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Marvell Extends Industry Leadership in Consumer Embedded Wi-Fi With New Single Stream 802.11n Device

Marvell 88W8786 Delivers Exceptional Wi-Fi Performance and Quality for Consumer Electronics in a Cost Efficient Package

LAS VEGAS, Jan. 8 /PRNewswire-FirstCall/ -- Marvell(R) (Nasdaq: MRVL), an industry leader in storage, communications and consumer silicon solutions, today introduced the Marvell 88W8786, an 802.11n single stream Wi-Fi solution designed for a broad range of mainstream consumer devices. With this technology, Marvell makes high-performance 802.11n Wi-Fi available to more consumer electronics manufacturers of digital cameras, printers, gaming platforms and more, by lowering costs, reducing power consumption and decreasing the silicon footprint.

(Photo: http://www.newscom.com/cgi-bin/prnh/20090108/AQTH066)

(Logo: http://www.newscom.com/cgi-bin/prnh/20070411/SFW034LOGO)

"Marvell expects the majority of the industry to move to 802.11n and with the 88W8786 we believe we have created an affordable, embedded product offering with superior range and throughput, low power consumption and a small footprint as compared to current 802.11n solutions," said Dr. Partho Mishra Vice President and General Manager, Embedded and Emerging Business Unit, Communications and Consumer Business Group at Marvell. "Our customers have traditionally selected Marvell embedded Wi-Fi solutions because they combine great performance with extremely low power consumption. With the Marvell 88W8786, we believe manufacturers will be able to embed the newest Wi-Fi technology in devices for cost-sensitive market segments."

According to IDC, the worldwide Wireless LAN (WLAN) semiconductor market is expected to grow to approximately $4.4 billion in 2012 from $1.58 billion in 2007 representing a compound annual growth rate of 22.8% over this period. In addition, 802.11n technology is expected to be the next growth driver for this market as the higher throughput and range provide a great opportunity for new applications and usage models.(1)

The Marvell 88W8786 is designed to support bit rates up to 150Mbps and to support STBC and various aggregation schemes for increased range and robustness, providing high throughput. By leveraging Marvell's existing software base and industry leading expertise in embedded-WLAN, Marvell expects that the transition to its new 802.11n single stream technology will be seamless for manufacturers that are already using 802.11g and even multiple stream 802.11n.

The Marvell 88W8786 has been sampling with multiple customers since mid 2008, with end products currently expected to be in production in Q1 2009. Marvell will be demonstrating

this, and other technologies for consumer electronics, at the 2009 International Consumer Electronics Show, at the Las Vegas Convention Center, South Hall. Booth #35344, January 8 - 11.

For more information on this device, and other Marvell Wi-Fi technologies, please visit http://www.marvell.com/products/wireless/index.jsp.

About Marvell

Marvell (NASDAQ: MRVL) is a leader in the development of storage, communications and consumer silicon solutions. Marvell'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 term "Marvell" refers to Marvell Technology Group Ltd. and its subsidiaries. For more information, visit http://www.marvell.com.

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(1)IDC, Worldwide WLAN Semiconductor 2008-2012 Forecast, Doc # 214316, September 2008

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