# Marvell <br> Technology Group 

Investor Relations

FQ2' 2015 Earnings Update

## Safe Harbor: Forward-Looking Statements


#### Abstract

All statements included in these slides, other than statements or characterizations of historical fact, are forward-looking statements within the meaning of the federal securities laws, including the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, among others: guidance regarding our future financial outlook including revenue, non-GAAP gross margin, non-GAAP R\&D expense, non-GAAP SG\&A expense, other income/expense, tax expense and EPS (GAAP and non-GAAP) for the third quarter of fiscal 2015; and expectations in three of the end markets we serve (Mobile \& Wireless, Storage and Networking). Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," "can," "will" and similar expressions identify such forward-looking statements. These forward-looking statements are not guarantees of results and should not be considered as an indication of future performance. Actual events or results may differ materially from those described in these slides due to a number risk and uncertainties including, among others: our reliance on a few customers for a significant portion of our revenue; costs and liabilities relating to current and future litigation; our ability to develop and introduce new and enhanced products in a timely and cost effective manner and the adoption of those products in the market; seasonality in sales of consumer devices in which our products are incorporated; our ability to compete in products and prices in an intensely competitive industry; uncertainty in the worldwide economic conditions; our ability to recruit and retain skilled personnel; and other risks detailed in our SEC filings from time to time. For other factors that could cause our results to vary from expectations, we refer you to our Quarterly Report on Form 10-Q for the quarter ended May 3, 2014 and subsequent filings with the SEC, which discuss some of the important risk factors that could contribute to such differences or otherwise affect our business, results of operations and financial condition. We undertake no obligation to revise or update publicly any forward-looking statement to reflect future events or circumstances, including the financial outlook for the third quarter of fiscal 2015 contained herein.

The payment of future quarterly cash dividends on Marvell's common shares is subject to, among other things, the best interests of our shareholders, our results of operations, cash balances and future cash requirements, financial condition, developments in ongoing litigation, statutory requirements of Bermuda law, and other factors that our board of directors may deem relevant.

The financial outlook contained herein does not include the potential impact of future share repurchases, pending litigation matters, business combinations, asset acquisitions or other investments that may be completed after August 20, 2014. Our financial outlook for the third quarter of fiscal 2015 is based on expectations, assumptions and estimates that we believe are reasonable, and is subject to a wide range of business risks and uncertainties, many of which are beyond our control. The financial outlook contained herein should not be regarded as representations by us that the estimated results will be achieved or are indicative of future results.


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## Use of Non-GAAP Financial Measures

These slides provide financial measures on a U.S. GAAP as well as a non-GAAP basis. These nonGAAP results exclude the effect of share-based compensation, amortization and write-off of acquired intangible assets, acquisition-related costs, restructuring and other exit related costs, litigation settlement, and certain one-time expenses or benefits. We believe that the presentation of non-GAAP financial measures provides important supplemental information to management and investors regarding financial and business trends relating to our financial condition and results of operations. While we use non-GAAP financial measures as a tool to enhance our understanding of certain aspects of our financial performance, we do not consider these measures to be a substitute for, or superior to, the information provided by GAAP financial measures. A reconciliation in accordance with SEC Regulation G for the non-GAAP financial measures used in these slides is available in the financial statements section to this presentation and/or in the Investor Relations section of our website at www.marvell.com.

FQ2' 2015 Financial Results

## Key Highlights from FQ2’ 2015 Results

## Revenue

- Revenue of \$962M, slightly higher from FQ1
- Better-than-expected growth in Storage
- Better-than-expected growth in Networking
- Continued ramps in 4G LTE and connectivity
- Weaker-thanexpected 3G mobile


## Non-GAAP EPS \& Profitability

- EPS (diluted): \$0.34
- Gross margin: 50.6\%
- Operating margin: 17\%
- FCF margin: $14 \%$


## Shareholder Capital Returns

- Quarterly payment of $\$ 31$ million in dividends or 6 cents per share


## FQ2’ 2015 Financial Summary



Revenue (\$M)

