March 23, 2015

MACOM and Kaiam Corporation Demonstrate 400G Capability at OFC 2015 in Los Angeles

Joint Demonstration Showcases MACOM's High Speed Optical and Photonic Content for Next Generation 400G Applications

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM"), a leading supplier of high-performance analog RF, microwave and optical semiconductor products, today announced it will be collaborating with Kaiam Corporation ("Kaiam") to showcase an industry leading 400G demonstration at OFC in Los Angeles, March 24-26, 2015.

MACOM is consolidating the high speed semiconductor content in 100G/400G transceivers, optimizing the chips to provide highly differentiated performance, power, size and cost benefits. MACOM's MAOM-002304 Quad Directly Modulated Laser (DML) Driver and M37049 Quad CDR, will be featured in Kaiam's 400G over single-mode fiber demonstration, showcasing a breadth of MACOM's Optical and photonic content enabling next generation optical networking applications. These ICs have the lowest power in their class, which is critical for a 400Gbs multi-channel solution.

Kaiam's module is compatible with a CDFP connector and provides 50% higher density per 100G than QSFP28. While 16x25G is the IEEE standard proposal for multimode 400G, this is the industry's first demonstration of a single-mode 16x25G solution. The module is enabled by Kaiam's unique laser packaging technology that has been deployed for 40G and 100G. The approach is aimed at leading edge 100G and 400G applications that can't wait for 50G electrical interfaces.

"This joint demonstration showcases MACOM's ability to service 400G applications today," said Ray Moroney, Product Manager at MACOM. "With our roadmap commitment to lower power, lower cost, high performing ICs, we believe we are positioned excellently to enable the industry's transition to 400G applications."

"Optical links are growing in every dimension available, both to higher baud-rate and more lanes," said Karen Liu, Vice President of Marketing, Kaiam. "Kaiam's MEMS-based packaging is used in high-volume 4-channel products today. This demonstration should alleviate any concerns the industry may have about moving to higher channel counts at 400G and beyond."

MACOM is a leading supplier of optical networking products that enable the transition to 100G and beyond. By moving information from the core network to datacenters worldwide, MACOM has the deep product portfolio, technological capabilities and optical networking expertise to accelerate speed-to-market, enabling 10G-400G design and deployment.

A demonstration of MACOM's broad product portfolio will be on display by appointment in MACOM's booth, #1947. Kaiam's technology demonstration of the single-mode 400G module will be on display at booth #1751 at the Optical Fiber Communication Conference (OFC) in Los Angeles from March 24-26. For more information, please visit booth #1947 at OFC or www.macom.com.

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, 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 on Twitter; join MACOM on LinkedIn,

or visit the MACOM YouTube Channel.

ABOUT KAIAM CORPORATION:

Headquartered in Newark, California, with large scale manufacturing in Livingston, Scotland, Kaiam Corporation is a private company with high-speed transceiver and photonic integrated circuit products. Founded by leading technologists from the optical networking industry, the team has a record of delivering breakthrough products that change the rules of the marketplace. For more information, visit www.kaiam.com and follow on Twitter at: @KaiamCorp.

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, PLEASE CONTACT:

North Americas -- Phone: 800.366.2266
Europe -- Phone: +353.21.244.6400
India -- Phone: +91.80.43537383
China -- Phone: +86.21.2407.1588

Photos/Multimedia Gallery Available: http://www.businesswire.com/multimedia/home/20150323005050/en/

M/A-COM Technology Solutions Inc.
Ozzie Billimoria, 978-656-2896
ozzie.billimoria@macom.com
or
Kaiam Corporation
Dr. Jeff Crerie, +1 (323) 397-5511
Jeff@KaiamCorp.com
or
Rainier Communications
Colin Boroski, 508-475-0025 x142
cboroski@rainierco.com
or
embedded PR
Gerlinde Knoepfle, +49 (0)89 64913634-12
gk@embedded-pr.de

Source: M/A-COM Technology Solutions Inc.

News Provided by Acquire Media