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Marvell Showcases Industry-Leading Connectivity Solutions Enabling the Connected Lifestyle at CES 2012

Wireless and wired, from the living room to the road, Marvell's connectivity solutions link consumers to the content that fuels and enriches their lives

SANTA CLARA, Calif., and LAS VEGAS, Jan. 9, 2012 /PRNewswire/ -- Marvell (Nasdaq: MRVL), a worldwide leader in integrated silicon solutions, is exhibiting its robust portfolio of connectivity solutions for mobile, gaming, digital home entertainment, personal computing, networking, automotive and smart energy at the 2012 Consumer Electronics Show, being held Tuesday, Jan. 10 – Friday, Jan. 13, in Las Vegas.

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

"Consumers in 2012 are savvy – they expect a seamlessly connected lifestyle enabled by easy-to-use, elegant and functional electronic systems. The key to giving consumers that access is fully integrated connectivity that fuels the new gadgets they crave," said Dr. Gerry Liu, vice president of marketing for connectivity products at Marvell Semiconductor, Inc. "Marvell gives our customers a robust portfolio of connectivity solutions – from wireless solutions for everything from mobile devices to smart energy management and wired solutions for the home – giving consumers ultimate control of their connected lives."

Marvell's Wireless Connectivity Solutions

Marvell's family of Avastar™ wireless products is integral to the company's connectivity solutions. Avastar chips serve as the wireless linchpin for Marvell's fully-integrated system on chips (SoC) platforms, providing the most robust Wi-Fi connectivity in the industry for mobile devices, gaming consoles, automobiles, smart appliances, printers, routers, televisions, set-top boxes and Blue-ray players.

The Avastar wireless portfolio includes wireless solutions designed for every need, whether it's the unparalleled performance of the Avastar 88W8764 4x4 access point with Marvell's transmit beamforming (Tx BF) technology or the affordability of the least expensive Wi-Fi solution available on the market, the Avastar 88W8782 11n 1x1, which effortlessly connects printers and other consumer electronic devices to Wi-Fi networks. Recently, the latest wireless SoC in the Avastar line – the 88W8797, the first high-performance multiple-input multiple-output (MIMO) Wi-Fi + Bluetooth + FM combination radio with advanced power management designed specifically for next-generation handheld products – was recognized by CES in the 2011 Innovation Awards and named one of EDN's Hot 100 Products of 2011.

Marvell is the only company in the industry to incorporate Tx BF across a broad Wi-Fi portfolio, improving the wireless performance of current devices two to three times and aligning customers with upcoming, industry-wide specifications.

The newest addition to Marvell's wireless connectivity portfolio is the 88MZ1000 ZigBee SoC, which leverages the company's proven strengths in powerful, energy efficient computing and wireless networking, and combines it with Marvell's LED drivers to provide a total solution for LED lighting control and home automation applications. The SoC's ZigBee gateway acts as an adaptor that facilitates control of both ZigBee and Wi-Fi enabled smart devices using a standard IP network infrastructure.

Marvell's Wired Connectivity Solutions

Marvell's wired connectivity solutions answer the surging consumer demand for high-speed and highly robust home networking, enabling the complete unification of the wireline network to distribute more content to more screens in more rooms in the home.

Marvell stands out in offering a complete set of connectivity solutions that enables original equipment and design manufacturers to select complete multi-technology design packages to create systems that provide seamless and engaging experiences for consumers. From G.hn to Audio Video Bridging (AVB) enabled switches to multi-path Wi-Fi and traditional Ethernet LAN controllers, Marvell customers can create compelling new services for consumers on the market's most popular connected platforms.

The family of products includes the recently-announced the ITU-T G.hn compliant transceiver chipset, which Electronic Design recently named the "Best Wired Product" of 2011. According to Electronic Design, Marvell's G.hn chipset "solves the wired home networking challenge.… [Marvell's G.hn chipset is] ideal for the wired distribution of bandwidth-intensive and real-time applications such as HD Internet Protocol television (IPTV), Voice over Internet Protocol (VoIP), gaming, multi-room DVR, and video surveillance."

Availability

Marvell will be demonstrating its connectivity solutions at the 2012 Consumer Electronics Show (CES) in its booth, No. 30542, located in South Hall 3 on the upper level. CES will be held Tuesday, Jan. 10 – Friday, Jan. 13, 2012, at the Las Vegas Convention Center (150 Paradise Road, Las Vegas).

About Marvell

Marvell (NASDAQ: MRVL) is a world 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 Marvell.com.

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