



April 27, 2015

MACOM Announces Production Shipments for CFP2 Coherent Modules for 100G Metro

Extends leadership position in quad-channel driver solutions for coherent CFP and CFP2 modules for 100G Metro Applications

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Holdings, Inc. ("MACOM"), a leading supplier of high-performance analog, RF, microwave, millimeterwave and photonic semiconductor products, today announced initial production shipments of two modulator drivers for use in CFP2 analog coherent optical (ACO) modules. The CFP2 ACO enables significantly lower cost per bit in metro applications where lower power and smaller size enable higher port densities.

Over the last two years, by providing innovative power and size efficient quad-channel driver solutions, MACOM has enabled pluggable coherent CFP2 modules which will be seeing volume deployments in metro networks later this year. These modules, operating at up to 200Gbps, can significantly reduce the overall cost for metro systems. MACOM is continuing to innovate in this space with the introduction of additional solutions. The [MAOM-003417](#) and [MAOM-03417L](#) are the latest additions to MACOM's portfolio and are optimized for use with the next generation of low Vpi indium phosphide modulators to further reduce power consumption.

The insatiable need for bandwidth has placed exacting requirements on the metro networks. This has resulted in carriers requiring a cost effective way to expand their capacity, while simultaneously reducing the cost per bit transported. Component vendors are now tasked with the challenge to ramp production of 100G devices that are lower power, smaller size and lower cost.

"The 100G Metro Market is growing rapidly with a Total Addressable Market that could be \$1.4 billion dollars by 2019," said Daryl Inniss, Practice Leader at OVUM. "The CFP2 coherent form factor will enable the higher volume metro market as it enables lower power, lower cost and smaller sized products. MACOM is well positioned to leverage this opportunity and address this hyper growth market, with its broad portfolio of products and technology."

"MACOM's optical networking components provide clear performance benefits that enable 100G Metro deployments to meet the aggressive power and cost targets required by operators," said Ray Moroney, MACOM's Marketing Director for optoelectronics products. "The MAOM-03417L complements our extensive portfolio of modulator drivers for 100G and beyond, and is a compelling solution for the next generation of CFP2 modules."

Available for sampling today, the MAOM-003417 and MAOM-03417L drivers deliver up to 3Vpp single-ended linear output with only 600mW of power dissipation per channel. The small 14mm x 9.1mm form factor, low power dissipation, wide gain range and excellent linearity make it ideal for next generation coherent CFP2 modules using higher order modulation schemes to reach data rates of 200 Gbps. It is compatible with a wide range of available DSPs and Mach Zehnder modulators for maximum flexibility.

For more information on MACOM's 100G Metro Market position, click here: www.macom.com/100Gmetro.

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 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, 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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Source: MACOM

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