Source: Marvell

Non-GAAP Operating Margin (\%)


FCF Margin (\%)


## Return of Capital



Source: Marvell

## End Markets: Storage



## FQ2 Highlights

- $46 \%$ of overall revenue
- Overall Storage revenue grew 6\% q/q and increased 5\% y/y
- Better than expected HDD growth $q / q$
- Continued share gains in enterprise, units doubled $\mathrm{y} / \mathrm{y}$ at NA-based OEM
- Double digit growth $q / q$ in SSD units and revenue


## FQ3 Expectations

- Flat to modest growth from FQ2


## End Markets: Networking



## FQ2 Highlights

- $19 \%$ of overall revenue
- Overall Networking grew 6\% q/q and increased 7\% y/y
- Switches and routers up on strong enterprise demand
- Increased design-win traction for Armada SoC devices in enterprise and service provider markets
- Soft NPU demand in Q2 following a strong Q1


## FQ3 Expectations

- Flat to slight growth from FQ2


## End Markets: Mobile \& Wireless



## FQ2 Highlights

- $30 \%$ of overall revenue
- Mobile and Wireless declined 9\% q/q and increased $67 \% \mathrm{y} / \mathrm{y}$
- 4G LTE continued to ramp in China
- Weaker-than-expected 3G demand from major Asia-based OEM
- Wireless connectivity grew double digit percentage $q / q$ and $y / y$ on strong gaming and mobile platforms


## FQ3 Expectations

- Modest sequential growth from FQ2

FQ3' 2015 Financial Outlook

## FQ3' 2015 Outlook

|  | FQ3' 2015 Outlook |
| :--- | :---: |
| Revenue | $\$ 960$ to $\$ 1,000$ million |
| Non-GAAP Gross Margin | $50 \%+/-100$ bps |
| Non-GAAP Operating Expense | $\$ 330$ million +/- $\$ 10$ million |
| Non-GAAP R\&D Expense <br> Non-GAAP SG\&A Expense | $\$ 270$ million <br> $\$ 60$ million |
| Other Income / (Expense) | $\$ 1$ million |
| Tax Expense | $\$ 0.29+/-\$ 0.02$ |
| Non-GAAP EPS (diluted) | $\$ 0.21+/-\$ 0.02$ |
| GAAP EPS (diluted) |  |

Financial Statements

## Unaudited Statement of Operations (In thousands, except per share amounts)

Net revenue
Cost of goods sold Gross profit
Operating expenses:
Research and development
Selling and marketing
General and administrative
Amortization and write-off of acquired intangible assets Total operating expenses
Operating income
Interest and other income, net
Income before income taxes
Provision (benefit) for income taxes
Net income

Net income per share - basic
Net income per share - diluted

Weighted average shares — basic
Weighted average shares - diluted


The following table presents details of total share-based compensation expense included in each functional line item in the unaudited condensed consolidated statements of income above:

| Cost of goods sold | 1,944 | 2,300 | 1,867 | 1,868 | 2,531 | 2,597 | 2,299 | 1,733 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Research and development | 22,565 | 24,997 | 23,279 | 28,982 | 30,084 | 27,087 | 20,368 | 24,276 |
| Selling and marketing | 3,101 | 3,683 | 3,392 | 3,648 | 3,738 | 3,162 | 2,928 | 2,617 |
| General and administrative | 2,764 | 5,506 | 4,975 | 6,593 | 6,848 | 5,222 | 4,374 | 6,394 |

## Source: Marvell

## Unaudited Statement of Cash Flows (In thousands)

Cash flows from operating activities
Net income
Adjustments to reconcile net income to net cash provided
by operating activities:
Depreciation and amortization
Share-based compensation
Amortization and write-off of acquired intangible assets
Other expense (income), net
Gain from sale of a product line
Excess tax benefits from share-based compensation
Changes in assets and liabilities

