



April 22, 2015

MACOM to Demonstrate Cutting-Edge Gen 4 GaN Portfolio at IMS 2015

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM"), a leading supplier of high-performance analog RF, microwave and optical semiconductor products, will showcase the industry's broadest and most advanced Gallium Nitride (GaN) RF product portfolio at IMS 2015 in Phoenix, Arizona, May 19-21. MACOM's booth will feature new, revolutionary Gen 4 GaN on Silicon product solutions optimized for commercial, industrial, scientific and medical applications.

Visit Booth #2839 to meet with experts and learn how MACOM's GaN portfolio can solve unique application design challenges. MACOM's booth will showcase:

- Gen4 GaN on Silicon: State of the art GaN process optimized for linearity.
- GaN Integrated Amplifier Demo: MACOM's GaN on Silicon integrated amplifier family demo will feature input matched, broadband, integrated amplifiers operating over multi-octave bandwidths, showcasing the ease of use of these products for a variety of commercial, industrial, defense and ISM applications including wireless power.
- S-Band Pallet Demonstration: High-performance, compact, S-Band GaN on Silicon Carbide pallet for Air Traffic Control Radar applications.
- E-Band Amplifier Module: The industry's first E-band SMD modules, delivering performance needed for tomorrow's high capacity, high modulation, cellular backhaul radios. This demo will showcase the output power, spectrum, and spectral mask conformance of an E-band radio containing the new MACOM E-Band TX SMD module.
- MACOM LNA Demonstration: See MACOM's XL1010-QT, a versatile Low Noise Amplifier in a Police Radar Detector application.
- Multifunction Phased Array Panel: Come see MACOM's Static Multifunction Phased Array Panel (MPAR) that supports today's challenging civil and military radar applications.

Members of MACOM's product management, engineering and applications teams will be available at IMS to answer any inquiries or questions. MACOM experts will also be participating in various sessions throughout IMS, including:

- Workshop

Code: WSM-1
Session: Current Trends in GaN Packaging
Title: High Power Plastic Packaging with GaN
Date: Sunday, May 17, 2015
Time: 1 PM - 5 PM (Half Day)
Location: TBD

- Technical Session

Session: WE3A-5
Title: AlGaIn/GaN HEMT Nonlinear Model Fitting Including a Trap Model
Date: Wednesday, May 20th, 2015
Time: 2:50 PM
Location: Room 132ABC

- Interactive Forum

Code: THPM
Title: Active Bias Control for Improved Pulse Droop Performance of GaN HEMT Transistor
Date: Thursday, May 21, 2015
Time: 1:00 PM
Location: Hall 6

Code: THPM
Title: A 120 Watt GaN Power Amplifier MMIC Utilizing Harmonic Tuning Circuits For S-band
Applications Date: Thursday, May 21, 2015
Time: 1:00 PM
Location: Hall 6

- Microapps

Title: Simple LNA Solutions for Radio and Wireless Applications
Date: Wednesday, May 20, 2015
Time: 3:30 - 3:45 PM
Location: Microapps pavilion show floor

Exhibition Hall: Phoenix Convention Center
Tuesday May 19: 09:00 to 5:00
Wednesday May 20: 09:00 to 5:00
Thursday May 21: 09:00 to 3:00

For more information about IMS 2015: [IMS 2015 Website](#)

Demonstrations will be on display in MACOM's booth #2839. For more information, please visit our booth at IMS or contact us via 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 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, 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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