(1) \$1,743	(1) \$3,007	(1) \$3,708
Research and development	3,556	3,025	6,969	6,192
Selling, general and administrative	4,320	4,157	8,532	8,476
Pre-tax effect of share-based compensation	9,484	8,925	18,508	18,376
Income tax benefit	1,226	1,114	2,394	2,276
Net income effect of share-based compensation	\$8,258	\$7,811	\$16,114	\$16,100

(1) During the three and six months ended September 30, 2011, \$1.7 million and \$3.3 million, respectively, of share-based compensation expense was capitalized to inventory and \$1.6 million and \$3.0 million, respectively, of previously capitalized share-based compensation expenses in inventory was sold. During the three and six months ended September 30, 2010, \$1.7 million and \$3.7 million, respectively, of share-based compensation expense was capitalized to inventory and \$1.7 million and \$3.7 million, respectively, of previously capitalized share-based compensation expense in inventory was sold.

The amount of unearned share-based compensation currently estimated to be expensed in the remainder of fiscal 2012 through fiscal 2016 related to unvested share-based payment awards at September 30, 2011 is \$72.1 million. The weighted average period over which the unearned share-based compensation is expected to be recognized is approximately 2.07 years.

Combined Incentive Plan Information

The total intrinsic value of restricted stock units (RSUs) which vested during the three and six months ended September 30, 2011 was \$7.8 million and \$18.5 million, respectively. The aggregate intrinsic value of RSUs outstanding at September 30, 2011 was \$172.1 million, calculated based on the closing price of the Company's common stock of \$31.11 per share on September 30, 2011. At September 30, 2011, the weighted average remaining expense recognition period was 2.12 years.

The weighted average fair value per share of the RSUs awarded is calculated based on the fair market value of the Company's common stock on the respective grant dates discounted for the Company's expected dividend yield. The

weighted average fair value per share of RSUs awarded in the three and six-month periods ended September 30, 2011 was \$31.61 and \$32.27, respectively. The weighted average fair value per share of RSUs awarded in the three and six-month periods ended September 30, 2010 was \$23.45 and \$23.49, respectively.

The total intrinsic value of options exercised during the three and six months ended September 30, 2011 was \$1.1 million and \$13.1 million, respectively. This intrinsic value represents the difference between the fair market value of the Company's common stock on the date of exercise and the exercise price of each equity award.

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The aggregate intrinsic value of options outstanding and options exercisable at September 30, 2011 was \$27.6 million. The aggregate intrinsic values were calculated based on the closing price of the Company's common stock of \$31.11 per share on September 30, 2011.

As of September 30, 2011 and 2010, the number of option shares exercisable was 4,566,785 and 7,493,700, respectively, and the weighted average exercise price per share was \$25.17 and \$24.74, respectively.

There were no stock options granted in either of the three and six months ended September 30, 2011 and 2010.

(20) Net Income Per Common Share

The following table sets forth the computation of basic and diluted net income per common share from continuing operations (in thousands, except per share amounts):

	Three Months Ended September 30,		Six Months Ended September 30,	
	2011	2010	2011	2010
Net income from continuing operations	\$79,287	\$104,748	\$178,580	\$196,625
Weighted average common shares outstanding	190,809	186,303	190,461	185,922
Dilutive effect of stock options and RSUs	4,107	4,401	4,332	4,466
Dilutive effect of convertible debt	5,283	—	7,590	—
Weighted average common and potential common shares outstanding	200,199	190,704	202,383	190,388
Basic net income per common share – continuing operations	\$0.42	\$0.56	\$0.94	\$1.06
Diluted net income per common share – continuing operations	\$0.40	\$0.55	\$0.88	\$1.03

Diluted net income per common share for continuing operations for the three and six-month periods ended September 30, 2011 includes 5,282,795 and 7,589,675 shares, respectively, issuable upon the exchange of debentures (see Note 14). Diluted net income per common share for continuing operations for the three and six-month periods ended September 30, 2010 does not include any incremental shares issuable upon the exchange of debentures. The debentures have no impact on diluted net income per common share unless the average price of the Company's common stock exceeds the conversion price because the principal amount of the debentures will be settled in cash upon conversion. Prior to conversion, the Company will include, in the diluted net income per common share calculation, the effect of the additional shares that may be issued when the Company's common stock price exceeds the conversion price using the treasury stock method. The weighted average conversion price per share used in calculating the dilutive effect of the convertible debt for the three and six months ended September 30, 2011 was \$28.64 and \$28.78, respectively.

Diluted net loss per common share from discontinued operations for the three and six-month periods ended September 30, 2010 was \$(0.01) and \$(0.02), respectively. There was no diluted net income or loss from discontinued operations for the three and six-month periods ended September 30, 2011.

Weighted average common shares exclude the effect of anti-dilution option shares. For the three and six-month periods ended September 30, 2011, the number of option shares that were antidilutive was 119,838 and 53,374, respectively. For the three and six-month periods ended September 30, 2010, the number of option shares that were antidilutive was 353,184 and 432,134, respectively.

(21) Dividends

A quarterly cash dividend of \$0.347 per share was paid on September 1, 2011 in the aggregate amount of \$66.2 million. Through the first six months of fiscal 2012, cash dividends of \$0.693 per share have been paid in the aggregate amount of \$132.1 million. A quarterly cash dividend of \$0.348 per share was declared on November 3, 2011 and will be paid on December 5, 2011 to stockholders of record as of November 21, 2011. The Company expects the December 2011 payment of its quarterly cash dividend to be approximately \$66.7 million.

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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

This report, including "Part I – Item 2 Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Part II - Item 1A Risk Factors" contains certain forward-looking statements that involve risks and uncertainties, including statements regarding our strategy, financial performance and revenue sources. We use words such as "anticipate," "believe," "plan," "expect," "future," "intend" and similar expressions to identify forward-looking statements. Our actual results could differ materially from the results anticipated in these forward-looking statements as a result of certain factors including those set forth under "Risk Factors," beginning at page 36 and elsewhere in this Form 10-Q. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. You should not place undue reliance on these forward-looking statements. We disclaim any obligation to update information contained in any forward-looking statement. These forward-looking statements include, without limitation, statements regarding the following:

- The effects that adverse global economic conditions and fluctuations in the global credit and equity markets may have on our financial condition and results of operations;
- The effects and amount of competitive pricing pressure on our product lines;
- Our ability to moderate future average selling price declines;
- The effect of product mix, capacity utilization, yields, fixed cost absorption, competition and economic conditions on gross margin;
- The amount of, and changes in, demand for our products and those of our customers;
- The level of orders that will be received and shipped within a quarter;
- Our expectation that we will grow inventory levels in the December 2011 quarter and that it will allow us to maintain competitive lead times;
- The effect that distributor and customer inventory holding patterns will have on us;
- Our belief that customers recognize our products and brand name and use distributors as an effective supply channel;
- Our belief that deferred cost of sales are recorded at their approximate carrying value and will have low risk of material impairment;
- Our belief that our direct sales personnel combined with our distributors provide an effective means of reaching our customer base;
- Our ability to increase the proprietary portion of our analog and interface product lines and the effect of such an increase;
- Our belief that our processes afford us both cost-effective designs in existing and derivative products and greater functionality in new product designs;
- The impact of any supply disruption we may experience;
- Our ability to effectively utilize our facilities at appropriate capacity levels and anticipated costs;
- That we adjust capacity utilization to respond to actual and anticipated business and industry-related conditions;
- That our existing facilities will provide sufficient capacity to respond to increases in demand with modest incremental capital expenditures;
- That manufacturing costs will be reduced by transition to advanced process technologies;
- Our ability to maintain manufacturing yields;
- Continuing our investments in new and enhanced products;
- The cost effectiveness of using our own assembly and test operations;
- Our anticipated level of capital expenditures;
- Continuation and amount of quarterly cash dividends;
-

The sufficiency of our existing sources of liquidity to finance anticipated capital expenditures and otherwise meet our anticipated cash requirements, and the effects that our contractual obligations are expected to have on them;

• The impact of seasonality on our business;

• The accuracy of our estimates used in valuing employee equity awards;

• That the resolution of legal actions will not have a material effect on our business, and the accuracy of our assessment of the probability of loss and range of potential loss;

• The recoverability of our deferred tax assets;

• The adequacy of our tax reserves to offset any potential tax liabilities, having the appropriate support for our income tax positions and the accuracy of our estimated tax rate;

• Our belief that the expiration of any tax holidays will not have a material impact on our overall tax expense or effective tax rate;

• Our belief that the estimates used in preparing our consolidated financial statements are reasonable;

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- Our belief that recently issued accounting pronouncements listed in this document will not have a significant impact on our consolidated financial statements;
- The adequacy of our patent strategy, and our belief that the impact of the expiration of any particular patent will not have a material effect on our business;
- Our actions to vigorously and aggressively defend and protect our intellectual property on a worldwide basis;
- Our ability to obtain patents and intellectual property licenses and minimize the effects of litigation;
- The level of risk we are exposed to for product liability claims;
 - The effect of fluctuations in market interest rates on income and/or cash flows;
- The effect of fluctuations in currency rates;
- The accuracy of our estimates of market information that determines the value of our Auction Rate Securities (ARS), and that the lack of markets for the ARS will not have a material impact on our liquidity, cash flow, or ability to fund operations;
- Our intention to indefinitely reinvest undistributed earnings of certain non-US subsidiaries in those subsidiaries;
- Our intent to maintain a high-quality investment portfolio that preserves principal, meets liquidity needs, avoids inappropriate concentrations and delivers an appropriate yield; and
- Our ability to collect accounts receivable.

We begin our Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) with a summary of Microchip's overall business strategy to give the reader an overview of the goals of our business and the overall direction of our business and products. This is followed by a discussion of the Critical Accounting Policies and Estimates that we believe are important to understanding the assumptions and judgments incorporated in our reported financial results. We then discuss our Results of Operations for the three and six months ended September 30, 2011 compared to the three and six months ended September 30, 2010. We then provide an analysis of changes in our balance sheet and cash flows, and discuss our financial commitments in sections titled "Liquidity and Capital Resources," "Contractual Obligations" and "Off-Balance Sheet Arrangements."

Strategy

Our goal is to be a worldwide leader in providing specialized semiconductor products for a wide variety of embedded control applications. Our strategic focus is on embedded control products, which include microcontrollers, high-performance linear and mixed signal devices, power management and thermal management devices, interface devices, Serial EEPROMs, and our patented KeeLoq® security devices. We provide highly cost-effective embedded control products that also offer the advantages of small size, high performance, low voltage/power operation and ease of development, enabling timely and cost-effective embedded control product integration by our customers. With our acquisition of SST in April 2010, we added Flash-IP solutions and SuperFlash memory products to our strategic focus. We license SuperFlash technology to foundries, IDMs and design partners throughout the world for use in the manufacture of their advanced microcontroller products.

We sell our products to a broad base of domestic and international customers across a variety of industries. The principal markets that we serve include consumer, automotive, industrial, office automation and telecommunications. Our business is subject to fluctuations based on economic conditions within these markets.

Our manufacturing operations include wafer fabrication and assembly and test. The ownership of our manufacturing resources is an important component of our business strategy, enabling us to maintain a high level of manufacturing control resulting in us being one of the lowest cost producers in the embedded control industry. By owning our wafer fabrication facilities and our assembly and test operations, and by employing statistical process control techniques, we

have been able to achieve and maintain high production yields. Direct control over manufacturing resources allows us to shorten our design and production cycles. This control also allows us to capture the wafer manufacturing and a portion of the assembly and test profit margin.

We employ proprietary design and manufacturing processes in developing our embedded control products. We believe our processes afford us both cost-effective designs in existing and derivative products and greater functionality in new product designs. While many of our competitors develop and optimize separate processes for their logic and memory product lines, we use a common process technology for both microcontroller and non-volatile memory products. This allows us to more fully leverage our process research and development costs and to deliver new products to market more rapidly. Our engineers utilize advanced computer-aided design (CAD) tools and software to perform circuit design, simulation and layout, and our in-house photomask and wafer fabrication facilities enable us to rapidly verify design techniques by processing test wafers quickly and efficiently.

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We are committed to continuing our investment in new and enhanced products, including development systems, and in our design and manufacturing process technologies. We believe these investments are significant factors in maintaining our competitive position. Our current research and development activities focus on the design of new microcontrollers, digital signal controllers, memory and mixed-signal products, Flash-IP systems, new development systems, software and application-specific software libraries. We are also developing new design and process technologies to achieve further cost reductions and performance improvements in our products.

