

Marvell Launches ARMADA Mobile PXA1936 Octa-Core 64-Bit 5-Mode 4G LTE Turnkey Reference Design To Accelerate The Mass Adoption Of Mobile Solutions

Marvell's innovative turnkey solution is designed to reduce OEM's time-to-market and optimize the BOM cost of high performance smartphones and tablets

SANTA CLARA, Calif. and TAIPEI, Taiwan, June 1, 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, in-home content delivery and [Kinoma](#)® software enabling the "Smart Life and Smart Lifestyle" – today announced the launch of Marvell's ARMADA® Mobile PXA1936 octa-core 64-bit 5-mode 4G LTE turnkey reference design to accelerate the mass adoption of mobile solutions. Building on the recently announced ARMADA Mobile PXA1936 system-on-chip (SoC), the PXA1936 turnkey reference platform provides complete design collateral including hardware design, full software release, and manufacturing tools dramatically reducing OEM's time-to-market as well as optimizing the bill of materials (BOM) cost of smartphones and tablets. The platform also includes Marvell's RF transceiver RF858, power management IC, PM880, with integrated audio codec and battery charger, Marvell's award-winning Avastar® 88W8777, and location solution, L200R.

"I am very pleased to launch our industry-leading octa-core 64-bit 5-mode 4G LTE turnkey reference platform. Our goal is to significantly reduce the time-to-market and provide cost-effective solutions for our ecosystem partners," said Weili Dai, President and Co-Founder of Marvell. "Our leadership in 4G LTE technology, and close collaboration with top global operators and tier-one OEMs have significantly accelerated the mass deployment of 4G LTE around the world."

The PXA1936 octa-core turnkey reference design is a major effort by Marvell to provide end-to-end solutions, building on Marvell's advanced SoC designs, which are optimized for performance and cost. With Marvell's turnkey reference platform, an OEM can drastically reduce the time to mass production with the approved and required carrier and field testing.

Key features of Marvell's ARMADA Mobile PXA1936 Turnkey Reference Design include support for:

- 5" HD (1280x720) screen resolution
- 4G LTE with DSDS
- Octa-core A53 1.5GHz
- 13MP rear camera/5MP front camera
- 16GB Flash and 2GB RAM
- Android 5.1 Lollipop
- 2500mAh battery

For further information about Marvell's ARMADA Mobile PXA1936, please visit: <http://www.marvell.com/communication-processors/pxa1936/>.

Marvell will be demonstrating its mobile solutions during Computex June 2-5, 2015 as part of its award-winning, diverse product portfolio advancing the delivery of cloud services throughout the ecosystem and powering today's revolutionary Smart devices.

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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For Further Information Contact:

Marvell Media Relations

Sue Kim

408-222-1942

suekim@marvell.com

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