

Press release

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For immediate release

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Xilinx and Barco announce single-chip JPEG2000 implementation

Jointly developed solutions simplify implementation of JPEG2000 encoding and decoding for broadcast and digital cinema industry

Amsterdam, 7 September 2007 – At the International Broadcasters Convention (IBC), Xilinx, Inc. (NASDAQ: XLNX), the world's leading supplier of programmable solutions, and Barco Silex, the leading center of micro-electronics of Barco, announced the joint development of single chip JPEG2000 encoder and decoder solutions. Based on the successful implementation of Barco Silex JPEG2000 cores on Xilinx® Virtex™-5 FPGAs, the solutions significantly reduce the cost of broadcast and Digital Cinema Initiative (DCI) archiving, post-production, distribution and server systems. The JPEG2000 solutions will be demonstrated at this week's IBC, Xilinx Stand 10.421 and Barco Silex Stand 10.620, in the RAI Congress Centre, Amsterdam.

The encoder chip solution allows the creation of a single board capable of real-time encoding, performance that previously required a cluster of PCs or Application Specific Standard Products (ASSPs). The encoder and decoder solutions sustain the high encoding requirements of DCI (Digital Cinema Initiative) formats including 2048 x 1080 and 4096 x 2160 resolutions with up to 48 frames per second and broadcast formats including 1080i and 1080p. The decoder chip solution replaces up to twelve separate ASSP chips. System developers further benefit from the capacity and flexibility of Xilinx Virtex-5 FPGAs with the ability to add encryption or watermarking functionality.

“Our success in implementing JPEG2000 cores on Xilinx Virtex-5 FPGAs provides the broadcast and digital cinema industry with access to JPEG2000 board solutions, offering a unique combination of high-

performance (real-time HD or DCI) and cost-effective programmability," said Frédéric Devisch, Sales and Marketing Manager at Barco Silex.

Robert Green, Senior Manager for Broadcast Vertical Marketing added, "Barco Silex and Xilinx have demonstrated efficient implementation of intellectual property leveraging best-in-class FPGAs, thereby delivering significant benefits to the broadcast and digital cinema industry. Designers can now integrate JPEG2000 encoder and decoding solutions, taking benefit of in maximum flexibility and time to market without compromising overall system cost."

Barco Silex has developed and implemented JPEG2000 hardware cores since 2002. For enhanced security, Barco Silex' IP portfolio also includes crypto cores such as Advanced Encryption Standard (AES) and Public Key Crypto Engines. As a custom electronic design house, Barco Silex can also provide integration design support as well as chip and board solutions.

Availability

The Barco Silex JPEG2000 hardware cores are immediately available for third party licensing.

About Xilinx Virtex-5 FPGAs

Named Product and Innovation of the Year by EDN Magazine, the Virtex-5 family represents the fifth generation in the award-winning Virtex series. Built upon the industry's most advanced 65nm triple-oxide technology, breakthrough new ExpressFabric™ technology and proven ASMBL™ architecture, the Virtex-5 family includes four domain-optimized platforms for high-speed logic, digital signal processing (DSP), embedded processing and serial connectivity applications. Devices are shipping now and may be purchased online or through Xilinx distributors. Visit www.xilinx.com/virtex5 for more information.

About Xilinx in Broadcast

Xilinx offers a wide array of solutions for the broadcast industry, ranging from video, audio and network connectivity, real-time HD video processing and high speed DSP for transmission and modulation. Xilinx offers reference designs and IP cores as building blocks for complete broadcast systems. For more information, visit www.xilinx.com/broadcast.

About Xilinx

Xilinx, Inc. is the worldwide leader of programmable logic solutions. For more information, visit www.xilinx.com.

About Barco

Barco, a global technology company, designs and develops visualization products for a variety of selected professional markets. Barco has its own facilities for Sales & Marketing, Customer Support, R&D and Manufacturing in Europe, North America and Asia Pacific.

Barco (Euronext Brussels: BAR) is active in more than 90 countries with about 3800 employees worldwide. Barco posted sales of euro 751 million in 2006.

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