We market our products worldwide primarily through a network of direct sales personnel and distributors. Our distributors focus primarily on servicing the product and technical support requirements of a broad base of diverse customers. We believe that our direct sales personnel combined with our distributors provide an effective means of reaching this broad and diverse customer base. Our direct sales force focuses primarily on major strategic accounts in three geographical markets: the Americas, Europe and Asia. We currently maintain sales and support centers in major metropolitan areas in North America, Europe and Asia. We believe that a strong technical service presence is essential to the continued development of the embedded control market. Many of our field sales engineers (FSEs), field application engineers (FAEs), and sales management have technical degrees and have been previously employed in an engineering environment. We believe that the technical knowledge of our sales force is a key competitive advantage in the sale of our products. The primary mission of our FAE team is to provide technical assistance to strategic accounts and to conduct periodic training sessions for FSEs and distributor sales teams. FAEs also frequently conduct technical seminars for our customers in major cities around the world, and work closely with our distributors to provide technical assistance and end-user support.

Critical Accounting Policies and Estimates

General

Our discussion and analysis of Microchip's financial condition and results of operations is based upon our condensed consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the U.S. We review the accounting policies we use in reporting our financial results on a regular basis. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and related disclosure of contingent liabilities. On an ongoing basis, we evaluate our estimates, including those related to revenue recognition, business combinations, share-based compensation, inventories, income taxes, junior subordinated convertible debentures and contingencies. We base our estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Our results may differ from these estimates due to actual outcomes being different from those on which we based our assumptions. We review these estimates and judgments on an ongoing basis. We believe the following critical accounting policies affect our more significant judgments and estimates used in the preparation of our condensed consolidated financial statements. We also have other policies that we consider key accounting policies, such as our policy regarding revenue recognition to OEMs; however, we do not believe these policies require us to make estimates or judgments that are as difficult or subjective as our policies described below.

Revenue Recognition - Distributors

Our distributors worldwide generally have broad price protection and product return rights, so we defer revenue recognition until the distributor sells the product to their customer. Revenue is recognized when the distributor sells the product to an end-customer, at which time the sales price becomes fixed or determinable. Revenue is not recognized upon shipment to our distributors since, due to discounts from list price as well as price protection rights,

the sales price is not substantially fixed or determinable at that time. At the time of shipment to these distributors, we record a trade receivable for the selling price as there is a legally enforceable right to payment, relieve inventory for the carrying value of goods shipped since legal title has passed to the distributor, and record the gross margin in deferred income on shipments to distributors on our condensed consolidated balance sheets.

Deferred income on shipments to distributors effectively represents the gross margin on the sale to the distributor; however, the amount of gross margin that we recognize in future periods could be less than the deferred margin as a result of credits granted to distributors on specifically identified products and customers to allow the distributors to earn a competitive gross margin on the sale of our products to their end customers and price protection concessions related to market pricing conditions.

We sell the majority of the items in our product catalog to our distributors worldwide at a uniform list price. However, distributors resell our products to end customers at a very broad range of individually negotiated price points. The majority of

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our distributors' resales require a reduction from the original list price paid. Often, under these circumstances, we remit back to the distributor a portion of their original purchase price after the resale transaction is completed in the form of a credit against the distributors' outstanding accounts receivable balance. The credits are on a per unit basis and are not given to the distributor until they provide information to us regarding the sale to their end customer. The price reductions vary significantly based on the customer, product, quantity ordered, geographic location and other factors and discounts to a price less than our cost have historically been rare. The effect of granting these credits establishes the net selling price to our distributors for the product and results in the net revenue recognized by us when the product is sold by the distributors to their end customers. Thus, a portion of the "deferred income on shipments to distributors" balance represents the amount of distributors' original purchase price that will be credited back to the distributor in the future. The wide range and variability of negotiated price concessions granted to distributors does not allow us to accurately estimate the portion of the balance in the deferred income on shipments to distributors account that will be credited back to the distributors. Therefore, we do not reduce deferred income on shipments to distributors or accounts receivable by anticipated future concessions; rather, price concessions are typically recorded against deferred income on shipments to distributors and accounts receivable when incurred, which is generally at the time the distributor sells the product. At September 30, 2011, we had approximately \$218.7 million of deferred revenue and \$74.5 million in deferred cost of sales recognized as \$144.2 million of deferred income on shipments to distributors. At March 31, 2011, we had approximately \$208.1 million of deferred revenue and \$68.1 million in deferred cost of sales recognized as \$140.0 million of deferred income on shipments to distributors. The deferred income on shipments to distributors that will ultimately be recognized in our income statement will be lower than the amount reflected on the balance sheet due to additional price credits to be granted to the distributors when the product is sold to their customers. These additional price credits historically have resulted in the deferred income approximating the overall gross margins that we recognize in the distribution channel of our business.

Distributor advances, reflected as a reduction of deferred income on shipments to distributors on our condensed consolidated balance sheets, totaled \$82.3 million at September 30, 2011 and \$71.9 million at March 31, 2011. On sales to distributors, our payment terms generally require the distributor to settle amounts owed to us for an amount in excess of their ultimate cost. The sales price to our distributors may be higher than the amount that the distributors will ultimately owe us because distributors often negotiate price reductions after purchasing the product from us and such reductions are often significant. It is our practice to apply these negotiated price discounts to future purchases, requiring the distributor to settle receivable balances, on a current basis, generally within 30 days, for amounts originally invoiced. This practice has an adverse impact on the working capital of our distributors. As such, we have entered into agreements with certain distributors whereby we advance cash to the distributors to reduce the distributor's working capital requirements. These advances are reconciled at least on a quarterly basis and are estimated based on the amount of ending inventory as reported by the distributor multiplied by a negotiated percentage. Such advances have no impact on our revenue recognition or our condensed consolidated statements of income. We process discounts taken by distributors against our deferred income on shipments to distributors' balance and true-up the advanced amounts generally after the end of each completed fiscal quarter. The terms of these advances are set forth in binding legal agreements and are unsecured, bear no interest on unsettled balances and are due upon demand. The agreements governing these advances can be canceled by us at any time.

We reduce product pricing through price protection based on market conditions, competitive considerations and other factors. Price protection is granted to distributors on the inventory they have on hand at the date the price protection is offered. When we reduce the price of our products, it allows the distributor to claim a credit against its outstanding accounts receivable balances based on the new price of the inventory it has on hand as of the date of the price reduction. There is no immediate revenue impact from the price protection, as it is reflected as a reduction of the deferred income on shipments to distributors' balance.

Products returned by distributors and subsequently scrapped have historically been immaterial to our consolidated results of operations. We routinely evaluate the risk of impairment of the deferred cost of sales component of the deferred income on shipments to distributors account. Because of the historically immaterial amounts of inventory that have been scrapped, and historically rare instances where discounts given to a distributor result in a price less than our cost, we believe the deferred costs are recorded at their approximate carrying value.

Business Combinations

All of our business combinations are accounted for at fair value under the acquisition method of accounting. Under the acquisition method of accounting, (i) acquisition-related costs, except for those costs incurred to issue debt or equity securities, will be expensed in the period incurred; (ii) non-controlling interests will be valued at fair value at the acquisition date; (iii) in-process research and development will be recorded at fair value as an intangible asset at the acquisition date and amortized once the technology reaches technological feasibility; (iv) restructuring costs associated with a business combination will be expensed subsequent to the acquisition date; and (v) changes in deferred tax asset valuation allowances and income tax

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uncertainties after the acquisition date will be recognized through income tax expense or directly in contributed capital. The measurement of fair value of assets accrued and liabilities assumed requires significant judgment. The valuation of intangible assets and acquired investments in privately held companies, in particular, requires that we use valuation techniques such as the income approach. The income approach includes the use of a discounted cash flow model, which includes discounted cash flow scenarios and requires the following significant estimates: revenue, expenses, capital spending and other costs, and discount rates based on the respective risks of the cash flows. The valuation of non-marketable equity investments acquired also takes into account variables such as conditions reflected in the capital markets, recent financing activity by the investees, the investees' capital structure and the terms of the investees' issued interests.

Share-Based Compensation

We measure fair value and recognize compensation expense for all share-based payment awards, including grants of employee stock options, RSUs and employee stock purchase rights, to be recognized in our financial statements based on their respective grant date fair values. Total share-based compensation during the six months ended September 30, 2011 was \$18.5 million, of which \$15.5 million was reflected in operating expenses. Total share-based compensation reflected in cost of sales during the six months ended September 30, 2011 was \$3.0 million. Total share-based compensation included in our inventory balance was \$3.8 million at September 30, 2011.

Determining the appropriate fair-value model and calculating the fair value of share-based awards at the date of grant requires judgment. The fair value of our RSUs is based on the fair market value of our common stock on the date of grant discounted for expected future dividends. We use the Black-Scholes option pricing model to estimate the fair value of employee stock options and rights to purchase shares under our employee stock purchase plans. Option pricing models, including the Black-Scholes model, also require the use of input assumptions, including expected volatility, expected life, expected dividend rate, and expected risk-free rate of return. We use a blend of historical and implied volatility based on options freely traded in the open market as we believe this is more reflective of market conditions and a better indicator of expected volatility than using purely historical volatility. The expected life of the awards is based on historical and other economic data trended into the future. The risk-free interest rate assumption is based on observed interest rates appropriate for the terms of our awards. The dividend yield assumption is based on our history and expectation of future dividend payouts. We estimate the number of share-based awards which will be forfeited due to employee turnover. Quarterly changes in the estimated forfeiture rate can have a significant effect on reported share-based compensation, as the effect of adjusting the rate for all expense amortization after April 1, 2006 is recognized in the period the forfeiture estimate is changed. If the actual forfeiture rate is higher or lower than the estimated forfeiture rate, then an adjustment is made to increase or decrease the estimated forfeiture rate, which will result in a decrease or increase to the expense recognized in our financial statements. If forfeiture adjustments are made, they would affect our gross margin, research and development expenses, and selling, general and administrative expenses. The effect of forfeiture adjustments through the second quarter of fiscal 2012 was immaterial.

We evaluate the assumptions used to value our awards on a quarterly basis. If factors change and we employ different assumptions, share-based compensation expense may differ significantly from what we have recorded in the past. If there are any modifications or cancellations of the underlying unvested securities, we may be required to accelerate, increase or cancel any remaining unearned share-based compensation expense. Future share-based compensation expense and unearned share-based compensation will increase to the extent that we grant additional equity awards to employees or we assume unvested equity awards in connection with acquisitions.

Inventories

Inventories are valued at the lower of cost or market using the first-in, first-out method. We write down our inventory for estimated obsolescence or unmarketable inventory in an amount equal to the difference between the cost of inventory and the estimated market value based on assumptions about future demand and market conditions. If actual market conditions are less favorable than those we projected, additional inventory write-downs may be required. Inventory impairment charges establish a new cost basis for inventory and charges are not subsequently reversed to income even if circumstances later suggest that increased carrying amounts are recoverable. In estimating our inventory obsolescence, we primarily evaluate estimates of demand over a 12-month period and record impairment charges for inventory on hand in excess of the estimated 12-month demand.

In periods where our production levels are substantially below our normal operating capacity, the reduced production levels of our manufacturing facilities are charged directly to cost of sales. There were no such charges in the fiscal periods covered by this report.

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Income Taxes

As part of the process of preparing our condensed consolidated financial statements, we are required to estimate our income taxes in each of the jurisdictions in which we operate. This process involves estimating our actual current tax exposure together with assessing temporary differences resulting from differing treatment of items for tax and accounting purposes. These differences result in deferred tax assets and liabilities, which are included within our condensed consolidated balance sheets. We must then assess the likelihood that our deferred tax assets will be recovered from future taxable income within the relevant jurisdiction and to the extent we believe that recovery is not likely, we must establish a valuation allowance. We have provided valuation allowances for certain of our deferred tax assets, including state net operating loss carryforwards, foreign tax credits and state tax credits, where it is more likely than not that some portion, or all of such assets, will not be realized. At September 30, 2011, the valuation allowances totaled \$54.1 million. Should we determine that we would not be able to realize all or part of our net deferred tax asset in the future, an adjustment to the deferred tax asset would be charged to income in the period such determination was made. At September 30, 2011, our gross deferred tax asset was \$96.5 million.

Various taxing authorities in the U.S. and other countries in which we do business scrutinize the tax structures employed by businesses. Companies of our size and complexity are regularly audited by the taxing authorities in the jurisdictions in which they conduct significant operations. We are currently under audit by the U.S. Internal Revenue Service (IRS) for our fiscal years 2009 and 2010. Fiscal year 2011 is open for examination by tax authorities. We recognize liabilities for anticipated tax audit issues in the U.S. and other tax jurisdictions based on our estimate of whether, and the extent to which, additional tax payments are more likely than not. We believe that we maintain adequate tax reserves to offset any potential tax liabilities that may arise upon these and other pending audits in the U.S. and other countries in which we do business. If such amounts ultimately prove to be unnecessary, the resulting reversal of such reserves would result in tax benefits being recorded in the period the reserves are no longer deemed necessary. If such amounts ultimately prove to be less than an ultimate assessment, a future charge to expense would be recorded in the period in which the assessment is determined.

