



Partners in RF & Microwave

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## MACOM Announces Lowest Power Quad-Channel Driver Solutions for 100 Gigabit Ethernet

*EML and DML Drivers Meet Stringent Power Requirements for CFP2, CFP4 and QSFP28*

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM"), a leading supplier of high performance RF, microwave, and millimeter wave products, today announced the newest additions to its portfolio of drivers for 100 Gbps Ethernet applications.

The MAOM-003401 is a quad channel 28Gbps EML driver which can deliver up to 1.6Vpp single-ended output while dissipating less than 230mW of power per channel. When paired with MACOM's M37049 quad-channel CDR it provides the lowest power and smallest form-factor solution available on the market today for CFP2 and CFP4 transceivers. A demonstration of the full optical transmitter line-up with CDR, Driver and TOSA will be on display at OFC2014 starting today in San Francisco.

The MAOM-002304 is a quad channel 28Gbps DML driver which can deliver up to 70mA of laser bias current and 60mA of modulation current with less than 240mW of power dissipation per channel. This innovative single-die solution can be integrated in a TOSA and directly DC coupled to the laser thus minimizing losses and maximizing efficiency. This part can also be paired with the M37049 low power CDR to meet the stringent power requirements of QSFP28 modules.

"We are very happy that MACOM can continue to push the limits on power dissipation with these new products," said Ray Moroney, MACOM's Optoelectronics Product Line Manager. "And with the addition of CDRs and TIAs from former Mindspeed, MACOM can continue to innovate and integrate to provide optimized solutions for our customers."

Samples of MAOM-003401 and MAOM-002304 are available today. Please visit booth 2203 at OFC and [www.macom.com](http://www.macom.com) for more information.

### 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, 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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