



Marvell(R) Reference Design for ARMADA(TM) 610 Processor Features Synaptics(R) ClearPad 3000 Series(TM)

Processor reference design with ClearPad 3000 Series multi-touch allows rapid development of next-generation user interfaces for mobile device OEMs

BARCELONA, Spain, Feb 16, 2010 /PRNewswire via COMTEX News Network/ -- Synaptics Inc. (Nasdaq: SYNA), a leading developer of human interface solutions for mobile computing, communications, and entertainment devices, announced that its ClearPad 3000 Series(TM) capacitive multi-touch sensor provides the touchscreen solution in the reference design for Marvell's ARMADA(TM) 610 next-generation application processor.

The ARMADA 610 is Marvell's flagship application processor for mobile devices. It features extremely low power yet high graphics processing performance that is critical for an immersive visual experience. Integrated into the ARMADA 610 reference design is the Synaptics ClearPad 3000 Series, a full, unconstrained multi-touch solution complete with reference driver. This reference design enables OEM designers and applications developers to reduce their time to market for new handset platform software.

"Processor performance is at the core of the future mobile experience. The ARMADA 610 reference platform enables rapid development of new software platforms that showcase ARMADA's gigahertz performance, 3-D graphics, HD video, and lower power consumption capabilities," said Rajeev Kumar, director of application processor products at Marvell. "Interaction technologies like ClearPad provide an intuitive interface with best-in-class resolution, accuracy, and industry-defining gestures to unlock the power of next-generation interactive user experiences in new mobile devices."

"Marvell's ARMADA 610 reference design is a key enabler of rich, next-generation graphics and interaction for handsets," said Gopal Garg, senior vice president of Synaptics handheld business and corporate marketing. "Continued ClearPad integration into reference designs is a gateway to increased OEM development activity and a key enabler for mobile innovation and touch sensing proliferation."

Synaptics ClearPad Series offers the broadest portfolio of advanced, proven capacitive touchscreen technology. These high-resolution capacitive touchscreen solutions bring users rich functionality and enhanced usability.

Synaptics ClearPad is available to manufacturers that want proven capacitive touchscreens to enhance their mobile devices-- for navigation, scrolling, and more. To find out more about ClearPad, visit <http://www.synaptics.com/go/ClearPad>.

Marvell's reference design for the ARMADA 610 will be showcased at the Marvell booth at Mobile World Congress in Barcelona, February 15-18, 2010, at Courtyard Hospitality Suite CY18.

About Synaptics

Synaptics (NASDAQ: SYNA) is a leading developer of interface solutions for the mobile computing, communications, and entertainment industries. The company creates interface solutions for a variety of devices including notebook PCs, PC peripherals, digital music players, and mobile phones. The TouchPad(TM), Synaptics' flagship product, is integrated into a majority of today's notebook computers. Consumer electronics and computing manufacturers use Synaptics' solutions to enrich the interaction between humans and intelligent devices through improved usability, functionality, and industrial design. The company is headquartered in Santa Clara, Calif. www.synaptics.com

About Marvell

Marvell is a leader in storage, communications, and consumer silicon solutions. Marvell's diverse product portfolio includes switching, transceiver, communications controller, processor, wireless, power management, and storage solutions that power the entire communications infrastructure, including enterprise, metro, home, storage, and digital entertainment solutions. For more information, visit our Web site at www.marvell.com.

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