Junior Subordinated Convertible Debentures

We separately account for the liability and equity components of our junior subordinated convertible debentures in a manner that reflects our nonconvertible debt (unsecured debt) borrowing rate when interest cost is recognized. This results in a bifurcation of a component of the debt, classification of that component in equity and the accretion of the resulting discount on the debt to be recognized as part of interest expense in our condensed consolidated statements of income. Additionally, certain embedded features of the debentures qualify as derivatives and are bundled as a compound embedded derivative that is measured at fair value. Lastly, we include the dilutive effect of the shares of our common stock issuable upon conversion of the outstanding junior subordinated convertible debentures in our diluted income per share calculation regardless of whether the market price trigger or other contingent conversion feature has been met. We apply the treasury stock method as we have the intent and current ability to settle the principal amount of the junior subordinated convertible debentures in cash. This method results in incremental dilutive shares when the average fair value of our common stock for a reporting period exceeds the conversion price per share which was \$28.48 at September 30, 2011 and adjusts as dividends are recorded in the future.

Contingencies

In the ordinary course of our business, we are involved in a limited number of legal actions, both as plaintiff and defendant, and could incur uninsured liability in any one or more of them. We also periodically receive notifications from various third parties alleging infringement of patents, intellectual property rights or other matters. With respect to pending legal actions to which we are a party, although the outcomes of these actions are not generally

determinable, we believe that the ultimate resolution of these matters will not have a material adverse effect on our financial position, cash flows or results of operations. Litigation relating to the semiconductor industry is not uncommon, and we are, and from time to time have been, subject to such litigation. No assurances can be given with respect to the extent or outcome of any such litigation in the future.

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Results of Continuing Operations

The following table sets forth certain operational data as a percentage of net sales for the periods indicated:

	Three Months Ended		Six Months Ended	
	September 30,		September 30,	
	2011	2010	2011	2010
Net sales	100.0	% 100.0	% 100.0	% 100.0
Cost of sales	42.7	41.1	42.0	41.5
Gross profit	57.3	58.9	58.0	58.5
Research and development	13.3	11.5	12.7	11.4
Selling, general and administrative	15.3	15.1	15.3	15.5
Special charges	—	0.1	—	0.2
Operating income	28.7	% 32.2	% 30.0	% 31.4

Net Sales

We operate in two industry segments and engage primarily in the design, development, manufacture and marketing of semiconductor products as well as the licensing of Flash intellectual property. We sell our products to distributors and original equipment manufacturers, referred to as OEMs, in a broad range of market segments, perform ongoing credit evaluations of our customers and generally require no collateral. In certain circumstances, a customer's financial condition may require collateral, and, in such cases, the collateral would be provided primarily by letters of credit.

Our net sales for the quarter ended September 30, 2011 were \$340.6 million, a decrease of 9.1% from the previous quarter's sales of \$374.5 million, and a decrease of 10.9% from net sales of \$382.3 million in the quarter ended September 30, 2010. Our net sales for the six months ended September 30, 2011 were \$715.1 million, a decrease of 3.3% from net sales of \$739.4 in the six months ended September 30, 2010. The decreases in net sales for these periods were due primarily to general economic and semiconductor conditions. Average selling prices for our semiconductor products were up approximately 2.0% for the three-month period ended September 30, 2011 over the corresponding period of the previous fiscal year. The average selling prices for our semiconductor products were up approximately 2.9% for the six-month period ended September 30, 2011 over the corresponding period of the previous fiscal year. The number of units of our semiconductor products sold was down approximately 15.0% for the three-month period ended September 30, 2011, and 8.7% for the six-month period ended September 30, 2011 over the corresponding periods of the previous fiscal year.

The average selling prices and the unit volumes of our sales are impacted by the mix of our products sold and overall semiconductor market conditions. Key factors related to the amount of net sales during the three and six-month periods ended September 30, 2011 compared to the three and six-month periods ended September 30, 2010 include:

- global economic conditions in the markets we serve;
- semiconductor industry conditions;
- inventory holding patterns of our customers;
- increasing semiconductor content in our customers' products;
- customers' increasing needs for the flexibility offered by our programmable solutions;
- our new product offerings that have increased our served available market; and
- continued market share gains in the segments of the markets we address.

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Sales by product line for the three and six months ended September 30, 2011 and 2010 were as follows (dollars in thousands):

	Three Months Ended September 30, (unaudited)				Six Months Ended September 30, (unaudited)			
	2011	%	2010	%	2011	%	2010	%
Microcontrollers	\$226,995	66.6	\$256,720	67.2	\$482,752	67.5	\$501,907	67.9
Memory products	44,672	13.1	61,878	16.2	95,812	13.4	116,888	15.8
Analog and interface products	42,275	12.4	46,401	12.1	84,850	11.9	87,972	11.9
Technology licensing	21,984	6.5	17,272	4.5	42,631	6.0	32,629	4.4
Other	4,676	1.4	—	—	9,064	1.2	—	—
Total sales	\$340,602	100.0 %	\$382,271	100.0 %	\$715,109	100.0 %	\$739,396	100.0 %

Microcontrollers

Our microcontroller product line represents the largest component of our total net sales. Microcontrollers and associated application development systems accounted for approximately 66.6% of our total net sales for the three-month period ended September 30, 2011 and approximately 67.5% of our total net sales for the six-month period ended September 30, 2011 compared to approximately 67.2% of our total net sales for the three-month period ended September 30, 2010 and approximately 67.9% of our total net sales for the six-month period ended September 30, 2010.

Net sales of our microcontroller products decreased approximately 11.6% in the three-month period ended September 30, 2011 and approximately 3.8% in the six-month period ended September 30, 2011 compared to the three and six-month periods ended September 30, 2010. These sales decreases were driven primarily by general economic and semiconductor industry conditions in the end markets that we serve including the consumer, automotive, industrial control, communications and computing markets, which offset market share gains.

Historically, average selling prices in the semiconductor industry decrease over the life of any particular product. The overall average selling prices of our microcontroller products have remained relatively constant over time due to the proprietary nature of these products. We have experienced, and expect to continue to experience, pricing pressure in certain microcontroller product lines, primarily due to competitive conditions. We have been able in the past, and expect to be able in the future, to moderate average selling price declines in our microcontroller product lines by introducing new products with more features and higher prices. We may be unable to maintain average selling prices for our microcontroller products as a result of increased pricing pressure in the future, which would adversely affect our operating results.

Memory Products

Sales of our memory products accounted for approximately 13.1% of our total net sales for the three-month period ended September 30, 2011 and approximately 13.4% of our total net sales in the six-month period ended September 30, 2011 compared to approximately 16.2% of our total net sales for the three-month period ended September 30, 2010 and approximately 15.8% of our total net sales in the six-month period ended September 30, 2010.

Net sales of our memory products decreased approximately 27.8% in the three-month period ended September 30, 2011 and approximately 18.0% in the six-month period ended September 30, 2011 compared to the three and six-month periods ended September 30, 2010. These sales decrease were driven primarily by adverse customer demand conditions within the Serial EEPROM and Flash memory markets and general economic and semiconductor industry conditions.

Memory product pricing has historically been cyclical in nature, with steep price declines followed by periods of relative price stability, driven by changes in industry capacity at different stages of the business cycle. We have experienced, and expect to continue to experience, varying degrees of competitive pricing pressures in our memory products. We may be unable to maintain the average selling prices of our memory products as a result of increased pricing pressure in the future, which could adversely affect our operating results.

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Analog and Interface Products

Sales of our analog and interface products accounted for approximately 12.4% of our total net sales for the three-month period ended September 30, 2011 and approximately 11.9% of our total net sales for the six-month period ended September 30, 2011 compared to approximately 12.1% of our total net sales for the three-month period ended September 30, 2010 and approximately 11.9% of our total net sales for the six-month period ended September 30, 2010.

Net sales of our analog and interface products decreased approximately 8.9% in the three-month period ended September 30, 2011 and approximately 3.5% in the six-month period ended September 30, 2011 compared to the three and six-month periods ended September 30, 2010. These sales decreases were driven primarily by general economic and semiconductor industry conditions which offset market share gains achieved within the analog and interface market.

Analog and interface products can be proprietary or non-proprietary in nature. Currently, we consider more than 70% of our analog and interface product mix to be proprietary in nature, where prices are relatively stable, similar to the pricing stability experienced in our microcontroller products. The non-proprietary portion of our analog and interface business will experience price fluctuations driven primarily by the current supply and demand for those products. We may be unable to maintain the average selling prices of our analog and interface products as a result of increased pricing pressure in the future, which would adversely affect our operating results. We anticipate the proprietary portion of our analog and interface products will continue to increase over time.

Technology Licensing

Technology licensing revenue includes a combination of royalties associated with technology licensed for the use of our SuperFlash technology and fees for engineering services. Technology licensing accounted for approximately 6.5% of our total net sales for the three-month period ended September 30, 2011 and approximately 6.0% of our total net sales for the six-month period ended September 30, 2011 compared to approximately 4.5% of our total net sales for the three-month period ended September 30, 2010 and approximately 4.4% of our total net sales for the six-month period ended September 30, 2010.

Net sales related to our technology licensing increased approximately 27.3% in the three-month period ended September 30, 2011 and approximately 30.7% in the six-month period ended September 30, 2011 compared to the three and six-month periods ended September 30, 2010. These sales increases were driven primarily by market share gains.

Revenue from technology licensing can fluctuate over time due to semiconductor industry and general economic conditions.

Other

Revenue from assembly and test subcontracting services performed during the three-month period ended September 30, 2011 accounted for approximately 1.4% of our total net sales. During the six-month period ended September 30, 2011, revenue from assembly and test subcontracting services accounted for approximately 1.2% of our total net sales. Our assembly and test subcontracting services revenue are a result of our acquisition of Millennium Microtech Thailand (MMT) in the fourth quarter of fiscal 2011.

Distribution

Distributors accounted for approximately 59% of our net sales in the three-month period ended September 30, 2011 and approximately 58% of our net sales in the three-month period ended September 30, 2010. Distributors accounted for approximately 59% of our net sales in the six-month period ended September 30, 2011 and approximately 56% of our net sales in the six-month period ended September 30, 2010. Our distributors focus primarily on servicing the product requirements of a broad base of diverse customers. We believe that distributors provide an effective means of reaching this broad and diverse customer base. We believe that customers recognize Microchip for its products and brand name and use distributors as an effective supply channel.

Our largest distributor accounted for approximately 10% of our net sales in each of the three and six-month periods ended September 30, 2011 compared to approximately 10% of our net sales in the three-month period ended September 30, 2010 and approximately 11% of our net sales in the six-month period ended September 30, 2010.

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Generally, we do not have long-term agreements with our distributors and we, or our distributors, may terminate our relationships with each other with little or no advanced notice. The loss of, or the disruption in the operations of, one or more of our distributors could reduce our future net sales in a given quarter and could result in an increase in inventory returns.

At September 30, 2011, our distributors maintained 46 days of inventory of our products compared to 40 days of inventory at March 31, 2011. Over the past three fiscal years, the days of inventory maintained by our distributors have fluctuated between 34 days and 46 days. We do not believe that inventory holding patterns at our distributors will materially impact our net sales, due to the fact that we recognize revenue based on sell-through for all our distributors.

Sales by Geography

Sales by geography for the three and six-month periods ended September 30, 2011 and 2010 were as follows (dollars in thousands):

	Three Months Ended September 30, (unaudited)				Six Months Ended September 30, (unaudited)			
	2011	%	2010	%	2011	%	2010	%
Americas	\$71,695	21.1	\$79,534	20.8	\$150,801	21.1	\$154,249	20.9
Europe	81,815	24.0	81,401	21.3	171,214	23.9	159,057	21.5
Asia	187,092	54.9	221,336	57.9	393,094	55.0	426,090	57.6
Total sales	\$340,602	100.0 %	\$382,271	100.0 %	\$715,109	100.0 %	\$739,396	100.0 %

Our sales to foreign customers have been predominately in Asia and Europe, which we attribute to the manufacturing strength in those areas for automotive, communications, computing, consumer and industrial control products. Americas sales include sales to customers in the U.S., Canada, Central America and South America.

Sales to foreign customers accounted for approximately 82% of our net sales in each of the three and six-month periods ended September 30, 2011. Sales to foreign customers accounted for approximately 81% of our net sales in the three-month period ended September 30, 2010 and approximately 80% of our net sales in the six-month period ended September 30, 2010. Substantially all of our foreign sales are U.S. Dollar denominated. Sales to customers in Asia have generally increased over time due to many of our customers transitioning their manufacturing operations to Asia and growth in demand from the emerging Asian market. Our sales force in the Americas and Europe supports a significant portion of the design activity for products which are ultimately shipped to Asia.