## Accounts receivable

nventories
Prepaid expenses and other assets
Accounts payable
Accrued liabilities and other non-current liabilitie
Accrued employee compensation
Deferred income
Net cash provided by operating activities
Cash flows from investing activities

## Purchases of available-for-sale securitie <br> Tats and maturities of available-for-sale securities

Nroceeds from sale of a product line
Investments in privately-held-companies
Cash paid for acquisitions, net
Purchases of technology licenses
Purchases of property and equipment
Net cash provided by (used in) investing activities
Cash flows from financing activities:
Repurchase of common stock
Proceeds from employee stock plans
Minimum tax withholding paid on behalf of employee for net share settlement
Dividend payment to shareholders
Payments on technology license obligations
Excess tax benefits from share-based compensation Net cash provided by (used in) financing activities

Net increase (decrease) in cash and cash equivalents
Cash and cash equivalents at beginning of period Cash and cash equivalents at end of period

| Q3'13 |  | Q4'13 |  | Q1'14 |  | Q2'14 |  | Q3'14 |  | Q4'14 |  | Q1'15 |  | Q2'15 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 68,816 | \$ | 50,152 | \$ | 53,209 | \$ | 61,826 | \$ | 103,156 | \$ | 97,129 | \$ | 99,479 | \$ | 138,870 |
|  | 22,317 |  | 26,227 |  | 24,966 |  | 25,697 |  | 25,913 |  | 26,176 |  | 27,006 |  | 26,263 |
|  | 30,374 |  | 36,486 |  | 33,513 |  | 41,091 |  | 43,201 |  | 38,068 |  | 29,969 |  | 35,020 |
|  | 13,054 |  | 12,268 |  | 10,686 |  | 10,638 |  | 10,645 |  | 12,037 |  | 7,174 |  | 3,789 |
|  | 1,260 |  | 957 |  | 2,523 |  | 1,816 |  | 1,655 |  | 2,184 |  | 1,470 |  | $(7,596)$ |
|  |  |  |  |  |  |  |  |  |  |  | $(6,975)$ |  |  |  | - |
|  | (5) |  | (9) |  | (7) |  | (25) |  | (10) |  | 22 |  | (44) |  | (32) |
|  | 16,002 |  | 44,532 |  | $(40,112)$ |  | $(60,524)$ |  | $(35,855)$ |  | 13,233 |  | $(63,578)$ |  | 33,419 |
|  | 21,601 |  | 73,468 |  | $(20,123)$ |  | $(64,170)$ |  | $(45,157)$ |  | 32,262 |  | $(3,105)$ |  | $(43,194)$ |
|  | 358 |  | $(15,861)$ |  | 6,802 |  | 12,503 |  | $(4,293)$ |  | 8,365 |  | $(2,161)$ |  | $(24,996)$ |
|  | $(54,674)$ |  | 2,833 |  | 28,936 |  | 54,933 |  | 44,442 |  | $(88,520)$ |  | 85,128 |  | 2,558 |
