

## Samsung Selects Marvell's Industry Leading China 3G TD-SCDMA Solution For Its New S5820 Android Smartphone With Breakthrough Social-Networking, Mobile Gaming And Mobile TV Capabilities

**Marvell continues to drive mass market adoption of China's 3G TD-SCDMA standard and affirms the leadership of its PXA920, the industry's first commercially available single-chip TD-SCDMA solution, and its Avastar 88W8787 wireless solution**

SANTA CLARA, Calif., Oct. 19, 2011 /PRNewswire/ -- Marvell (NASDAQ: MRVL), a worldwide leader in integrated silicon solutions, today announced Samsung has launched the new S5820, a China 3G TD-SCDMA (Time Division Synchronous Code Division Multiple Access) Android smartphone for China Mobile, equipped with social-networking, mobile gaming and mobile TV features all at an affordable price point. Samsung's latest smartphone is powered by the Marvell® PXA920 platform, the first commercially available single-chip solution that integrates a high-performance, low-power application processor with an advanced multimode modem, supporting China Mobile's TD-HSPA (Time Division High-Speed Packet Access) network. It also features the Marvell Avastar™ 88W8787 wireless solution, which is Bluetooth 3.0 and FM enabled, offering exceptional Wi-Fi range with beamforming technology, robust 802.11n connectivity and crystal clear audio quality. The phone is available now through the retail stores of China Mobile, the largest mobile carrier in the world with over 650 million subscribers.

(Logo: [https://investor.marvell.com/image/Marvell\\_logo.jpg](https://investor.marvell.com/image/Marvell_logo.jpg))

"I believe Marvell's industry-leading TD-SCDMA solution has been the game-changer in driving China's rapid, massive migration from 2G to 3G mobile technology. The launch of this elegant new smartphone by Samsung, one of our top-tier global OEM partners, endorses our long-time belief in the demand for China's 3G TD-SCDMA smartphones and other smart devices," said Weili Dai, Marvell's Co-Founder. "I am very proud to see our advanced mobile technology empowering so many attractive and key functions like social networking, mobile gaming and mobile TV, all in one device at a very affordable cost. Thanks to the hard work and innovation of our engineering teams, we can now bring this highly integrated breakthrough technology to the mass market and enable the 'Connected Lifestyle' for all consumers."

The S5820 smartphone continues Samsung's long tradition in quality and reliability, delivered in a sleek and sophisticated form factor design. The S5820 also supports China Mobile's latest TD-SCDMA network capability—High-Speed Uplink Packet Access (HSUPA)—further enabling a compelling user experience in web browsing, social networking and microblogging.

Additional specifications include:

- Marvell PXA920 800MHz CPU with support for TD-HSPA and GSM/EDGE
- Marvell Avastar 88W8787 Wi-Fi, Bluetooth, and FM enabled; 802.11n compliant
- Marvell Mobile Hotspot capability
- Marvell PM8607 integrated audio and power management
- 3.5" HVGA capacitive touch screen
- Android Gingerbread 2.3 operating system
- Built-in social networking applications including Kaixin, Renren, Feixun and Weibo
- Easy access to Chinese Multi Media Broadcasting and other rich applications
- 3MP camera and video feature

For more information about the Marvell PXA920, please visit <http://www.marvell.com/communication-processors/pxa920/index.jsp> or contact a sales representative.

### About Marvell

Marvell is a world leader in the development of storage, communications, and consumer silicon solutions.

Marvell's diverse product portfolio includes switching, transceiver, communications controller, wireless, and storage solutions that power the entire communications infrastructure including enterprise, metro, home, and storage networking. As used in this release, the term "Marvell" refers to Marvell Technology Group Ltd. and its subsidiaries. For more information, visit [Marvell.com](http://Marvell.com).

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