Gross Profit

Our gross profit was \$195.0 million in the three months ended September 30, 2011 and \$225.0 million in the three months ended September 30, 2010. Our gross profit was \$414.7 million in the six months ended September 30, 2011 and \$432.4 million in the six months ended September 30, 2010. Gross profit as a percent of sales was 57.3% in the three months ended September 30, 2011 and 58.9% in the three months ended September 30, 2010. Gross profit as a percentage of sales was 58.0% in the six months ended September 30, 2011 and 58.5% in the six months ended September 30, 2010.

The most significant factors affecting our gross profit percentage in the periods covered by this Form 10-Q were:

fluctuations in the capacity utilization of our manufacturing facilities;
• for the three and six months ended September 30, 2011, inventory write-downs being higher than the gross margin impact of sales of inventory that was previously written down;
• for the three and six months ended September 30, 2010, inventory write-downs being lower than the gross margin impact of sales of inventory that was previously written down; and
fluctuations in our product mix of microcontrollers, analog products, memory products and technology licensing.

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Other factors that impacted our gross profit percentage in the periods covered by this Form 10-Q include:

- continual cost reductions in wafer fabrication and assembly and test manufacturing, such as new manufacturing technologies and more efficient manufacturing techniques; and
- lower depreciation as a percentage of cost of sales.

We adjust our wafer fabrication and assembly and test capacity utilization as required to respond to actual and anticipated business and industry-related conditions. Our wafer fabrication facilities operated at or above normal capacity levels, which we typically consider to be 90% to 95% of the actual capacity of our installed equipment, during each of the three and six-month periods ended September 30, 2011 and 2010. During each of the three and six-month periods ended September 30, 2011 and 2010, we operated at normal capacity levels at our Thailand facility. During the third quarter of fiscal 2012, we reduced wafer starts in our wafer fabrication facilities as well as lowered output from our Thailand facility to control inventory balances in response to a slowdown in global economic conditions. These recent actions will likely have a negative impact on our gross margins.

The process technologies utilized in our wafer fabs impact our gross margins. Fab 2 currently utilizes various manufacturing process technologies, but predominantly utilizes our 0.5 to 1.0 micron processes. Fab 4 predominantly utilizes our 0.22 to 0.5 micron processes. We continue to transition products to more advanced process technologies to reduce future manufacturing costs. All of our production has been on 8-inch wafers during the periods covered by this Form 10-Q.

Our overall inventory levels were \$211.2 million at September 30, 2011, compared to \$180.8 million at March 31, 2011. We maintained 132 days of inventory on our balance sheet at September 30, 2011 compared to 107 days of inventory at March 31, 2011. We expect to grow our inventory levels in the December 2011 quarter, which we believe will allow us to maintain competitive lead times and provide strong delivery performance to our customers and allow us to keep our fiscal 2012 and 2013 capital expenditures at low levels.

We anticipate that our gross margins will fluctuate over time, driven primarily by capacity utilization levels, the overall mix of microcontroller products, analog and interface products, memory products and technology licensing revenue and the percentage of net sales of each of these products in a particular quarter, as well as manufacturing yields, fixed cost absorption, and competitive and economic conditions in the markets we serve.

At September 30, 2011, approximately 67% of our assembly requirements were performed in our Thailand facility compared to approximately 57% of our assembly requirements at September 30, 2010. The percentage of our assembly work that is performed internally fluctuates over time based on supply and demand conditions in the semiconductor industry and our internal capacity capabilities. Third-party contractors located in Asia perform the balance of our assembly operations. At September 30, 2011, approximately 92% of our test requirements were performed in our Thailand facility compared to approximately 87% of our test requirements being performed in our Thailand facility at September 30, 2010. We believe that the assembly and test operations performed at our Thailand facility provide us with significant cost savings when compared to contractor assembly and test costs, as well as increased control over these portions of the manufacturing process.

We rely on outside wafer foundries for a portion of our wafer fabrication requirements. As a result of our acquisition of SST in the first quarter of fiscal 2011, we have become more reliant on outside foundries for our wafer fabrication requirements. In the six months ended September 30, 2011, approximately 20% of our total net sales related to wafers that were purchased from outside foundries.

Our use of third parties involves some reduction in our level of control over the portions of our business that we subcontract. While we review the quality, delivery and cost performance of our third-party contractors, our future operating results could suffer if any third-party contractor is unable to maintain manufacturing yields, assembly and test yields and costs at approximately their current levels.

Research and Development (R&D)

R&D expenses for the three months ended September 30, 2011 were \$45.4 million, or 13.3% of net sales, compared to \$43.7 million, or 11.5% of net sales, for the three months ended September 30, 2010. R&D expenses for the six months ended September 30, 2011 were \$90.7 million, or 12.7% of net sales, compared to \$84.3 million, or 11.4% of net sales, for the six months ended September 30, 2010. We are committed to investing in new and enhanced products, including development systems software, and in our design and manufacturing process technologies. We believe these investments are significant factors in maintaining our competitive position. R&D costs are expensed as incurred. Assets purchased to support our ongoing

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research and development activities are capitalized when related to products which have achieved technological feasibility or that have alternative future uses and are amortized over their expected useful lives. R&D expenses include labor, depreciation, masks, prototype wafers, and expenses for the development of process technologies, new packages, and software to support new products and design environments.

R&D expenses increased \$1.7 million, or 3.8%, for the three months ended September 30, 2011 over the same period last year. R&D expenses increased \$6.4 million or 7.6% for the six months ended September 30, 2011 over the same period last year. The primary reason for the dollar increase in R&D costs over these periods were higher headcount costs, offset by reductions in bonus costs and other discretionary spending.

Selling, General and Administrative

Selling, general and administrative expenses for the three months ended September 30, 2011 were \$52.0 million, or 15.3% of net sales, compared to \$57.6 million, or 15.1% of net sales, for the three months ended September 30, 2010. Selling, general and administrative expenses for the six months ended September 30, 2011 were \$109.6 million, or 15.3% of net sales, compared to \$114.8 million, or 15.5% of net sales, for the six months ended September 30, 2010. Selling, general and administrative expenses include salary and other expenses related to field sales, marketing and administrative personnel, advertising and promotional expenditures and legal expenses. Selling, general and administrative expenses also include costs related to our direct sales force and field applications engineers who work in sales offices worldwide to stimulate demand by assisting customers in the selection and use of our products.

Selling, general and administrative expenses decreased \$5.6 million, or 9.7%, for the three months ended September 30, 2011 over the same period last year. Selling, general and administrative expenses decreased \$5.2 million, or 4.5%, for the six months ended September 30, 2011 over the same period last year. The primary reason for the dollar decreases in selling, general and administrative costs over these periods were reductions in bonus costs and other discretionary spending which offset additional headcount costs.

Special Charges

During the three and six months ended September 30, 2010, we incurred \$0.6 million and \$1.0 million, respectively, of severance-related and office closure costs associated with our acquisition of SST. There were no such charges in the three or six months ended September 30, 2011.

Other Income (Expense)

Interest income in the three months ended September 30, 2011 decreased to \$4.0 million from \$4.1 million in the three months ended September 30, 2010. Interest income in the six months ended September 30, 2011 decreased to \$8.0 million from \$8.4 million in the six months ended September 30, 2010. The decreases in interest income in these periods was due primarily to lower interest rates applying to our short-term investments. Interest expense related to our 2.125% junior subordinated convertible debentures in the three and six months ended September 30, 2011 was \$8.4 million and \$16.4 million, respectively, compared to \$8.0 million and \$15.8 million, respectively, in the three and six months ended September 30, 2010. Other expense, net in the three and six months ended September 30, 2011 was \$2.5 million and \$1.4 million, respectively, compared to other income, net of \$1.9 million and \$1.4 million, respectively, in the three and six months ended September 30, 2010. The increases in other expense, net in the three and six months ended September 30, 2011 over the corresponding periods of the previous fiscal year resulted primarily from \$0.9 million and \$0.2 million, respectively, of net realized losses on foreign currency derivatives in the three and six months ended September 30, 2011 compared to \$0.6 million and \$0.2, respectively, of net realized gains on

foreign currency derivatives in the three and six months ended September 30, 2010. Also included in the other expense, net in the three and six months ended September 30, 2011 were \$1.9 million of losses related to our publicly traded securities as further discussed in Note 6 of the notes to condensed consolidated financial statements.

Provision for Income Taxes

Our provision for income taxes reflects tax on foreign earnings and federal and state tax on U.S. earnings. We had an effective tax rate from continuing operations of 12.2% for the three-month period ended September 30, 2011 and 13.4% for the three-month period ended September 30, 2010. We had an effective tax rate from continuing operations of 12.5% for the six-month period ended September 30, 2011 and 13.1% for the six-month period ended September 30, 2010. Our effective tax rate is lower than statutory rates in the U.S. due primarily to our mix of earnings in foreign jurisdictions with lower tax rates.

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Various taxing authorities in the U.S. and other countries in which we do business are increasing their scrutiny of the tax structures employed by businesses. Companies of our size and complexity are regularly audited by the taxing authorities in the jurisdictions in which they conduct significant operations. For U.S. federal, and in general for U.S. state tax returns, our fiscal 2009, 2010 and 2011 tax returns remain open for examination by the authorities. We are currently under audit by the I.R.S. for our fiscal years ended March 31, 2009 and 2010. We recognize liabilities for anticipated tax audit issues in the U.S. and other tax jurisdictions based on our estimate of whether, and the extent to which, additional tax payments are probable. We believe that we maintain adequate tax reserves to offset any potential tax liabilities that may arise upon these and other pending audits in the U.S. and other countries in which we do business. If such amounts ultimately prove to be unnecessary, the resulting reversal of such reserves would result in tax benefits being recorded in the period the reserves are no longer deemed necessary. If such amounts ultimately prove to be less than any final assessment, a future charge to expense would be recorded in the period in which the assessment is determined.

Our Thailand manufacturing operations currently benefit from numerous tax holidays that have been granted to us by the Thailand government based on our investments in property, plant and equipment in Thailand. Our tax holiday periods in Thailand expire at various times in the future. Any expiration of our tax holidays are expected to have a minimal impact on our overall tax expense due to other tax holidays and an increase in income in other taxing jurisdictions with lower statutory rates.

Liquidity and Capital Resources

We had \$1,775.4 million in cash, cash equivalents and short-term and long-term investments at September 30, 2011, an increase of \$67.1 million from the March 31, 2011 balance. The increase in cash, cash equivalents and short-term and long-term investments over this time period is primarily attributable to cash generated from operating activities being offset by dividend payments of \$132.1 million.

Net cash provided from operating activities was \$238.1 million for the six-month period ended September 30, 2011 compared to \$291.4 million for the six-month period ended September 30, 2010. The decrease in cash flow from operations in the six-month period ended September 30, 2011 compared to the six-month period ended September 30, 2010 was primarily due to changes in our operating assets and liabilities and lower net income during the six-month period ended September 30, 2011.

During the six months ended September 30, 2011, net cash used in investing activities was \$160.8 million compared to net cash used in investing activities of \$254.8 million for the six months ended September 30, 2010. The decrease in net cash used in investing activities was due primarily to our purchase of SST during the six months ended September 30, 2010.

Our level of capital expenditures varies from time to time as a result of actual and anticipated business conditions. Capital expenditures in the six months ended September 30, 2011 were \$52.4 million compared to \$65.9 million for the six months ended September 30, 2010. Capital expenditures are primarily for the expansion of production capacity and the addition of research and development equipment. We currently intend to spend approximately \$50 million during the next twelve months to invest in equipment and facilities to maintain, and selectively increase, capacity to meet our currently anticipated needs.

We expect to finance capital expenditures through our existing cash balances and cash flows from operations. We believe that the capital expenditures anticipated to be incurred over the next twelve months will provide sufficient manufacturing capacity to meet our currently anticipated needs.

Net cash used in financing activities was \$106.0 million for the six months ended September 30, 2011 compared to net cash used in financing activities of \$105.1 million for the six months ended September 30, 2010. Proceeds from the exercise of stock options and employee purchases under our employee stock purchase plans were \$25.7 million for the six months ended September 30, 2011 and \$22.3 million for the six months ended September 30, 2010. We paid cash dividends to our stockholders of \$132.1 million in the six months ended September 30, 2011 and \$127.4 million in the six months ended September 30, 2010.

On August 12, 2011, we entered into a credit agreement with certain lenders. The credit agreement provides for a \$750 million revolving credit facility, with a \$100 million foreign currency sublimit, a \$25 million letter of credit sublimit and a \$15 million swingline loan sublimit, terminating on August 12, 2016. The credit agreement also contains an increase option permitting us, subject to certain requirements, to arrange with existing lenders and/or new lenders for them to provide up to an aggregate of \$250 million in additional commitments, which may be for revolving loans or term loans. Proceeds of loans made under the credit agreement may be used for working capital and general corporate purposes. No loans were made nor letters of

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credit issued under the credit agreement at closing, and no amounts were outstanding and no letters of credit were issued at September 30, 2011. See Note 15 of the notes to condensed consolidated financial statements for more information regarding the credit agreement.