|  | $(3,653)$ |  | $(2,272)$ |  | $(20,081)$ |  | $(13,013)$ |  | 12,584 |  | 10,883 |  | $(7,134)$ |  | 10,096 |
|  | 29,509 |  | $(24,878)$ |  | 4,423 |  | (471) |  | 10,013 |  | $(19,752)$ |  | 30,001 |  | $(7,451)$ |
|  | $(8,382)$ |  | 692 |  | (880) |  | 16,195 |  | 10,905 |  | $(24,623)$ |  | 30,932 |  | $(9,792)$ |
|  | 136,577 |  | 204,595 |  | 83,855 |  | 86,496 |  | 177,199 |  | 100,489 |  | 235,137 |  | 156,954 |
|  | $(558,457)$ |  | $(338,538)$ |  | $(306,838)$ |  | $(164,631)$ |  | $(220,280)$ |  | $(146,143)$ |  | $(181,889)$ |  | $(153,881)$ |
|  | 436,435 |  | 517,911 |  | 335,771 |  | 162,909 |  | 346,826 |  | 149,533 |  | 182,311 |  | 190,099 |
|  | - |  | - |  | - |  | - |  | - |  | 6,306 |  | - |  | - |
|  | - |  | $(3,000)$ |  | - |  | (750) |  | $(1,119)$ |  | - |  | (441) |  | - |
|  | $(1,000)$ |  | - |  | $(2,551)$ |  | - |  | - |  | - |  |  |  | - |
|  | $(4,235)$ |  | $(24,315)$ |  | $(5,860)$ |  | $(1,750)$ |  | $(6,383)$ |  | $(3,654)$ |  | $(8,111)$ |  | $(1,298)$ |
|  | $(19,356)$ |  | $(19,096)$ |  | $(20,080)$ |  | $(18,981)$ |  | (14,222) |  | $(13,310)$ |  | $(16,131)$ |  | $(15,823)$ |
|  | $(146,613)$ |  | 132,962 |  | 442 |  | $(23,203)$ |  | 104,822 |  | $(7,268)$ |  | $(24,261)$ |  | 19,097 |
|  | $(202,987)$ |  | $(260,464)$ |  | $(216,694)$ |  | $(88,114)$ |  | $(71,477)$ |  | - |  | - |  | - |
|  | 8,915 |  | 38,692 |  | 19,805 |  | $53,316$ |  | 24,155 |  | 107,686 |  | 19,092 |  | 49,282 |
|  | (345) |  | (277) |  | $(9,378)$ |  | (510) |  | (518) |  | (466) |  | $(24,286)$ |  | (637) |
|  | $(33,476)$ |  | $(31,748)$ |  | $(30,253)$ |  | $(29,791)$ |  | $(29,516)$ |  | $(29,889)$ |  | $(30,172)$ |  | $(30,820)$ |
|  | - |  | - |  | $(5,317)$ |  | (984) |  | - |  | $(1,110)$ |  | - |  | $(2,677)$ |
|  | 5 |  | 9 |  | 7 |  | 25 |  | 10 |  | (22) |  | 44 |  | 32 |
|  | $(227,888)$ |  | $(253,788)$ |  | $(241,830)$ |  | $(66,058)$ |  | $(77,346)$ |  | 76,199 |  | $(35,322)$ |  | 15,180 |
|  | $(237,924)$ |  | 83,769 |  | $(157,533)$ |  | $(2,765)$ |  | 204,675 |  | 169,420 |  | 175,554 |  | 191,231 |
|  | 906,108 |  | 668,184 |  | 751,953 |  | 594,420 |  | 591,655 |  | 796,330 |  | 965,750 |  | 1,141,304 |
| \$ | 668,184 | \$ | 751,953 | \$ | 594,420 | \$ | 591,655 | \$ | 796,330 | \$ | 965,750 | \$ | 1,141,304 | \$ | 1,332,535 |

