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MACOM, Xilinx, Fidus Systems and Inrevium Develop 12G-SDI FPGA Mezzanine Card

Xilinx's FMC platform utilizes MACOM's 12G-SDI Chipset to enable 4k60p video on a single channel, quadrupling video throughput and processing

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. (MACOM), a leading supplier of semiconductor solutions for broadcast video infrastructure, announced today that Inrevium's Xilinx-targeted FPGA Mezzanine Card (FMC) utilizes MACOM's 12G-SDI Chipset to enable 4k60p video. Based on a collaboration with Fidus Systems and Inrevium, the solution supports the proposed 12G-SDI standard and quadruples the video throughput and processing that can be achieved on a single card.

"12G-SDI is the next node on the evolution of the SDI standard. By entering into collaboration, Xilinx can now offer customers the ability to process 4k60p images with a single link connection, dramatically increasing the amount of video processing that can be achieved on a single card," said Gary Shah, VP of Marketing, High Performance Analog, MACOM. "We are excited to deliver solutions that enable the broadcast industry to migrate to higher resolutions."

"Our customers are developing 4k60p systems using Xilinx All Programmable FPGA and SoC devices. MACOM's 12G-SDI components along with the Fidus/Inrevium 12G-SDI FMC provide a development platform that enables customers to process their video content through a single link," said Aaron Behman, Segment Lead for the Broadcast Business at Xilinx.

MACOM's family of 12G-SDI products are currently shipping in volume. These MACOM products, as well as the new 12G-SDI FMC card will be shown at IBC 2014 in booth 8.C01 (Hall 8) of the RAI convention center in Amsterdam.

For more information about IBC 2014, please visit www.ibc.org.

For information on the 12G-SDI FMC card, contact Scott Turnbull [scott.turnbull@fidus.com] or Yasu Hamano [yasu@us.inrevium.com]

ABOUT MACOM:

M/A-COM Technology Solutions Holdings, Inc. (www.macom.com) is a leading supplier of high performance analog RF, microwave, and millimeter wave products that enable next-generation Internet and modern battlefield applications. Recognized for its broad catalog portfolio of technologies and products, MACOM serves diverse markets, including high speed optical, satellite, radar, wired & wireless networks, CATV, automotive, industrial, medical, and mobile devices. A pillar of the semiconductor industry, we thrive on more than 60 years of solving our customers' most complex problems, serving as a true partner for applications ranging from RF to Light.

Headquartered in Lowell, Massachusetts, M/A-COM Tech is certified to the ISO9001 international quality standard and ISO14001 environmental management standard. M/A-COM Tech has design centers and sales offices throughout North America, Europe, Asia and Australia.

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For more information about MACOM, please visit www.macom.com follow @MACOMtweets on Twitter; join MACOM on LinkedIn, or visit the MACOM YouTube Channel.

ABOUT XILINX:

Xilinx is the world's leading provider of All Programmable FPGAs, SoCs and 3D ICs. These industry-leading devices are coupled with a next-generation design environment and IP to serve a broad range of customer needs, from programmable logic to programmable systems integration. For more information, visit www.xilinx.com.

ABOUT FIDUS SYSTEMS:

Fidus Systems provides Electronic Product Development and Consulting Services across a wide range of industries. Focusing on high-speed, high complexity designs, Fidus enables your success with four design centers and flexible business models. Fidus delivers excellence in Hardware, FPGA, Signal Integrity, Embedded Software, RF, PCB Layout, and Mechanical design. Fidus is proud to be the inaugural Xilinx Alliance Program Premier Design Services Member in North America. Visit www.fidus.com.

ABOUT INREVIUM:

Inrevium offers FPGA platform solutions, market specific IP, technical support, and design services to customers worldwide. inrevium is a Xilinx Alliance Program Premier Design Services Member and delivers the highest level of market and domain-specific expertise and pre-qualified solutions through Xilinx All Programmable platforms. The Design and Development Center uses its wealth of customer project experience and the latest equipment to provide specialized customer design services. The Development Center also creates market-specific multi-million gate LSI devices, FPGA evaluation boards, FMC option cards, ASIC prototyping boards, drivers, firmware, and IP to support a wide range of applications. For more information, please visit solutions.inrevium.com.

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