We enter into derivative transactions from time to time in an attempt to reduce our exposure to currency rate fluctuations. Although none of the countries in which we conduct significant foreign operations has had a highly inflationary economy in the last five years, there is no assurance that inflation rates or fluctuations in foreign currency rates in countries where we conduct operations will not adversely affect our operating results in the future. At September 30, 2011, we had no foreign currency forward contracts outstanding.

On December 11, 2007, we announced that our Board of Directors had authorized the repurchase of up to an additional 10.0 million shares of our common stock in the open market or in privately negotiated transactions. As of September 30, 2011, we had repurchased 7.5 million shares under this 10.0 million share authorization for a total of \$234.7 million. There is no expiration date associated with this program. The timing and amount of future repurchases will depend upon market conditions, interest rates, and corporate considerations.

As of September 30, 2011, we held approximately 27.7 million shares as treasury shares.

On October 28, 2002, we announced that our Board of Directors had approved and instituted a quarterly cash dividend on our common stock. A quarterly dividend of \$0.347 per share was paid on September 1, 2011 in the aggregate amount of \$66.2 million. A quarterly dividend of \$0.348 per share was declared on November 3, 2011 and will be paid on December 5, 2011 to stockholders of record as of November 21, 2011. We expect the aggregate December cash dividend to be approximately \$66.7 million. Our Board is free to change our dividend practices at any time and to increase or decrease the dividend paid, or not to pay a dividend on our common stock on the basis of our results of operations, financial condition, cash requirements and future prospects, and other factors deemed relevant by our Board. Our current intent is to provide for ongoing quarterly cash dividends depending upon market conditions and our results of operations.

We believe that our existing sources of liquidity combined with cash generated from operations will be sufficient to meet our currently anticipated cash requirements for at least the next 12 months. However, the semiconductor industry is capital intensive. In order to remain competitive, we must constantly evaluate the need to make significant investments in capital equipment for both production and research and development. We may borrow under our Credit Agreement or seek additional equity or debt financing from time to time to maintain or expand our wafer fabrication and product assembly and test facilities, or for acquisitions or other purposes. The timing and amount of any such financing requirements will depend on a number of factors, including demand for our products, changes in industry conditions, product mix, competitive factors and our ability to identify suitable acquisition candidates. There can be no assurance that such financing will be available on acceptable terms, and any additional equity financing would result in incremental ownership dilution to our existing stockholders.

Contractual Obligations

There have not been any material changes in our contractual obligations from what we disclosed in our Annual Report on Form 10-K for the fiscal year ended March 31, 2011.

Off-Balance Sheet Arrangements

As of September 30, 2011, we are not involved in any off-balance sheet arrangements, as defined in Item 303(a)(4)(ii) of SEC Regulation S-K.

Recently Issued Accounting Pronouncements

Goodwill. In September 2011, the FASB issued an amendment to the existing guidance on the annual testing of goodwill for impairment. The amended guidance allows companies to assess qualitative factors to determine if it is more-likely-than-not that goodwill might be impaired and whether it is necessary to perform the two-step goodwill impairment test required under current accounting standards. This guidance is effective for annual and interim periods beginning after December 15, 2011, with early adoption permitted. The adoption of this amendment is not anticipated to have a material impact on our condensed consolidated financial statements and related disclosures.

Comprehensive Income. In June 2011, the FASB issued an amendment to the existing guidance on the presentation of comprehensive income. Under the amended guidance, entities have the option to present the components of net income and other comprehensive income in either a single continuous statement of comprehensive income or in two separate but

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consecutive statements. Entities no longer have the option of presenting the components of other comprehensive income within the statement of changes in stockholders' equity. This amendment is effective on a retrospective basis for fiscal years, and interim periods within those years, beginning after December 15, 2011, which for us is the first quarter in fiscal 2013. The adoption of this amendment will result in a change to the current presentation of comprehensive income, but will not have any impact on our condensed consolidated financial statements and related disclosures.

Fair Value Measurement. In May 2011, the FASB issued amendments to the existing guidance on fair value measurement. The amendments are intended to create consistency between U.S. generally accepted accounting standards and International Financial Reporting Standards on measuring fair value and disclosing information about fair value measurements. The amendments clarify the application of existing fair value measurement requirements including (i) the application of the highest and best use valuation premise concepts, (ii) measuring the fair value of an instrument classified in a reporting entity's stockholders' equity, and (iii) quantitative information required for fair value measurements categorized within Level 3. In addition, the amendments require additional disclosure for Level 3 measurements regarding the sensitivity of fair value to changes in unobservable inputs and any interrelationships between those inputs. These amendments are effective for interim and annual periods beginning after December 15, 2011, which for us is our fiscal year 2013. These changes are required to be applied prospectively. We do not anticipate that the adoption of these amendments will have a material impact on our condensed consolidated financial statements and related disclosures.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Our investments are intended to establish a high-quality portfolio that preserves principal, meets liquidity needs, avoids inappropriate concentrations, and delivers an appropriate yield in relationship to our investment guidelines and market conditions. Our investment portfolio, consisting of fixed income securities, money market funds, cash deposits, and marketable securities that we hold on an available-for-sale basis, was \$1,775.4 million as of September 30, 2011 compared to \$1,708.3 million as of March 31, 2011. Our available-for-sale debt securities, like all fixed income instruments, are subject to interest rate risk and will decline in value if market interest rates increase. We have the ability to hold our fixed income investments until maturity and, therefore, we would not expect to recognize any material adverse impact in income or cash flows if market interest rates increase.

At September 30, 2011, \$11.7 million of the fair value of our investment portfolio was invested in ARS. Historically, the carrying value of ARS approximated fair value due to the frequent resetting of the interest rates. With the continuing liquidity issues experienced in the global credit and capital markets, our ARS have experienced multiple failed auctions and are not liquid. While we continue to earn interest on these investments based on a pre-determined formula with spreads tied to particular interest rate indices, the estimated market value for a portion of these ARS no longer approximates the original purchase value. The fair value of the failed ARS of \$11.7 million has been estimated based on market information and estimates determined by management and could change significantly based on market conditions. We evaluated the impairments in the value of these ARS, determining our intent to sell these securities prior to the recovery of our amortized cost basis resulted in the securities being other-than-temporarily impaired and recognized impairment charges on these investments of \$0.4 million in the three months ended September 30, 2011. If the issuers are unable to successfully close future auctions or if their credit ratings deteriorate further, we may be required to further adjust the carrying value of the investments through an additional impairment charge to earnings. We believe that, based on our current unrestricted cash, cash equivalents and short-term investment balances, the current lack of liquidity in the markets for ARS will not have a material impact on our liquidity, cash flow or ability to fund our operations.

Investments in Marketable Equity Investments

Our available-for-sale marketable equity investments at September 30, 2011 consist of shares of public company common stock, the value of which is determined by the closing price of such shares on the respective markets on which the shares are traded as of the balance sheet date. These investments are classified as marketable securities and accounted for under the provisions of ASC 320 Investments -- Debt and Equity Securities. The market value of these investments was approximately \$8.1 million at September 30, 2011 compared to our cost basis of approximately \$9.1 million. The value of our investments in these securities would be materially impacted if there was a significant change in the market price of the shares. A hypothetical 30% favorable or unfavorable change in the stock prices compared to the stock prices at September 30, 2011 would have affected the value of our investments in marketable equity securities by approximately \$2.4 million. See Note 6 to our condensed consolidated financial statements for additional information about our investments in these marketable securities.

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Investments in Non-Marketable Equity Investments

We have non-marketable equity investments in several companies, including those we acquired as a result of our acquisition of SST. These companies range from early-stage companies to more mature companies with established revenue and business models. These companies are dependent upon the successful execution of their product and technology development, acceptance of their products and technology in the markets they serve, and financial and operational efficiency. If any of these private companies are unsuccessful in these and other related initiatives, or if there are factors beyond their control in the markets which they serve, their performance could be materially adversely affected resulting in a loss of some or all of their value, which would in turn require us to determine if an other-than-temporary impairment to fair value exists in any of our private equity or debt investments. If an other-than-temporary impairment of fair value exists, we will need to write down the investment to its fair value and recognize the related impairment charge to our income statement. Our non-marketable equity investments, excluding those accounted for under the equity method, had a carrying amount of \$5.6 million as of September 30, 2011. As of September 30, 2011, the carrying amount of our non-marketable equity method investments was \$2.2 million.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

As of the end of the period covered by this Quarterly Report on Form 10-Q, as required by paragraph (b) of Rule 13a-15 or Rule 15d-15 under the Securities Exchange Act of 1934, as amended, we evaluated under the supervision of our Chief Executive Officer and our Chief Financial Officer, the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(e) or 15d-15(e) of the Securities Exchange Act of 1934, as amended). Based on this evaluation, our Chief Executive Officer and our Chief Financial Officer have concluded that our disclosure controls and procedures are effective to ensure that information we are required to disclose in reports that we file or submit under the Securities Exchange Act of 1934 (i) is recorded, processed, summarized and reported within the time periods specified in Securities and Exchange Commission rules and forms, and (ii) is accumulated and communicated to our management, including our Chief Executive Officer and our Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure. Our disclosure control and procedures are designed to provide reasonable assurance that such information is accumulated and communicated to our management. Our disclosure controls and procedures include components of our internal control over financial reporting. Management's assessment of the effectiveness of our internal control over financial reporting is expressed at the level of reasonable assurance because a control system, no matter how well designed and operated, can provide only reasonable, but not absolute, assurance that the control system's objectives will be met.

Changes in Internal Control over Financial Reporting

During the three months ended September 30, 2011, there was no change in our internal control over financial reporting identified in connection with the evaluation required by paragraph (d) of Rule 13a-15 or Rule 15d-15 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

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Part II. OTHER INFORMATION

Item 1. Legal Proceedings

In the ordinary course of our business, we are involved in a limited number of legal actions, both as plaintiff and defendant, and could incur uninsured liability in any one or more of them. We also periodically receive notifications from various third parties alleging infringement of patents, intellectual property rights or other matters. With respect to pending legal actions to which we are a party, although the outcomes of these actions are not generally determinable, we believe that the ultimate resolution of these matters will not have a material adverse effect on our financial position, cash flows or results of operations. Litigation relating to the semiconductor industry is not uncommon, and we are, and from time to time have been, subject to such litigation. No assurances can be given with respect to the extent or outcome of any such litigation in the future.

Item 1A. Risk Factors

When evaluating Microchip and its business, you should give careful consideration to the factors listed below, in addition to the information provided elsewhere in this Form 10-Q and in other documents that we file with the Securities and Exchange Commission.

Our operating results may be impacted by global economic conditions and may fluctuate in the future due to a number of factors that could reduce our net sales and profitability.

Our operating results are affected by a wide variety of factors that could reduce our net sales and profitability, many of which are beyond our control. Some of the factors that may affect our operating results include:

- general economic, industry or political conditions in the U.S. or internationally;
- disruptions in our business or our customers' businesses due to terrorist activity, armed conflict, war, worldwide oil prices and supply, public health concerns, natural disasters or disruptions in the transportation system;
- changes in demand or market acceptance of our products and products of our customers;
- the mix of inventory we hold and our ability to satisfy orders from our inventory;
- levels of inventories at our customers;
- risk of excess and obsolete inventories;
- changes in utilization of our manufacturing capacity and fluctuations in manufacturing yields;
- our ability to secure sufficient wafer foundry, assembly and testing capacity;
- availability of raw materials and equipment;
- competitive developments including pricing pressures;
- unauthorized copying of our products resulting in pricing pressure and loss of sales;
- the level of orders that are received and can be shipped in a quarter;
- the level of sell-through of our products through distribution;
- fluctuations in the mix of products;
- changes or fluctuations in customer order patterns and seasonality;
- constrained availability from other electronic suppliers impacting our customers' ability to ship their products, which in turn may adversely impact our sales to those customers;
- costs and outcomes of any current or future tax audits or any litigation involving intellectual property, customers or other issues;
- changes in tax regulations and policies in the U.S. and other countries in which we do business;
- fluctuations in commodity prices; and

property damage or other losses, whether or not covered by insurance.

We believe that period-to-period comparisons of our operating results are not necessarily meaningful and that you should not rely upon any such comparisons as indications of future performance. In future periods, our operating results may fall below our public guidance or the expectations of public market analysts and investors, which would likely have a negative effect on the price of our common stock. Adverse global economic conditions, the subsequent economic recovery and recent economic uncertainty have caused our operating results to fluctuate significantly and make comparability between periods less meaningful.

