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June 7, 2016

MACOM Enables PAM-4 Applications with New Quad-Channel Linear Driver

The MAOM-003419 is Designed for 28 Gbaud PAM-4 Applications to Support 200G and 400G Transceiver Developments

LOWELL, Mass.--(BUSINESS WIRE)-- MACOM Technology Solutions Inc. ("MACOM"), a leading supplier of high-performance RF, microwave, millimeter wave and photonic products, today introduced the MAOM-003419, a quad channel linear electroabsorptive modulated laser (EML) driver for 28 Gbaud PAM-4 solutions for 200G and 400G.

The MAOM-003419 is a low power EML driver with high gain, high bandwidth, and output voltage capability up to 2 Vpp while it consumes less than 500mW of power. The device has differential inputs to provide common-mode rejection and single-ended output to drive industry standard EMLs. The MAOM-003419 is available in a small form factor surface mount package while also integrating the high frequency bias T for the EA modulator.

"The MAOM-003419 is an ideal solution for customers developing EML based PAM-4 transceivers," said Raymond Moroney, Director of Product Marketing, High Performance Analog, MACOM. "MACOM has achieved excellent performance with our PAM-4 chipset IP, and we believe this product is a great addition to enabling the next generation of 200G and 400G optical connectivity for enterprise and datacenter applications."

Samples of the MAOM-003419 are now available. Additional product information can be obtained from the MACOM website at: www.macom.com.

ABOUT MACOM:

MACOM Technology Solutions Inc. (www.macom.com) supplies key enabling technologies for the Cloud Connected Apps Economy and Modern Networked Battlefield. Recognized for its broad catalog portfolio of technologies and products, MACOM provides high-performance analog RF, microwave, millimeterwave and photonic semiconductor products for diverse applications ranging from high speed optical, satellite, wired and wireless networks to military and civil radar systems. A pillar of the semiconductor industry, we thrive on more than 60 years of solving our customers' most complex problems as their trusted partner for solutions ranging from RF to Light.

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

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