PRESS RELEASE

MACOM’s 12G-SDI Chipset Adopted by Canare to Support the Transmission of 4K Video over a Single Link at 12Gbps

Collaborative Solution Enables High-Quality, Long Distance Transmission for Next-Gen Editing, Routing and Switching Applications

Lowell, MA, November 19, 2014 – M/A-COM Technology Solutions Inc. (MACOM), a leading supplier of semiconductor solutions for broadcast video infrastructure, announced today that its award-winning 12G-SDI Chipset supports transmission of 4k60p video utilizing a single 12Gbps link over 80 meters of L-4.5CHD coaxial cable. In collaboration with Canare Electric Co, Ltd., the combined solution allows transmission over long distances required in next-generation 4K editing, routing and transport applications.

“As SDI data rates evolve to 12Gbps to support Ultra-high-definition video (UHDTV), the technical challenges of maximizing link length have greatly increased. The ability to support these extended distances will provide the end user with greater infrastructure coverage and flexibility,” said Hasnain Bajwa, Senior Vice President and General Manager, High Performance Analog, MACOM. “Collaborating with partners such as Canare helps to accelerate the growth of the 12G-SDI broadcast video ecosystem.”

“Canare is pleased to demonstrate 12G SDI transmission using our SDI coax cable. The evolution to 12G SDI in professional applications is a natural next step for the industry, and supporting this trend using our SDI cable, provides a smooth migration path for our customers,” said Junichiro Ohno, Managing Director and Managing Corporate Officer for the Corporate Planning and Overseas Sales Department at Canare.

Available today, MACOM’s 12G-SDI products address advanced video transport applications for manufacturers of next-generation 4K/8K video production solutions, including broadcast video routing and production switchers, video distribution amplifiers, video cameras and monitors. MACOM will be hosting a 12G-SDI technology roadshow in Tokyo, Japan from November 19-21, 2014 at the APA Hotel and Resort, Tokyo Bay Makuhari.

Earlier this month, MACOM was honored by the Hollywood Post Alliance with an Engineering Excellence Award for its 12G-SDI chipset. MACOM’s portfolio for Ultra-HD 4K video transport applications includes its award-winning 12G-SDI cable drivers, adaptive cable equalizers, reclockers and crosspoint switches.
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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