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MACOM Debuts New 46Gbps Quad Channel Linear Modulator Driver for 400G Long Haul Applications

MACOM's modulator driver solution portfolio scales to higher data rates with introduction of new MAOM-003418

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM"), a leading supplier of high-performance analog RF, microwave, millimeterwave and photonic semiconductor products, today announced its new wideband MAOM-003418 quad channel linear modulator driver with 46 Gbaud capability to support 200G and 400G ultra-long haul applications. This latest addition to MACOM's extensive portfolio of driver solutions for optical infrastructure enables system designers to address the growing demand for higher data rates and greater bandwidth in the long haul network.

The MAOM-003418 integrates four linear driver channels in a high performance package with differential surface mount inputs and single-ended GPPO outputs for direct connection to an OIF compliant LiNbO modulator. The MAOM-003418 is distinguished by its wide bandwidth, low power dissipation and excellent linearity which supports the implementation of higher order modulation schemes that enable 400G data rates.

"MACOM's technology leadership in modulator drivers for 100G has set a strong foundation for 400G innovation," said Ray Moroney, MACOM's marketing director for optoelectronics. "The MAOM-003418's performance attributes exemplify the hallmark benefits of our optical solution portfolio, which equips designers of optical communications systems to accelerate their time to market with advanced optical infrastructure spanning from 10G to 400G."

MACOM's MAOM-003418 modulator driver is sampling to customers now. For more information, visit www.macom.com or MACOM's booth 1947 at the OFC 2015 show in Los Angeles, March 24th - 26th.

ABOUT MACOM:

M/A-COM Technology Solutions Holdings, Inc. (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 & 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, 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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