

MARVELL TECHNOLOGY GROUP LTD  
Form 10-Q  
September 06, 2011  
Table of Contents

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 10-Q**

(Mark One)

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

For the quarterly period ended July 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: 000-30877

**Marvell Technology Group Ltd.**

(Exact name of registrant as specified in its charter)

**Bermuda**  
(State or other jurisdiction of  
incorporation or organization)

**77-0481679**  
(I.R.S. Employer  
Identification No.)

**Canon s Court, 22 Victoria Street, Hamilton HM 12, Bermuda**

**(441) 296-6395**

(Address, including Zip Code, of principal executive offices and

registrant s telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.  Yes  No

Indicate by check mark whether the registrant has submitted electronically 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

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 the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company)

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).  Yes  No

The number of common shares of the registrant outstanding as of August 26, 2011 was 605.7 million shares.

**Table of Contents**

**TABLE OF CONTENTS**

	<b>Page</b>
<b>PART I. FINANCIAL INFORMATION</b>	
Item 1. Financial Statements:	
<u>Unaudited Condensed Consolidated Balance Sheets as of July 30, 2011 and January 29, 2011</u>	2
<u>Unaudited Condensed Consolidated Statements of Operations for the three and six months ended July 30, 2011 and July 31, 2010</u>	3
<u>Unaudited Condensed Consolidated Statements of Cash Flows for the six months ended July 30, 2011 and July 31, 2010</u>	4
<u>Notes to Unaudited Condensed Consolidated Financial Statements</u>	5
Item 2. <u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	21
Item 3. <u>Quantitative and Qualitative Disclosures About Market Risk</u>	27
Item 4. <u>Controls and Procedures</u>	29
<b>PART II. OTHER INFORMATION</b>	
Item 1. <u>Legal Proceedings</u>	30
Item 1A. <u>Risk Factors</u>	30
Item 2. <u>Unregistered Sales of Equity Securities and Use of Proceeds</u>	43
Item 6. <u>Exhibits</u>	43
<u>Signatures</u>	44
<u>Exhibit Index</u>	45

**Table of Contents****PART I: FINANCIAL INFORMATION****Item 1. Financial Statements****MARVELL TECHNOLOGY GROUP LTD.****UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS****(in thousands)**

	<b>July 30, 2011</b>	<b>January 29, 2011</b>
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 862,965	\$ 1,847,074
Short-term investments	1,536,822	1,082,956
Accounts receivable, net	405,757	459,406
Inventories	322,005	245,448
Prepaid expenses and other current assets	60,024	66,945
Deferred income taxes	10,818	10,818
<b>Total current assets</b>	<b>3,198,391</b>	<b>3,712,647</b>
Property and equipment, net	363,764	358,440
Long-term investments	26,070	26,226
Goodwill	2,006,903	2,004,833
Acquired intangible assets, net	112,746	124,631
Other non-current assets	120,689	111,380
<b>Total assets</b>	<b>\$ 5,828,563</b>	<b>\$ 6,338,157</b>
<b>LIABILITIES AND SHAREHOLDERS EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 353,992	\$ 332,007
Accrued liabilities	89,899	85,994
Accrued employee compensation	117,257	146,524
Deferred income	67,827	76,161
<b>Total current liabilities</b>	<b>628,975</b>	<b>640,686</b>
Non-current income taxes payable	139,704	136,262
Other long-term liabilities	33,753	39,340
<b>Total liabilities</b>	<b>802,432</b>	<b>816,288</b>
Commitments and contingencies (Note 9)		
Shareholders' equity:		
Common stock	1,207	1,317
Additional paid-in capital	3,966,047	4,805,588
Accumulated other comprehensive income	5,752	1,092
Retained earnings	1,053,125	713,872
<b>Total shareholders' equity</b>	<b>5,026,131</b>	<b>5,521,869</b>
<b>Total liabilities and shareholders' equity</b>	<b>\$ 5,828,563</b>	<b>\$ 6,338,157</b>

**See accompanying notes to unaudited condensed consolidated financial statements.**

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS****(In thousands, except per share amounts)**

	<b>Three Months Ended</b>		<b>Six Months Ended</b>	
	<b>July 30, 2011</b>	<b>July 31, 2010</b>	<b>July 30, 2011</b>	<b>July 31, 2010</b>
Net revenue	\$ 897,520	\$ 896,474	\$ 1,699,922	\$ 1,752,053
Operating costs and expenses:				
Cost of goods sold	378,117	366,682	712,592	710,667
Research and development	249,604	228,211	492,141	447,322
Selling and marketing	40,390	36,863	78,542	75,286
General and administrative	23,631	25,440	48,415	48,548
Amortization of acquired intangible assets	11,138	21,214	25,479	43,763
Total operating costs and expenses	702,880	678,410	1,357,169	1,325,586
Operating income	194,640	218,064	342,753	426,467
Interest and other income, net	2,064	4,253	1,857	552
Interest expense		(41)	(11)	(92)
Income before income taxes	196,704	222,276	344,599	426,927
Provision for income taxes	4,312	2,499	5,346	1,383
Net income	\$ 192,392	\$ 219,777	\$ 339,253	\$ 425,544
Net income per share:				
Basic	\$ 0.32	\$ 0.34	\$ 0.54	\$ 0.66
Diluted	\$ 0.31	\$ 0.33	\$ 0.53	\$ 0.63
Weighted average shares:				
Basic	608,511	648,028	623,728	644,477
Diluted	623,132	675,220	640,136	676,639

See accompanying notes to unaudited condensed consolidated financial statements.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**

(in thousands)

	Six Months Ended	
	July 30, 2011	July 31, 2010
<b>Cash flows from operating activities:</b>		
Net income	\$ 339,253	\$ 425,544
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	46,474	45,851
Stock-based compensation	57,835	57,585
Amortization of acquired intangible assets	25,479	43,763
Facilities impairment		1,140
Other (income) expense, net	7,145	4,812
Fair market value adjustment to aquired inventory sold		(1,990)
Excess tax benefits from stock-based compensation	(14)	(229)
Deferred income taxes		(1,457)
Changes in assets and liabilities:		
Accounts receivable	53,649	(133,959)
Inventories	(76,004)	3,916
Prepaid expenses and other assets	17,438	6,454
Accounts payable	6,999	98,443
Accrued liabilities and other	(91)	4,433
Accrued employee compensation	(29,267)	(6,100)
Deferred income	(8,334)	26,623
Net cash provided by operating activities	440,562	574,829
<b>Cash flows from investing activities:</b>		
Purchases of marketable securities	(1,139,884)	(709,060)
Purchases of strategic investments	(2,253)	(1,750)
Sales and maturities of investments	681,069	347,745
Cash paid for acquisition, net	(16,760)	(20,679)
Purchases of technology licenses	(6,615)	(6,819)
Purchases of property and equipment	(42,245)	(39,298)
Net cash used in investing activities	(526,688)	(429,861)
<b>Cash flows from financing activities:</b>		
Repurchase of common stock	(939,241)	
Proceeds from employee stock plans	41,755	80,477
Principal payments on capital lease obligations	(511)	(950)
Excess tax benefits from stock-based compensation	14	229
Net cash provided by (used in) financing activities	(897,983)	79,756
Net increase (decrease) in cash and cash equivalents	(984,109)	224,724
Cash and cash equivalents at beginning of period	1,847,074	1,105,428
Cash and cash equivalents at end of period	\$ 862,965	\$ 1,330,152

**See accompanying notes to unaudited condensed consolidated financial statements.**



**Table of Contents**

**MARVELL TECHNOLOGY GROUP LTD.**

**NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**

**Note 1. The Company and Basis of Presentation**

**The Company**

Marvell Technology Group Ltd., a Bermuda company (the Company), is a leading global semiconductor provider of high-performance application specific standard products. The Company's core strength of expertise is the development of complex System-on-a-Chip devices leveraging its extensive technology portfolio of intellectual property in the areas of analog, mixed-signal, digital signal processing and embedded ARM-based microprocessor integrated circuits. The Company develops platforms that it defines as integrated hardware and software that incorporate digital computing technologies designed and configured to provide an optimal computing solution compared to individual components. The Company's broad product portfolio includes devices for data storage, enterprise-class Ethernet data switching, Ethernet physical-layer transceivers, handheld cellular, Ethernet-based wireless networking, personal area networking, Ethernet-based PC connectivity, control plane communications controllers, video-image processing and power management solutions.

**Basis of presentation**

The Company's fiscal year is the 52- or 53-week period ending on the Saturday closest to January 31. In a 52-week year, each fiscal quarter consists of 13 weeks. The additional week in a 53-week year is added to the fourth quarter, making such quarter consist of 14 weeks. Fiscal 2012 and fiscal 2011 are comprised of 52-week periods.

The unaudited interim condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States (GAAP) for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and notes required by GAAP for annual financial statements. In the opinion of management, all adjustments consisting of normal and recurring entries considered necessary for a fair statement of the results for the interim periods have been included in the Company's financial position as of July 30, 2011, the results of its operations for the three and six months ended July 30, 2011 and July 31, 2010, and its cash flows for the six months ended July 30, 2011 and July 31, 2010. The January 29, 2011 condensed consolidated balance sheet data was derived from audited consolidated financial statements included in the Company's Annual Report on Form 10-K for the fiscal year ended January 29, 2011 but does not include all disclosures required for annual periods. Certain reclassifications have been made to conform to the current period's presentation.

These condensed consolidated financial statements and related notes are unaudited and should be read in conjunction with the Company's audited financial statements and related notes included in the Company's Annual Report on Form 10-K for the fiscal year ended January 29, 2011 as filed on March 28, 2011 with the Securities and Exchange Commission. The results of operations for the three and six months ended July 30, 2011 are not necessarily indicative of the results that may be expected for any other interim period or for the full fiscal year.

**Use of estimates**

The preparation of consolidated financial statements in conformity with GAAP requires management to make estimates, judgments and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent assets and liabilities. On an on-going basis, the Company evaluates its estimates, including those related to performance-based compensation, revenue recognition, including provisions for sales returns and allowances, inventory excess and obsolescence, investment fair values, goodwill and other intangible assets, income taxes, litigation and other contingencies. In addition, the Company uses assumptions when employing the Monte Carlo simulation and Black-Scholes valuation models to calculate the fair value of stock-based awards granted. The Company bases its estimates of the carrying value of certain assets and liabilities on historical experience and on various other assumptions that are believed to be reasonable under the circumstances when these carrying values are not readily available from other sources. Actual results could differ from these estimates, and such differences could affect the results of operations reported in future periods.

**Principles of consolidation**

The unaudited condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All intercompany accounts and transactions have been eliminated. The functional currency of the Company and its subsidiaries is the United States

dollar.

**Note 2. Recent Accounting Pronouncements and Accounting Changes**

In May 2011, the Financial Accounting Standards Board ( FASB ) issued additional guidance on fair value measurements and related disclosures. The new guidance clarifies the application of existing guidance on fair value measurement for non-financial assets and requires the

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

disclosure of quantitative information about the unobservable inputs used in a fair value measurement. This guidance is effective on a prospective basis for interim and annual periods beginning after December 15, 2011. The adoption of this guidance will not have any impact on the Company's financial statements.

In June 2011, the FASB issued an amendment to the guidance regarding the presentation of comprehensive income. The amended guidance gives an entity the option to present the total of comprehensive income, the components of net income, and the components of other comprehensive income either in a single continuous statement of comprehensive income or in two separate but consecutive statements. The amended guidance eliminates the option to present the components of other comprehensive income as part of the statement of changes in stockholders' equity. The amended guidance also requires presentation of adjustments for items that are reclassified from other comprehensive income to net income in the statement where the components of net income and the components of other comprehensive income are presented. This guidance is effective on a retrospective basis for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2011.

**Note 3. Investments**

The following tables summarize the Company's investments (in thousands):

		As of July 30, 2011		
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
<b>Short-term investments:</b>				
Available-for-sale:				
Corporate debt securities	\$ 856,799	\$ 4,143	\$ (249)	\$ 860,693
U.S. government and agency securities	674,523	1,716	(110)	676,129
<b>Total short-term investments</b>	<b>\$ 1,531,322</b>	<b>\$ 5,859</b>	<b>\$ (359)</b>	<b>\$ 1,536,822</b>
<b>Long-term investments:</b>				
Available-for-sale:				
Auction rate securities	\$ 27,650	\$	\$ (1,580)	\$ 26,070
<b>Total long-term investments</b>	<b>\$ 27,650</b>	<b>\$</b>	<b>\$ (1,580)</b>	<b>\$ 26,070</b>
<b>Total investments</b>	<b>\$ 1,558,972</b>	<b>\$ 5,859</b>	<b>\$ (1,939)</b>	<b>\$ 1,562,892</b>

		As of January 29, 2011		
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
<b>Short-term investments:</b>				
Available-for-sale:				
Corporate debt securities	\$ 648,278	\$ 3,208	\$ (213)	\$ 651,273
U.S. government and agency securities	431,174	561	(52)	431,683
<b>Total short-term investments</b>	<b>\$ 1,079,452</b>	<b>\$ 3,769</b>	<b>\$ (265)</b>	<b>\$ 1,082,956</b>
<b>Long-term investments:</b>				
Available-for-sale:				

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Auction rate securities	\$ 27,850	\$	\$ (1,624)	\$ 26,226
Total long-term investments	\$ 27,850	\$	\$ (1,624)	\$ 26,226
Total investments	\$ 1,107,302	\$ 3,769	\$ (1,889)	\$ 1,109,182

As of July 30, 2011, the Company's investment portfolio included \$27.7 million in par value of auction rate securities. Beginning in February 2008, liquidity issues in the global credit markets resulted in a failure of auction rate securities, as the amount of securities submitted for sale in those auctions exceeded the amount of bids. To estimate the fair value of the auction rate securities since that time, the Company used a discounted cash flow model based on estimated timing and amount of future interest and principal payments, credit quality of the underlying securities and liquidity considerations, the collateralization of underlying security investments, the credit worthiness of the issuer of the securities, the probability of full repayment and other considerations. As of July 30, 2011, the fair value of auction rate securities was \$1.6 million less than par value and was recorded in long-term investments.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Based on the Company's assessment of its cash flow projections, a balance of approximately \$2.4 billion in cash, cash equivalents and short-term investments other than auction rate securities and the fact that the Company continues to generate positive cash flow from operations on a quarterly basis, the Company does not anticipate having to sell these securities below par value in order to operate its business. The Company does not have the intent to sell these auction rate securities until recovery. Thus, the Company considers the impairment to be temporary and recorded the unrealized loss to accumulated other comprehensive income, a component of shareholders' equity.

The contractual maturities of available-for-sale securities at July 30, 2011 and January 29, 2011 are presented in the following table (in thousands):

	July 30, 2011		January 29, 2011	
	Amortized Cost	Estimated Fair Value	Amortized Cost	Estimated Fair Value
Due in one year or less	\$ 608,494	\$ 609,216	\$ 560,190	\$ 560,999
Due between one and five years	922,828	927,606	519,262	521,957
Due over five years	27,650	26,070	27,850	26,226
	\$ 1,558,972	\$ 1,562,892	\$ 1,107,302	\$ 1,109,182

The following table shows the investments' gross unrealized losses and fair value, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position (in thousands):

	July 30, 2011				Total	
	Less than 12 months Fair Value	Unrealized Loss	12 months or more Fair Value	Unrealized Loss	Fair Value	Unrealized Loss
Corporate debt securities	\$ 118,086	\$ (249)	\$	\$	\$ 118,086	\$ (249)
U.S. government and agency securities	256,284	(110)			256,284	(110)
Auction rate securities			26,070	(1,580)	26,070	(1,580)
Total securities	\$ 374,370	\$ (359)	\$ 26,070	\$ (1,580)	\$ 400,440	\$ (1,939)

	January 29, 2011				Total	
	Less than 12 months Fair Value	Unrealized Loss	12 months or more Fair Value	Unrealized Loss	Fair Value	Unrealized Loss
Corporate debt securities	\$ 113,081	\$ (213)	\$	\$	\$ 113,081	\$ (213)
U.S. government and agency securities	91,962	(52)			91,962	(52)
Auction rate securities			26,226	(1,624)	26,226	(1,624)
Total securities	\$ 205,043	\$ (265)	\$ 26,226	\$ (1,624)	\$ 231,269	\$ (1,889)

**Note 4. Supplemental Financial Information (in thousands)****Inventories**

	<b>July 30, 2011</b>	<b>January 29, 2011</b>
Work-in-process	\$ 211,667	\$ 156,108
Finished goods	110,338	89,340
<b>Inventories</b>	<b>\$ 322,005</b>	<b>\$ 245,448</b>

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)****Property and equipment, net**

	<b>July 30, 2011</b>	<b>January 29, 2011</b>
Machinery and equipment	\$ 469,665	\$ 435,900
Computer software	77,587	74,966
Furniture and fixtures	23,818	23,498
Leasehold improvements	35,044	34,142
Buildings	144,596	144,596
Building improvements	41,991	41,200
Land	69,246	69,246
Construction in progress	6,217	8,469
	868,164	832,017
Less: Accumulated depreciation and amortization	(504,400)	(473,577)
Property and equipment, net	\$ 363,764	\$ 358,440

**Other non-current assets**

	<b>July 30, 2011</b>	<b>January 29, 2011</b>
Technology and other licenses	\$ 60,943	\$ 51,642
Deferred tax assets	27,671	27,671
Deferred compensation	4,749	6,169
Prepayments for foundry capacity	5,157	5,289
Severance fund	4,407	4,819
Investments in privately held companies	5,888	3,950
Other	11,874	11,840
Other non-current assets	\$ 120,689	\$ 111,380

**Accrued liabilities**

	<b>July 30, 2011</b>	<b>January 29, 2011</b>
Accrued rebates	\$ 34,856	\$ 32,405
Accrued royalties	13,767	14,018
Accrued legal and professional services	10,508	10,676
Customer advances	3,682	3,515
Technology license obligation	7,410	4,850
Income tax payable	3,059	
Accrued sales/goods and services tax	1,818	3,679

Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Other	14,799	16,851
Accrued liabilities	\$ 89,899	\$ 85,994

**Other long-term liabilities**

	July 30, 2011	January 29, 2011
Technology license obligation	\$ 13,004	\$ 19,218
Long-term accrued employee compensation	8,730	9,258
Facilities consolidation	2,547	3,271
Accrued severance	2,085	3,226
Other	7,387	4,367
Other long-term liabilities	\$ 33,753	\$ 39,340



**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)****Net income per share**

The Company reports both basic net income per share, which is based upon the weighted average number of common shares outstanding and diluted net income per share, which is based on the weighted average number of common shares outstanding and dilutive potential common shares. The computations of basic and diluted net income per share are presented in the following table (in thousands, except per share amounts):

	<b>Three Months Ended</b>		<b>Six Months Ended</b>	
	<b>July 30, 2011</b>	<b>July 31, 2010</b>	<b>July 30, 2011</b>	<b>July 31, 2010</b>
<b>Numerator:</b>				
Net income	\$ 192,392	\$ 219,777	\$ 339,253	\$ 425,544
<b>Denominator:</b>				
Weighted average common shares outstanding	608,511	648,028	623,728	644,477
<b>Effect of dilutive securities:</b>				
Common share options and other	14,621	27,192	16,408	32,162
<b>Weighted average shares diluted</b>	<b>623,132</b>	<b>675,220</b>	<b>640,136</b>	<b>676,639</b>
<b>Net income per share:</b>				
Basic	\$ 0.32	\$ 0.34	\$ 0.54	\$ 0.66
Diluted	\$ 0.31	\$ 0.33	\$ 0.53	\$ 0.63

Options to purchase 22.4 million common shares at a weighted average exercise price of \$18.59 have been excluded from the computation of diluted net income per share for the three months ended July 30, 2011 because including them would have been anti-dilutive. Options to purchase 12.7 million weighted-average shares at a weighted average exercise price of \$21.15 have been excluded from the computation of diluted net income per share for the three months ended July 31, 2010 because including them would have been anti-dilutive.

