



August 20, 2015

## MACOM to Showcase Fourth Generation GaN Technology for RF Energy Applications at Booth #235 at European Microwave Week (EuMW) 2015 in Paris, France

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Holdings, Inc. ("MACOM") (NASDAQ: MTSI), a leading supplier of high-performance analog RF, microwave, millimeterwave and photonic semiconductor products, will showcase the industry's broadest and most advanced Gallium Nitride (GaN) RF product and technology portfolio at European Microwave Week, September 6-11 in Paris, France at Booth #235.

This Smart News Release features multimedia. View the full release here:  
<http://www.businesswire.com/news/home/20150820005059/en/>

MACOM's booth will feature its revolutionary Gen 4 GaN on Silicon RF product solutions optimized for commercial, industrial, scientific and medical applications. At volume production levels, Gen 4 GaN technology is expected to yield devices that achieve breakthrough performance and higher efficiency below the semiconductor cost per watt of comparable LDMOS products, and at significantly lower cost than comparably performing GaN on Silicon Carbide wafers.

Leveraging deep domain experience and as a member of the RF Energy Alliance, MACOM brings GaN RF technology into mainstream applications, including RF ignition systems, solid-state cooking and high-lumen plasma lighting.

MACOM's booth will feature a suite of new products aimed at applications spanning industrial, scientific, medical, E-Band point-to-point wireless and X-Band radar. Visit MACOM at Booth #235 to see our complete GaN portfolio and live demonstrations, including:

- **Guest Speaker: Klaus Werner talks about the future of RF Energy at 3:00PM, Wednesday, September 9, 2015;**
- Gen4 GaN on Silicon: State of the art process that enables GaN on Silicon Carbide performance below LDMOS cost structures;
- RF Energy: Applications achieve higher efficiency and excellent gain at a lower cost structure; and
- Multifunction Phased Array Panel: Come see MACOM's Static Multifunction Phased Array (MPAR) Panel that supports today's challenging civil and military radar applications.

**Come hear MACOM's experts present papers on the latest in RF & Microwave:**

Name	Session	Day/Time	Paper Topic
Alex Bessemoulin, Jabra Tarazi, Melissa Rodriguez, M.G. McCulloch, A.E. Parker, Simon Mahon	EuMIC02-02, Maillot	08:50 - 09:10 AM, Monday	Reduced-Size E-Band GaAs Power Amplifier MMIC
Alex Bessemoulin, Emmanuelle Convert, Simon Mahon, A.E. Parker	EuMIC01-05, 241	09:50 - 10:10 AM, Monday	Miniaturized Broadband Up-Converter MMIC
Alan Noll, Wayne Struble	EuMIC10-03, 242A	09:10 - 09:30 AM, Tuesday	A Broadband Receiver Protection Limiter for FET Based Integrated Circuits
Neal Tuffy, Lyndon Pattison	EuMC13-01, 243	16:10 - 16:30 PM, Tuesday	A Linearized, High Efficiency 2.6 GHz Wideband Doherty Power Amplifier With Class-J Based Performance Enhancement
Tim Boles, Gary Lopes	EuMIC Poster02-04, Hall Ternes-Level 1	Posters on display from 12:30 - 14:10 PM Authors are present for discussion from 12:30 - 14:10 PM, Wednesday	GaN Schottky Diodes for RF Wireless Power Detection and Conversion

Damian McCann	EuMC34-02, 242B	14:10 - 14:30 PM, Wednesday	Improving upon Pulse-to-Pulse Stability in GaN RADAR Amplifiers Compromised by the Presence of GaN Trapping Effects
Alex Bessemoulin	EuMC43-05, 241	09:50 - 10:10 AM, Thursday	Plastic Packaged E-mode Transistors to 50 GHz with Integrated ESD Protection and Bias Control

Members of MACOM's product management, engineering and applications teams will be at the show to answer any inquiries or questions. To make an appointment to see MACOM's expansive portfolio and experience the live demonstrations, please contact your local sales representative.

**Show Information:**

**Palais Des Congres, Paris, France**

09:30 - 17:30 (Tuesday) September 8

09:30 - 17:30 (Wednesday) September 9

09:30 - 16:30 (Thursday) September 10

**Additional Information and Resources:**

For more information about EuMW 2015: [www.eumweek.com](http://www.eumweek.com)

For more information about MACOM visit: [www.macom.com/EuMW2015](http://www.macom.com/EuMW2015)

**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, 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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For more information about MACOM, please visit [www.macom.com](http://www.macom.com); follow [@MACOMtweets](https://twitter.com/MACOMtweets) on Twitter; join MACOM on [LinkedIn](#), or visit the MACOM [YouTube Channel](#).

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