Marvell Unveils Industry's First Mass Market Quad-Core 5-Mode Category 4 LTE Single-Chip Solution, Accelerating Mobile Broadband Adoption Worldwide

Marvell introduces the PXA1088 LTE, expanding the best-in-class unified multi-core worldmode single-chip ARMADA Mobile family with LTE Category 4 capability and 5-mode cellular support

SANTA CLARA, Calif., May 20, 2013 /[PRNewswire](#)/ -- Marvell (Nasdaq: MRVL) today announces its new PXA1088 LTE, the industry's first mass market quad-core 5-mode Category 4 LTE single-chip solution supporting LTE TDD and FDD, High Speed Packet Access Plus (HSPA+), Time Division High Speed Packet Access Plus (TD-HSPA+) and Enhanced Data for GSM Environment (EDGE). Expanding its unified multi-core worldmode single-chip ARMADA® Mobile family, Marvell is making significant progress on LTE design wins with global Tier-1 OEMs.

(Logo: https://investor.marvell.com/image/Marvell_logo.jpg)

"I believe the LTE high-performance capability is critical for mobile devices such as smartphones, tablets and ultrabooks. Today, we are increasingly accessing live contents that requires high bandwidth and high throughput for all mobile computing, social networking, cloud gaming and other data intensive applications that are part of our daily lives. I'm very proud of our success with the multi-core 3G unified platform solution for the global mass market penetration. Now expanding the success of the quad-core PXA1088 3G worldmode mobile solution family, our new LTE device, the PXA1088 LTE, delivers best-in-class performance, shortens the time to market and enables seamless migration from 3G to 4G with worldwide LTE for our global Tier-1 OEMs and operators," said Weili Dai, Co-Founder of Marvell. "I believe this is a game-changing movement for the industry to offer global consumers all the cost and performance benefits and freedom that LTE mobile broadband connectivity provides. Marvell's mission and passion are to lead our great innovation to make the world a better place through affordable and high-performance solutions to better peoples' lives. I'm very thankful for our global team of talented engineers for their hard work, innovation and dedication."

Marvell's advanced LTE modem technology is field proven and certified by major global operators, such as China Mobile. The PXA1088 LTE of Marvell's ARMADA Mobile family is designed to support the highest levels of performance available in the industry today with Category 4 throughputs of 150 Mbps DL (Down Link) and support for LTE in both FDD and TDD modes. Additionally, the PXA1088 LTE features mature and proven WCDMA and TD-SCDMA modem technology with a dual-radio dual link LTE voice solution, in addition to a Circuit Switched Fallback (CSFB) voice solution.

The Marvell PXA1088 platform incorporates the performance of a quad-core ARM Cortex-A7 with advanced Avastar® wireless connectivity, including WLAN + Bluetooth 4.0 + FM single-chip SoC and the L2000 GNSS Hybrid Location Processor, as well as an integrated power management and audio codec IC.

About Marvell

Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions enabling the digital connected lifestyle. From mobile communications to storage, 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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