Options to purchase 17.6 million common shares at a weighted average exercise price of \$19.53 have been excluded from the computation of diluted net income per share for the six months ended July 30, 2011 because including them would have been anti-dilutive. Options to purchase 10.1 million common shares at a weighted average exercise price of \$22.03 have been excluded from the computation of diluted net income per share for the six months ended July 31, 2010 because including them would have been anti-dilutive.

In addition, the options granted during the six months ended July 30, 2011, which contain a market condition for vesting, have been excluded from the computation of diluted net income per share for the three and six months ended July 30, 2011, as the market value of the Company's share as of July 30, 2011 was lower than the required market condition. Refer to Note 11 Stock-Based Compensation for additional details.

**Comprehensive income**

The changes in the components of other comprehensive income were as follows (in thousands):

	<b>Three Months Ended</b>		<b>Six Months Ended</b>	
	<b>July 30, 2011</b>	<b>July 31, 2010</b>	<b>July 30, 2011</b>	<b>July 31, 2010</b>
Net income	\$ 192,392	\$ 219,777	\$ 339,253	\$ 425,544
Other comprehensive income				

Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Net unrealized gain on marketable securities	392	1,733	1,996	1,856
Net unrealized gain on auction rate securities	100	49	44	53
Net unrealized gain (loss) on cash flow hedges	(1,205)	(690)	2,735	(491)
Change in other	(115)	(1)	(115)	(2)
<b>Total comprehensive income</b>	<b>\$ 191,564</b>	<b>\$ 220,868</b>	<b>\$ 343,913</b>	<b>\$ 426,960</b>

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The components of accumulated other comprehensive income were as follows (in thousands):

	July 30, 2011	January 29, 2011
Unrealized gain on marketable securities	\$ 5,500	\$ 3,504
Unrealized loss on auction rate securities	(1,580)	(1,624)
Unrealized gain (loss) on cash flow hedges	1,942	(793)
Other	(110)	5
<b>Accumulated other comprehensive income</b>	<b>\$ 5,752</b>	<b>\$ 1,092</b>

**Note 5. Derivative Financial Instruments**

The Company manages some of its foreign currency exchange rate risk through the purchase of foreign currency exchange contracts that hedge against the short term impact of currency fluctuations. The Company's policy is to enter into foreign currency forward contracts with maturities generally less than 12 months that mitigate the impact of rate fluctuations on certain local currency denominated operating expenses. All derivatives are recorded at fair value in either prepaid expenses and other current assets or accrued liabilities. The Company reports cash flows from derivative instruments in cash flows from operating activities. The Company uses quoted prices to value its derivative instruments.

As of July 30, 2011 and January 29, 2011, the notional amounts of outstanding forward contracts were as follows (in thousands):

	July 30, 2011		January 29, 2011	
	Buy Contracts	Sell Contracts	Buy Contracts	Sell Contracts
Israeli shekel	\$ 46,896	\$	\$ 56,360	\$
Euro				3,698
	\$ 46,896	\$	\$ 56,360	\$ 3,698

*Cash Flow Hedges.* The Company designates and documents its foreign currency forward exchange contracts as cash flow hedges for certain operating expenses denominated in Israeli shekels. The Company evaluates and calculates the effectiveness of each hedge at least quarterly. The effective change is recorded in accumulated other comprehensive income and is subsequently reclassified to operating expense when the hedged expense is recognized. Ineffectiveness is recorded in interest and other income, net.

*Other Foreign Currency Forward Contracts.* The Company enters into foreign currency forward exchange contracts to hedge certain assets and liabilities denominated in various foreign currencies that it does not designate as hedges for accounting purposes. The maturities of these contracts are generally less than 12 months. Gains or losses arising from the remeasurement of these contracts to fair value each period are recorded in interest and other income, net.

The fair value of foreign exchange contract derivatives was not significant as of any period presented.

**Note 6. Fair Value Measurements**

Fair value is an exit price representing the amount that would be received in the sale of an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or a liability. As a basis for considering such assumptions, the accounting guidance establishes

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

a three-tier value hierarchy, which prioritizes the inputs used in the valuation methodologies in measuring fair value:

Level 1 - Observable inputs that reflect quoted prices (unadjusted) for identical assets or liabilities in active markets.

Level 2 - Include other inputs that are directly or indirectly observable in the marketplace.

Level 3 - Unobservable inputs that are supported by little or no market activity.

The fair value hierarchy also requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.

The Company measures its cash equivalents and marketable securities at fair value. The Company's cash equivalents and marketable securities are primarily classified within Level 1 with the exception of its investments in auction rate securities, which are classified within Level 3. Cash equivalents and marketable securities are valued primarily using quoted market prices utilizing market observable inputs. The Company's investments in corporate debt securities are classified within Level 2 as the market inputs to value these instruments consist of

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

market yields, reported trades and broker/dealer quotes. In addition, foreign currency contracts are classified within Level 2 as the valuation inputs are based on quoted prices and market observable data of similar instruments. The Company's investments in auction rate securities are classified within Level 3 because there are no active markets for the auction rate securities and therefore the Company is unable to obtain independent valuations from market sources. Therefore, the auction rate securities were valued using a discounted cash flow model. Some of the inputs to the cash flow model are unobservable in the market. The total amount of assets measured using Level 3 valuation methodologies represented 0.4% of total assets as of July 30, 2011.

The tables below set forth, by level, the Company's financial assets that were accounted for at fair value as of July 30, 2011 and January 29, 2011. The tables do not include assets and liabilities that are measured at historical cost or any basis other than fair value (in thousands):

	Level 1	Level 2	Level 3	Portion of Carrying Value Measured at Fair Value at July 30, 2011
Items measured at fair value on a recurring basis:				
Assets				
Cash equivalents:				
Money market funds	\$ 42,848	\$	\$	\$ 42,848
U.S. government and agency securities	19,998			19,998
Corporate debt securities		34,396		34,396
Time deposit	266,237			266,237
Short-term investments:				
U.S. government and agency securities	676,129			676,129
Corporate debt securities		860,693		860,693
Long-term investments:				
Auction rate securities			26,070	26,070
Prepaid expenses and other current assets:				
Forward contracts		1,883		1,883
Other non-current assets:				
Severance pay fund	2,552	1,855		4,407
<b>Total assets</b>	<b>\$ 1,007,764</b>	<b>\$ 898,827</b>	<b>\$ 26,070</b>	<b>\$ 1,932,661</b>

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

	Level 1	Level 2	Level 3	Portion of Carrying Value Measured at Fair Value at January 29, 2011
<b>Items measured at fair value on a recurring basis:</b>				
<b>Assets</b>				
<b>Cash equivalents:</b>				
Money market funds	\$ 1,230,616	\$	\$	\$ 1,230,616
U.S. government and agency securities	106,487			106,487
Corporate debt securities		9,797		9,797
Time deposit	159,938			159,938
<b>Short-term investments:</b>				
U.S. government and agency securities	431,683			431,683
Corporate debt securities		651,273		651,273
<b>Long-term investments:</b>				
Auction rate securities			26,226	26,226
<b>Prepaid expense and other current assets:</b>				
Forward contracts		166		166
<b>Other non-current assets:</b>				
Severance pay fund	2,425	2,394		4,819
<b>Total assets</b>	<b>\$ 1,931,149</b>	<b>\$ 663,630</b>	<b>\$ 26,226</b>	<b>\$ 2,621,005</b>
<b>Liabilities</b>				
<b>Accrued liabilities:</b>				
Forward contracts	\$	\$ 804	\$	\$ 804
<b>Total liabilities</b>	<b>\$</b>	<b>\$ 804</b>	<b>\$</b>	<b>\$ 804</b>

The following tables summarize the change in fair value for Level 3 items during the six months ended July 30, 2011 and July 31, 2010 (in thousands):

	Level 3
<b>Changes in fair value during the six months ended July 30, 2011 (pre-tax):</b>	
Beginning balance at January 30, 2011	\$ 26,226
Purchases	
Sales, redemption and settlement	(200)
Unrealized gain included in accumulated other comprehensive income	44
Ending balance at July 30, 2011	\$ 26,070

	Level 3
<b>Changes in fair value during the six months ended July 31, 2010 (pre-tax):</b>	
Beginning balance at January 31, 2010	\$ 39,281

Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Purchases	
Sales, redemption and settlement	(5,150)
Unrealized gain included in accumulated other comprehensive income	53
Ending balance at July 31, 2010	\$ 34,184

Assets measured and recorded at fair value on a non-recurring basis as of July 30, 2011 and January 29, 2011 were not significant.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)****Note 7. Goodwill and Acquired Intangible Assets, Net (in thousands):****Goodwill**

The following table summarizes the activity related to the carrying value of goodwill:

Balance at January 29, 2011	\$ 2,004,833
Additions due to business combinations	2,070
Balance at July 30, 2011	\$ 2,006,903

**Acquired Intangible Assets, Net**

	Range of Useful Lives	Gross Carrying Amounts	July 30, 2011 Accumulated Amortization and Write-Offs	Net Carrying Amount	Gross Carrying Amounts	January 29, 2011 Accumulated Amortization and Write-Offs	Net Carrying Amount
Purchased technology	1 -7 years	\$ 739,605	\$ (705,261)	\$ 34,344	\$ 726,040	\$ (698,877)	\$ 27,163
Core technology	1 -8 years	212,650	(166,862)	45,788	212,650	(155,359)	57,291
Trade name	1 -5 years	350	(318)	32	350	(299)	51
Customer contracts	4 -7 years	187,200	(164,318)	22,882	187,200	(156,774)	30,426
In-process research and development	*	9,700		9,700	9,700		9,700
Total intangible assets, net		\$ 1,149,505	\$ (1,036,759)	\$ 112,746	\$ 1,135,940	\$ (1,011,309)	\$ 124,631

\* Upon completion of the project, the related in-process research and development ( IPR&D ) assets will be amortized over its estimated useful life. If any of the projects are abandoned or the forecast of the project indicates that the fair value is less than the carrying amount, the Company will be required to impair the related IPR&D asset.

In April 2011, the Company acquired the PHY business of a company which specializes in the design of networking devices. Under the purchase method of accounting, the total purchase price was determined to be \$16.3 million and was preliminarily allocated to tangible and intangible assets based on their fair values as of the date of the completion of the purchase.

Based on the identified intangible assets recorded at July 30, 2011, the future amortization expense excluding IPR&D for the next five fiscal years is as follows (in thousands):

<b>Fiscal year</b>	
Remainder of fiscal 2012	\$ 22,295
2013	41,436



Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

2014	26,753
2015	5,351
2016	2,587
Thereafter	4,624
	\$ 103,046

**Note 8. Restructuring**

During the three months ended July 31, 2010, as a result of the anticipated sale of one of its facilities, the Company classified the carrying value of the building as held for sale within prepaid expenses and other current assets. This resulted in a charge of \$1.1 million to write-down the carrying value to fair value in research and development. During the three months ended July 30, 2011, the Company completed the sale of the building held for sale to an independent third party for \$6.8 million, equal to the revised carrying value of the building.

In addition, the Company continued to make payments and incur on-going operating expenses from its previously vacated facilities during the three and six months ended July 30, 2011.

During the six months ended July 31, 2010, the Company subleased one of its previously vacated facilities and thus recorded an adjustment to the restructuring liabilities.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following table sets forth an analysis of the components of the restructuring charges and the payments made (in thousands):

	<b>Three Months Ended</b>		<b>Six Months Ended</b>	
	<b>July 30, 2011</b>	<b>July 31, 2010</b>	<b>July 30, 2011</b>	<b>July 31, 2010</b>
Restructuring liabilities, beginning of period	\$ 3,425	\$ 4,964	\$ 3,306	\$ 5,397
Facilities and related charges	567	1,660	1,186	2,347
Non-cash adjustment	(407)	(1,140)	(395)	(1,458)
Net cash payments	(376)	(642)	(888)	(1,343)
Adjustments to previous assumptions				(101)
Restructuring liabilities, end of period	\$ 3,209	\$ 4,842	\$ 3,209	\$ 4,842

The following table presents details of restructuring charges by functional line item (in thousands):

	<b>Three Months Ended</b>		<b>Six Months Ended</b>	
	<b>July 30, 2011</b>	<b>July 31, 2010</b>	<b>July 30, 2011</b>	<b>July 31, 2010</b>
Research and development	\$ 139	\$ 1,370	\$ 307	\$ 1,499
Selling and marketing				
General and administrative	428	290	879	747
	\$ 567	\$ 1,660	\$ 1,186	\$ 2,246

The remaining facility lease charges included in the restructuring liabilities will be paid out through fiscal 2018.

**Note 9. Commitments and Contingencies****Purchase commitments**

Under the Company's manufacturing relationships with its foundry partners, cancellation of all outstanding purchase orders are allowed but require repayment of all expenses incurred through the date of cancellation. As of July 30, 2011, the total value of open purchase orders with these foundries was approximately \$259.1 million.

**Intellectual property indemnification**

The Company has agreed to indemnify certain customers for claims made against the Company's products, where such claims allege infringement of third party intellectual property rights, including, but not limited to, patents, registered trademarks, and/or copyrights. Under the aforementioned indemnification clauses, the Company may be obligated to defend the customer and pay for the damages awarded against the customer under an infringement claim as well as the customer's attorneys' fees and costs. The Company's indemnification obligations generally do not expire after termination or expiration of the agreement containing the indemnification obligation. In certain cases, there are limits on and exceptions to the Company's potential liability for indemnification. Although historically the Company has not made significant payments under these indemnification obligations, the Company cannot estimate the amount of potential future payments, if any, that it might be required to make as a result of these agreements. The maximum potential amount of any future payments that the Company could be required to make under these indemnification obligations could be significant.

**Contingencies**

*IPO Securities Litigation.* In 2001, two putative class action lawsuits were filed in the United States District Court for the Southern District of New York concerning certain alleged underwriting practices related to the Company's initial public offering (the IPO) on June 29, 2000. The actions were consolidated and a consolidated complaint was filed, naming as defendants certain investment banks that participated in the IPO, the Company, and two of its officers, one of whom is also a director. Plaintiffs claim that defendants violated certain provisions of the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended (the Exchange Act), by allegedly failing to disclose that the underwriters received excessive and undisclosed commissions and entered into unlawful tie-in agreements with certain of their clients. The consolidated complaint seeks unspecified damages, interest and fees. In addition, this case has been coordinated with hundreds of other lawsuits filed by plaintiffs against underwriters and issuers for approximately 300 other IPOs. Defendants in the coordinated proceedings moved to dismiss the actions. In February 2003, the trial court granted the motions in part and denied them in part, allowing certain claims to proceed.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The parties have reached a global settlement of the coordinated litigation. Under the settlement, the insurers will pay the full amount of settlement share allocated to the Company, and the Company will bear no financial liability. The Company and other defendants will receive complete dismissals from the case. In 2009, the Court issued an order of final approval of the settlement. Certain objectors filed appeals, a number of which were dismissed by agreement or by the appellate court. Following remand from the appellate court, in August 2011, the district court issued an order determining that the last remaining appellant was not a class member and thus lacked standing to object to the settlement. If for any reason the settlement does not become effective, the Company believes it has meritorious defenses to the claims against it and intends to defend the action vigorously.

