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Marvell Demonstrates Technology Leadership in Internet of Things and Wireless and Showcases Tier 1 Design Wins at Mobile World Congress 2015

- Open sources KinomaJS application framework to accelerate growth of the IoT industry

- Unveils groundbreaking silicon and software solutions to help mobile and fixed line operators, service providers and device manufacturers power leading-edge capabilities such as streaming video in LTE multi-cast mode and Indoor Location

- Enhances the mobile and smart home consumer experience with global tier-one design wins with Google, Samsung and Xiaomi

SANTA CLARA, Calif. and BARCELONA, Spain, March 2, 2015 /PRNewswire/ -- Marvell (NASDAQ:MRVL) – a worldwide leader in providing complete silicon solutions from mobile communications to storage, Internet of Things (IoT), cloud infrastructure, digital entertainment and in-home content delivery and Kinoma® software enabling the "Smart Life and Smart Lifestyle," – is demonstrating this week at Mobile World Congress 2015 in Barcelona, Spain its broad portfolio of end-to-end silicon and software solutions for the IoT, mobile, connectivity and smart home ecosystems. As one of the industry's most innovative silicon design companies, Marvell continues to lead with groundbreaking technologies and solutions to the market, announcing today it has open sourced the KinomaJS application framework; its new capabilities for LTE broadcast now with support for eMBMS technology; support for Neighbor Awareness Networking (NAN) and Indoor Location technologies; and design wins with global tier-one partners and manufacturers including Google, Samsung and Xiaomi. Demonstrations will also include the recently announced Marvell ARMADA® Mobile PXA1908 and PXA1936, as well as the Smart Home Cloud Center™.

"The announcement of our KinomaJS application framework through open source marks an exciting milestone. I am very proud of our leadership in driving IoT adoption and providing the ability for our customers to create the next wave of connected devices. I am also proud of our many contributions in enabling the mass smartphone market from 3G now to 4G LTE as well as our innovation in wireless that brings leading-edge technology capabilities such as streaming video in LTE multi-cast mode and support for NAN to our solutions," said Weili Dai, President and Co-Founder of Marvell. "Marvell's partnerships within the vast mobile ecosystem – from tier one carriers to the top OEMs worldwide – are enabling the development of feature-rich, cost-effective devices for the 'Smart Life and Smart Lifestyle.' It

is our mission and our passion to lead the industry with invention, innovation and creation of new technologies to better the lives of all consumers around the world."

Expanding the Company's Internet of Things Offerings

- Marvell Open Sources KinomaJS to Accelerate Growth of the Internet of Things Industry – Marvell has open sourced the KinomaJS application framework which is uniquely designed to build the core applications of embedded devices using JavaScript. Field-tested and proven by major consumer electronics brands, KinomaJS has long been a "secret ingredient" built into millions of world-class products. Now it is open to the world.
- Xiaomi Launches New Series of Smart Home Products Powered by Marvell's Best-in-Class End-to-End Internet of Things Platform – Xiaomi has launched a smart module built on the Marvell IoT chipset; the module also has been integrated into Xiaomi's smart air purifier and smart hub for its smart home products.

Advancing the Modular Handset Ecosystem and Marketplace

- Marvell Partners with Google's Advanced Technology and Products (ATAP) Group to Support Project Ara – Marvell's industry-leading quad-core 64-bit 5-mode 4GLTE ARMADA Mobile PXA1928 solution supports Google in revolutionizing smartphone designs. The Project Ara modular smartphone platform is designed to lower barriers to entry, increase the talent pool for hardware developers and significantly compress hardware development and new technology insertion time scales.

Samsung Selects Marvell to Power New Mass Market Smartphone

- Samsung Launches New Global Mass Market Galaxy J1 LTE Smartphone Powered by Marvell's Industry-Leading ARMADA Mobile PXA1908 Platform – Marvell's ARMADA Mobile PXA1908 platform and advanced Avastar® 88W8777 wireless connectivity solution were selected by Samsung Mobile to power select models of its new global LTE smartphone, the recently launched Samsung Galaxy J1 LTE smartphone.

Providing Support for LTE Broadcast and Advanced Wireless Technologies

- Marvell Advanced Avastar Connectivity Solution Supports New Social Wi-Fi and Indoor Location Technologies – Marvell's advanced Avastar 88W8887 and 88W8897 System-on-Chips (SoCs), now support NAN, a Wi-Fi Alliance (WFA) certification also referred to as Neighbor Awareness Networking. The connectivity platforms also support the latest advanced indoor location technology from Indoo.rs.
- Marvell Enhances Its LTE Broadcast Capabilities for Global Operators and OEMs with eMBMS Technology – Marvell's award-winning ARMADA mobile platforms, including the PXA1802, PXA1920, PXA1928, PXA1908 and PXA1936, have been enhanced to support eMBMS (evolved Multimedia Broadcast and Multicast Service) technology, enabling smartphones, mobile hotspots and home gateways to play multicast video streams starting with Android L operating system support.

Marvell at Mobile World Congress
Marvell's latest technologies will be showcased at Mobile World Congress 2015, being held March 2 –March 5, 2015, at Fira Gran Via in Barcelona. To see demonstrations and learn more, show attendees and media can visit the Marvell booth, located in Hall 8.1 Stand CC8.13-15.

About Marvell
Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions and Kinoma software enabling the "Smart Life and Smart Lifestyle." From mobile communications to storage, Internet of Things (IoT), 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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