

## Marvell Launches Highly Integrated Quad-Core 64-Bit ARMADA Mobile PXA1908 Platform For The Fast Growing 5-Mode 4G LTE Worldwide Mass Market

**Marvell's ARMADA Mobile PXA1908 platform features quad-core 64-bit ARM Cortex A53, efficient power management, integrated location and sensor technology, and field proven 5-mode 4G LTE modem technology**

SANTA CLARA, Calif., Nov. 17, 2014 /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 the highly integrated quad-core 64-bit ARMADA® Mobile PXA1908 platform, extending its [award-winning](#) ARMADA Mobile product family. Targeted for the fast growing 5-mode 4G LTE worldwide mass market, Marvell's cost optimized mobile processor features ARM Cortex A53, efficient power management, integrated location and sensor technology, and field proven 5-mode 4G LTE modem technology. The PXA1908 mobile processor maintains complete software compatibility with the octa-core [ARMADA Mobile PXA1936](#), enabling OEMs and ODMs to quickly and seamlessly launch a higher performing octa-core mobile phone. The ARMADA mobile PXA1908 supports today's most popular cellular communications including: TD-LTE, FDD-LTE, TD-SCDMA, WCDMA and GSM.

"Built upon our worldwide leadership and proven track record in enabling high performance, low power, and affordable 4G LTE smartphones since last year, I believe our new ARMADA Mobile PXA1908 will further empower global mobile operators and tier-one OEMs to quickly expand the 4G LTE market to entry-level smartphones and greatly accelerate its deployment to the mass market around the world. With PXA1908's field-proven 5-mode 4G LTE modem, high level of integration, low power consumption, cost effective architecture and the 64-bit quad-core processor supporting the latest Android operating system, I believe Marvell has once again raised the technology bar," said Weili Dai, President and Co-Founder of Marvell. "I'm very thankful for our global teams of talented engineers for their innovation, invention and dedication to continually leading the industry and delivering best-in-class mobile solutions. At Marvell, it is our mission and passion to make the world a better place for all."

The 64-bit quad-core 5-mode LTE system-on-chip (SoC) is designed to address the fast growing LTE market, enabling easy integration from 2G and 3G connectivity to 4G LTE. Marvell's 64-bit family of mobile SoCs also pave the way for device makers to release 64-bit tablets and smartphones with the Android L operating system. Major smartphone vendors are expected to begin shipping products powered by Marvell's PXA1908 globally in early 2015.

Key features of the Marvell ARMADA Mobile PXA1908 include:

- Cost optimized quad-core Cortex A53, up to 1.2GHz clock speed
- Improved image processing to support 8MP to 13MP camera
- Advanced power management
- Supports 720p display
- Field proven DSDS software for 5-mode modem

To learn more about the Marvell PXA1908 processors, visit <http://www.marvell.com/communication-processors/pxa1908>.

### 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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