*Section 16(b) Litigation.* On October 9, 2007, a purported shareholder of the Company filed a complaint for violation of Section 16(b) of the Exchange Act, which prohibits short swing trading, against the Company's IPO underwriters. The complaint *Vanessa Simmonds v. The Goldman Sachs Group, et al.*, Case No. C07-1632 filed in District Court for the Western District of Washington, seeks the recovery of short swing profits. The Company is named as a nominal defendant only, and no recovery is sought from the Company. In March 2009, the district court granted a motion to dismiss filed by the underwriter defendants, which caused the case against the Company to be dismissed. The plaintiff appealed to the U.S. Court of Appeals for the Ninth Circuit, and in December 2010, the Ninth Circuit reversed the dismissal and remanded to the district court. On January 25, 2011, the Ninth Circuit entered an Order staying the mandate pending the filing of petitions for writ of certiorari in the United States Supreme Court by the underwriter defendants. No discovery has taken place. Both sides have filed petitions for writ of certiorari to the United States Supreme Court. The Supreme Court denied plaintiff's writ, but granted the underwriters' writ, which argued that the case should have been dismissed on statute of limitations grounds. A decision is expected during the next term of court, October 2011-June 2012. If the Supreme Court reverses the Ninth Circuit, the case will be concluded. If the Supreme Court affirms the Ninth Circuit, the case will be remanded to the District Court for further proceedings.

*Jasmine Networks Litigation.* On September 12, 2001, Jasmine Networks, Inc. (Jasmine) filed a lawsuit in the Santa Clara County Superior Court alleging claims against Marvell Semiconductor, Inc. (MSI) and three of its officers for allegedly improperly obtaining and using information and technologies during the course of the negotiations with its personnel regarding the potential acquisition of certain Jasmine assets by MSI.

The case proceeded to trial on September 20, 2010. On November 24, 2010, a Santa Clara County jury returned a verdict in favor of MSI on all claims. On January 7, 2011, the Court entered judgment in MSI's favor. Pursuant to California Civil Procedure provisions, Jasmine filed motions for a new trial and for a judgment notwithstanding the verdict. These motions were heard by the Court on February 25, 2011 and denied in written orders. Jasmine filed a notice of appeal in March 2011 and MSI intends to contest any such appeal vigorously. The Company does not believe, based on currently available facts and circumstances, that it is reasonably possible to predict the final outcome of this case and, as such, the Company has not accrued for any amount as of July 30, 2011.

*Wage and Hour Class Action.* On October 18, 2006, Dan Holton (Holton), a former employee of MSI, filed a civil complaint in Santa Clara County Superior Court. Holton alleges that MSI misclassified him as an exempt employee. Holton claims that due to its misclassification MSI owes him unpaid wages for overtime, penalties for missed meal periods, and various other penalties under the California Labor Code, as well as interest. Holton also pursues a cause of action for unfair business practices under the California Business & Profession Code. Holton brought his complaint as a class action. On July 8, 2009, the Court granted certification of the following class: All Individual Contributor Engineers who held the title of PCB Designer, Associate Engineer, Engineer, Staff Engineer and Senior Engineers, who at any time during the class period while holding these positions did not have a degree above a baccalaureate degree nor a degree above a baccalaureate degree in a field of science related to the work performed, and worked for MSI in California, at any time from October 19, 2002 through the present. MSI disputes all of plaintiff's class claims, and intends to defend this matter vigorously. On June 23, 2011, MSI filed a motion for decertification of the class, which was heard by the Court on August 25, 2011. The parties are currently awaiting a decision from the Court. The matter has been set for trial on October 17, 2011.

*Carnegie Mellon Litigation.* On March 6, 2009, Carnegie Mellon University (CMU) filed a complaint in the United States District Court for the Western District of Pennsylvania naming MSI and the Company as defendants and alleging patent infringement. CMU has asserted two patents (U.S. Patent Nos. 6,201,839 and 6,438,180) purportedly relating to read-channel integrated circuit devices and the hard disk drive products incorporating such devices. The complaint seeks unspecified damages and an injunction. On June 1, 2009, MSI and the Company filed their answers and MSI filed counterclaims to the complaint seeking declaratory judgments of non-infringement and invalidity as to both of the asserted patents. The claim construction hearing was held on April 12 and 13, 2010, and a ruling was issued on October 1, 2010. On April 29,

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

2010, MSI and the Company filed their amended answers and counterclaims. The Company and MSI filed a motion for partial summary judgment of invalidity on December 22, 2010. Two hearings on this matter were held on March 31, 2011 and May 17, 2011, respectively. The Court has not yet scheduled a trial date. MSI and the Company believe that they do not infringe any valid and enforceable claims of the asserted CMU patents and intend to contest this action vigorously.

*Xpoint Patent Litigation.* On August 21, 2009, Xpoint Technologies, Inc. filed a complaint in the United States District of Delaware, which names the Company, MSI and thirty-six other companies as defendants. The complaint alleged infringement of U.S. Patent No. 5,913,028 which purportedly relates to data traffic delivery. The complaint seeks unspecified damages and an injunction. A first amended complaint was filed on September 18, 2009 and a second amended complaint was filed on August 20, 2010. On October 28, 2009, the Company was dismissed from the lawsuit. On April 20, 2011, MSI was dismissed from the lawsuit.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

*USEI Litigation.* On October 9, 2009, U.S. Ethernet Innovations, LLC ( USEI ) filed a complaint in the Eastern District of Texas, in which USEI has accused a number of system manufacturers, including the Company's customers, of patent infringement (the USEI litigation ). Specifically, USEI has asserted that these customers infringe U.S. Patent Nos. 5,307,459, 5,434,872, 5,732,094, and 5,299,313 (collectively, the USEI patents in suit ), which purportedly relate to Ethernet technologies. The complaint seeks unspecified damages and an injunction.

On May 4, 2010, MSI filed a motion to intervene in the USEI litigation, which was granted on May 19, 2010. On July 13, 2010, the Court issued an order granting the Defendants' motion to transfer the action to the Northern District of California; the case was formally transferred on August 23, 2010. A technology tutorial hearing was held on February 25, 2010. A claim construction hearing is scheduled for October 28, 2011. The Court has not yet set dates for trial. MSI believes that it does not infringe any valid and enforceable claim of the USEI patents in suit, and intends to litigate this action vigorously.

*Lake Cherokee Patent Litigation.* On June 30, 2010, Lake Cherokee Hard Drive Technologies, L.L.C. filed a complaint in the United States District Court in the Eastern District of Texas. The complaint names MSI and seven other defendants, and alleges infringement of United States Patent Nos. 5,844,738 and 5,978,162 (collectively, the Lake Cherokee patents in suit ). The Lake Cherokee patents in suit are purportedly relating to read-channel integrated circuit devices, and allegedly, to certain unspecified hard disk drive products incorporating such devices. The complaint seeks unspecified damages and a permanent injunction. MSI filed its answer and counterclaims to the complaint on September 13, 2010. Defendants filed a motion to transfer on April 1, 2011. Lake Cherokee filed an amended complaint on April 21, 2011. MSI filed its answer and counterclaims to the amended complaint on May 9, 2011. A Markman hearing is scheduled for May 23, 2012, and trial is set for August 5, 2013. MSI intends to vigorously defend this action.

*APT Patent Litigation.* On January 18, 2011, Advanced Processor Technologies LLC filed a complaint in the United States District Court in the Eastern District of Texas. The complaint names MSI and eight other defendants and alleges infringement of United States Patent Nos. 6,047,359 ( 359 patent ) and 5,796,978 ( 978 patent ). The asserted patents purportedly relate to microprocessor technologies. The complaint seeks unspecified damages and a permanent injunction. A first amended complaint was filed on January 26, 2011. The first amended complaint continues to assert the 359 patent against MSI, but appears to no longer assert the 978 patent against MSI. MSI filed its answer and counterclaims on April 15, 2011. MSI intends to vigorously defend this action.

*LAMD Patent Litigations.* On October 11, 2010, Marvell International Ltd. ( MIL ) filed a complaint against Link-A-Media Devices Corporation ( LAMD ) in the United States District Court for the District of Delaware. The complaint asserts that LAMD infringes its United States Patent Nos. 7,328,395, 7,751,138, 7,099,411 and 7,228,485. On June 30, 2011, MIL filed a motion to amend its complaint to add U.S. Patent Nos. 6,903,448 and 7,528,013. The complaint seeks unspecified damages and a permanent injunction. A claim construction hearing is scheduled for May 25, 2012, and trial is set for July 23, 2012.

On February 10, 2011, LAMD filed a complaint against MSI in the United States District Court for the Northern District of California. The complaint asserts that MSI infringes LAMD's United States Patent No. 7,590,927. The complaint seeks unspecified damages and a permanent injunction. MSI filed its answer and counterclaims on May 3, 2011. MSI believes that it does not infringe any valid and enforceable claim of the LAMD patent in suit. A claim construction hearing is scheduled for February 21, 2012, and trial is set for October 15, 2012. MSI intends to litigate both actions vigorously.

*MOSAID Litigation.* On March 16, 2011, MOSAID Technologies Inc. filed suit in the Eastern District of Texas against MSI and 16 other companies. The suit alleges that the defendants' products, which operate in compliance with the IEEE 802.11a, 802.11b, 802.11g, and 802.11n standards, infringe the six asserted patents (U.S. Patent nos. 5,131,006; 5,151,920; 5,422,887; 5,706,428; 6,563,768; 6,992,972). MSI filed its answer and counterclaims on June 9, 2011. MSI intends to vigorously defend this action.

*Azure Networks Litigation.* On March 22, 2011, Azure Networks LLC. filed suit in the Eastern District of Texas against MSI and eight other companies. The suit alleges that MSI's Bluetooth products infringe its U.S. Patent No. 7,756,129. MSI filed its answer and counterclaims on July 20, 2011. MSI intends to vigorously defend this action.

*Power Management Systems Litigation.* On August 22, 2011, Power Management Systems LLC (a subsidiary of Acacia Research Corp.) filed a Complaint against the Company's Delaware subsidiary, Marvell Semiconductor, Ltd. ( MSL ), in federal district court for the District of Delaware

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

and two other defendants. The Complaint asserts U.S. Patent no. 5,504,909, which purportedly relates to a power management apparatus, against various products. The Complaint seeks unspecified damages. MSL intends to vigorously defend this action.

*HSM/TPL Litigation.* On September 1, 2011, HSM Portfolio, LLC and Technology Properties Limited, LLC filed a Complaint against the Company and MSL, in federal district court for the District of Delaware. The Complaint also named numerous other defendants. The Complaint asserts U.S. Patent No. 5,030,853, purportedly relating to high speed logic and memory circuitry, against various products. The Complaint seeks unspecified damages. The Company and MSL intend to vigorously defend this action.

*General.* The Company is also party to various other legal proceedings and claims arising in the normal course of business. The legal proceedings and claims described above could result in substantial costs and could divert the attention and resources of the Company's management. Although the legal responsibility and financial impact with respect to each of these proceedings and claims cannot currently be ascertained, an unfavorable outcome in any of such actions could have a material adverse effect on the Company's cash flows. As to each of the above mentioned legal matters, the Company is currently unable to estimate a possible loss or range of loss, if any. Litigation is subject to inherent uncertainties and unfavorable rulings could occur. An unfavorable ruling in litigation could require the Company to pay damages or one-time license fees or royalty payments, which could adversely impact gross margins and financial results in future periods, or could prevent

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

the Company from manufacturing or selling some of its products or limit or restrict the type of work that employees involved in such litigation may perform for the Company, which could adversely affect financial results in future periods. The Company believes that it competes lawfully and that its marketing, business and intellectual property benefit is customers and shareholders, and it will continue to conduct a vigorous defense in these proceedings. There can be no assurance that these matters will be resolved in a manner that is not adverse to the Company's business, financial condition, results of operations or cash flows.

***Indemnities, Commitments and Guarantees***

During its normal course of business, the Company has made certain indemnities, commitments and guarantees under which it may be required to make payments in relation to certain transactions. These indemnities include intellectual property indemnities to the Company's customers in connection with the sales of its products, indemnities for liabilities associated with the infringement of other parties' technology based upon the Company's products, indemnities to various lessors in connection with facility leases for certain claims arising from such facility or lease, and indemnities to directors and officers of the Company to the maximum extent permitted under the laws of Bermuda. In addition, the Company has contractual commitments to various customers, which could require the Company to incur costs to repair an epidemic defect with respect to its products outside of the normal warranty period if such defect were to occur. The duration of these indemnities, commitments and guarantees varies, and in certain cases, is indefinite. The majority of these indemnities, commitments and guarantees do not provide for any limitation of the maximum potential future payments that the Company could be obligated to make. The Company has not recorded any liability for these indemnities, commitments and guarantees in the accompanying Consolidated Balance Sheets. The Company does, however, accrue for losses for any known contingent liability, including those that may arise from indemnification provisions, when future payment is probable.

**Note 10. Shareholders' Equity*****Stock plans***

During the three months ended April 30, 2011, the Company issued stock options with a market price condition for a group of senior employees. The Company believes that such awards better align the interests of those employees with the interests of its shareholders. If the market price condition is not met within five years from the date of grant, the options automatically expire.

Activity under the Company's stock option plans for the six months ended July 30, 2011 is summarized below (in thousands, except per share amounts):

	Time-Based Options		Market-Based Options		Total	
	Options Outstanding	Weighted Average Exercise Price	Options Outstanding	Weighted Average Exercise Price	Options Outstanding	Weighted Average Exercise Price
Balance at January 29, 2011	56,325	\$ 11.96		\$	56,325	\$ 11.96
Granted	2,976	\$ 15.52	3,149	\$ 15.43	6,125	\$ 15.47
Canceled/Forfeited	(973)	\$ 14.90		\$	(973)	\$ 14.90
Exercised or issued	(2,001)	\$ 7.95		\$	(2,001)	\$ 7.95
Balance at July 30, 2011	56,327	\$ 12.24	3,149	\$ 15.43	59,476	\$ 12.41
Vested or expected to vest at July 30, 2011	55,133	\$ 12.22	2,964	\$ 15.43	58,097	\$ 12.38
Exercisable at July 30, 2011	42,921	\$ 12.41		\$	42,921	\$ 12.41



## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

The aggregate intrinsic value and weighted average remaining contractual term of time-based stock options vested and expected to vest at July 30, 2011 was \$225.4 million and 4.8 years, respectively.

The aggregate intrinsic value and weighted average remaining contractual term of market-based stock options vested and expected to vest at July 30, 2011 was \$0 and 9.7 years, respectively.

The aggregate intrinsic value is calculated based on the Company's closing stock price as reported on the NASDAQ Global Select Market for all in-the-money options as of July 29, 2011.

As of July 30, 2011, compensation costs related to stock options and restricted stock units not yet recognized amounted to \$196.2 million.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The unamortized compensation expense for time-based and market-based stock options will be amortized on a straight-line basis and is expected to be recognized over a weighted-average period of 2.1 years and 2.4 years, respectively. The unamortized compensation expense for restricted stock units will be amortized on a straight-line basis and is expected to be recognized over a weighted-average period of 1.8 years. Historically, the Company issued new shares to satisfy stock option exercises.

Included in the following table is activity related to the non-vested portion of the restricted stock units as follows (in thousands, except for prices):

	<b>Restricted Stock Units Outstanding</b>	<b>Weighted Average Grant Date Fair Value</b>
Balance at January 29, 2011	5,486	\$ 18.75
Granted	6,019	\$ 16.01
Released	(1,221)	\$ 19.86
Canceled/Forfeited	(364)	\$ 17.01
Balance at July 30, 2011	9,920	\$ 17.02

***Employee stock purchase plan***

In June 2000, the Company adopted the 2000 Employee Stock Purchase Plan (the Purchase Plan), and on October 22, 2009, the Purchase Plan was amended and restated (the Restated Purchase Plan). The Restated Purchase Plan had 20.7 million common shares reserved for issuance thereunder as of July 30, 2011.

During the three and six months ended July 30, 2011, a total of 2.4 million shares were issued under the Restated Purchase Plan at a weighted-average price of \$12.57. As of July 30, 2011, there was \$6.9 million of unrecognized compensation cost related to the Restated Purchase Plan.

***Stock Repurchase Program***

In August 2010, the Company announced that its board of directors had authorized a stock repurchase program of up to \$500 million of the Company's common shares in open market, privately negotiated or block transactions. In March 2011, the Company announced that its Board of Directors authorized the Company to repurchase up to an additional \$500 million, for a total of \$1 billion, of its outstanding common shares. In July 2011, the Company announced that its Board of Directors authorized the Company to repurchase up to an additional \$500 million of its outstanding common shares under its share repurchase program, for a total of \$1.5 billion. The repurchase program is subject to market conditions and other factors and does not obligate the Company to repurchase any dollar amount or number of its common shares. The program may be extended, modified, suspended or discontinued at any time.

The Company repurchased 59.4 million shares for \$939.2 million in cash during the six months ended July 30, 2011. The repurchased shares were retired immediately after the repurchases were completed. As of July 30, 2011, the Company had completed share repurchases totaling \$1,026.7 million under this stock repurchase program, with \$473.3 million remaining available for repurchases under the program.

**Note 11. Stock-Based Compensation**

The following table presents details of stock-based compensation expenses by functional line item (in thousands):

Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

	Three Months Ended		Six Months Ended	
	July 30, 2011	July 31, 2010	July 30, 2011	July 31, 2010
Cost of goods sold	\$ 1,916	\$ 1,692	\$ 3,611	\$ 3,928
Research and development	22,128	22,089	41,721	40,940
Selling and marketing	3,207	2,397	5,861	5,570
General and administrative	3,104	4,511	6,642	7,147
	\$ 30,355	\$ 30,689	\$ 57,835	\$ 57,585

Stock-based compensation of \$1.5 million was capitalized in inventory as of July 30, 2011 and January 29, 2011.

