



Partners in RF & Microwave

January 7, 2014

MACOM Introduces Low Power Quad-Channel Modulator Driver for 100G Applications

Modulator Driver exhibits excellent performance for next generation 100G coherent modules

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 addition to its portfolio of modulator drivers for 100G applications.



The [MAOM-003405](#) is a quad channel 32 Gbps modulator driver IC for 100G coherent transponders in CFP and CFP2 form factors. The device's low power dissipation, small size and high gain are key features that enable 100G coherent solutions in the size and power constrained pluggable form factors.

The [MAOM-003405](#) has a differential input which meets the stringent CFP2 input voltage requirements, while the single-ended output voltage of up to 6.5Vpp is ideal for next generation optical modulators. The high performance driver boasts market leading power consumption, low RMS jitter, and typical rise/fall times of 12 ps. The four channels are packaged in a single surface mount package which is optimized for maximum isolation and minimum crosstalk between channels. The MAOM-003405 is therefore an ideal solution for real estate constrained customers looking for a high performance, low power 100G modulator driver solution.

The device is a quad channel 32 Gbps modulator driver IC for 100G coherent transponders in CFP and CFP2 form factors. The device's low power dissipation, small size and high gain are key features that enable 100G coherent solutions in the size and power constrained pluggable form factors. (Photo: Business Wire)

"We are very excited to introduce another market leading product for next generation 100G systems" said Vikas Manan, MACOM's

Engineering Director for Optoelectronics products. "With the previously announced MAOM-003404, MACOM now offers the smallest size and lowest power driver solutions for both single-ended and differential optical modulators for use in 100G Coherent CFP and CFP2 modules"

"The demand for high-bandwidth services continues to increase and coherent optical processing lays the foundation for increasing bandwidth from 10G to 40G to 100G and beyond. It offers the ability to make the network more programmable and unlocks new network architecture possibilities," commented Daryl Inniss, VP and Practice Leader, Ovum. "Size and power continues to play an important role in the adoption of coherent based optical modules. The MACOM solution helps to make the pluggable form factor an appealing technology."

Samples of [MAOM-003405](#) are available today. Please visit www.macomtech.com for more information.

ABOUT MACOM:

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

MACOM, M/A-COM, M/A-COM Technology Solutions, M/A-COM Tech, Partners in RF & Microwave, Partners from RF to Light, The First Name in Microwave and related logos are trademarks of MACOM. All other trademarks are the property of their respective owners.

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.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/multimedia/home/20140107005041/en/>

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

or

Pacific Bridge Marketing

Rebecca Andersen, 202-596-2652

randersen@pacificbridgemarketing.com

or

Rainier Communications

Jessie Glockner, 508-475-0025 x140

jglockner@rainierco.com

or

embedded PR

Gerlinde Knoepfle, +49 (0)89 64913634-12

gk@embedded-pr.de

Source: M/A-COM Technology Solutions Holdings, Inc.

News Provided by Acquire Media