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Hisense Launches High Performance and Affordable TD-LTE Smartphone Powered by Marvell for China's Mass Mobile Market

Marvell continues to lead the 4G LTE market with the latest Hisense X8T smartphone featuring Marvell's industry leading ARMADA Mobile quad-core PXA1088 LTE single-chip solution

SANTA CLARA, Calif., Feb. 18, 2014 /PRNewswire/ -- [Marvell](#) (Nasdaq: MRVL) a worldwide leader in integrated silicon solutions, today announced that Hisense, a leading Chinese electronics manufacturer, launched the 4G X8T LTE smartphone for the 1,000 RMB (approx U.S. \$165) LTE market in China. Hisense's latest smartphone is well positioned to support [China Mobile's projected 100 million 4G LTE smart phone market in 2014](#). Hisense X8T features Marvell's ARMADA® Mobile PXA1088 LTE single-chip solution, Marvell's advanced Avastar® 88W8777 (Wi-Fi/BT 4.0/FM), 88RF838 and 88RF858 (RF), 88L1000 (GPS) and PM820 (audio/power management).

(Logo: <https://photos.prnewswire.com/prnh/20100719/SF36559LOGO-b>)

"I am very pleased that Hisense has chosen the Marvell PXA1088 LTE to power its mass market 4G LTE smartphone," said Weili Dai, President and Co-Founder of Marvell. "At Marvell, we're committed to working with the entire mobile ecosystem to deliver high performance and cost-effective 4G LTE solutions for the mass adoption of 4G LTE smartphones in China and around the world."

"We are proud to launch our first 4G LTE smartphone powered by Marvell. Marvell's industry leading 4G LTE solutions have enabled us to deliver highly differentiated Hisense products to the mass market," said Lu Qingya, General Manager of Hisense Communication from Hisense. "We look forward to further expanding our successful collaboration and introducing more smartphones that offer consumers powerful performance and premium quality at an affordable price."

Marvell's high performance, single-chip solution features a quad-core ARM Cortex A7 processor with high performance graphics integrated with field-proven cellular modems supporting LTE TDD and FDD, High Speed Packet Access Plus (HSPA+), Time division High Speed Packet Access Plus (TD-HSPA+), Wideband Code Division Multiple Access (WCDMA) and Enhanced Data for GSM Environment (EDGE). The 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 Hisense X8T smartphone include:

- Marvell ARMADA Mobile PXA1088 LTE, Quad-core 1.2 GHz CPU
- 5-Inch, FWVGA screen
- 4GB ROM+1GB RAM memory
- 5M pixel camera
- 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-03_platform_brief.pdf

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.

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