**Table of Contents****MARVELL TECHNOLOGY GROUP LTD.****NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)****Valuation Assumptions**

The following weighted average assumptions were used for each respective period to calculate the fair value of each time-based equity award on the date of grant using the Black-Scholes option pricing model and of each market-based equity award using a Monte Carlo simulation model:

**Time-based Stock Options**

	Three Months Ended		Six Months Ended	
	July 30, 2011	July 31, 2010	July 30, 2011	July 31, 2010
Estimated fair value	\$ 6.24	\$ 8.75	\$ 6.09	\$ 9.45
Volatility	46%	53%	43%	53%
Expected term (in years)	4.8	4.7	4.8	4.7
Risk-free interest rate	1.7%	2.5%	2.1%	2.3%
Dividend yield				

**Market-based Stock Options**

	Three Months Ended	Six Months Ended
	July 30, 2011	July 30, 2011
Estimated fair value	\$	\$ 5.08
Expected Volatility	%	42%
Risk-free interest rate	%	0.85 -3.59%
Dividend yield		

The fair value of each market-based option award is estimated on the date of grant using a Monte Carlo simulation model that uses the assumptions noted in the above table, including the same volatility applied to the Company's time-based options. Because a Monte Carlo simulation model incorporates ranges of assumptions for inputs, those ranges are disclosed where applicable. The Company uses historical data to estimate employee termination within the valuation model. The expected term of options granted of 2.66 years was derived from the output of the valuation model and represents the period of time that options granted are expected to be outstanding.

**Employee Stock Purchase Plan**

	Three Months Ended		Six Months Ended	
	July 30, 2011	July 31, 2010	July 30, 2011	July 31, 2010
Estimated fair value	\$ 4.09	\$ 5.14	\$ 4.09	\$ 5.14
Volatility	46%	53%	46%	53%
Expected term (in years)	0.5	0.5	0.5	0.5
Risk-free interest rate	0.2%	0.2%	0.2%	0.2%
Dividend yield				

The expected volatility for awards granted during the three and six months ended July 30, 2011 is based on an equally weighted combination of historical stock price volatility and implied volatility derived from traded options on the Company's stock in the marketplace. The calculation of

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

expected volatility for previous periods was based solely on historical stock price volatility. The Company believes that the combination of historical volatility and implied volatility provides a better estimate of future stock price volatility.

---

**Table of Contents**

**MARVELL TECHNOLOGY GROUP LTD.**

**NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

**Note 12. Income Taxes**

During the three months ended July 30, 2011 and July 31, 2010, the Company's effective tax rate was an income tax provision of 2.2% and 1.1%, respectively. During the six months ended July 30, 2011 and July 31, 2010, the Company's effective tax rate was an income tax provision of 1.6% and 0.3%, respectively. The income tax provision for these periods was affected by non-tax-deductible expenses such as stock-based compensation expense and the amortization of acquired intangibles.

During the three months ended July 30, 2011, the provision for income taxes consisted of the current income tax liability of \$4.9 million, a reduction of unrecognized tax benefits of \$2.6 million due to the expiration of the statute of limitations in a non-U.S. jurisdiction and an increase in unrecognized tax benefits of \$1.8 million, and a settlement of a non-U.S. audit for \$0.2 million. During the three months ended July 31, 2010, the provision for income taxes was impacted by the current income tax liability of \$3.0 million, a reduction of unrecognized tax benefits for \$2.3 million due to the expiration of the statute of limitations in a non-U.S. jurisdiction, an increase in unrecognized tax benefits of \$2.3 million, a decrease of \$1.5 million due a deferred tax asset for employee stock options on a non-U.S. subsidiary, and a \$1.0 million withholding tax on the disposition of an investment.

During the six months ended July 30, 2011, the provision for income taxes consisted of the current income tax liability of \$8.2 million, a reduction of unrecognized tax benefits of \$6.9 million due to the expiration of the statute of limitations in multiple jurisdictions and an increase in unrecognized tax benefits of \$3.8 million, and a settlement of a non-U.S. audit for \$0.2 million. During the six months ended July 31, 2010, the provision for income taxes was impacted by the current income tax liability of \$6.2 million, a reduction of unrecognized tax benefits of \$8.8 million due to the expiration of the statute of limitations in multiple jurisdictions, an increase in unrecognized tax benefits of \$4.4 million dollars, a decrease of \$1.5 million due a deferred tax asset for employee stock options on a non-U.S. subsidiary, and a \$1.0 million withholding tax on the disposition of an investment.

During the next 12 months, it is reasonably possible that the amount of unrecognized tax benefits could decrease due to potential settlement with tax authorities and the expiration of applicable statutes of limitations. However, the amount cannot be reasonably estimated as the Company will have negotiations with various tax authorities throughout the year.

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

*This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the Securities Act), and Section 21E of the Securities Exchange Act of 1934, as amended (the Exchange Act), which are subject to the safe harbor created by those sections. These statements involve known and unknown risks, uncertainties and other factors, which may cause our actual results to differ materially from those implied by the forward-looking statements. Words such as anticipates, expects, intends, plans, believes, seeks, estimates, can, and similar expressions identify such forward-looking statements. We make a number of forward-looking statements that relate to future periods and include statements relating to our anticipation that the rate of new orders and shipments may vary significantly from quarter to quarter; our expectations regarding industry trends; our expectations regarding our inventory levels; our expectations regarding the amount of our future sales in Asia; our expectations regarding TD handset growth in China; our expectations regarding competition; our expectations relating to the protection of our intellectual property; our expectations regarding the amount of customer concentration in the future; our plans and expectations regarding our auction rate securities; our expectations regarding acquisitions, investments, strategic alliances and joint ventures; our expectations regarding net revenue, cost of goods sold as a percentage of revenue and operating expenses for the third quarter ending October 29, 2011 compared with the second quarter ended July 30, 2011; our expectations regarding the impact of legal proceedings and claims; our expectations regarding the adequacy of our capital resources, capital expenditures, investment requirements and commitments to meet our capital needs for the next 12 months; our ability to attract and retain highly skilled personnel; our expectations regarding the growth in business and operations; our plan regarding forward exchange contracts and the effect of foreign exchange rates; our expectations regarding unrecognized tax benefits; the effect of recent accounting pronouncements and changes in taxation rules; our expectation regarding the effectiveness of our hedges of foreign currency exposures; our expectations that quarterly operating results will fluctuate from quarter to quarter; our expectations regarding the current economic environment; our expectations regarding arrangements with suppliers; our expectations regarding our ability to develop and introduce new products and achieve market acceptance of our products; our expectations regarding pricing; our expectations regarding demand for our products and the impact of seasonality on demand; our expectations regarding defects; our expectations regarding the implementation and improvement of operational and financial systems, as well as the implementation of additional procedures and other internal management systems; our expectations regarding gross margin and the events that may cause gross margin to fluctuate; our expectations to transition our semiconductor products to increasingly smaller line width geometries; our expectations regarding the portion of our operations and sales outside of the United States; our expectations regarding the adequacy of our internal control over financial reporting; our expectations regarding future impairment review of our goodwill and intangible assets; and the anticipated features and benefits of our technology solutions. These forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially from those indicated in the forward-looking statements. Factors that could cause actual results to differ materially from those predicted, include but are not limited to, the impact of international conflict and continued economic volatility in either domestic or foreign markets; our dependence upon the hard disk drive and mobile and wireless markets, which are highly cyclical; our ability to successfully compete in the markets in which we serve; our ability to scale our operations in response to changes in demand for existing or new products and services; our maintenance of an effective system of internal controls; our dependence on a small number of customers; our ability and our customers' ability to develop new and enhanced products; our success in integrating businesses we acquire and the impact such acquisitions may have on our operating results; our ability to estimate customer demand and future sales accurately; the success of our strategic relationships; our reliance on independent foundries and subcontractors for the manufacture, assembly and testing of our products; our ability to manage future growth; the development and evolution of markets for our integrated circuits; our ability to protect our intellectual property; the impact of any change in our application of the United States federal income tax laws and the loss of any beneficial tax treatment that we currently enjoy; the impact of changes in international financial and regulatory conditions; the impact of lengthy and expensive product sales cycles; and the outcome of pending or future litigation and legal proceedings. Additional factors which could cause actual results to differ materially include those set forth in the following discussion, as well as the risks discussed in Part II, Item 1A, Risk Factors, and other sections of this Quarterly Report on Form 10-Q. These forward-looking statements speak only as of the date hereof. Unless required by law, we undertake no obligation to update any forward-looking statements.*

**Overview**

We are a leading global semiconductor provider of high-performance application-specific standard products. Our core strength of expertise is the development of complex System-on-a-Chip (SOC) devices leveraging our extensive technology portfolio of intellectual property in the areas of analog, mixed-signal, digital signal processing and embedded ARM-based microprocessor integrated circuits. We also develop platforms that we define as integrated hardware and software that incorporate digital computing technologies designed and configured to provide an optimized computing solution compared to individual components. Our broad product portfolio includes devices for data storage, enterprise-class Ethernet data switching, Ethernet physical-layer transceivers, handheld cellular, Ethernet-based wireless networking, personal area networking, Ethernet-based PC connectivity, control plane communications controllers, video-image processing and power management solutions. Our products serve diverse applications used in carrier, metropolitan, enterprise and PC-client data communications and storage systems. Additionally, we serve the consumer electronics market for the convergence of voice, video and data applications. We are a fabless integrated circuit company, which means that we rely on independent, third party contractors to perform manufacturing, assembly and test functions. This approach allows us to focus on designing, developing and marketing our products and significantly reduces the amount of capital we need to

invest in manufacturing products.



## **Table of Contents**

An increasing number of our products are being incorporated into consumer electronics products, including smartphones, printers, gaming devices and tablets, which are subject to significant seasonality and fluctuations in demand. Due to holiday and back to school buying trends, we expect these seasonal demand patterns generally will negatively impact our results in the first and fourth quarter and positively impact our results in the second and third quarter of our fiscal years.

A portion of our sales have historically been made on the basis of purchase orders rather than long-term agreements. The sales cycle for our products is long, which may cause us to experience a delay between the time we incur expenses and the time revenue is generated from these expenditures. We anticipate that the rate of new orders may vary significantly from quarter to quarter. Consequently, if anticipated sales and shipments in any quarter do not occur when expected, expenses and inventory levels could be disproportionately high, and our operating results for that quarter and future quarters may be adversely affected.

Our fiscal year is the 52- or 53-week period ending on the Saturday closest to January 31. In a 52-week year, each fiscal quarter consists of 13 weeks. The additional week in a 53-week year is added to the fourth quarter, making such quarter consist of 14 weeks. Fiscal 2012 and fiscal 2011 are comprised of 52-week periods. In this Quarterly Report on Form 10-Q, we refer to the fiscal year ended January 30, 2010 as fiscal 2010, the fiscal year ended January 29, 2011 as fiscal 2011 and the fiscal year ending January 28, 2012 as fiscal 2012.

## **Critical Accounting Policies and Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States ( GAAP ) requires management to make estimates, judgments and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses and related disclosure of contingent assets and liabilities. Actual results could differ from these estimates, and such differences could affect the results of operations reported in future periods. For a description of our critical accounting policies and estimates, please refer to the Critical Accounting Policies and Estimates section of our Management's Discussion and Analysis of Financial Condition and Results of Operations contained in our Annual Report on Form 10-K for the year ended January 29, 2011.

## **Results of Operations**

During the three months ended July 30, 2011, our net revenue grew 12 percent sequentially, with growth in all of our major product lines. Our sales into both the storage and the mobile and wireless end markets experienced double digit sequential revenue increase driven by growth of new products, increased adoption of existing products, and seasonality. Typically, the second and third quarters are seasonally better due to holiday and back to school buying trends, particularly with our products being used in consumer electronics devices, such as gaming devices.

In addition, we also delivered solid profitability with gross margins of 57.9%, operating margins of 21.7% and operating cash flow of \$263 million. Our customer base within the mobile and wireless end market continues to expand, and in the second quarter of fiscal 2012, no single customer in this end market accounted for more than 10% of our net revenue. We are executing well on our new product initiatives and, with increased adoption for our existing products, we expect to continue to generate solid results. As a sign of this confidence, during the second quarter of fiscal 2012, our board of directors authorized us to repurchase up to an additional \$500 million of our outstanding common shares under our share repurchase program, bringing the total authorized amount under the plan to \$1.5 billion. We repurchased and retired approximately nine million shares during the second quarter of fiscal 2012. Under the program, over the past four quarters, we have repurchased and retired over 64 million shares, or nearly 10 percent, of our outstanding common shares.

As we look forward to the third quarter of fiscal 2012, we expect revenue to continue to grow at high single digits sequentially. This sequential growth is largely driven by continued new product growth, increased adoption of existing products, and seasonality. For example, we expect TD handset in China to grow at double digits sequentially and our existing networking products to increase their market presence.

In the near to medium-term, we anticipate modest gross margin pressure driven by several factors. First, gold prices have increased dramatically over the past two years, and the surcharges paid to our assembly vendors have risen as a result. While we are in the process of transitioning our designs to copper instead of gold, this will take some time. Secondly, wafer price discounts have been less than normal and have not kept pace with the price discounts we provide to our customers. Thirdly, we are now bringing to market more products at more expensive new process nodes resulting in a temporary impact to gross margins. Finally, we are also expecting an increase in sales of some lower-margin products especially in high-volume end markets, which is lowering our overall gross margin.

**Table of Contents**

The following table sets forth information derived from our unaudited condensed consolidated statements of operations expressed as a percentage of net revenue:

	Three Months Ended		Six Months Ended	
	July 30, 2011	July 31, 2010	July 30, 2011	July 31, 2010
Net revenue	100.0%	100.0%	100.0%	100.0%
Operating costs and expenses:				
Cost of goods sold	42.1	40.9	41.9	40.6
Research and development	27.8	25.5	29.0	25.5
Selling and marketing	4.5	4.1	4.6	4.3
General and administrative	2.7	2.8	2.9	2.8
Amortization of acquired intangible assets	1.2	2.4	1.4	2.4
Total operating costs and expenses	78.3	75.7	79.8	75.6
Operating income	21.7	24.3	20.2	24.4
Interest and other income, net	0.2	0.5	0.1	0.0
Interest expense	(0.0)	(0.0)	(0.0)	(0.0)
Income before income taxes	21.9	24.8	20.3	24.4
Provision for income taxes	0.5	0.3	0.3	0.1
Net income	21.4%	24.5%	20.0%	24.3%

**Three and Six Months Ended July 30, 2011 and July 31, 2010***Net Revenue*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
Net revenue	\$ 897,520	\$ 896,474	0.1%	\$ 1,699,922	\$ 1,752,053	(3.0)%

Net revenue during the three months ended July 30, 2011 compared to the three months ended July 31, 2010 was approximately flat. Higher storage revenue was mostly offset by a decline in mobile and wireless revenue. The increase in storage revenue was due to the ramp of products at new customers. The decline in mobile and wireless revenue was driven by the reduction in revenue at one of our leading mobile handset customers as it shifted a portion of its product sales to an earlier generation designed prior to our acquisition of this business. The decline was partially offset by the ramp of our mobile SOC products for the TD handset market in China, which we began selling during the three months ended April 30, 2011. Net revenue during the six months ended July 30, 2011 declined by 3% compared to the six months ended July 31, 2010, driven by the decline in revenue from reductions in revenue at one of our leading mobile handset customers.

We currently expect overall net revenue for the three months ending October 29, 2011 to increase moderately from the level for the three months ended July 30, 2011, largely driven by seasonality and the ramp of new products.

Historically, a relatively small number of customers have accounted for a significant portion of our revenue. No distributors accounted for more than 10% of our net revenue for the three and six months ended July 30, 2011 and July 31, 2010. The following table sets forth revenue attributable to end customers comprising 10% or more of our net revenue for the periods indicated:

Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Customer	Three Months Ended		Six Months Ended	
	July 30, 2011	July 31, 2010	July 30, 2011	July 31, 2010
A	21%	19%	21%	23%
B	*	14%	*	20%
C	*	*	*	10%

\* Less than 10% of net revenue

**Table of Contents**

Because we sell our products to many OEM manufacturers who have manufacturing operations located in Asia, a significant percentage of our sales are made to customers located outside of the United States. Sales to customers located in Asia represented 86% and 82% of our net revenue for the three months ended July 30, 2011 and July 31, 2010, respectively and represented 85% and 84% of our net revenue for the six months ended July 30, 2011 and July 31, 2010, respectively. We expect that a significant portion of our net revenue will continue to be represented by sales to our customers in Asia.

*Cost of Goods Sold*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
	(in thousands, except percentage)					
Cost of goods sold	\$ 378,117	\$ 366,682	3.1%	\$ 712,592	\$ 710,667	0.3%
% of net revenue	42.1%	40.9%		41.9%	40.6%	

The increase in cost of goods sold as a percentage of revenue for the three and six months ended July 30, 2011 compared to the three and six months ended July 31, 2010 was primarily driven by the volume and costs of new product tapeouts, as well as higher commodity costs in the assembly and testing of our products. Specifically, the cost of gold has increased significantly, and has impacted our cost of goods sold by approximately 1% of net revenue compared to the prior year. Our cost of goods sold as a percentage of revenue may fluctuate in future periods due to, among other things, changes in the mix of products sold; the timing of production ramps of new products; increased pricing pressures from our customers and competitors, particularly in the consumer product markets that we are targeting; charges for obsolete or potentially excess inventory; changes in the costs charged by our foundry; assembly and test subcontractors; product warranty costs; changes in commodity prices such as gold; and the margin profiles of our new product introductions.

