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Marvell Qdeo Delivers Exceptional 1080p Video in the Pioneer Elite Flagship A/V Receiver

Innovative Video Processing IC Delivers Premium-Quality High-Definition Video to the Home Theater

SANTA CLARA, Calif., Nov. 26 /PRNewswire-FirstCall/ -- Marvell (Nasdaq: MRVL) today announced that its award-winning Qdeo(TM) video processing is a featured technology of the Pioneer Elite SC-09TX (North American model)/SC-LX90 (worldwide model) A/V receiver. Part of the Marvell(R) 88DE2710 digital video format converter, Qdeo delivers quiet, natural video free of artifacts and noise for truly immersive viewing experiences.

(Logo: <http://www.newscom.com/cgi-bin/prnh/20070905/AQW167LOGO>)

"As Pioneer's flagship A/V receiver, the SC-09TX/SC-LX90 represents a new standard in high-end home theater sound and video that has never been achieved before," stated Kazunaga Ida, general manager of HBG AV planning Department at Pioneer Corporation. "By utilizing the Marvell 88DE2710 with Qdeo video processing, the SC-09TX/SC-LX90 is able to consistently deliver the highest quality HD experiences to our very discriminating customers."

"As the standard for image quality in the home theater continues to increase with the growth of display size, contrast, and resolution, it is imperative that video processing technologies stay one step ahead. Qdeo is designed to deliver a completely immersive viewing experience by rendering content in its most pristine form, without distractions, and without harming the image," stated Dr. Nikhil Balram, vice president and general manager of the Digital Entertainment Business Unit, Communications and Consumer Business Group at Marvell.

At the core of the Marvell 88DE2710, Qdeo processing utilizes algorithms designed to erase video artifacts. An immersive video experience is constructed through a careful application of a suite of QuietVideo(TM) technologies: Per-pixel motion-adaptive 3D de-interlacing prevents "jaggies" and eliminates feathering. Per-pixel motion-adaptive noise and compression artifact reduction removes noise inherent in digital video. Adaptive Contrast Enhancement (ACE) and Intelligent Color Remapping (ICR) render richer and more vivid images.

Learn more about Qdeo processing at <http://www.marvell.com/qdeo>.

About Marvell

Marvell (Nasdaq: MRVL) is a leader in 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.

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