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Marvell's Expanding SSD Controller Deployments with World's Leading OEMs Extends Its Leadership in Delivering Complete Silicon and Software Solutions for the Connected Lifestyle

Marvell's industry leading SSD controller technologies, deployed by top global manufacturers, bolster its extensive portfolio of end-to-end storage, networking, computing, mobility and connectivity solutions

SANTA CLARA, Calif., Nov. 21, 2013 /PRNewswire/ -- Marvell (NASDAQ: MRVL), a worldwide leader in integrated silicon solutions, today announced that it's total silicon and software-defined solutions portfolio continues to accelerate the connected lifestyle from consumer to enterprise across the globe. Marvell's leadership in end-to-end storage, networking, computing, mobility and connectivity solutions is unique in the industry today and continues to be the driving force of connecting every aspect of the digital lifestyle, whether on the go, at work or at home. In particular, Marvell is ushering in the next generation of storage technologies as leading global OEMs are deploying Marvell's solid state drive (SSD) controller solutions across multiple platforms from enterprise and high performance mobile computing to smart phones and tablets based on Marvell controllers.

(Logo: https://photos.prnewswire.com/prnh/20100719/SF36559LOGO-b)

"High-performance, reliable, robust and secure storage is at the heart of today's 'Connected Lifestyle' for business and consumers, expanding from cloud infrastructures, networking and data centers to Smart Homes and mobile devices," said Weili Dai, President and Co-Founder of Marvell. "I'm very proud of our leadership in storage technologies since the founding of our company, and now extending it to the fast-growing SSD market. Combining it with our innovative capabilities in networking, computing, mobility and connectivity and our differentiated software platforms, such as the Kinoma® platform, we are empowering the high-tech industry by delivering complete end-to-end smart solutions to our global customers and partners, and we are deeply committed to making the world more connected and enabling better lives for all."

The industry is moving to the high-performance, low-power and cost-effective silicon solutions that Marvell is pioneering and the market is set to benefit from Marvell's leadership in the fast-growing SSD sector. Marvell's new PCIe and 6Gb/s SATA SSD controllers are in mass production and shipping to global tier-one OEMs, positioning Marvell as the clear frontrunner in the fast growing SSD controller market.

Supporting SATA target or PCIe end point, Marvell's SSD controllers feature an advanced architecture for data flow handling and NAND flash management and are the ideal solution for the rapid development of high-performance SSD systems in a wide variety of applications from mobile to enterprise, including super slim Ultrabooks, innovative M.2 form factors, custom form factors in low-power applications, value enterprise applications, and cost-effective caching solutions. SSDs across the board are quickly migrating to the PCIe interface, which is expected to gain market share in 2014 with the introduction of NVM Express, SCSI Express and advanced power management technologies.

The mobile and client markets continue to demand SSDs in higher performance, smaller form factor, low power consumption, advanced power management and with improved NAND Flash media handling. Marvell's in-house controller technologies with advanced ARM processors, evolving IO interfaces such as eMMC (Embedded Multi Media Card) and UFS (Universal Flash Storage), and NAND Flash error correction capability including LDPC (Low Density Parity Check) are designed to ensure the company's leading position and facilitate SSD market growth, fulfilling the need for the capability and expansion of data storage worldwide for the years to come.

Marvell offers complete end-to-end solutions with its storage, networking, computing, mobility, connectivity and differentiated software platforms for private, public and home clouds, as well as fiber and mobile infrastructure. With its comprehensive solutions offering, Marvell is connecting every aspect of the digital lifestyle – whether on the go, at work or at home.

About Marvell
Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions enabling the digital connected lifestyle. From mobile communications to storage, cloud infrastructure, digital entertainment and in-home content delivery, Marvell's diverse product portfolio aligns complete platform designs with industry-leading performance, security, reliability and efficiency. At the core of the world's most powerful consumer, network and enterprise systems, Marvell empowers partners and their customers to always stand at the forefront of innovation, performance and mass appeal. By providing people around the world with mobility and ease of access to services adding value to their social, private and work lives, Marvell is committed to enhancing the human experience.

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