We currently expect cost of goods sold as a percentage of revenue for the three months ending October 29, 2011 to be slightly higher than for the three months ended July 30, 2011 as a result of product mix changes and higher commodity prices.

*Research and Development*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
	(in thousands, except percentage)					
Research and development	\$ 249,604	\$ 228,211	9.4%	\$ 492,141	\$ 447,322	10.0%
% of net revenue	27.8%	25.5%		29.0%	25.5%	

The increase in research and development expense for the three months ended July 30, 2011 compared to the three months ended July 31, 2010 of \$21.4 million was primarily due to a \$22.5 million increase in personnel-related costs as a result of increased headcount and contractor services, net of slightly lower incentive compensation expenses related to lower profitability. The increase was partially offset by a \$1.2 million decrease in restructuring expenses.

The increase in research and development expense for the six months ended July 30, 2011 compared to the six months ended July 31, 2010 of \$44.8 million was primarily due to a \$45.3 million increase in personnel-related costs as a result of increased headcount and contractor services, net of slightly lower incentive compensation expenses.

We currently expect that research and development expense for the three months ending October 29, 2011 will increase moderately from the level of expense reported for the three months ended July 30, 2011.

**Table of Contents***Selling and Marketing*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
	(in thousands, except percentage)					
Selling and marketing	\$ 40,390	\$ 36,863	9.6%	\$ 78,542	\$ 75,286	4.3%
% of net revenue	4.5%	4.1%		4.6%	4.3%	

The increase in selling and marketing expense for the three months ended July 30, 2011 compared to the three months ended July 31, 2010 of \$3.5 million was primarily due to a \$3.3 million increase in personnel-related costs as a result of increased headcount and contractor services, net of slightly lower incentive compensation expenses related to lower profitability.

The increase in selling and marketing expense for the six months ended July 30, 2011 compared to the six months ended July 31, 2010 of \$3.3 million was primarily due to a \$5.5 million increase in personnel-related costs as a result of increased headcount and contractor services, net of slightly lower incentive compensation expenses related to lower profitability. The increase was partially offset by a \$2.4 million decrease in general selling and marketing expense, such as trade show and public relations expenses.

We currently expect that selling and marketing expense for the three months ending October 29, 2011 will be essentially flat from the level of expense reported for the three months ended July 30, 2011.

*General and Administrative*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
	(in thousands, except percentage)					
General and administrative	\$ 23,631	\$ 25,440	(7.1)%	\$ 48,415	\$ 48,548	(0.3)%
% of net revenue	2.7%	2.8%		2.8%	2.8%	

The decrease in general and administrative expense for the three months ended July 30, 2011 compared to the three months ended July 31, 2010 of \$1.8 million was primarily due to lower stock-based compensation expenses of \$1.4 million. The lower stock-based compensation expenses were primarily due to adjustments recorded on certain grants connected to performance targets that we no longer expect to be achieved.

General and administrative expense for the six months ended July 30, 2011 was flat compared to the six months ended July 31, 2010. This was due to lower personnel-related expenses, partially offset by higher facility expense and increased spending on office equipment, including hardware and software.

We currently expect that general and administrative expense for the three months ending October 29, 2011 will increase slightly from the level of expense reported for the three months ended July 30, 2011.

*Amortization of Acquired Intangible Assets*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
	(in thousands, except percentage)					
Amortization of acquired intangible assets	\$ 11,138	\$ 21,214	(47.5)%	\$ 25,479	\$ 43,763	(41.8)%
% of net revenue	1.2%	2.4%		1.4%	2.4%	

The decrease in amortization of acquired intangible assets for the three and six months ended July 30, 2011 compared to the three and six months ended July 31, 2010 was due to intangible assets from certain acquisitions becoming fully amortized.



**Table of Contents***Interest and Other Income, Net*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
	(in thousands, except percentage)					
Interest and other income, net	\$ 2,064	\$ 4,253	(51.5)%	\$ 1,857	\$ 552	236.4%
% of net revenue	0.2%	0.5%		0.1%	0.0%	

The decrease in interest and other income, net, for the three months ended July 30, 2011 compared to the three months ended July 31, 2010 was primarily due to higher currency translation losses, resulting from the weakening of the U.S. dollar during the three months ended July 30, 2011. This was partially offset by gains from sales of investments and higher interest income on investments during the three months ended July 30, 2011. The increase in interest income was driven by a higher rate of return and, to a lesser extent, higher cash and investments balances.

The increase in interest and other income, net, for the six months ended July 30, 2011 compared to the six months ended July 31, 2010 was primarily due to gains from sales of investments and higher interest income on our investments during the six months ended July 30, 2011. The increase in interest income was due to higher average cash and investment balances, as well as a higher rate of return. This was partially offset by higher translation losses due to a significant weakening of the U.S. dollar during the six months ended July 30, 2011.

*Provision for Income Taxes*

	Three Months Ended			Six Months Ended		
	July 30, 2011	July 31, 2010	% Change	July 30, 2011	July 31, 2010	% Change
	(in thousands, except percentage)					
Provision for income taxes	\$ 4,312	\$ 2,499	72.5%	\$ 5,346	\$ 1,383	286.6%
% of net revenue	0.5%	0.3%		0.3%	0.1%	

During the three months ended July 30, 2011 and July 31, 2010, our effective tax rate was 2.2% and 1.1%, respectively. The income tax provision for these periods was affected by non-tax-deductible expenses such as stock-based compensation expense and amortization of acquired intangibles.

During the three months ended July 30, 2011, the provision for income taxes consisted of the current income tax liability of \$4.9 million, a reduction of unrecognized tax benefits of \$2.6 million due to the expiration of the statute of limitations in a non-U.S. jurisdiction and an increase in unrecognized tax benefits of \$1.8 million and the settlement of a non-U.S. audit for \$0.2 million. During the three months ended July 31, 2010 the provision for income taxes was impacted by the current income tax liability of \$3.0 million, a reduction of unrecognized tax benefits of \$2.3 million due to the expiration of the statute of limitations in a non-U.S. jurisdiction, an increase in unrecognized tax benefits of \$2.3 million, a decrease of \$1.5 million due a deferred tax asset for employee stock options on a non-U.S. subsidiary, and a \$1.0 million withholding tax on the disposition of an investment.

During the six months ended July 30, 2011, the provision for income taxes consisted of the current income tax liability of \$8.2 million, a reduction of unrecognized tax benefits of \$6.9 million due to the expiration of the statute of limitations in multiple jurisdictions and an increase in unrecognized tax benefits of \$3.8 million, and a settlement of a non-U.S. audit for \$0.2 million. During the six months ended July 31, 2010 the provision for income taxes was impacted by the current income tax liability of \$6.2 million, a reduction of unrecognized tax benefits of \$8.8 million due to the expiration of the statute of limitations in multiple jurisdictions, an increase in unrecognized tax benefits of \$4.4 million dollars, a decrease of \$1.5 million due a deferred tax asset for employee stock options on a non-U.S. subsidiary, and a \$1.0 million withholding tax on the disposition of an investment.

During the next 12 months, it is reasonably possible that the amount of unrecognized tax benefits could decrease due to potential settlement with tax authorities and the expiration of applicable statutes of limitations. However, the amount cannot be reasonably estimated as we will have negotiations with various tax authorities throughout the year.

**Liquidity and Capital Resources**

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Our principal source of liquidity as of July 30, 2011 consisted of approximately \$2.4 billion of cash, cash equivalents and short-term investments. We believe that our existing cash, cash equivalents and short term investments, together with cash generated from operations, will be sufficient to cover our working capital needs, capital expenditures, investment requirements and commitments for at least the next 12 months.



---

## **Table of Contents**

### ***Net Cash Provided by Operating Activities***

Net cash provided by operating activities was \$440.6 million for the six months ended July 30, 2011. The cash inflows from operations for the six months ended July 30, 2011 were primarily due to \$476.2 million of net income adjusted for non-cash items, offset by changes in assets and liabilities of \$35.6 million.

Significant working capital changes driving cash outflows for the six months ended July 30, 2011 included an increase in inventory of \$76.6 million as we prepared for future shipment increases, a decrease in accrued employee compensation of \$29.3 million due primarily to timing differences in the payment of incentive compensation and payroll taxes, and a decrease in deferred income of \$8.3 million as the inventory levels at our distributors were lower at the end of the second quarter of fiscal 2012. Working capital changes contributing to positive cash flows included a decrease in accounts receivable of \$53.6 million due to the more linear shipment patterns during the three months ended July 30, 2011 compared to the three months ended January 29, 2011.

Net cash provided by operating activities was \$574.8 million for the six months ended July 31, 2010. The cash inflows from operations in the six months ended July 31, 2010 were primarily due to \$575.0 million of net income adjusted for non-cash items. Increases in working capital during the six months ended July 31, 2010 included an increase in accounts payable of \$102.1 million, due primarily to the timing of inventory receipts. Deferred income increased by \$26.6 million, due primarily to increases in deferrals related to our module business and our distributors increasing inventory levels in anticipation of increased sales to their end customers. These increases were partially offset by an increase in accounts receivable of \$134.0 million, due to higher levels of revenue and seasonal patterns.

### ***Net Cash Used in Investing Activities***

Net cash used in investing activities was \$526.7 million for the six months ended July 30, 2011 compared to \$429.9 million for the six months ended July 31, 2010. The net cash used in investing activities in the six months ended July 30, 2011 was primarily due to net purchases of investments of \$458.8 million. In addition, we paid \$42.2 million for the purchase of property and equipment, \$16.8 million for an acquisition and \$6.6 million for technology licenses.

The net cash used for the six months ended July 31, 2010 was primarily due to the net purchase of investments of \$363.1 million, payment of \$20.7 million for an acquisition, purchases of property and equipment of \$39.3 million and purchases of technology licenses for \$6.8 million.

### ***Net Cash Provided by (Used in) Financing Activities***

Net cash used in financing activities was \$898.0 million for the six months ended July 30, 2011 compared to net cash provided by financing activity of \$79.8 million for the six months ended July 31, 2010. For the six months ended July 30, 2011, net cash used in financing activities was primarily attributable to repurchases under our stock repurchase program of 59.4 million shares. The cash outflow was partially offset by \$41.8 million of proceeds from the issuance of common shares under our stock option and employee stock purchase plans. For the six months ended July 31, 2010, net cash provided by financing activities was primarily attributable to proceeds from the issuance of common shares under our stock option and employee stock purchase plans.

### ***Off-Balance Sheet Arrangements***

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

### ***Recent Accounting Pronouncements and Accounting Changes***

Refer to Note 2 Recent Accounting Pronouncements and Accounting Changes in Part 1, Item 1 of this Form 10-Q.

### ***Contractual Obligations***

We presented our contractual obligations at January 29, 2011 in our Annual Report on Form 10-K for the fiscal year then ended. There has been no material changes outside the ordinary course of business in those obligations during three months ended July 30, 2011.

### ***Item 3. Quantitative and Qualitative Disclosures About Market Risk***

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

*Interest Rate Risk.* Our interest rate risk relates primarily to our fixed income short-term investment portfolio as we did not have any outstanding debt as of July 30, 2011. We maintain an investment policy that requires minimum credit ratings, diversification of credit risk and limits the long-term interest rate risk by requiring maturities of less than five years. We invest our excess cash primarily in highly liquid debt instruments of the U.S. government and its agencies, time deposits, money market mutual funds, and corporate debt securities. These investments are generally classified as available-for-sale and, consequently, are recorded on our balance sheets at fair market value with their related unrealized gain or loss reflected as a component of accumulated other comprehensive income in shareholders' equity. Investments in both fixed rate and floating rate interest earning securities carry a degree of interest rate risk. Fixed rate securities may have their fair market value adversely impacted due to a rise in interest rates, while floating rate securities may produce less income than predicted if interest rates fall.

---

**Table of Contents**

To provide an assessment of the interest rate risk associated with our investment portfolio, we performed a sensitivity analysis to determine the impact that an adverse change in interest rates would have on the value of the investment portfolio. Based on investment positions as of July 30, 2011, a hypothetical 100 basis point increase in interest rates across all maturities would result in a \$15.2 million incremental decline in the fair market value of the portfolio. Due to our positive cash flow from operations, the relatively short-term nature of our investment portfolio and our ability to hold investments to maturity, such change in fair market value would likely not have resulted in any cash flow impact.

As of July 30, 2011, our investment portfolio included \$27.7 million in par value of auction rate securities. Beginning in February 2008, liquidity issues in the global credit markets resulted in a failure of auction rate securities, as the amount of securities submitted for sale in those auctions exceeded the amount of bids. To estimate the fair value of the auction rate securities since that time, we have used a discounted cash flow model based on estimated timing and amount of future interest and principal payments, credit quality of the underlying securities and liquidity considerations, the collateralization of underlying security investments, the credit worthiness of the issuer of the securities, the probability of full repayment and other considerations. As of July 30, 2011, the fair value of auction rate securities was \$1.6 million less than par value and recorded in long-term investments.

Based on our balance of approximately \$2.4 billion in cash, cash equivalents and short-term investments and the fact that we continue to generate positive cash flow on a quarterly basis, we do not anticipate having to sell these securities below par value in order to operate our business. We do not have the intent to sell these auction rate securities until recovery and it is more likely than not that we will not be required to sell the auction rate securities prior to recovery. Thus we consider the impairment to be temporary and recorded the unrealized loss to accumulated other comprehensive income (loss), a component of shareholders' equity.

*Investment Risk.* We invest in equity instruments of privately held companies for strategic purposes. We account these investments under the cost method when we do not have the ability to exercise significant influence or the control over the operations of these companies and under the equity method when we have the ability to exercise significant influence, but do not have the control. Carrying value of these equity investments was \$5.9 million at July 30, 2011, and were included in other non-current assets in our balance sheets. We monitor these investments for impairment and make appropriate reductions in carrying value when an impairment is deemed to be other-than-temporary.

*Commodity Price Risk.* We are subject to risk from fluctuating market prices of certain commodity raw materials, particularly gold, that are incorporated into our end products. Supplies for such commodities may from time-to-time become restricted, or general market factors and conditions may affect the pricing of such commodities. Over the past few years, the price of gold increased significantly and certain of our supply chain partners assess surcharges to compensate for the rising commodity prices. Specifically, the cost of gold has increased significantly and has impacted our cost of goods sold as a percentage of net revenue in the three and six months ended July 30, 2011 by approximately 1% of net revenue as compared to the three and six months ended July 31, 2010. We are currently restructuring certain manufacturing processes to use copper instead of gold in our products. While we continue to attempt to mitigate the risk of similar increases in commodities-related costs, there can be no assurance that we will be able to successfully safeguard against potential short-term and long-term commodities price fluctuations. We do not enter into formal hedging arrangements to mitigate against commodity risk.

*Foreign Currency Exchange Risk.* Substantially all of our sales and the majority of our expenses are denominated in U.S. dollars. Since we operate in many countries, we pay certain payroll and other operating expenses in local currencies and these expenses may be higher or lower in U.S. dollar terms. Furthermore, our operation in Israel represents a large portion of our total foreign currency exposure. We may also hold certain assets and liabilities, including potential tax liabilities in local currency on our balance sheet. These tax liabilities would be settled in local currency. Therefore, foreign exchange gains and losses from remeasuring the tax liabilities are recorded to other income and expense. The related effects of foreign exchange fluctuations on local currency expenses are recorded to operating expenses. Significant fluctuations in exchange rates in countries where we incur expenses or record assets or liabilities in local currency could affect our business and operating results in the future. There is also a risk that our customers may be negatively impacted in their ability to purchase our products priced in U.S. dollars when there has been significant volatility in foreign currency exchange rates.

We engage in hedging transactions to help mitigate some of the volatility to forecasted cash flows due to changes in foreign exchange rates, and in particular hedge a portion of the forecasted Israeli Shekel expenses. We enter into short-term forward exchange contracts, typically less than 12 months in duration, to hedge exposures for expenses and purchases denominated in foreign currencies when the currency exposure is significant and there is a high certainty of the underlying cash flow. We do not enter into derivative financial instruments for trading or speculative purposes. We may choose not to hedge certain foreign exchange exposures due to immateriality, offsetting exposures, prohibitive economic cost of hedging a particular currency, and limited availability of appropriate hedging instruments. To the extent our foreign currency hedges are effective, the results of the hedge activities offset the underlying expense within the operating expense. De-designated hedges or hedges deemed ineffective are recorded in other income and expense. We do not hedge our tax liabilities denominated in local currency on our balance sheet as the timing of these tax liabilities becoming cash flows is not deemed to be certain.



## **Table of Contents**

To provide an assessment of the foreign currency exchange risk associated with our foreign currency exposures within operating expense, we performed a sensitivity analysis to determine the impact that an adverse change in exchange rates would have on our financial statements. If the U.S. dollar weakened by 10%, our operating expense could increase by 3.1%. We expect our hedges of foreign currency exposures to be highly effective and offset a significant portion of the short-term impact of changes in exchange rates.

### **Item 4. Controls and Procedures**

#### **Management's Evaluation of Disclosure Controls and Procedures**

Our management, with the participation of our Chief Executive Officer and our Chief Financial Officer, has evaluated the effectiveness of our disclosure controls and procedures (as defined in Rule 13a-15(e) of the Exchange Act). Our disclosure controls and procedures are designed to ensure that information required to be disclosed is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the Securities and Exchange Commission ( SEC ) and that such information is accumulated and communicated to management, including the Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure. Based on this evaluation, our Chief Executive Officer and Chief Financial Officer concluded that, as of July 30, 2011, our disclosure controls and procedures were effective.

