Marvell's Mobile LTE Solution To Power Lenovo's First TD-LTE Advanced Smartphone

Marvell's industry leading ARMADA Mobile quad-core PXA1088 LTE single-chip platform enables high performance, field-proven connectivity and cost effective solution for Lenovo's A788T mainstream 4G LTE smartphone

SANTA CLARA, Calif., Feb. 18, 2014 /PRNewswire/ -- Marvell (Nasdaq: MRVL) a worldwide leader in integrated silicon solutions, today announced that its industry-leading ARMADA® Mobile LTE solution, a highly integrated quad-core application and communications System-on-Chip (SoC) platform, will power leading global electronics manufacturer, Lenovo's first TD-LTE smartphone which is well positioned to support China Mobile's plans to sell 100 million 4G LTE smart phones in 2014. The Android-based Lenovo A788T smartphone is priced around 1,000 RMB (approx U.S. $165) and is well positioned to drive the rapid adoption of 4G LTE. It will support three communication modes, Time Division Long-Term Evolution (TD-LTE), Time Division Synchronous Code Division Multiple Access (TD-SCDMA), and Global Systems for Mobile (GSM).

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

"I believe 2014 is a big year for the global mass deployment of 4G LTE. I am excited that a leading global OEM, Lenovo has chosen the Marvell PXA1088LTE single-chip solution to power its first 4G LTE smartphone in China. Lenovo is a great partner of ours and I am pleased that we have a close cooperation with them to bring such an innovative, affordable 4G LTE smartphone to the mass market to better our lives," said Weili Dai, President and Co-Founder of Marvell. "I am very proud of our innovative and dedicated global engineering teams in leading the advancement of the 4G LTE technology. The Lenovo A788T is the latest addition to the list of 4G LTE smartphones based on Marvell's industry leading mobile platforms. We will continue to collaborate closely with global operators and consumer electronics manufacturers to drive the mass adoption of 4G LTE smart devices in China and around the world."

"We are proud to partner with Marvell on our 4G LTE A788T smartphone for China's highly promising 4G market," said Chen Wenhui, Vice President of Lenovo Mobile Business Group. "Marvell's industry-leading LTE solutions have been a great match for our engineering teams and we look forward to further collaborate with Marvell to enable smart devices for China and the global market."

This device launch marks the first 4G collaboration between Lenovo and Marvell for the China market, further demonstrating Marvell's leadership of 4G connectivity in established and emerging markets worldwide. Marvell has continued to work closely with global original equipment manufacturers (OEMs) such as Lenovo to bring to market high performance, Marvell-powered 4G-enabled smartphones for the 1000 RMB LTE device market. With a quad-core ARM Cortex-A7 application processor, PXA1088LTE incorporates high performance graphics together with Marvell's advanced Avastar® 88W8777 wireless connectivity, including WLAN + Bluetooth 4.0 + FM single-chip SoC, the L2000 GNSS Hybrid Location Processor, an integrated power management unit with audio codec IC, and 88RF858 high-performance multimode LTE transceiver.

Key features of the Lenovo A788T smartphone include:

- Marvell ARMADA Mobile PXA1088 LTE, Quad-core 1.2 GHz CPU
- 5-Inch IPS screen
- 8GB ROM + 1GB RAM memory
- 8M pixel+0.3M pixel camera
- Battery power of 2000mAh
- Android Jelly Bean 4.3

About the Marvell ARMADA Mobile PXA1088 LTE:

The Marvell PXA1088LTE combines Marvell's leading silicon and cellular modem expertise to enable the design of high-performance, low-power smartphone and tablet devices that can be used and supported with configurations for TDD-LTE (Time Division Duplex Long Term Evolution), FDD-LTE (Frequency Division Duplex Long Term Evolution), TD-SCDMA, WCDMA (Wideband Code Division Multiple Access) and EGPRS (Enhanced GPRS). This multimode LTE chipset supports next generation LTE standards with Category 4 throughputs of up to 150 Mbps DL (Down Link) and 50 Mbps UL (Up Link) and Release 8 TD-SCDMA HSPA+. It integrates all of 2G, 3G and 4G mobile broadband modem technologies on a single chip, fully backward compatible with current China TD-SCDMA network and supporting the next generation TDD/FDD network. For more information about the Marvell PXA1088LTE, please visit:

http://www.marvell.com/communication-processors/pxa1088/assets/Marvell_Armada_PXA1088LTE-

Marvell at Mobile World Congress

Marvell's latest technologies will be showcased at Mobile World Congress 2014, being held Feb. 24 – 27, 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. CC8.13.

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, 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.

As used in this release, the term "Marvell" refers to Marvell Technology Group Ltd. and its subsidiaries. For more information, please visit www.Marvell.com.

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