



Partners in RF & Microwave

September 1, 2014

MACOM Announces Industry's First Four Channel CDR with Integrated High Output Voltage EML Driver for 100G Optical Modules

Lowest Power CDR Solution is ideal for CFP4 and QSFP28 Applications

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM"), a leading supplier of high performance RF, microwave, millimeter wave and optical products, today announced the newest addition to its portfolio of clock data recovery (CDR) devices and modulator drivers for 100 Gbps optical module applications.

The MAOM-37051A is a four channel 28Gbps CDR with integrated electro-absorption modulated laser (EML) driver which can deliver up to 2.5Vpp single-ended output. The part integrates MACOM's high performance CDR technology with its market leading EML drivers in a small form factor surface mount package to provide the lowest power solution available for CFP4 and QSFP28 transceivers. A live demonstration of the product will be on display at CIOE 2014 in Shenzhen, September 2nd, 2014.

The next generation of pluggable modules for 100G in CFP4 and QSFP28 form factors require drastic reductions in the size and power consumption of components. MACOM's MAOM-37051A meets these stringent performance requirements for the transmitter and when combined with MACOM's M37046 Receiver CDR and M03100 TIA devices, provides the lowest power complete chip-set solution for 100G modules.

"This is another great example of MACOM leading the way with new levels of performance and integration," said Stefano D'Agostino, Distinguished Fellow of Technology at MACOM. "Working very closely with our customers and understanding their needs, this product along with our receiver chip-set enables the lowest power solution for the next generation of pluggable 100G modules".

Samples of MAOM-37051A are available today. Please visit booth 1B73 at CIOE or www.macom.com for more information.

ABOUT MACOM

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

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; follow [@MACOMtweets](https://twitter.com/MACOMtweets) on Twitter; join MACOM on [LinkedIn](#), or visit the MACOM [YouTube Channel](#).

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.macomtech.com/content/customersupport.

FOR SALES INFORMATION:

North Americas -- Phone: 800.366.2266

Europe -- Phone: +353.21.244.6400

India -- Phone: +91.80.43537383

China -- Phone: +86.21.2407.1588

or

MEDIA:

M/A-COM Technology Solutions Inc.

Husrav Billimoria, 978.656.2896

Husrav.Billimoria@macomtech.com

Source: M/A-COM Technology Solutions Inc.

News Provided by Acquire Media