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

There were no changes in our internal control over financial reporting during the three months ended July 30, 2011 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

#### **Limitation on Effectiveness of Controls**

It should be noted that any system of controls, however well designed and operated, can provide only reasonable, and not absolute, assurance that the objectives of the system are met. The design of any control system is based, in part, upon the benefits of the control system relative to its costs. Control systems can be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the control. In addition, over time, controls may become inadequate because of changes in conditions, or the degree of compliance with the policies and procedures may deteriorate. In addition, the design of any control system is based in part upon certain assumptions about the likelihood of future events.

**Table of Contents**

**PART II. OTHER INFORMATION**

**Item 1. Legal Proceedings**

The information set forth under Note 9 Commitments and Contingencies of our notes to unaudited condensed consolidated financial statements, included in Part I, Item 1, is incorporated herein by reference. For additional discussion of certain risks associated with legal proceedings, see Part II, Item 1A, Risk Factors, immediately below.

**Item 1A. Risk Factors**

*Before deciding to purchase, hold or sell our common shares, you should carefully consider the risks described below in addition to the other cautionary statements and risks described elsewhere and the other information contained in this Quarterly Report on Form 10-Q and in our other filings with the SEC, including our Annual Report on Form 10-K for the year ended January 29, 2011 and subsequent reports on Forms 10-Q and 8-K. Many of these risks and uncertainties are beyond our control, including business cycles and seasonal trends of the computing, semiconductor and related industries.*

***Our financial condition and results of operations may vary from quarter to quarter, which may cause the price of our common shares to decline.***

Our quarterly results of operations have fluctuated in the past and could do so in the future. Because our results of operations are difficult to predict, you should not rely on quarterly comparisons of our results of operations as an indication of our future performance.

Fluctuations in our results of operations may be due to a number of factors, including, but not limited to, those listed below and those identified throughout this Risk Factors section:

changes in general economic and political conditions and specific conditions in the markets we address, including the continuing volatility in the technology sector and semiconductor industry, and current general economic volatility;

our ability to develop and introduce new and enhanced products in a timely and effective manner;

cancellations, rescheduling or deferrals of significant customer orders or shipments;

our dependence on a few customers for a significant portion of our revenue;

our ability to scale our operations in response to changes in demand for our existing products or demand for new products requested by our customers;

gain or loss of a key customer or design win;

seasonality in sales of consumer devices in which our products are incorporated;

our ability to maintain a competitive cost structure for our manufacturing and assembly and test processes;

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

increases in assembly costs due to commodity price increases, such as the price of gold;

failure to qualify our products or our suppliers manufacturing lines;

our ability to exercise stringent quality control measures to obtain high yields;

our ability to anticipate and adapt to changes in technology and evolving industry standards and our customers changing demands;

our ability to successfully transition to smaller geometry process technologies or achieve higher levels of design integration;

effective and timely update of equipment and facilities as required for leading edge production capabilities;

our ability to attract and retain highly skilled managerial, engineering, sales and marketing personnel;

## Table of Contents

failure to protect our intellectual property;

impact of a significant natural disaster, including earthquakes, floods and tsunamis; and

any current and future litigation that could result in substantial costs and a diversion of management's attention and resources that are needed to successfully maintain and grow our business.

Due to fluctuations in our quarterly results of operations and other factors, the price at which our common shares will trade is likely to continue to be highly volatile. In future periods, our stock price could decline if, amongst other factors, our revenues or operating results are below our estimates or the estimates or expectations of public market analysts and investors. On average, technology companies have been subject to a greater number of securities class action claims than companies in many other industries as a result of stock price volatility. If our stock price is volatile, we may become involved in this type of litigation. Any litigation could result in substantial costs and a diversion of management's attention and resources that are needed to successfully maintain and grow our business.

***Our business, financial condition and results of operations may be adversely impacted by global economic conditions, which may cause a decline in the market price of our common shares.***

We operate in the semiconductor industry, which is cyclical and subject to rapid change and evolving industry standards. From time to time, this industry has experienced significant demand downturns. These downturns are characterized by decreases in product demand, excess customer inventories and sometimes accelerated erosion of prices. These factors could cause substantial fluctuations in our net revenue, gross margin, cash flows and results of operations. In addition, during these downturns some competitors may become more aggressive in their pricing practices, which would adversely impact our gross margin. Any downturns in the current environment may be severe and prolonged, and any failure of the markets in which we operate to fully recover from downturns could seriously impact our revenue and harm our business, financial condition and results of operations. The semiconductor industry is also subject to periodic increases in demand and supply constraints, which may affect our ability to ship products. Accordingly, our results of operations may vary significantly as a result of the general conditions in the semiconductor industry, which could cause fluctuations in our stock price.

The global credit and financial markets have experienced and in some cases continue to experience extreme volatility and disruptions, including severely diminished liquidity and credit availability, increased concerns about inflation and deflation and the downgrade of U.S. debt and exposure risks on other sovereign debts, decreased consumer confidence, lower economic growth, volatile energy costs, increased unemployment rates, and uncertainty about economic stability. We cannot predict the timing, strength or duration of any economic slowdown or subsequent global economic recovery in the hard disk drive or in the semiconductor industry. If the economy or markets in which we operate deteriorate from current levels, our business, financial condition and results of operations will likely be materially and adversely affected. Additionally, the combination of our lengthy sales cycle coupled with challenging macroeconomic conditions could adversely impact our results of operations.

***A significant portion of our business is dependent on the hard disk drive industry, which is highly cyclical, experiences rapid technological change, is subject to industry consolidation and is facing increased competition from alternative technologies.***

The hard disk drive industry is intensely competitive, and the technology changes rapidly. This industry has historically been cyclical, with periods of increased demand and rapid growth followed by periods of oversupply and subsequent contraction. These cycles may affect us because some of our customers are participants in this industry.

Hard disk drive manufacturers tend to order more components than they may need during growth periods, and sharply reduce orders for components during periods of contraction. Rapid technological changes in the hard disk drive industry often result in shifts in market share among the industry's participants. If the hard disk drive manufacturers using our products do not retain or increase their market share, our sales may decrease.

In addition, the hard disk drive industry has experienced consolidation over the past several years. For example, during fiscal 2010, Toshiba acquired the hard disk drive operations of Fujitsu. In March 2011, Western Digital announced that it plans to acquire Hitachi's hard disk drive unit; and in April 2011, Seagate announced that it plans to acquire Samsung's hard disk drive unit. Consolidation among our customers could lead to changing demand for our products, replacement of our products by the merged entity with those of our competitors and cancellation of orders, each of which could harm our results of operations. On the other hand, this could lead to increased opportunities for our products within the combined company if we can leverage our technology and customer relationships.



## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Furthermore, future changes in the nature of information storage products could reduce demand for traditional hard disk drives. For example, products using alternative technologies, such as solid-state flash drives and other storage technologies could become a source of competition to manufacturers of hard disk drives. We offer solid state drive controllers, leveraging our technology in hard drives, and believe we will maintain significant market share in this market segment.

---

**Table of Contents**

***We operate in the intensely competitive mobile and wireless communications markets, and our failure to compete effectively would harm our results of operations.***

The semiconductor industry and specifically the mobile and wireless communications markets are extremely competitive, and we expect competition to intensify as current competitors expand their product offerings and new competitors enter the market. We currently compete with a number of large domestic and international companies in the business of designing integrated circuits and related applications, some of which have greater financial, technical and management resources than us. We expect competition to continue to increase as industry standards continue to evolve and become better known, and others realize the market potential of wired and wireless products and services. As competition in the markets in which we operate continues to increase, our revenues and gross margins may be harmed. For example, competitors with greater financial resources may be able to offer lower prices than us, or they may offer additional products, services or other incentives that we may not be able to match. In addition, many of our competitors operate and maintain their own fabrication facilities and have longer operating histories, greater name recognition, larger customer bases, and greater sales, marketing and distribution resources than we do. Furthermore, our current and potential competitors in the mobile and wireless markets have established or may establish financial and strategic relationships among themselves or with existing or potential customers or other third parties to increase the ability of their products to address the needs of customers. Accordingly, new competitors or alliances among these competitors may acquire significant market share, which would harm our business. While we continue to pursue similar strategic relationships, and currently have significant financial and technical resources, we cannot assure you that we will be able to continue to compete successfully against existing or new competitors, which would harm our results of operations.

***If we are unable to develop and introduce new and enhanced products that achieve market acceptance in a timely and cost-effective manner, our results of operations and competitive position will be harmed.***

Our future success will depend on our ability, in a timely and cost-effective manner, to develop and introduce new products and enhancements to our existing products. We must also achieve market acceptance for these products and enhancements. If we do not successfully develop and achieve market acceptance for new and enhanced products, our ability to maintain or increase revenues will suffer. The development of new silicon devices is highly complex, and due to supply chain cross-dependencies and other issues, we may experience delays in completing the development, production and introduction of our new products. In addition, the success of our business also depends on market acceptance of new consumer products and technologies, which contain our products. Even if new and enhanced products are introduced to the market, we may not be able to achieve market acceptance of them in a timely manner.

In addition, our longstanding relationships with some of our larger customers may also deter other potential customers who compete with these customers from buying our products. To attract new customers or retain existing customers, we may offer certain customers certain price concessions, which could cause our average selling prices and gross margins to decline.

***We rely on independent foundries and subcontractors for the manufacture, assembly and testing of our integrated circuit products, and the failure of any of these third party vendors to deliver products or otherwise perform as requested could damage our relationships with our customers, decrease our sales and limit our growth.***

We do not have our own manufacturing or assembly facilities and have very limited in-house testing facilities. Therefore, we currently rely on several third party foundries to produce our integrated circuit products. We also currently rely on several third party assembly and test subcontractors to assemble, package and test our products. This exposes us to a variety of risks, including the following:

*Regional Concentration:*

Substantially all of our products are manufactured by third party foundries located in Taiwan. Currently, our alternative manufacturing sources are located in China and Singapore. In addition, substantially all of our assembly and testing facilities are located in Singapore, Taiwan, Malaysia and the Philippines. Because of the geographic concentration of these third party foundries, as well as our assembly and test subcontractors, we are exposed to the risk that their operations may be disrupted by regional disasters or by political changes. For example, the risk of an earthquake in Taiwan and elsewhere in the Pacific Rim region is significant due to the proximity of major earthquake fault lines to the facilities of our foundries and assembly and test subcontractors. Taiwan has experienced significant earthquakes in the past and may be subject to additional earthquakes that could disrupt manufacturing operations. In addition, the resurgence of severe acute respiratory syndrome, the outbreak of avian flu and any similar future outbreaks in Asia, where these foundries are located, could affect the production capabilities of our manufacturers by resulting in quarantines or closures. In the event of a significant natural disaster or a quarantine or closure that affects our manufacturers in the Pacific Rim, our revenues, cost of goods sold and results of operations would be negatively impacted. In addition, if we were unable to quickly identify alternate manufacturing facilities, we could experience significant delays in product shipments.



## **Table of Contents**

### *No Guarantee of Capacity or Supply:*

The ability of each foundry to provide us with semiconductor devices is limited by its available capacity and existing obligations. In addition, when demand is strong, availability of foundry capacity may be constrained, and with limited exceptions, our vendors are not obligated to perform services or supply products to us for any specific period, in any specific quantities, or at any specific price, except as may be provided in a particular purchase order. For example, in recent years, we experienced some supply shortages due to the difficulties encountered by the foundries in rapidly increasing their production capacities from low utilization levels to the high utilization levels required due to a rapid increase in demand. Although we have entered into contractual commitments to supply specified levels of products to some of our customers, we may not have sufficient levels of production capacity with all of our foundries, despite signing an agreement with a foundry to reserve and secure foundry fabrication capacity for a fixed number of wafers. Despite this agreement, foundry capacity may not be available when we need it or at reasonable prices. We place our orders on the basis of our customers' purchase orders or our forecast of customer demand, and the foundries can allocate capacity to the production of other companies' products and reduce deliveries to us on short notice. It is possible that foundry customers that are larger and better financed than we are or that have long-term agreements with our main foundries may induce our foundries to reallocate capacity to those customers. This reallocation could impair our ability to secure the supply of components that we need. Moreover, if any of our third party foundry suppliers are unable to secure necessary raw materials from their suppliers, lose benefits under material agreements, experience power outages, lack sufficient capacity to manufacture our products, encounter financial difficulties or suffer any other disruption or reduction in efficiency, we may encounter supply delays or disruptions, which could harm our business or results of operations.

Although we use several independent foundries to manufacture our semiconductor products, most of our components are not manufactured at more than one foundry at any given time, and our products typically are designed to be manufactured in a specific process at only one of these foundries. Accordingly, if one of our foundries is unable to provide us with components as needed, it may be difficult for us to transition the manufacture of our products to other foundries, and we could experience significant delays in securing sufficient supplies of those components. This could result in a material decline in revenues, net income and cash flow.

In order to secure sufficient foundry capacity when demand is high and mitigate the risks described in the foregoing paragraph, we may enter into various arrangements with suppliers that could be costly and harm our results of operations, such as non-refundable deposits with or loans to foundries in exchange for capacity commitments, and contracts that commit us to purchase specified quantities of integrated circuits over extended periods. We may not be able to make any such arrangement in a timely fashion or at all, and any arrangements may be costly, reduce our financial flexibility, and not be on terms favorable to us. Moreover, if we are able to secure foundry capacity, we may be obligated to use all of that capacity or incur penalties. These penalties may be expensive and could harm our financial results.

We are also subject to risk from fluctuating market prices of certain commodity raw materials, particularly gold, that are incorporated into our end products or used by our suppliers to manufacture our end products. Supplies for such commodities may from time-to-time become restricted, or general market factors and conditions may affect pricing of such commodities. Over the past few years, the price of gold increased significantly and certain of our supply chain partners assess surcharges to compensate for the resultant increase in manufacturing costs. As a result, our gross margins may be adversely affected by significant increases in the price of gold. We are currently restructuring certain manufacturing processes to use copper instead of gold in our products. In transitioning from gold to copper, because the capacity of either wafer producers or assemblers can be limited from time to time, we may be unable to satisfy the demand of our customers, or may have to accept price increases or other compensation arrangements that increase our operating expenses and erode our gross margins. Our results may also be materially affected adversely if we fail to execute successfully or if we experience resistance from our customer base in the transition from gold to copper.

### *Uncertain Yields and Quality:*

The fabrication of integrated circuits is a complex and technically demanding process. Our foundries have from time to time experienced manufacturing defects and reduced manufacturing yields. Changes in manufacturing processes or the inadvertent use of defective or contaminated materials by our foundries could result in lower than anticipated manufacturing yields or unacceptable performance. Many of these problems are difficult to detect at an early stage of the manufacturing process and may be time consuming and expensive to correct. Poor yields from our foundries, or defects, integration issues or other performance problems in our products could cause us significant customer relations and business reputation problems, harm our financial results and result in financial or other damages to our customers. Our customers could also seek damages from us for their losses. A product liability claim brought against us, even if unsuccessful, would likely be time consuming and costly to defend. In addition, defects in our existing or new products could result in significant warranty, support and repair costs, and divert the attention of our engineering personnel from our product development efforts.

To the extent that we rely on outside suppliers to manufacture or assemble and test our products, we may have a reduced ability to control directly product delivery schedules and quality assurance. This lack of control may result in product shortages or quality assurance problems that could delay shipments of products or increase manufacturing, assembly, testing or other costs.



## **Table of Contents**

*Our sales are concentrated in a few customers, and if we lose or experience a significant reduction in sales to any of these key customers, or if any of these key customers experience a significant decline in market share, our revenues may decrease substantially.*

We receive a significant amount of our revenues from a limited number of customers. For the six months ended July 30, 2011, one customer accounted for a total of approximately 21% of our net revenue. Sales to our largest customers have fluctuated significantly from period to period primarily due to the timing and number of design wins with each customer, as well as the continued diversification of our customer base as we expand into new markets, and will likely continue to fluctuate dramatically in the future. The loss of any of our large customers or a significant reduction in sales we make to them would likely harm our financial condition and results of operations. Our operating results in the foreseeable future will continue to depend on sales to a relatively small number of customers, as well as the ability of these customers to sell products that incorporate our products. In the future, these customers may decide not to purchase our products at all, purchase fewer products than they did in the past, or alter their purchasing patterns in some other way, particularly because:

substantially all of our sales are made on a purchase order basis, which permits our customers to cancel, change or delay product purchase commitments with little or no notice to us and without penalty;

our customers may purchase integrated circuits from our competitors;

our customers may discontinue sales or lose market share in the markets for which they purchase our products; or

our customers may develop their own solutions.

*We are subject to order and shipment uncertainties, and if we are unable to accurately predict customer demand, we may hold excess or obsolete inventory, which would reduce our gross margin; conversely, we may have insufficient inventory, which would result in lost revenue opportunities and potentially in loss of market share and damaged customer relationships.*

We typically sell products pursuant to purchase orders rather than long-term purchase commitments. Customers can generally cancel or defer purchase orders on short notice without incurring a significant penalty. In the recent past, some of our customers have developed excess inventories of their own products and have, as a consequence, deferred purchases of our products. We cannot accurately predict what or how many products our customers will need in the future. Anticipating demand is difficult because our customers face unpredictable demand for their own products and are increasingly focused more on cash preservation and tighter inventory management. In addition, as an increasing number of our chips are being incorporated into consumer products, we anticipate greater fluctuations in demand for our products, which makes it more difficult to forecast customer demand. We place orders with our suppliers based on forecasts of customer demand and, in some instances, may establish buffer inventories to accommodate anticipated demand. Our forecasts are based on multiple assumptions, each of which may introduce error into our estimates. For example, our ability to accurately forecast customer demand may be impaired by the delays inherent in our lengthy sales cycle. The sales cycle for many of our products is long and requires us to invest significant resources with each potential customer without any assurance of sales to that customer. Our sales cycle typically begins with an extended evaluation and test period, also known as qualification, during which our products undergo rigorous reliability testing by our customers. Qualification is typically followed by an extended development period by our customers and an additional three to nine month period before a customer commences volume production of equipment incorporating our products. This lengthy sales cycle creates the risk that our customers will decide to cancel or change product plans for products incorporating our integrated circuits prior to completion, which makes it even more difficult to forecast customer demand.