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Our operating results will suffer if we ineffectively utilize our manufacturing capacity or fail to maintain manufacturing yields.

The manufacture and assembly of integrated circuits, particularly non-volatile, erasable CMOS memory and logic devices such as those that we produce, are complex processes. These processes are sensitive to a wide variety of factors, including the level of contaminants in the manufacturing environment, impurities in the materials used, the performance of our wafer fabrication personnel and equipment, and other quality issues. As is typical in the semiconductor industry, we have from time to time experienced lower than anticipated manufacturing yields. Our operating results will suffer if we are unable to maintain yields at approximately the current levels. This could include delays in the recognition of revenue, loss of revenue or future orders, and customer-imposed penalties for failure to meet contractual shipment deadlines. Our operating results are also adversely affected when we operate at less than optimal capacity. During the third and fourth quarters of fiscal 2009, we reduced wafer starts in both Fab 2 and Fab 4, implemented rotating unpaid time off and had multiple planned shutdowns in our Thailand facility to help control inventory levels in response to adverse economic conditions. This lower capacity utilization resulted in certain costs being charged directly to expense and lower gross margins. From the March 2010 quarter through the September 2011 quarter, we were running at more optimal levels of capacity utilization. However, in the third quarter of fiscal 2012, we have reduced wafer starts to control inventory balances in response to a slowdown in global economic conditions. These recent actions will have a negative impact on our gross margins.

We are dependent on orders that are received and shipped in the same quarter and are therefore limited in our visibility of future product shipments.

Our net sales in any given quarter depend upon a combination of shipments from backlog and orders received in that quarter for shipment in that quarter, which we refer to as turns orders. We measure turns orders at the beginning of a quarter based on the orders needed to meet the shipment targets that we set entering the quarter. Historically, we have relied on our ability to respond quickly to customer orders as part of our competitive strategy, resulting in customers placing orders with relatively short delivery schedules. Shorter lead times generally mean that turns orders as a percentage of our business are relatively high in any particular quarter and reduce our backlog visibility on future product shipments. Turns orders correlate to overall semiconductor industry conditions and product lead times. Because turns orders are difficult to predict, varying levels of turns orders make our net sales more difficult to forecast. If we do not achieve a sufficient level of turns orders in a particular quarter relative to our revenue targets, our revenue and operating results may suffer.

Intense competition in the markets we serve may lead to pricing pressures, reduced sales of our products or reduced market share.

The semiconductor industry is intensely competitive and has been characterized by price erosion and rapid technological change. We compete with major domestic and international semiconductor companies, many of which have greater market recognition and substantially greater financial, technical, marketing, distribution and other resources than we do. We may be unable to compete successfully in the future, which could harm our business. Our ability to compete successfully depends on a number of factors both within and outside our control, including, but not limited to:

- the quality, performance, reliability, features, ease of use, pricing and diversity of our products;
- our success in designing and manufacturing new products including those implementing new technologies;
- the rate at which customers incorporate our products into their own applications;
- product introductions by our competitors;
- the number, nature and success of our competitors in a given market;

- our ability to obtain adequate supplies of raw materials and other supplies at acceptable prices;
- our ability to protect our products and processes by effective utilization of intellectual property rights;
- our ability to remain price competitive against companies that have copied our proprietary product lines, especially in countries where intellectual property rights protection is difficult to achieve and maintain;
- our ability to address the needs of our customers; and
- general market and economic conditions.

Historically, average selling prices in the semiconductor industry decrease over the life of any particular product. The overall average selling prices of our microcontroller and proprietary analog and interface products have remained relatively constant, while average selling prices of our Serial EEPROM and non-proprietary analog and interface products have declined over time.

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We have experienced, and expect to continue to experience, modest pricing declines in certain of our more mature proprietary product lines, primarily due to competitive conditions. We have been able to moderate average selling price declines in many of our proprietary product lines by continuing to introduce new products with more features and higher prices. However, there can be no assurance that we will be able to do so in the future. We have experienced in the past, and expect to continue to experience in the future, varying degrees of competitive pricing pressures in our Serial EEPROM and non-proprietary analog products. We may be unable to maintain average selling prices for our products as a result of increased pricing pressure in the future, which could adversely impact our operating results.

Our business is dependent on selling through distributors.

Sales through distributors accounted for approximately 58% of our net sales in fiscal 2011 and approximately 59% of our net sales in the first six months of fiscal 2012. Our largest distributor accounted for approximately 10% of our net sales in each of fiscal 2011 and in the first six months of fiscal 2012. We do not have long-term agreements with our distributors and we and our distributors may each terminate our relationship with little or no advance notice.

Any future adverse conditions in the U.S. and global economies or in the U.S. and global credit markets could materially impact the operations of our distributors. Any deterioration in the financial condition of our distributors or any disruption in the operations of our distributors could adversely impact the flow of our products to our end customers and adversely impact our results of operation. In addition, during an industry or economic downturn, it is possible there will be an oversupply of products and a decrease in sell-through of our products by our distributors which could reduce our net sales in a given period and result in an increase in inventory returns.

Our success depends on our ability to introduce new products on a timely basis.

Our future operating results will depend on our ability to develop and introduce new products on a timely basis that can compete effectively on the basis of price and performance and which address customer requirements. The success of our new product introductions depends on various factors, including, but not limited to:

- proper new product selection;
- timely completion and introduction of new product designs;
- timely filing of intellectual property rights for new product designs;
- availability of development and support tools and collateral literature that make complex new products easy for engineers to understand and use; and
- market acceptance of our customers' end products.

Because our products are complex, we have experienced delays from time to time in completing development of new products. In addition, our new products may not receive or maintain substantial market acceptance. We may be unable to design, develop and introduce competitive products on a timely basis, which could adversely impact our future operating results.

Our success also depends upon our ability to develop and implement new design and process technologies. Semiconductor design and process technologies are subject to rapid technological change and require significant R&D expenditures. We and other companies in the industry have, from time to time, experienced difficulties in effecting transitions to advanced process technologies and, consequently, have suffered reduced manufacturing yields or delays in product deliveries. Our future operating results could be adversely affected if any transition to future process technologies is substantially delayed or inefficiently implemented.

Our technology licensing business exposes us to various risks.

In connection with our acquisition of SST in April 2010, we acquired SST's intellectual property licensing business which is based on its SuperFlash technology. The success of our licensing business will depend on the continued market acceptance of this technology and on our ability to further develop and enhance such technology and to introduce new technologies in the future. To be successful, any such technology must be able to be repeatably implemented by licensees, provide satisfactory yield rates, address licensee and customer requirements, and perform competitively. The success of our technology licensing business depends on various other factors, including, but not limited to:

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proper identification of licensee requirements;
timely development and introduction of new or enhanced technology;
our ability to protect our intellectual property rights for our licensed technology;
availability of sufficient development and support services to assist licensees in their design and manufacture of products integrating our technology;
availability of foundry licensees with sufficient capacity to support OEM production; and
market acceptance of our customers' end products.

Because our SuperFlash technology is complex, there may be delays from time to time in developing and enhancing such technology. There can be no assurance that our existing or any enhanced or new technology will achieve or maintain substantial market acceptance. Our licensees may experience disruptions in production or lower than expected production levels which would adversely affect the revenue that we receive from them. Our technology license agreements generally include an indemnification clause that indemnifies the licensee against liability and damages (including legal defense costs) arising from intellectual property matters. We could be exposed to substantial liability for claims or damages related to intellectual property matters or indemnification claims. Any claim, with or without merit, could result in significant legal fees and require significant attention from our management. Any of the foregoing issues may adversely impact the success of our licensing business and adversely affect our future operating results.

We must attract and retain qualified personnel to be successful, and competition for qualified personnel can be intense.

Our success depends upon the efforts and abilities of our senior management, engineering and other personnel. The competition for qualified engineering and management personnel can be intense. We may be unsuccessful in retaining our existing key personnel or in attracting and retaining additional key personnel that we require. The loss of the services of one or more of our key personnel or the inability to add key personnel could harm our business. We have no employment agreements with any member of our senior management team.

We are dependent on several contractors to perform key manufacturing functions for us, and our licensees of our SuperFlash technology also rely on foundries and other contractors.

We use several contractors located in Asia for a portion of the assembly and testing of our products. We also rely on outside wafer foundries for a portion of our wafer fabrication. Although we own the majority of our manufacturing resources, the disruption or termination of any of our contractors could harm our business and operating results.

Our use of third parties involves some reduction in our level of control over the portions of our business that we subcontract. Our future operating results could suffer if any contractor were to experience financial, operational or production difficulties or situations when demand exceeds capacity, or if they were unable to maintain manufacturing yields, assembly and test yields and costs at approximately their current levels, or if due to their locations in foreign countries they were to experience political upheaval or infrastructure disruption. Further, procurement of required products and services from third parties is done by purchase order and contracts. If these third parties are unable or unwilling to timely deliver products or services conforming to our quality standards, we may not be able to qualify additional manufacturing sources for our products in a timely manner or at all, and such arrangements, if any, may not be on favorable terms to us. In such event, we could experience an interruption in production, an increase in manufacturing and production costs or a decline in product reliability, and our business and operating results could be adversely affected.

Certain of our SuperFlash technology licensees also rely on outside wafer foundries for wafer fabrication services. If the licensees were to experience any disruption in supply from the wafer foundries, this would reduce the revenue we receive in our technology licensing business and would harm our operating results.

We may lose sales if our suppliers of raw materials and equipment fail to meet our needs.

Our semiconductor manufacturing operations require raw materials and equipment that must meet exacting standards. We generally have more than one source for these supplies, but there are only a limited number of suppliers capable of delivering various raw materials and equipment that meet our standards. The raw materials and equipment necessary for our business could become more difficult to obtain as worldwide use of semiconductors in product applications increases. We have experienced supply shortages from time to time in the past, and on occasion our suppliers have told us they need more time than expected to fill our orders or that they will no longer support certain equipment with updates or spare and replacement parts. An interruption of any raw materials or equipment sources, or the lack of supplier support for a particular piece of equipment, could harm our business.

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Our operating results may be impacted by both seasonality and the wide fluctuations of supply and demand in the semiconductor industry.

The semiconductor industry is characterized by seasonality and wide fluctuations of supply and demand. Since a significant portion of our revenue is from consumer markets and international sales, our business may be subject to seasonally lower revenues in the third and fourth quarters of our fiscal year. However, broad fluctuations in our overall business in recent periods, semiconductor industry conditions and global economic conditions have had a more significant impact on our results than seasonality, and have made it difficult to assess the impact of seasonal factors on our business. The industry has also experienced significant economic downturns, characterized by diminished product demand and production over-capacity. We have sought to reduce our exposure to this industry cyclically by selling proprietary products that cannot be easily or quickly replaced to a geographically diverse base of customers across a broad range of market segments. However, we have experienced substantial period-to-period fluctuations in operating results and expect, in the future, to experience period-to-period fluctuations in operating results due to general industry or economic conditions.

We are exposed to various risks related to legal proceedings or claims.

We are currently, and in the future may be, involved in legal proceedings or claims regarding patent infringement, intellectual property rights, contracts and other matters. As is typical in the semiconductor industry, we receive notifications from customers or licensees from time to time who believe that we owe them indemnification or other obligations related to infringement claims made against ourselves or the customers or licensees by third parties. These legal proceedings and claims, whether with or without merit, could result in substantial cost to us and divert our resources. If we are not able to resolve a claim, settle a matter, obtain necessary licenses on commercially reasonable terms, reengineer our products or processes to avoid infringement, and/or successfully prosecute or defend our position, we could incur uninsured liability in any of them, be required to take an appropriate charge to operations, be enjoined from selling a material portion of our products or using certain processes, suffer a reduction or elimination in the value of our inventories, and our business, financial condition or results of operations could be harmed.

It is also possible that from time to time we may be subject to claims related to the manufacture, performance or use of our products. These claims may be due to injuries or environmental exposures related to manufacturing, a product's nonconformance to our specifications, or specifications agreed upon with the customer, changes in our manufacturing processes, or unexpected end customer system issues due to the interaction with our products or insufficient design or testing by our customers. We could incur significant expenses related to such matters, including, but not limited to:

- costs related to writing off the value of our inventory of nonconforming products;
- recalling nonconforming products;
- providing support services, product replacements, or modifications to products and the defense of such claims;
- diversion of resources from other projects;
- lost revenue or a delay in the recognition of revenue due to cancellation of orders and unpaid receivables;
- customer imposed fines or penalties for failure to meet contractual requirements; and
- a requirement to pay damages.

