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Marvell Announces Industry's Lowest Power Quad-Port Gigabit Ethernet PHY for Next-Generation Energy-Efficient Applications

Marvell(R) Alaska(R) 88E1240 Quad-Port PHY Currently on Display at Computex 2007

SANTA CLARA, Calif., June 4 /PRNewswire-FirstCall/ -- Marvell (Nasdaq: MRVL), the leader in storage, communications, and consumer silicon solutions, today announced the addition of the Marvell(R) Alaska(R) 88E1240 to its family of Alaska single, dual, quad and octal Gigabit Ethernet (GbE) transceivers. Featuring low-power consumption, advanced power saving modes, and a high-level of integration, the 88E1240 greatly reduces system costs and improves thermal efficiency in high-port density switching applications.

Marvell Alaska is a complete family of innovative Ethernet PHY transceivers that meet the unique configurations and requirements of today's vast networking environments. The Alaska 88E1240 is Marvell's latest pin- compatible addition to the quad-PHY family. The 88E1240 consumes less than 500mW per port in 1000BASE-T full-duplex mode, significantly lowering the thermal profile of fan-less systems. The active low-power consumption of the 88E1240 combined with its advanced power-saving modes, delivers a new level of energy efficiency for a new breed of cost-optimized, entry-level GbE switching platforms built on Marvell's industry leading Prester(R) DX switch devices.

The 88E1240 integrates line-side terminations that greatly improve signal quality while reducing bill-of-material (BOM) costs and saving precious board space. This integration of passives improves system-level reliability while lowering the manufacturing and overall system costs. The 88E1240's pin- compatibility with existing Marvell quad PHYs that are widely deployed in the market minimizes operating expenses, design risk, and time-to-market for next-generation switch designs. The 88E1240 also includes Marvell's VCT(TM) technology for advanced cable diagnostics.

"As an industry leader in the innovation and development of transceiver solutions, Marvell continually delivers the most advanced and complete portfolio of PHY products to the Ethernet switching market. The Alaska 88E1240 quad PHY sets a new industry standard for low power consumption while enabling ultra-efficient system design for the complete range of enterprise and SMB switching applications," according to David Young, vice president and general manager, Connectivity Business Unit, Communications and Consumer Business Group at Marvell.

The 88E1240 is available in both BGA and TQFP packages and is currently sampling with tier-one customers.

About Marvell

Marvell (Nasdaq: MRVL) is the leader in development of storage, communications, and consumer silicon solutions. The company's diverse product portfolio includes switching, transceiver, communications controller, wireless and storage solutions that power the entire communications infrastructure including enterprise, metro, home and storage networking. As used in this release, the terms "company" and "Marvell" refer to Marvell Technology Group Ltd. and its subsidiaries, including Marvell Semiconductor, Inc. (MSI), Marvell Asia Pte Ltd (MAPL), Marvell Japan K.K., Marvell Taiwan Ltd., Marvell International Ltd. (MIL), Marvell U.K. Limited, Marvell Semiconductor Israel Ltd. (MSIL), Marvell Software Solutions Israel Ltd., and Marvell Semiconductor Germany GmbH. MSI is headquartered in Santa Clara, California and designs, develops and markets products on behalf of MIL and MAPL. MSI may be contacted at (408) 222-2500 or at <http://www.marvell.com>.

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This release contains forward-looking statements based on projections and assumptions about our products and our markets. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," "may," "will," "should," and their variations identify forward-looking statements. Statements that refer to, or are based on projections, uncertain events or assumptions also identify forward-looking statements. These statements are not guarantees of results and are subject to risks and uncertainties. Some risks and uncertainties that may adversely impact the statements in this release about the products described in this release include, but are not limited to, the performance, capabilities and adoption of products including the Alaska 88E1240. For other factors that could cause Marvell's results to vary from expectations, please see the sections titled "Risk Factors" in Marvell's quarterly report on Form 10-Q for the fiscal quarter ended April 29, 2006 and other factors detailed from time to time in Marvell's filings with the Securities and Exchange Commission. We undertake no obligation to revise or update publicly any forward-looking statements.

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