



September 14, 2015

## **MACOM's 12G Chipset Selected for Marshall Electronics' New 12G-SDI Broadcast Converters**

*Marshall's New Line of Converters Enables Transmission of 4K Video Over Optical Fiber*

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM") (NASDAQ: MTSI), a leading supplier of semiconductor solutions for broadcast video infrastructure, today announced along with Marshall Electronics the development of Marshall's V-IO21 and V-IO20 12G-SDI Optical Converters from MACOM's award-winning 12G chipset. 12G-SDI is the latest data rate in the evolution of the SDI standard, and is required to support 4K video resolutions at 60 frames per second over a single coaxial cable, or optical fiber.

Marshall's V-IO21 converts two 12G-SDI inputs to one optical SFP module with two corresponding outputs. The V-IO20, a complementary product to the V-IO21, converts one optical SFP module with two inputs to two 12G-SDI outputs.

"We use the MACOM SDI chipset in our new 12G Converters because we have come to recognize MACOM products for their reliability and functionality," said Greg Boren, Product Marketing Engineer, Marshall Electronics. "Together with MACOM, Marshall Electronics is able to dramatically improve the communication of 4K content."

"Marshall Electronics' new line of converters fills an important need for the broadcast industry's transition to 4K," said Ryan Latchman, Vice President, Strategic Marketing and Applications Engineering, High-Performance Analog, MACOM. "We are pleased that Marshall could leverage our chipset and enable the industry to extend 4K transmission to longer distances over optical fiber."

Marshall Electronics will be presenting the new V-IO21 and V-IO20 Optical Converters at IBC 2015, Booth 11.D20, in Amsterdam, Netherlands from September 11-15. The new V-IO21 and V-IO20 Optical Converters are the latest additions to Marshall's popular line of broadcast converters, including the V-IO12 and V-IO14 12G-SDI Distribution Amplifiers.

MACOM's complete 12G-SDI portfolio will be shown in demonstrations for customers, partners, press and analysts at IBC 2015, Booth 8.A19 in Hall 8 of the RAI Convention Center, in Amsterdam, Netherlands from September 11-15. For more information or to schedule a demonstration, please contact your local MACOM sales representative. For more information about IBC 2015, please visit [www.ibc.org](http://www.ibc.org).

### **ABOUT MACOM:**

M/A-COM Technology Solutions Holdings, Inc. ([www.macom.com](http://www.macom.com)) is a leading supplier of high-performance analog RF, microwave, millimeterwave and photonic semiconductor 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 and wireless networks, 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.

MACOM, M/A-COM, M/A-COM Technology Solutions, M/A-COM Tech, Partners in RF & Microwave, The First Name in Microwave and related logos are trademarks of MACOM. All other trademarks are the property of their respective owners.

For more information about MACOM, please visit [www.macom.com](http://www.macom.com) follow [@MACOMtweets](https://twitter.com/MACOMtweets) on Twitter; join MACOM on [LinkedIn](https://www.linkedin.com/company/macom), or visit the MACOM [YouTube Channel](https://www.youtube.com/channel/UC...).

### **ABOUT MARSHALL ELECTRONICS:**

Marshall Electronics Inc. is a privately owned American company with four distinct operating units: Professional Audio,

Cable/Connector, Optical Systems, and Broadcast/Multimedia Division. We specialize in the development, manufacturing and distribution of high tech electronic products used in a wide range of professional applications. The Broadcast Division of Marshall Electronics supplies high quality LCD monitors, IP security cameras and servers, distribution, and conversion solutions for broadcasters around the world.

**DISCLAIMER FOR NEW PRODUCTS:**

Any express or implied statements in MACOM product announcements are not meant as warranties or warrantable specifications of any kind. The only warranty MACOM may offer with respect to any product sale is one contained in a written purchase agreement between MACOM and the purchaser concerning such sale and signed by a duly authorized MACOM employee, or, to the extent MACOM's purchase order acknowledgment so indicates, the limited warranty contained in MACOM's standard Terms and Conditions for Quotation or Sale, a copy of which may be found at: [www.macom.com/support](http://www.macom.com/support).

**FOR SALES INFORMATION, PLEASE CONTACT:**

North Americas -- Phone: 800.366.2266

Europe -- Phone: +353.21.244.6400

India -- Phone: +91.80.43537383

China -- Phone: +86.21.2407.1588

View source version on [businesswire.com](http://www.businesswire.com): <http://www.businesswire.com/news/home/20150914005097/en/>

**Media Contacts:**

M/A-COM Technology Solutions Inc.

Husrav Billimoria, 978-656-2896

[Husrav.Billimoria@macom.com](mailto:Husrav.Billimoria@macom.com)

or

Rainier Communications

Colin Boroski, 508-475-0025 x142

[cboroski@rainierco.com](mailto:cboroski@rainierco.com)

or

embedded PR

Gerlinde Knoepfle, +49 (0)89 64913634-12

[gk@embedded-pr.de](mailto:gk@embedded-pr.de)

Source: M/A-COM Technology Solutions Inc.

News Provided by Acquire Media