Because the systems into which our products are integrated have a higher cost of goods than the products we sell, our expenses and damages may be significantly higher than the sales and profits we received from the products involved. While we specifically exclude consequential damages in our standard terms and conditions, our ability to avoid such liabilities may be limited by applicable law. We do have liability insurance which covers damages arising out of product defects, but we do not expect that insurance will cover all claims or be of a sufficient amount to fully protect

against such claims. Costs or payments we may make in connection with these customer claims may adversely affect the results of our operations.

Further, we sell to customers in industries such as automotive, aerospace, and medical, where failure of the systems in which our products are integrated could cause damage to property or persons. We may be subject to claims if our products, or interactions with our products, cause the system failures. We will face increased exposure to claims if there are substantial increases in either the volume of our sales into these applications or the frequency of system failures integrating our products.

Failure to adequately protect our intellectual property could result in lost revenue or market opportunities.

Our ability to obtain patents, licenses and other intellectual property rights covering our products and manufacturing processes is important for our success. To that end, we have acquired certain patents and patent licenses and intend to continue to seek patents on our technology and manufacturing processes. The process of seeking patent protection can be long and expensive, and patents may not be issued from currently pending or future applications. In addition, our existing and new

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patents, trademarks and copyrights that issue may not be of sufficient scope or strength to provide meaningful protection or any commercial advantage to us. We may be subject to or may ourselves initiate interference proceedings in the U.S. Patent and Trademark Office, patent offices of a foreign country or U.S. or foreign courts, which can require significant financial and management resources. In addition, the laws of certain foreign countries do not protect our intellectual property rights to the same extent as the laws of the U.S. Infringement of our intellectual property rights by a third party could result in uncompensated lost market and revenue opportunities for us. Although we continue to vigorously and aggressively defend and protect our intellectual property on a worldwide basis, there can be no assurance that we will be successful in our endeavors.

Our operating results may be adversely impacted if economic conditions impact the financial viability of our licensees, customers, distributors, or suppliers.

We regularly review the financial performance of our licensees, customers, distributors and suppliers. However, any downturn in global economic conditions may adversely impact the financial viability of our licensees, customers, distributors or suppliers. The financial failure of a large licensee, customer or distributor, an important supplier, or a group thereof, could have an adverse impact on our operating results and could result in us not being able to collect our accounts receivable balances, higher reserves for doubtful accounts, write-offs for accounts receivable, and higher operating costs as a percentage of revenues.

We do not typically have long-term contracts with our customers.

We do not typically enter into long-term contracts with our customers and we cannot be certain about future order levels from our customers. When we do enter into customer contracts, the contract is generally cancelable at the convenience of the customer. Even though we had approximately 70,000 customers and our ten largest direct customers made up approximately 8% of our total revenue for the six months ended September 30, 2011, cancellation of customer contracts could have an adverse financial impact on our revenue and profits.

Further, as the practice has become more commonplace in the industry, we have entered into contracts with certain customers that differ from our standard terms of sale. For example, under these contracts we may commit to supply specific quantities of products on scheduled delivery dates, or agree to extend our obligations for certain liabilities such as warranties or indemnification for claims of intellectual property infringement. If we agree to special supply terms and we become unable to supply the customer as required under the contract, the customer may incur additional production costs, lost revenues due to subsequent delays in their own manufacturing schedule, or quality-related issues. If we agree to special warranty or indemnification provisions, we may be liable for the customer's costs, expenses and damages associated with their claims and we may be obligated to defend the customer against claims of intellectual property infringement and pay the associated legal fees. While we try to limit the number of contracts that we sign which contain such special provisions, manage the risks underlying such liabilities and set caps on our liability exposure, such provisions do expose us to significant additional risks and could result in a material adverse impact on our results of operation and financial condition.

Business interruptions to our operations or the operations of our key vendors, subcontractors, licensees or customers, whether due to natural disasters or other events, could harm our business.

Operations at any of our facilities, at the facilities of any of our wafer fabrication or assembly and test subcontractors, or at any of our significant vendors may be disrupted for reasons beyond our control. These reasons may include work stoppages, power loss, incidents of terrorism or security risk, political instability, public health issues, telecommunications, transportation or other infrastructure failure, radioactive contamination, fire, earthquake, floods, volcanic eruptions or other natural disasters. We have taken steps to mitigate the impact of some of these events

should they occur; however, we cannot be certain that our actions will be effective to avoid a significant impact on our business in the event of a disaster or other business interruption.

In particular, Thailand has recently experienced a period of severe flooding; however, our facilities in Thailand have continued to operate normally. There can be no assurance that the current or any future flooding would not have a material adverse impact on our operations. If operations at any of our facilities, or our subcontractors' facilities are interrupted, we may not be able to shift production to other facilities on a timely basis, and we may need to spend significant amounts to repair or replace our facilities and equipment. If we experienced business interruptions, we would likely experience delays in shipments of products to our customers and alternate sources for production may be unavailable on acceptable terms. This could result in reduced revenues and profits and the cancellation of orders or loss of customers. Although we maintain business interruption insurance, such insurance will likely not be enough to compensate us for any losses that may occur and any losses or damages incurred by us as a result of business interruptions could significantly harm our business.

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Additionally, as described above, operations at our customers and licensees may be disrupted for a number of reasons. In the event of customer disruptions, sales of our products may decline and our revenue, profitability and financial condition could suffer. Likewise, if our licensees are unable to manufacture and ship products incorporating our technology, or if there is a decrease in product demand due to a business disruption, our royalty revenue may decline as our licenses are based on per unit royalties.

We are highly dependent on foreign sales and operations, which exposes us to foreign political and economic risks.

Sales to foreign customers account for a substantial portion of our net sales. During fiscal 2011, approximately 80% of our net sales were made to foreign customers. During the first six months of fiscal 2012, approximately 82% of our net sales were made to foreign customers. We purchase a substantial portion of our raw materials and equipment from foreign suppliers. In addition, we own product assembly and testing facilities located near Bangkok, Thailand, which has experienced periods of political instability in the past, and experienced some instability in Bangkok in May 2010, though the situation in 2010 did not noticeably affect the area in which our facilities are located. Thailand has recently experienced a period of severe flooding; however, our facilities have continued to operate normally. There can be no assurance that the current or any future flooding would not have a material adverse impact on our operations. We use various foreign contractors for a portion of our assembly and testing and for a portion of our wafer fabrication requirements. Substantially all of our finished goods inventory is maintained in Thailand.

Our reliance on foreign operations, foreign suppliers, maintenance of substantially all of our finished goods inventory at foreign locations and significant foreign sales exposes us to foreign political and economic risks, including, but not limited to:

- political, social and economic instability;
- public health conditions;
- trade restrictions and changes in tariffs;
- import and export license requirements and restrictions;
- difficulties in staffing and managing international operations;
- employment regulations;
- disruptions in international transport or delivery;
- difficulties in collecting receivables;
- economic uncertainty in the worldwide markets served by us; and
- potentially adverse tax consequences.

If any of these risks materialize, our sales could decrease and our operating results could suffer.

Fluctuations in foreign currency exchange rates could impact our operating results.

We use forward currency exchange contracts in an attempt to reduce the adverse earnings impact from the effect of exchange rate fluctuations on our non-U.S. dollar net balance sheet exposures. Nevertheless, in periods when the U.S. dollar significantly fluctuates in relation to the non-U.S. currencies in which we transact business, the value of our non-U.S. dollar transactions can have an adverse effect on our results of operations and financial condition. In particular, in periods when a foreign currency significantly declines in value in relation to the U.S. dollar, such as past declines in the Euro relative to the U.S. dollar, customers transacting in that foreign currency may find it more difficult to fulfill their previously committed contractual obligations or to undertake new obligations to make payments or purchase products. In periods when the U.S. dollar is significantly declining in relation to the British pound, Euro and Thai baht, the operational costs in our European and Thailand subsidiaries are adversely affected.

Interruptions in our information technology systems could adversely affect our business.

We rely on the efficient and uninterrupted operation of complex information technology systems and networks to operate our business. Any significant system or network disruption, including but not limited to new system implementations, computer viruses, security breaches, facility issues or energy blackouts could have a material adverse impact on our operations, sales and operating results. Such network disruption could result in a loss of our intellectual property or the release of sensitive competitive information or partner, customer or employee personal data. Any loss of such information could harm our competitive position, result in a loss of customer confidence, and cause us to incur significant costs to remedy the damages caused by the disruptions or security breaches. From time to time, we have experienced verifiable attacks on our data by unauthorized parties; however, such attacks have not resulted in any material damage to us. In recent years, we have implemented improvements to our protective measures which are not limited to the following: firewalls, antivirus, patches, log monitors, routine backups with offsite retention of storage media, system audits, data partitioning and routine password

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modifications. There can be no assurance that such system improvements will be sufficient to prevent or limit the damage from any future cyber attack or disruptions and any such attack or disruption could have a material adverse impact on our business, operations and financial results.

Third-party service providers, such as foundries, assembly houses, distributors, credit card processors and other vendors have access to certain portions of our sensitive data. In the event that these service providers do not properly safeguard our data that they hold, security breaches and loss of our data could result. Any such loss of data by our third-party service providers could negatively impact our business, operations and financial results.

The occurrence of events for which we are self-insured, or which exceed our insurance limits, may adversely affect our profitability and liquidity.

We have insurance contracts with independent insurance companies related to many different types of risk; however, we self-insure for some potentially significant risks and obligations. In these circumstances, we have determined that it is more cost effective to self-insure certain risks than to pay the high premium costs. The risks and exposures that we self-insure include, but are not limited to, certain property, product defects, political risks, and intellectual property matters. Should there be a loss or adverse judgment or other decision in an area for which we are self-insured, then our financial condition, results of operations and liquidity may be adversely affected.

We are subject to stringent environmental regulations, which may force us to incur significant expenses.

We must comply with many different federal, state, local and foreign governmental regulations related to the use, storage, discharge and disposal of toxic, volatile or otherwise hazardous substances used in our products and manufacturing processes. Our failure to comply with applicable regulations could result in the imposition of fines, suspension of production, cessation of operations or future liabilities. Such environmental regulations have required us in the past and could require us in the future to acquire costly equipment or to incur other significant expenses to comply with such regulations. Any failure by us to control the use of or adequately restrict the discharge of hazardous substances could also restrict our ability to ship certain products to certain countries, require us to modify our operations logistics, or require us to incur other significant costs and expenses. Over the past several years, there has been an expansion in environmental laws focusing on reducing or eliminating hazardous substances in electronic products. The European Union and countries such as the U.S., China, Korea and Brazil, have enacted or may enact such laws or regulations. These and other future environmental regulations could require us to reengineer certain of our existing products and may make it more expensive for us to manufacture and sell our products. In addition, over the last several years, the number and complexity of laws focused on the energy efficiency of electronic products and accessories, the recycling of electronic products, and the reduction in quantity and the recycling of packaging materials have expanded significantly. It may be difficult for us to timely comply with these laws and we may not have sufficient quantities of compliant products to meet customers' needs, thereby adversely impacting our sales and profitability. We may also have to write off inventory in the event that we hold inventory that is not saleable as a result of changes to regulations. We expect these risks and trends to continue. In addition, we anticipate increased customer requirements to meet voluntary criteria related to the reduction or elimination of hazardous substances in our products and energy efficiency measures.

Customer demands and new regulations related to conflict-free minerals may force us to incur additional expenses.

The Dodd-Frank Wall Street Reform and Consumer Protection Act requires disclosure of use of “conflict” minerals mined from the Democratic Republic of Congo and adjoining countries and efforts to prevent the use of such minerals. In the semiconductor industry, these minerals are most commonly found in metals. As there may be only a limited number of suppliers offering “conflict free” metals, we cannot be sure that we will be able to obtain necessary

metals in sufficient quantities or at competitive prices. Also, since our supply chain is complex and some suppliers will not share their confidential supplier information, we may face challenges with our customers and suppliers if we are unable to sufficiently verify that the metals used in our products are “conflict free.” Some customers may choose to disqualify us as a supplier and we may have to write off inventory in the event that it becomes unsaleable as a result of these regulations.

Climate change regulations and sustained adverse climate change poses both regulatory and physical risks that could harm our results of operations or affect the way we conduct our business.

New climate change regulations could require us to limit emissions, change our manufacturing processes, obtain substitute materials that may cost more or be less available, increase our investment in control technology for greenhouse gas emissions, fund offset projects or undertake other costly activities. These regulations could significantly increase our costs and restrict our manufacturing operations by virtue of requirements for new equipment. It is possible that new permits will be required for our current or expanded operations. Failure to receive timely permits could result in the imposition of fines,

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suspension of production, or cessation of operations. In addition, new restrictions on carbon dioxide or other greenhouse gas emissions could result in significant costs such as higher energy costs, and utility companies passing down carbon taxes, emission cap and trade programs and renewable portfolio standards. The cost of complying, or of failing to comply, with these and other climate change and emissions regulations could have an adverse effect on our operating results.