Our products are incorporated into complex devices and systems, which may create supply chain cross-dependencies. Accordingly, supply chain disruptions affecting components of our customers' devices and/or systems that we sell into could negatively impact the demand for our products, even if the supply of our products is not directly affected.

If we overestimate customer demand, we may allocate resources to manufacturing products that we may not be able to sell when we expect to, if at all. As a result, we would hold excess or obsolete inventory, which would reduce our gross margin and adversely affect our financial results. Conversely, if we underestimate customer demand or if insufficient manufacturing capacity is available, we would miss revenue opportunities and potentially lose market share and damage our customer relationships. In addition, any future significant cancellations or deferrals of product orders or the return of previously sold products could materially and adversely affect our profit margins, increase product obsolescence and restrict our ability to fund our operations.

*If we fail to appropriately scale our operations in response to changes in demand for our existing products or to the demand for new products requested by our customers, our business and profitability could be materially and adversely affected.*

To achieve our business objectives, it may be necessary from time to time for us to expand or contract our operations. In the future, we may not be able to scale our workforce and operations in a sufficiently timely manner to respond effectively to changes in demand for our existing products or to the demand for new products requested by our customers. In that event, we may be unable to meet competitive

---

## **Table of Contents**

challenges or exploit potential market opportunities, and our current or future business could be materially and adversely affected. Conversely, if we expand our operations and workforce too rapidly in anticipation of increased demand for our products, and such demand does not materialize at the pace at which we expected, the rate of increase in our costs and operating expenses may exceed the rate of increase in our revenue, which would adversely affect our results of operations. In addition, if such demand does not materialize at the pace which we expect, we may be required to scale down our business through expense and headcount reductions as well as facility consolidations or closures that could result in restructuring charges that would materially and adversely affect our results of operations. For example, in order to reduce expenses in the challenging economic environment that began during the second half of fiscal 2009, in late fiscal 2009 and early in fiscal 2010, we implemented certain cost reduction measures to reduce operating expenses. Because many of our expenses are fixed in the short-term or are incurred in advance of anticipated sales, we may not be able to decrease our expenses in a timely manner to offset any decrease in customer demand. If customer demand does not increase as anticipated, our profitability could be adversely affected due to our higher expense levels.

Our past growth has placed, and any future long-term growth is expected to continue to place, a significant strain on our management personnel, systems and resources. To implement our current business and product plans, we will need to continue to expand, train, manage and motivate our workforce. All of these endeavors will require substantial management effort. Although we have an enterprise resource planning system to help us improve our planning and management processes, we anticipate that we will also need to continue to implement and improve a variety of new and upgraded operational and financial systems, as well as additional procedures and other internal management systems. These systems can be time consuming and expensive to implement, increase management responsibilities and divert management attention. If we are unable to effectively manage our expanding operations, we may be unable to scale our business quickly enough to meet competitive challenges or exploit potential market opportunities, or conversely, we may scale our business too quickly and the rate of increase in our costs and expenses may exceed the rate of increase in our revenue, either of which would materially and adversely affect our results of operations.

### ***Costs related to defective products could have a material adverse effect on us.***

We have experienced, from time to time, hardware and software defects and bugs associated with the introduction of our highly complex products. We cannot assure you that, despite our testing procedures, errors will not be found in new products or releases after commencement of commercial shipments in the future, which could result in loss of or delay in market acceptance of our products, material recall and replacement costs, delay in revenue recognition or loss of revenues, writing down the inventory of defective products, the diversion of the attention of our engineering personnel from product development efforts, our having to defend against litigation related to defective products or related property damage or personal injury, and damage to our reputation in the industry that could adversely affect our relationships with our customers. In addition, we may have difficulty identifying the end customers of the defective products in the field. As a result, we could incur substantial costs to implement modifications to correct defects. Any of these problems could materially adversely affect us.

### ***We must keep pace with rapid technological change and evolving industry standards in the semiconductor industry to remain competitive.***

Our future success will depend on our ability to anticipate and adapt to changes in technology and evolving industry standards. We sell products in markets that are characterized by rapid technological change, evolving industry standards, frequent new product introductions, short product life cycles and increasing demand for higher levels of integration and smaller process geometries. Our past sales and profitability have resulted, to a large extent, from our ability to anticipate changes in technology and industry standards and to develop and introduce new and enhanced products incorporating the new standards and technologies. Our ability to adapt to these changes and to anticipate future standards, and the rate of adoption and acceptance of those standards, will be a significant factor in maintaining or improving our competitive position and prospects for growth. If new industry standards emerge that we do not properly anticipate, our products or our customers' products could become unmarketable or obsolete, and we could lose market share. We may also have to incur substantial unanticipated costs to comply with these new standards. In addition, our target markets continue to undergo rapid growth and consolidation. A significant slowdown in any of these markets could materially and adversely affect our business, financial condition and results of operations. Our success will also depend on the ability of our customers to develop new products and enhance existing products for the markets they serve and to introduce and promote those products successfully.

### ***Our gross margin and results of operations may be adversely affected in the future by a number of factors, including decreases in average selling prices of products over time and shifts in our product mix.***

The products we develop and sell are primarily used for high volume applications. As a result, the prices of those products have historically decreased rapidly. In addition, more recently introduced products tend to have higher associated costs because of initial overall development and production ramp. We may not be able to maintain or improve our gross margins. Our financial results could suffer if we are unable to offset any reductions in our average selling prices by other cost reductions through efficiencies and other means.

Moreover, because of the wide price differences across the markets we serve, the mix and types of performance capabilities of our products sold may affect the average selling prices of our products and have a substantial impact on our revenue and gross margin. Fluctuations in the mix and



types of our products may also affect the extent to which we are able to recover the fixed costs and investments associated with a particular product, and as a result can harm our financial results.

## **Table of Contents**

Additionally, because we do not operate our own manufacturing, assembly or testing facilities, we may not be able to reduce our costs as rapidly as companies that operate their own facilities, and our costs may even increase, which could also reduce our gross margins. In the past, we have reduced the average selling prices of our products in anticipation of future competitive pricing pressures, new product introductions by us or by our competitors and other factors. We expect that we will have to do so again in the future.

*We may experience difficulties in transitioning to smaller geometry process technologies or in achieving higher levels of design integration, which may result in reduced manufacturing yields, delays in product deliveries and increased expenses.*

In order to remain competitive, we expect to continue to transition our semiconductor products to increasingly smaller line width geometries. This transition requires us to modify the manufacturing processes for our products and to redesign some products. We periodically evaluate the benefits, on a product-by-product basis, of migrating to smaller geometry process technologies to reduce our costs. In the past, we have experienced some difficulties in shifting to smaller geometry process technologies or new manufacturing processes, which resulted in reduced manufacturing yields, delays in product deliveries and increased expenses. We may face similar difficulties, delays and expenses as we continue to transition our products to smaller geometry processes. We are dependent on our relationships with our foundry subcontractors to transition to smaller geometry processes successfully. We cannot assure you that the foundries that we use will be able to effectively manage the transition or that we will be able to maintain our existing foundry relationships or develop new ones. If we or any of our foundry subcontractors experience significant delays in this transition or fail to efficiently implement this transition, we could experience reduced manufacturing yields, delays in product deliveries and increased expenses, all of which could harm our relationships with our customers and our results of operations. As smaller geometry processes become more prevalent, we expect to continue to integrate greater levels of functionality, as well as customer and third party intellectual property, into our products. However, we may not be able to achieve higher levels of design integration or deliver new integrated products on a timely basis, if at all. Moreover, even if we are able to achieve higher levels of design integration, such integration may have a short-term adverse impact on our results of operations, as we may reduce our revenue by integrating the functionality of multiple chips into a single chip.

*As a result of our global operations, we face foreign business, political, economic and exchange rate risks, which may harm our results of operations, because a majority of our products and our customers' products are manufactured and sold outside of the United States.*

A substantial portion of our business is conducted outside of the United States and, as a result, we are subject to foreign business, political and economic risks. All of our products are manufactured outside of the United States. Our current qualified integrated circuit foundries are located in the same region within Taiwan, and our primary assembly and test subcontractors are located in the Pacific Rim region. In addition, many of our customers are located outside of the United States, primarily in Asia, which further exposes us to foreign risks. Sales to customers located in Asia represented approximately 85% of our net revenue in the six months ended July 30, 2011, 81% of our net revenue in fiscal 2011 and 89% of our net revenue in fiscal 2010.

As of July 30, 2011, we had substantial operations outside of the U.S. These operations are directly influenced by the political and economic conditions, as well as possible military hostilities that could affect our operations in Israel. We anticipate that our manufacturing, assembly, testing and sales outside of the United States will continue to account for a substantial portion of our operations and revenue in future periods. Accordingly, we are subject to risks associated with international operations, including:

political, social and economic instability, including wars, terrorism, other hostilities and political unrest, boycotts, curtailment of trade and other business restrictions;

compliance with domestic and foreign export and import regulations, and difficulties in obtaining and complying with domestic and foreign export, import and other governmental approvals, permits and licenses;

compliance with foreign laws, and laws and practices that favor local companies;

difficulties in staffing and managing foreign operations;

trade restrictions or higher tariffs;

transportation delays;

difficulties of managing distributors;

less effective protection of intellectual property than is afforded to us in the United States or other developed countries;

inadequate local infrastructure; and

exposure to local banking, currency control and other financial-related risks.

---

## **Table of Contents**

Moreover, the international nature of our business subjects us to risk associated with the fluctuation of the U.S. dollar versus foreign currencies. Decreases in the value of the U.S. dollar versus currencies in jurisdictions where we have large fixed costs or our third party manufacturers have significant cost will increase the cost of such operations, which could harm our results of operations. For example, we have large fixed costs in Israel, which will become greater if the U.S. dollar declines in value versus the Israeli Shekel. On the other hand, substantially all of our sales have been denominated in U.S. dollars.

In addition, the recent earthquake and tsunami in the Pacific Rim had a significant impact in Japan and disrupted the global supply chain. We have seen a slight near term disruption and added uncertainty in the global supply chain for products manufactured in Japan that are included in our products and in the end user products for our customers. We continue to monitor the effect of the events in Japan on end user demand and inventory levels throughout the supply chain.

***We have made and may continue to make acquisitions and investments, which could divert management's attention, cause ownership dilution to our shareholders, be difficult to integrate and adversely affect our results of operations and share price.***

We expect to continue to make acquisitions of, and investments in, businesses that offer complementary products and technologies, augment our market segment coverage, or enhance our technological capabilities. We may also enter into strategic alliances or joint ventures to achieve these goals. We cannot assure you that we will be able to identify suitable acquisition, investment, alliance or joint venture opportunities in the future, or that we will be able to consummate any such transactions or relationships on terms and conditions acceptable to us, or that such transactions or relationships will be successful.

Integrating newly acquired businesses or technologies typically entails many risks that could put a strain on our resources, could be costly and time consuming, and might not be successful. In addition, any acquisitions could materially harm our results of operations or liquidity as a result of either the issuance of dilutive equity securities, new debt or contingent liabilities, or payment of cash. Moreover, such acquisitions could divert our management's attention from other business concerns and also result in customer dissatisfaction. In addition, we might lose key employees of the newly acquired organizations during the acquisition process. The acquisition of another company or its products and technologies may also require us to enter into a geographic or business market in which we have little or no prior experience.

***We are exposed to potential impairment charges on certain assets.***

We had approximately \$2.0 billion of goodwill and \$112.7 million of intangible assets on our balance sheet as of July 30, 2011. Under GAAP, we are required to review our intangible assets for impairment whenever events or changes in circumstances indicate that the carrying value of these assets may not be recoverable. We perform an annual assessment of goodwill at the beginning of our fiscal fourth quarter and we also assess the impairment of goodwill on an interim basis whenever events or changes in circumstances indicate that the carrying value of such assets may not be recoverable. If the businesses acquired fail to meet our expectations set out at the time of the acquisition or if our market capitalization adjusted for control premiums and other factors declines to below our carrying value, we could incur significant goodwill or intangible impairment charges, which could negatively impact our financial results. In addition, from time to time, we have made investments in other private companies. If the companies that we invest in are unable to execute their plans and succeed in their respective markets, we may not benefit from such investments, and we could potentially lose the amounts we invest. We evaluate our investment portfolio on a regular basis to determine if impairments have occurred. Impairment charges could have a material impact on our results of operations in any period.

***We rely on third party distributors and manufacturers' representatives and the failure of these distributors and manufacturers' representatives to perform as expected could reduce our future sales.***

From time to time, we enter into relationships with distributors and manufacturers' representatives to sell our products, and we are unable to predict the extent to which these partners will be successful in marketing and selling our products. Moreover, many of our distributors and manufacturers' representatives also market and sell competing products, and may terminate their relationships with us at any time. Our future performance will also depend, in part, on our ability to attract additional distributors or manufacturers' representatives that will be able to market and support our products effectively, especially in markets in which we have not previously distributed our products. If we cannot retain or attract quality distributors or manufacturers' representatives, our sales and results of operations will be harmed.

***Changes in financial accounting standards or practices or existing taxation rules or practices may adversely affect our financial results.***

Changes in financial accounting standards or practices or changes in existing taxation rules or practices may have a significant effect on our reported results. New accounting pronouncements and taxation rules and varying interpretations of accounting pronouncements and taxation practice have occurred and may occur in the future. For example, the U.S. Congress may consider legislation affecting the taxation of foreign corporations and such legislation if enacted might adversely affect our future tax liabilities and have a material impact on our results of

operations. Changes to existing rules or the questioning of current practices by regulators may adversely affect our reported financial results or the way we conduct our business or cause our stock price to decline.

## **Table of Contents**

### ***Tax benefits that we receive may be terminated or reduced in the future, which would harm our results of operations and profitability.***

In prior years, we have entered into agreements with the local governments in certain foreign jurisdictions where we have significant operations to provide us with favorable tax rates in those jurisdictions if certain criteria are met.

We obtained from the Minister of Finance of Bermuda under the Exempt Undertakings Tax Protection Act 1966, as amended, an undertaking that, in the event that Bermuda enacts legislation imposing tax computed on income and capital gains, those taxes should not apply to us until March 28, 2016.

The Economic Development Board of Singapore (the EDB) granted Pioneer Status to our wholly-owned subsidiary in Singapore in July 1999. This tax exemption was to expire after ten years, but the EDB in June 2006 agreed to extend the term to 15 years. As a result, we anticipate that a significant portion of the income we earn in Singapore during this period will be exempt from the Singapore income tax. We are required to meet several requirements as to investment, headcount and activities in Singapore to retain this status.

Under the Israeli Encouragement law of approved or benefited enterprise, two branches of Marvell Israel ( MISL ), the GTL branch and the cellular branch (formerly Marvell DSPC), are entitled to a beneficial tax program that includes reduced tax rates and exemption of certain income. The first program was approved for MISL in 1995 and the most recent was approved in 2003. Marvell DSPC has five approved programs, with the first approved in 1990 and the most recent approved in 2010. The benefit period is generally 10 to 15 years and begins in the first year in which our Israeli divisions earn taxable income from the approved or benefited enterprises, provided the maximum period has not elapsed. Income from the approved or benefited enterprises is subject to reduced tax rates ranging between 0% and 10% or tax exemptions for fiscal years 2008 through 2020.

During fiscal 2007, our Switzerland subsidiary received a ten-year Federal and Cantonal tax holiday on revenues from research and design and wafer supply trading activities that will expire in 2017. In fiscal 2011, we met the requirements of the initial five year period and we will receive the ongoing tax holiday benefits provided that we continue to meet the ongoing requirements.

If any of our tax agreements in any of these foreign jurisdictions were terminated, our results of our operations and profitability would be harmed.

### ***We may be unable to protect our intellectual property, which would negatively affect our ability to compete.***

We believe one of our key competitive advantages results from our collection of proprietary technologies that we have developed and acquired since our inception. If we fail to protect these intellectual property rights, competitors could sell products based on technology that we have developed that could harm our competitive position and decrease our revenues. We believe that the protection of our intellectual property rights is and will continue to be important to the success of our business. We rely on a combination of patent, copyright, trademark and trade secret laws, as well as nondisclosure agreements and other methods, to protect our proprietary technologies. We also enter into confidentiality or license agreements with our employees, consultants and business partners, and control access to and distribution of our documentation and other proprietary information. We have been issued several U.S. and foreign patents and have a number of pending U.S. and foreign patent applications. However, a patent may not be issued as a result of any applications or, if issued, claims allowed may not be sufficiently broad to protect our technology. In addition, it is possible that existing or future patents may be challenged, invalidated or circumvented. Despite our efforts, unauthorized parties may attempt to copy or otherwise obtain and use our products or proprietary technology. Monitoring unauthorized use of our technology is difficult, and the steps that we have taken may not prevent unauthorized use of our technology, particularly in foreign countries where the laws may not protect our proprietary rights as fully as in the United States. If our patents do not adequately protect our technology, our competitors may be able to offer products similar to ours, which would adversely impact our business and results of operations.