## Unaudited Balance Sheet (In thousands)

Assets
Current assets:
Cash, cash equivalents, and short-term investments
Accounts receivable, net
Inventories
Prepaid expenses and other current assets
Total current assets
Property and equipment, net
Long-term investments
Goodwill and acquired intangible assets, net
Other non-current assets
Total assets
Liabilities and Shareholders' Equity
Current liabilities:
Accounts payable
Accrued liabilities
Deferred income
Total current liabilities
Other non-current liabilities
Total liabilities
Shareholders' equity:
Common stock
Accumulated other comprehensive income (loss)
Retained earnings
Total shareholders' equity
Total liabilities and shareholders' equity


## Unaudited GAAP to Non-GAAP Reconciliations (In thousands, except per share amounts)

GAAP Net income
(1) Cost of goods sold

Share-based compensation
Amortization of acquired intangible assets
Litigation settlement
(2) Research and development

Share-based compensation
Acquisition related costs
Restructuring and other exit related
Tax-related matter
(3) Selling and marketing

Share-based compensation
Acquisition related costs
Restructuring and other exit related
(4) General and administrative:

Share-based compensation
Acquisition related costs
Restructuring and other exit related
Litigation settlement
Other
(5) Other operating costs and expenses:

Amortization and write-off of acquired intangible assets
(6) Gain from sale of a product line:

## Non-GAAP Net income

## Non-GAAP Operating income

GAAP Weighted average shares - diluted
Non-GAAP adjustment
Non-GAAP Weighted average shares - diluted

| Q3'13 |  | Q4'13 |  | Q1'14 |  | Q2'14 |  | Q3'14 |  | Q4'14 |  | Q1'15 |  | Q2'15 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 68,816 | \$ | 50,152 | \$ | 53,209 | \$ | 61,826 | \$ | 103,156 | \$ | 97,129 | \$ | 99,479 | \$ | 138,870 |
|  | 1,944 |  | 2,300 |  | 1,867 |  | 1,868 |  | 2,531 |  | 2,597 |  | 2,299 |  | 1,733 |
|  | - |  | - |  | - |  | - |  | - |  | 228 |  | 925 |  | 925 |
|  | - |  | 5,698 |  | - |  | 4,728 |  | - |  | 9,500 |  | - |  | - |
|  | 22,565 |  | 24,997 |  | 23,279 |  | 28,982 |  | 30,084 |  | 27,087 |  | 20,368 |  | 24,276 |
|  | 458 |  | 262 |  | 400 |  | $(1,135)$ |  | 414 |  | 116 |  | - |  | - |
|  | 2 |  | 1 |  | - |  | - |  | 4,613 |  | 829 |  | 4,682 |  | 412 |
|  | - |  | (690) |  | - |  | - |  | - |  | - |  | - |  | - |
|  | 3,101 |  | 3,683 |  | 3,392 |  | 3,648 |  | 3,738 |  | 3,162 |  | 2,928 |  | 2,617 |
|  | 57 |  | 14 |  | 45 |  | 34 |  | - |  | - |  | - |  | - |
|  | (3) |  | - |  | - |  | - |  | 795 |  | - |  | 48 |  | (48) |
|  | 2,764 |  | 5,506 |  | 4,975 |  | 6,593 |  | 6,848 |  | 5,222 |  | 4,374 |  | 6,394 |
|  | 8 |  | 19 |  | 20 |  | 20 |  | 19 |  | 5 |  | - |  | - |
|  | 130 |  | 153 |  | 228 |  | 178 |  | 527 |  | 118 |  | 358 |  | 371 |
|  | - |  | - |  | - |  | 500 |  | - |  | - |  | 2,000 |  | 475 |
|  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | 2,155 |
|  | 13,054 |  | 12,268 |  | 10,686 |  | 10,638 |  | 10,645 |  | 11,956 |  | 6,689 |  | 3,304 |
|  | - |  | - |  | - |  | - |  | - |  | $(6,975)$ |  | - |  | - |
| \$ | 112,896 | \$ | 104,363 | \$ | 98,101 | \$ | 117,880 | \$ | 163,370 | \$ | 150,974 | \$ | 144,150 | \$ | 181,484 |
| \$ | 110,877 | \$ | 97,823 | \$ | 87,773 | \$ | 108,031 | \$ | 155,438 | \$ | 151,429 | \$ | 137,658 | \$ | 163,068 |
|  | 559,348 |  | 528,082 |  | 505,387 |  | 500,625 |  | 501,189 |  | 510,449 |  | 520,751 |  | 520,269 |
|  | 18,452 |  | 16,196 |  | 17,094 |  | 15,021 |  | 13,014 |  | 12,932 |  | 9,625 |  | 13,201 |
|  | 577,800 |  | 544,278 |  | 522,481 |  | 515,646 |  | 514,203 |  | 523,381 |  | 530,376 |  | 533,470 |

Source: Marvell

## M A R V E L L

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