Further, any sustained adverse change in climate could have a direct adverse economic impact on us such as water and power shortages or higher costs for water or energy to control the temperature inside of our facilities. Also, certain of our operations are located in tropical regions, such as Thailand. Some environmental experts predict that these regions may become vulnerable to storms, severe floods and droughts due to climate change. While we maintain business recovery plans that are intended to allow us to recover from natural disasters or other events that can be disruptive to our business, we cannot be certain that our plans will protect us from all such disasters or events.

Regulatory authorities in jurisdictions into which we ship our products could levy fines or restrict our ability to export products.

A significant portion of our sales are made outside of the U.S. through the exporting and re-exporting of products. In addition to local jurisdictions' export regulations, our U.S.-manufactured products or products based on U.S. technology are subject to U.S. laws and regulations governing international trade and exports, including, but not limited to the Foreign Corrupt Practices Act, Export Administration Regulations (EAR), and trade sanctions against embargoed countries and destinations administered by the U.S. Department of the Treasury, Office of Foreign Assets Control (OFAC). Licenses or proper license exceptions are required for the shipment of our products to certain countries. A determination by the U.S. or local government that we have failed to comply with these or other export regulations, or anti-bribery regulations can result in penalties which may include denial of export privileges, fines, civil or criminal penalties, and seizure of products. Such penalties could have a material adverse effect on our business including our ability to meet our sales and earnings targets. Further, a change in these laws and regulations could restrict our ability to export to previously permitted countries, customers, distributors or other third parties. Any one or more of these sanctions or a change in laws or regulations could have a material adverse effect on our business, financial condition and results of operations.

The outcome of currently ongoing and future examinations of our income tax returns by the IRS could have an adverse effect on our results of operations.

We are subject to examination of our income tax returns by the IRS and other tax authorities for fiscal 2009 and later. We are currently being audited by the IRS for fiscal 2009 and fiscal 2010. We are subject to certain income tax examinations in foreign jurisdictions for fiscal 2004 and later. We regularly assess the likelihood of adverse outcomes resulting from these examinations to determine the adequacy of our provision for income taxes. There can be no assurance that the outcomes from these continuing examinations will not have an adverse effect on our future operating results.

The future trading price of our common stock could be subject to wide fluctuations in response to a variety of factors.

The market price of our common stock has fluctuated significantly in the past and is likely to fluctuate in the future. The future trading price of our common stock could be subject to wide fluctuations in response to a variety of factors, many of which are beyond our control, including, but not limited to:

- quarterly variations in our operating results and the operating results of other technology companies;
- actual or anticipated announcements of technical innovations or new products by us or our competitors;

- changes in analysts' estimates of our financial performance or buy/sell recommendations;
- changes in our financial guidance or our failure to meet such guidance;
- any acquisitions we pursue or complete;
- general conditions in the semiconductor industry; and
- global economic and financial conditions.

In addition, the stock market has from time to time experienced significant price and volume fluctuations that have affected the market prices for many companies and that often have been unrelated to the operating performance of such companies. These broad market fluctuations and other factors have harmed and may harm the market price of our common stock. Some or all of the foregoing factors could also cause the market price of our convertible debentures to decline or fluctuate substantially.

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We may not fully realize the anticipated benefits of our completed or future acquisitions or divestitures.

We have acquired, and expect in the future to acquire, additional businesses that we believe will complement or augment our existing businesses. The integration process for our acquisitions, such as our acquisition of SST, may be complex, costly and time consuming and include unanticipated issues, expenses and liabilities. We may not be able to successfully or profitably integrate, operate, maintain and manage any newly acquired operations or employees. We may not be able to maintain uniform standards, procedures and policies and we may be unable to realize the expected synergies and cost savings from the integration. There may be increased risk due to integrating financial reporting and internal control systems. We may have difficulty in developing, manufacturing and marketing the products of a newly acquired company, or in growing the business at the rate we anticipate. Following an acquisition, we may not achieve the revenue or net income levels that justify the acquisition. We may suffer loss of key employees, customers and strategic partners of acquired companies. We may be subject to claims by terminated employees, shareholders of acquired companies and other third parties related to the transaction. Acquisitions may also result in one-time charges (such as acquisition-related expenses, write-offs, restructuring charges, or future impairment of goodwill), contingent liabilities, adverse tax consequences, additional stock-based compensation expense and other charges that adversely affect our operating results. Additionally, we may fund acquisitions of new businesses or strategic alliances by utilizing cash, raising debt, issuing shares of common stock, or other mechanisms.

While the risks above may be relevant to all of our acquisitions, our April 2010 acquisition of SST was a larger and more complex transaction than our other recent transactions and exposes us to greater risks and liabilities than we have encountered in the past.

Further, when we decide to sell assets or a business, we may encounter difficulty in finding or completing divestiture opportunities or alternative exit strategies on acceptable terms or in a timely manner. These circumstances could delay the accomplishment of our strategic objectives or cause us to incur additional expenses with respect to a business that we want to dispose of, or we may dispose of a business at a price or on terms that are less favorable than we had anticipated. Even following a divestiture, we may be contractually obligated with respect to certain continuing obligations to customers, vendors or other third parties and such obligations may have a material adverse impact on our results of operation and financial condition.

In addition to acquisitions, we have in the past and expect in the future to enter into joint development agreements or other business or strategic relationships with other companies. These transactions are subject to a number of risks similar to those we face with our acquisitions including our ability to realize the expected benefits of any such transaction, to successfully market and sell any products resulting from such transactions or to successfully integrate any technology developed through such transactions.

We may in the future incur impairments to goodwill or long-lived assets.

We review our long-lived assets, including goodwill and other intangible assets, for impairment annually in the fourth quarter or whenever events or changes in circumstances indicate that the carrying amount of those assets may not be recoverable. Factors that may be considered in assessing whether goodwill or intangible assets may not be recoverable include a decline in our stock price or market capitalization, reduced estimates of future cash flows and slower growth rates in our industry. Our valuation methodology for assessing impairment requires management to make judgments and assumptions based on historical experience and to rely heavily on projections of future operating performance. Because we operate in highly competitive environments, projections of future operating results and cash flows may vary significantly from our actual results. No goodwill or long-lived asset impairment charges were recorded in fiscal 2011 or the first six months of fiscal 2012.

Our financial condition and results of operations could be adversely affected if we do not effectively manage our convertible debt.

As a result of our sale of \$1.15 billion of principal value 2.125% junior subordinated convertible debentures in December 2007, we have a substantially greater amount of long-term debt than we have maintained in the past. Our maintenance of substantial levels of debt could adversely affect our ability to take advantage of corporate opportunities and could adversely affect our financial condition and results of operations. We may need or desire to refinance all or a portion of our debentures or any other future indebtedness that we incur on or before the maturity of the debentures. There can be no assurance that we will be able to refinance any of our indebtedness on commercially reasonable terms, if at all.

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Conversion of our debentures will dilute the ownership interest of existing stockholders, including holders who had previously converted their debentures.

The conversion of some or all of our outstanding debentures will dilute the ownership interest of existing stockholders to the extent we deliver common stock upon conversion of the debentures. Upon conversion, we may satisfy our conversion obligation by delivering cash, shares of common stock or any combination, at our option. If upon conversion we elect to deliver cash for the lesser of the conversion value and principal amount of the debentures, we would pay the holder the cash value of the applicable number of shares of our common stock. Upon conversion, we intend to satisfy the lesser of the principal amount or the conversion value of the debentures in cash. If the conversion value of a debenture exceeds the principal amount of the debenture, we may also elect to deliver cash in lieu of common stock for the conversion value in excess of the one thousand dollars principal amount (i.e., the conversion spread). There would be no adjustment to the numerator in the net income per common share computation for the cash settled portion of the debentures as that portion of the debt instrument will always be settled in cash. The conversion spread will be included in the denominator for the computation of diluted net income per common share. Any sales in the public market of any common stock issuable upon such conversion could adversely affect prevailing market prices of our common stock. In addition, the existence of the debentures may encourage short selling by market participants because the conversion of the debentures could be used to satisfy short positions, or anticipated conversion of the debentures into shares of our common stock could depress the price of our common stock.

Our reported financial results may be adversely affected by new accounting pronouncements or changes in existing accounting standards and practices.

We prepare our financial statements in conformity with accounting principles generally accepted in the U.S. These accounting principles are subject to interpretation or changes by the FASB and the SEC. New accounting pronouncements and varying interpretations of accounting standards and practices have occurred in the past and may occur in the future. New accounting pronouncements or a change in the interpretation of existing accounting standards or practices may have a significant effect on our reported financial results and may even affect our reporting of transactions completed before the change is announced or effective.

Potential U.S. tax legislation regarding our foreign earnings could materially and adversely impact our business and financial results.

Currently, a majority of our revenue is generated from customers located outside the U.S., and a substantial portion of our assets, including employees, are located outside the U.S. Present U.S. income taxes and foreign withholding taxes have not been provided on undistributed earnings for certain of our non-U.S. subsidiaries, because such earnings are intended to be indefinitely reinvested in the operations of those subsidiaries. In fiscal 2009, President Obama's administration announced initiatives that would substantially reduce our ability to defer U.S. taxes including repealing the deferral of U.S. taxation of foreign earnings, eliminating utilization of or substantially reducing our ability to claim foreign tax credits, and eliminating various tax deductions until foreign earnings are repatriated to the U.S. Changes in tax law such as these proposals could have a material negative impact on our financial position and results of operations.

The value of our investments in marketable equity investments could change materially.

Our investments in available-for-sale marketable securities at September 30, 2011 consist of shares of public company common stock, the value of which is determined by the closing price of such shares on the respective markets on which the shares are traded as of our balance sheet date. The market value of these investments was approximately \$8.1 million at September 30, 2011. The stock prices of these securities could materially decrease due to company

performance or market-related activity, negatively affecting the value of these investments. If we wanted to liquidate these investments at a time in which the stock prices had decreased from current levels, our realized return would be materially and adversely affected. Depending on the number of shares we desire to sell relative to the daily trading volume in the shares, in the event we desire to sell our marketable securities, it may take several weeks or months to dispose of our position and our efforts to sell could drive down the price of the shares we are selling.

We may not realize a return on our non-marketable equity investments.

At September 30, 2011, we had investments of \$7.8 million in several privately held companies, including those that we acquired as a result of our SST acquisition that SST had purchased to support its strategic initiatives. These companies range from early-stage companies to more mature companies with established revenue and business models. Many factors are critical to the success of these companies, including product and technology development, market acceptance of their products and technology, and efficiency of operations. If any of these private companies are unsuccessful as a result of these or other

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factors, we could lose all or part of our investment in that company. Also, if we determine that an other-than-temporary impairment to fair value exists in any of our non-marketable equity investments, we will need to write down the investment to its fair value and recognize the related impairment charge.

Additionally, we may desire to dispose of one or more of these non-marketable equity investments from time to time. However, our investments in these private companies are not liquid and we may not be able to dispose of the investments to our advantage or even at all. Also, for investments accounted for under the equity method of accounting, the income or loss we are required to share from the investee's income or loss could affect our earnings. Gains or losses from equity securities could vary from our expectations depending on gains or losses realized on the sale or exchange of securities, gains or losses from equity method investments, and impairment charges.

Credit conditions have adversely impacted our holdings of auction rate securities.

At September 30, 2011, \$11.7 million of the fair value of our investment portfolio was invested in ARS. Historically, the carrying value of ARS approximated fair value due to the frequent resetting of the interest rates. With the continuing liquidity issues in the global credit and capital markets, our ARS have experienced multiple failed auctions. As a result, we will not be able to access such funds until a future auction on these investments is successful.

Our ARS have experienced multiple rating downgrades by the major rating agencies. The fair value of these ARS has been estimated based on market information and estimates determined by management and could change significantly based on market conditions. Based on the estimated values, we concluded these investments were other than temporarily impaired and recognized an impairment charge on these investments of \$0.4 million and \$0.8 million, respectively, in the three and six-month periods ended September 30, 2011. If the issuers are unable to successfully close future auctions or if their credit ratings deteriorate further, we may be required to further adjust the carrying value of the investments through an additional impairment charge to earnings.

The majority of our short and long-term investments are in highly rated government agency bonds and corporate bonds. Other than with respect to our holdings of ARS, we have not experienced any liquidity or impairment issues with such investments. However, there can be no assurance that credit market conditions will not in the future adversely affect the liquidity or value of our investments in government agency bonds or corporate bonds.

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Item 6. Exhibits

- 31.1 Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2 Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 32 Certification of Chief Executive Officer and Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

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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.

MICROCHIP TECHNOLOGY INCORPORATED

Date: November 7, 2011

By: /s/ J. Eric
Bjornholt
J. Eric Bjornholt
Vice President and Chief Financial Officer
(Duly Authorized Officer, and
Principal Financial and Accounting Officer)