Certain of our software (as well as that of our customers) may be derived from so-called open source software that is generally made available to the public by its authors and/or other third parties. Such open source software is often made available under licenses, such as the GNU General Public License which impose certain obligations on us in the event we were to distribute derivative works of the open source software. These obligations may require us to make source code for the derivative works available to the public, and/or license such derivative works under a particular type of license, rather than the forms of license customarily used to protect our intellectual property. In addition, there is little or no legal precedent for interpreting the terms of certain of these open source licenses, including the determination of which works are subject to the terms of such licenses. While we believe we have complied with our obligations under the various applicable licenses for open source software, in the event that the copyright holder of any open source software were to successfully establish in court that we had not complied with the terms of a license for a particular work, we could be required to release the source code of that work to the public and/or stop distribution of that work.



---

## **Table of Contents**

***We may become involved with costly and lengthy litigation involving our patents and other intellectual property, which could subject us to liability, require us to indemnify our customers, require us to obtain or renew licenses, stop selling our products or force us to redesign our products.***

Litigation involving patents and other intellectual property is widespread in the high-technology industry and is particularly prevalent in the semiconductor industry, where a number of companies and other entities aggressively bring numerous infringement claims to assert their patent portfolios. From time to time our subsidiaries and customers receive, and may continue to receive in the future, notices that allege claims of infringement, misappropriation or misuse of the intellectual property rights of third parties. For example, in recent years, multiple claims have been made against our subsidiaries and our customers related to standards-based technologies such as wireless LAN. In addition, we have had certain patent licenses with third parties that have not been renewed, and if we cannot successfully renew these licenses, our subsidiaries and customers could face claims of infringement. These claims could result in litigation and/or claims for indemnification, which, in turn, could subject us to significant liability for damages, attorneys fees and costs. Any potential intellectual property litigation also could force us to do one or more of the following:

stop selling, offering for sale, making, having made or exporting products or using technology that contains the allegedly infringing intellectual property;

limit or restrict the type of work that employees involved in such litigation may perform for us;

pay substantial damages and/or license fees and/or royalties to the party claiming infringement that could adversely impact our liquidity or operating results;

attempt to obtain or renew licenses to the relevant intellectual property, which licenses may not be available on reasonable terms or at all; and

attempt to redesign those products that contain the allegedly infringing intellectual property.

We may also be required to indemnify some customers under our contracts if a third party alleges, or a court finds, that our products have infringed upon the proprietary rights of other parties. From time to time, we have agreed to indemnify select customers for claims made against our products, where such claims allege infringement of third party intellectual property rights, including, but not limited to, patents, registered trademarks and/or copyrights.

***We have been named as a party to several lawsuits and we may be named in additional litigation in the future, all of which could result in an unfavorable outcome and have a material adverse effect on our business, financial condition, results of operations, cash flows, and the trading price for our securities.***

We have been named as a party to several lawsuits and we may be named in additional litigation in the future. Refer to Note 9 Commitments and Contingencies of our notes to the Consolidated Financial Statements set forth in Part I, Item 1 of this Quarterly Report on Form 10-Q for a more detailed description of a number of the litigation matters we are currently engaged in. Under certain circumstances, we have contractual and other legal obligations to indemnify and to incur legal expenses on behalf of current and former directors and officers for these lawsuits. In addition, due to the high volatility of our stock price, we may be vulnerable to securities class action litigation. The ultimate outcome of these actions could have a material adverse effect on our business and the trading price for our securities. Litigation may be time-consuming, expensive, and disruptive to normal business operations, and the outcome of litigation is difficult to predict. The defense of these lawsuits may result in significant expenditures and the continued diversion of our management's time and attention from the operation of our business, which could impede our business. In the event we were to receive an unfavorable outcome in any lawsuit, our business, financial condition, results of operations, cash flows and the trading price of our securities may be materially and adversely affected.

***As a result of the settlement with the SEC, we could not invoke the safe harbor for the forward-looking statements provision of the Private Securities Litigation Reform Act of 1995 for three years following the entry of judgment.***



## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

On May 8, 2008, we announced that we had reached an agreement with the SEC that concluded the SEC's formal investigation of us with respect to our historic stock option granting practices. As a result of our SEC settlement, we forfeited for three years following the entry of judgment, or until June 20, 2011, the ability to invoke the "safe harbor" for forward-looking statements provided by the Private Securities Litigation Reform Act of 1995. This safe harbor would have provided us with enhanced protection from liability based on forward-looking statements if the forward-looking statements were either accompanied by meaningful cautionary statements or were made without actual knowledge that they were false or misleading. Because we could not benefit from the statutory safe harbor from June 2008 through June 2011, it may be more difficult for us to defend against any future claims based on any forward-looking statements issued during that timeframe.

---

## **Table of Contents**

***We depend on key personnel to manage our business, and if we are unable to retain our current personnel and hire additional personnel, our ability to develop and successfully market our products could be harmed.***

We believe our future success will depend in large part upon our ability to attract and retain highly skilled managerial, engineering, sales and marketing personnel. The loss of key employees or the inability to attract qualified personnel, including hardware and software engineers and sales and marketing personnel could delay the development and introduction of and harm our ability to sell our products. We typically do not enter into employment agreements with any of our key technical personnel, and their knowledge of our business and industry would be extremely difficult to replace.

The competition for qualified technical personnel with significant experience in the design, development, manufacturing, marketing and sales of integrated circuits is intense. It is important that we are able to identify, hire and retain engineers who are familiar with the intricacies of the design and manufacture of products based on analog technology. Our key technical personnel represent a significant asset and serve as the source of our technological and product innovations. We may not be successful in attracting and retaining sufficient numbers of technical personnel to develop new products or enhance existing products in a timely manner.

***If our internal control over financial reporting or disclosure controls and procedures are not effective, there may be errors in our financial statements that could require a restatement or our filings may not be filed on a timely basis and investors may lose confidence in our reported financial information, which could lead to a decline in our stock price.***

We believe that effective internal controls are necessary for us to provide reliable financial reports and effectively prevent fraud. Any inability to provide reliable financial reports or prevent fraud could harm our business. The Sarbanes-Oxley Act of 2002 requires management and our auditors to evaluate and assess the effectiveness of our internal control over financial reporting, as of the end of each year, and to include a management report assessing the effectiveness of our internal control over financial reporting in each Annual Report on Form 10-K.

Our management, including our Chief Executive Officer and Chief Financial Officer, does not expect that our internal control over financial reporting will prevent all error and all fraud. These inherent limitations include the realities that judgments in decision making can be faulty, breakdowns can occur because of simple errors, and errors discovered by personnel within control systems may not be properly disclosed and addressed. Controls can also be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the controls. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. In addition, we are consistently evaluating the design and operating effectiveness of our internal controls, a process which sometimes leads to modifications in such controls. These modifications could affect the overall effectiveness or evaluation of the control system in the future by us or our independent registered public accounting firm. The design of any system of controls is based in part on certain assumptions about the likelihood of future events, and we cannot assure you that any design will succeed in achieving its stated goals under all potential future conditions. Over time, controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with policies or procedures. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

***Two of our officers and directors own a large percentage of our voting stock, and, together with another employee who is also a significant shareholder, are related by blood or marriage. These factors may allow the officers and directors as a group or the three related employees to influence the election of directors and the approval or disapproval of significant corporate actions.***

Dr. Sehat Sutardja, our President and Chief Executive Officer, and Weili Dai, who serves as the Vice President and General Manager of Communications and Consumer Business of MSI, are husband and wife, and Dr. Sehat Sutardja and Dr. Pantas Sutardja, our Vice President, Chief Technology Officer and Chief Research and Development Officer, are brothers. Together, these three individuals held approximately 17% of our outstanding common shares as of July 30, 2011. As a result, if these individuals act together, they may influence the election of our directors and the approval or disapproval of any significant corporate actions that require shareholder approval. This influence over our affairs might be adverse to the interests of other shareholders. For instance, the voting power of these individuals could have the effect of delaying or preventing an acquisition of us on terms that other shareholders may desire.

Under Bermuda law, all of our officers, in exercising their powers and discharging their duties, must act honestly and in good faith with a view to our best interests and exercise the care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances. Majority shareholders do not owe fiduciary duties to minority shareholders. As a result, the minority shareholders will not have a direct claim against the majority shareholders in the event the majority shareholders take actions that damage the interests of minority shareholders. Class actions and derivative actions are generally not available to shareholders under the laws of Bermuda, except that Bermuda courts would be expected to follow English case law precedent, which would permit a shareholder to bring an action in our name if the directors or officers are alleged to be acting beyond our corporate power, committing illegal acts or violating our Memorandum of Association or Third Amended and

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Restated Bye-Laws ( Bye-Laws ). Furthermore, consideration would be given by a Bermuda court to acts that are alleged to constitute a fraud against the minority shareholders or, for instance, where an act requiring the approval of a greater percentage of the company s shareholders than those who actually approved it.

## **Table of Contents**

The Companies Act 1981 of Bermuda, as amended, provides that when one or more shareholders believes the affairs of a company are being conducted in a manner which is prejudicial to the interest of some of the shareholders, a Bermuda court, upon petition, may make such order as it sees fit, including an order regulating the conduct of the company's affairs in the future or ordering the purchase of the shares of any shareholders by other shareholders or by the company, and in the case of a purchase of the shares by the company, for the reduction accordingly of the company's capital or otherwise.

***We rely upon certain critical information systems for the operation of our business, and the failure of any critical information system may result in serious harm to our business.***

We maintain and rely upon certain critical information systems for the effective operation of our business. These information systems include telecommunications, the Internet, our corporate intranet, various computer hardware and software applications, network communications and e-mail. These information systems are subject to attacks, failures and access denials from a number of potential sources including viruses, destructive or inadequate code, power failures, and physical damage to computers, communication lines and networking equipment. To the extent that these information systems are under our control, we have implemented security procedures, such as virus protection software and emergency recovery processes, to address the outlined risks. While we believe that our information systems are appropriately controlled and that we have processes in place to adequately manage these risks, security procedures for information systems cannot be guaranteed to be failsafe and our inability to use or access these information systems at critical points in time could unfavorably impact the timely and efficient operation of our business.

***We are subject to the risks of owning real property.***

Our U.S. headquarters located in Santa Clara, California, and our buildings in Singapore, Etoy, Switzerland and Shanghai, China subject us to the risks of owning real property, which include:

the possibility of environmental contamination and the costs associated with fixing any environmental problems;

adverse changes in the value of these properties, due to interest rate changes, changes in the neighborhood in which the property is located, or other factors;

the possible need for structural improvements in order to comply with zoning, seismic and other legal or regulatory requirements;

the potential disruption of our business and operations arising from or connected with a relocation due to moving to or renovating the facility;

increased cash commitments for improvements to the buildings or the property or both;

increased operating expenses for the buildings or the property or both;

possible disputes with tenants or other third parties related to the buildings or the property or both; and

the risk of financial loss in excess of amounts covered by insurance, or uninsured risks, such as the loss caused by damage to the buildings as a result of earthquakes, floods and or other natural disasters.

***As we carry only limited insurance coverage, any incurred liability resulting from uncovered claims could adversely affect our financial condition and results of operations.***

## Edgar Filing: MARVELL TECHNOLOGY GROUP LTD - Form 10-Q

Our insurance policies may not be adequate to fully offset losses from covered incidents, and we do not have coverage for certain losses. For example, there is very limited coverage available with respect to the services provided by our third party foundries and assembly and test subcontractors. In the event of a natural disaster (such as an earthquake or Tsunami), political or military turmoil, widespread health issues or other significant disruptions to their operations, insurance may not adequately protect us from this exposure. We believe our existing insurance coverage is consistent with common practice and economic and availability considerations. However, if our insurance coverage is inadequate to protect us against unforeseen catastrophic losses, any uncovered losses could adversely affect our financial condition and results of operations.

*We are incorporated in Bermuda, and, as a result, it may not be possible for our shareholders to enforce civil liability provisions of the securities laws of the United States. In addition, our Bye-Laws contain a waiver of claims or rights of action by our shareholders against our officers and directors, which will severely limit our shareholders' right to assert a claim against our officers and directors under Bermuda law.*

**Table of Contents**

We are organized under the laws of Bermuda. As a result, it may not be possible for our shareholders to effect service of process within the United States upon us, or to enforce against us in United States courts judgments based on the civil liability provisions of the securities laws of the United States. There is significant doubt as to whether the courts of Bermuda would recognize or enforce judgments of United States courts obtained against us or our directors or officers based on the civil liability provisions of the securities laws of the United States or any state or hear actions brought in Bermuda against us or those persons based on those laws. The United States and Bermuda do not currently have a treaty providing for the reciprocal recognition and enforcement of judgments in civil and commercial matters. Therefore, a final judgment for the payment of money rendered by any federal or state court in the United States based on civil liability, whether or not based solely on United States federal or state securities laws, would not be automatically enforceable in Bermuda.

Our Bye-Laws contain a broad waiver by our shareholders of any claim or right of action, both individually and on our behalf, against any of our officers and directors. The waiver applies to any action taken by an officer or director, or the failure of an officer or director to take any action, in the performance of his or her duties with or for us, other than with respect to any matter involving any fraud or dishonesty on the part of the officer or director. This waiver will limit the rights of our shareholders to assert claims against our officers and directors unless the act complained of involves actual fraud or dishonesty. Thus, so long as acts of business judgment do not involve actual fraud or dishonesty, they will not be subject to shareholder claims under Bermuda law. For example, shareholders will not have claims against officers and directors for a breach of trust, unless the breach rises to the level of actual fraud or dishonesty.

***Our Bye-Laws contain provisions that could delay or prevent a change in corporate control, even if the change in corporate control would benefit our shareholders.***

Our Bye-Laws contain change in corporate control provisions, which include:

authorizing the issuance of preferred stock without shareholder approval;

providing for a classified board of directors; and

requiring a vote of two-thirds of the outstanding shares to approve any change of corporate control in the event the action is not approved by at least  $66\frac{2}{3}\%$  of the directors holding office at the date of the Board meeting to approve the action.

These change in corporate control provisions could make it more difficult for a third party to acquire us, even if doing so would be a benefit to our shareholders. However, beginning in calendar year 2011, our classified board of directors will be phased out and by calendar year 2013 all directors will be subject to annual election.

**Table of Contents****Item 2. Unregistered Sales of Equity Securities and Use of Proceeds**

There were no sales of unregistered securities during the three months ended July 30, 2011.

**Issuer Purchases of Equity Securities**

The following table presents details of our repurchases during the three months ended July 30, 2011 (in thousands, except per share data):

Period		Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Approximated Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (1)
May 1	May 28, 2011		\$		\$ 109,013
May 29	June 25, 2011	7,253	15.03	7,253	
June 26	July 30, 2011	1,821	14.68	1,821	473,273
Total		9,074	\$ 14.96	9,074	\$ 473,273

- (1) On July 1, 2011, we announced that our board of directors authorized us to repurchase up to an additional \$500 million of our outstanding common shares under our share repurchase program, which increased the total number of shares authorized for repurchase to \$1.5 billion. We intend to affect the repurchase program in accordance with the conditions of Rule 10b-18 under the Exchange Act. The repurchase program will be subject to market conditions and other factors and does not obligate us to repurchase any dollar amount or number of our common shares. The program may be extended, modified, suspended or discontinued at any time. We may utilize privately negotiated transactions in order to effect our repurchases.

**Item 6. Exhibits**

(a) The following exhibits are filed as part of this report:

10.1#	Marvell Technology Group Ltd. 2007 Director Stock Incentive Plan, incorporated by reference to Exhibit 10.1 of the registrant's Current Report on Form 8-K as filed on July 1, 2011.
10.2#	Form of Stock Unit Agreement and Notice of Grant of Award and Award Agreement for use with the 2007 Director Stock Incentive Plan, incorporated by reference to Exhibit 10.2 of the registrant's Current Report on Form 8-K as filed on July 1, 2011.
31.1	Certification of Chief Executive Officer as required pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2	Certification of Chief Financial Officer as required pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1*	Certification of Chief Executive Officer as required pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
32.2*	Certification of Chief Financial Officer as required pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

- # Management contracts or compensation plans or arrangements in which directors or executive officers are eligible to participate.
- \* The certifications furnished in Exhibits 32.1 and 32.2 hereto are deemed to accompany this Form 10-Q and will not be deemed filed for purposes of Section 18 of the Exchange Act. Such certifications will not be deemed to be incorporated by reference into any filings under the Securities Act or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference.



**Table of Contents**

**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.

MARVELL TECHNOLOGY GROUP LTD.

September 6, 2011  
Date

By: */s/ CLYDE R. HOSEIN*  
**Clyde R. Hosein**  
*Chief Financial Officer and Secretary*

44

---

**Table of Contents**

**EXHIBIT INDEX**

10.1#	Marvell Technology Group Ltd. 2007 Director Stock Incentive Plan, incorporated by reference to Exhibit 10.1 of the registrant's Current Report on Form 8-K as filed on July 1, 2011.
10.2#	Form of Stock Unit Agreement and Notice of Grant of Award and Award Agreement for use with the 2007 Director Stock Incentive Plan, incorporated by reference to Exhibit 10.2 of the registrant's Current Report on Form 8-K as filed on July 1, 2011.
31.1	Certification of Chief Executive Officer as required pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2	Certification of Chief Financial Officer as required pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1*	Certification of Chief Executive Officer as required pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
32.2*	Certification of Chief Financial Officer as required pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

# Management contracts or compensation plans or arrangements in which directors or executive officers are eligible to participate.

\* The certifications furnished in Exhibits 32.1 and 32.2 hereto are deemed to accompany this Form 10-Q and will not be deemed filed for purposes of Section 18 of the Exchange Act. Such certifications will not be deemed to be incorporated by reference into any filings under the Securities Act or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference.