

Marvell Continues 4G LTE Leadership With The Launch Of Yulong Coolpad's High-Performance Smartphone Certified By China Mobile

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SANTA CLARA, Calif., Dec. 2, 2013 /PRNewswire/ -- [Marvell](#) (NASDAQ: MRVL) today announced the continuation of its 4G LTE leadership with the launch of Yulong Coolpad's high-performance smartphone certified by China Mobile. Marvell's 4G LTE modem solution enables the production of Yulong Coolpad's 8736 smartphone and is among the first 4G LTE smartphones certified by China Mobile. Marvell has been a leading provider of advanced Time Division Synchronous Code Division Multiple Access (TD-SCDMA) technology for China Mobile and now delivers its latest Time Division Long-term Evolution (TD-LTE) solution, with its ARMADA® PXA1802 platform. Marvell's power efficient dual link solution helps China Mobile migrate its service from 3G to 4G LTE with minimal impact to its network infrastructure. Yulong's first China Mobile-certified 4G LTE smartphone, the Yulong Coolpad 8736 based on Marvell's solution, caters to mass-market consumers and now shipping to China Mobile's subscribers. "I believe this coming year is a big year for 4G LTE deployment for the global mass market. I am extremely excited to see China Mobile's leadership in 4G LTE technology and Yulong Coolpad launching a 4G LTE smartphone with Marvell in China. This is a major milestone in our collaboration with global operators and OEMs to empower the world's consumers with high performance 4G LTE products," said Weili Dai, President and Co-Founder of Marvell. "I am very proud to see our effort and innovation in our advanced 4G LTE solution which has made a number of significant contributions to the high-tech industry. I would like to congratulate Yulong Coolpad for successfully launching this product to address the growing mass market for 4G LTE, and I am very thankful to the passionate and dedicated Yulong Coolpad and Marvell engineering teams for their hard work and dedication."

(Photo: <http://photos.prnewswire.com/prnh/20131202/SF25247>)

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

From making the world's first voice over TD-LTE call to completing carrier certification in the largest mobile operators in North America and Asia, Marvell has been an integral part in the increased development of China's 4G LTE and rapid growth of the smartphone market in China. Specifically for the 8736 smartphone, Yulong Coolpad selected Marvell for the company's leadership and support in delivering solutions that enable global consumers the cost and performance benefits that LTE mobile connectivity provides. Marvell continues to deliver solutions that accelerate the accessibility of LTE devices and promotes global mass market penetration – with China Mobile-certified devices – the country's biggest carrier.

The Yulong Coolpad 8736 features Marvell's ARMADA PXA1802 modem+ PMIC components, as well as the Marvell's 88rf838 TD transceiver. It also features a 5.0-inch 720P LCD, 4GB EMMC + 1GB DDR, an 8M back camera + 0.3M front camera and the Android 4.2 operating system.

"As a global tier one smartphone manufacturer, Yulong Coolpad is committed to promoting the development of the TD-LTE industry. We are proud that the Coolpad 8736 has become one of the first LTE smartphones certified by China Mobile," said Mr. Zhang Guangqiang, Vice President of Yulong Coolpad. "Marvell's industry leading TD-LTE solutions and its superior technical support make the company an excellent partner for our smartphones. I am very thankful for the innovation, dedication, and contributions of the Yulong Coolpad and Marvell global engineering teams. We look forward to further expanding our successful collaboration with Marvell and introducing more new LTE smartphones that offer consumers a powerful performance, a premium design and the highest quality."

About the Marvell ARMADA Mobile PXA1802 LTE Modem

The Marvell PXA1802 multimode 4G LTE modem chipset supports next generation LTE standards with Category 4 150Mbps (megabits-per-second) downlink throughput and Release 8 TD-SCDMA HSPA+, Marvell PXA1802 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. Combining silicon and cellular expertise for mobile broadband connectivity, the PXA1802 features multiple voice support such as Compared to Circuit-Switch Fallback (CSFB), Voice over LTE (VoLTE) and dual-radio dual link LTE (DRDL). The 1802 LTE thin-modem combines Marvell's leading silicon and cellular expertise to provide the state-of-arts mobile broadband connectivity for multitude of consumer devices, such as, high-performance, low-power smartphones, tablet devices, mobile hotspot devices and laptops. These devices can be used worldwide since they support global access configurations for Time-Division Duplex-Long-Term Evolution (TDD-LTE), Frequency Division Duplex-Long-Term Evolution (FDD-LTE), Time Division Synchronous Code Division Multiple Access (TD-

SCDMA) and Enhanced GPRS (EGPRS).

For more information about the Marvell PXA1802, please visit http://www.marvell.com/communication-processors/pxa1802/assets/Marvell_PXA1802-001_platform_brief.pdf.

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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