March 2, 2015

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

SANTA CLARA, Calif., 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," – today announced that it is partnering with Google's Advanced Technology and Products (ATAP) Group to support Project Ara with Marvell's industry-leading quad-core 64-bit 5-mode 4GLTE ARMADA® Mobile PXA1928 platform. 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.

"I am very pleased that Google has selected our industry-leading quad-core 64-bit 5-mode 4G LTE ARMADA Mobile PXA 1928 solution for its pioneering Project Ara platform. The modular architecture of Project Ara not only provides users with flexibility and cost benefit but also offers a unique platform for great innovation," said Weili Dai, President and Co-Founder of Marvell. "The long-term partnership between Google and Marvell has resulted in many groundbreaking products to consumers around the world. As a leader of the global semiconductor industry, it is our mission and passion to continue raising the technology bar and providing the benefit of technology to better people's lives."

First launched in early 2014, the Marvell ARMADA Mobile PXA1928 is a 64-bit quad-core ARM Cortex-A53 running at 1.5GHz with Marvell's mature and field-proven 5-mode modem technology to provide a cost effective Linux and Android mobile platform. It supports 2G/3G/4G communications and enables an enhanced end-user experience for multimedia and gaming applications with universal connectivity. It supports all global mobile broadband standards, including LTE TDD/FDD, HSPA+, TD-HSPA+ and EDGE. It also supports multi-radio, CSFB and VoLTE solutions for LTE networks and features the GC5000 GPU with full HD capability providing high-performance and low-power computing for media-centric mobile devices. The company's complete mobile platform solution includes Marvell's advanced Avastar® 88W8887 802.11ac wireless local area network (WLAN) + Bluetooth 4.0 + FM single-chip SoC + Near Field Communication (NFC) and the 88L2000 global navigation satellite system (GNSS) hybrid location processor, multi-mode multi-band LTE RF transceiver and an integrated power management and audio codec integrated circuit (IC).

To learn more about the Marvell's family of communication processors, visit http://www.marvell.com/communication-processors/.

Marvell at Mobile World Congress
Marvell's latest technologies will be displayed at Mobile World Congress 2015, held March 2-5, 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 No. CC8.14.

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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