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Marvell Drives Live Content, Multimedia, and High-End Mobile Gaming for Smartphones

New ARMADA 618 Application Processor Powers Next-Generation Smartphones with Gigahertz-Class CPU, Integrated 1080p Full-HD, and Exceptional 3D capabilities

SANTA CLARA, Calif., Feb. 11 /PRNewswire-FirstCall/ -- **Marvell** (Nasdaq: MRVL), a worldwide leader in integrated silicon solutions, today announced the newest addition to the ARMADA™ family of application processors – the Marvell® ARMADA 618 for next generation HD-capable smartphones. Characteristic of the ARMADA family of application processors, the ARMADA 618 offers a CPU core with PC-class performance, integrated 1080p full-HD encode and decode, and exceptional 3D graphics – delivering a highly scalable and power optimized platform that is designed to fuel high-end applications, rich multimedia and gaming experience in a lightweight form factor with very low power requirements.

(Logo: <http://www.newscom.com/cgi-bin/prnh/20070411/SFW034LOGO>)

"Featuring a gigahertz CPU, 1080p full-HD video, 3D graphics, the industry's fastest LP-DDR, and optimized power for longer battery life, Marvell's ARMADA 618 application processor represents a dramatic leap forward in high-end, multimedia smartphones," said Ms. Weili Dai, Marvell's Co-founder and Vice President and General Manager of Marvell Semiconductor's Consumer and Computing Business Unit. "Importantly, the ARMADA 600 series of application processors gives our customers a common platform solution to build multiple products and formats for the always-on consumer--scaling from smartphones to eReaders to tablets without compromising either the multimedia performance or the battery life."

About ARMADA 618

The ARMADA 618 is based on a Marvell-designed ARM v7 compatible CPU offering gigahertz-class performance in a 12mm x 12mm package. It offers the flexibility to use LP-DDR1 or LP-DDR2 memory up to 533 MHz, a highly flexible display controller capable of four simultaneous displays at up to 2K x 2K resolution, and a highly robust security subsystem that includes a secure execution processor. In addition, it features a powerful 3D graphics engine that supports DirectX, Open GL ES 2.0, and Open VG 1.1, rendering up to 45 million triangles per second with a complete floating point pipeline and unified vertex and fragment/pixel shading, generating contrast-rich scenes with high-definition resolution and color. ARMADA 618 supports Linux, Android™, Windows Mobile, and full Adobe Flash.

Availability

The ARMADA 618 will be demonstrated at the Marvell Booth (Courtyard 18) at Mobile World Congress (MWC) in Barcelona, Spain next week. The ARMADA 618 is currently sampling to early customers. For more information please contact a sales representative or visit www.marvell.com.

About Marvell

Marvell (NASDAQ: MRVL) is a world leader in the development of storage, communications, and consumer silicon solutions. The company'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 terms "company" and "Marvell" refer to Marvell Technology Group Ltd. and its subsidiaries. For more information, visit <http://www.marvell.com?c=1>.

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