



Partners from RF to Light

September 6, 2016

MACOM to Showcase Leading Portfolio of High-performance DC to 100 GHz MMICs at Booth #207 at European Microwave Week (EuMW) 2016 in London

LOWELL, Mass.--(BUSINESS WIRE)-- MACOM Technology Solutions Inc. ("MACOM"), a leading supplier of high-performance analog RF, microwave, millimeterwave, photonic semiconductor products and components, will debut the industry's broadest and most advanced MMIC product and technology portfolio at European Microwave Week, October 4 - 6 in London, UK at Booth #207.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20160906005860/en/>



Along with MACOM's new portfolio of MMICs, which offers superior performance, bandwidth, packaging and reliability, MACOM will feature its revolutionary Gen 4 GaN on Silicon portfolio for RF Energy applications, and other industry leading, high-performance products at the show.

Visit MACOM at Booth #207 to see our new product solutions optimized for T&M, SATCOM, A&D, Wired Broadband and ISM applications, including live demonstrations:

Along with MACOM's new portfolio of MMICs, which offers superior performance, bandwidth, packaging and reliability, MACOM will feature its revolutionary Gen 4 GaN on Silicon portfolio for RF Energy applications, and other industry leading, high-performance products at European Microwave Week, October 4 - 6 in London, UK at Booth #207. (Photo: Business Wire)

performance for T&M / A&D applications

- | **Wideband Voltage Controlled Oscillator:** Demonstrating leading performance and functionality of MACOM's new platform of wideband VCOs, including octave band frequencies, lower phase noise, stable power over temperature and improved sensitivity for T&M / ISM applications
- | **300 W Gen 4 GaN Power Transistor:** Demonstrating MACOM's Gen 4 GaN on Silicon for RF Energy in both solid-state cooking and plasma lighting RF applications

- | **Wideband GaAs Power Amplifier:** New 2 W GaAs power amplifier covering DC - 22 GHz with leading gain and power

Come hear MACOM's expert's present papers, posters and participate in a workshop on the latest in RF & Microwave:

Papers:

Monday, October 3, 2016:

10:00 - 10:20 AM, Room 12, EuMIC15-04

- | *Development and Verification of a Scalable GaAs pHEMT FEM Thermal Model: Bryan Schwitter, presented by Simon Mahon*

3:40 - 4:00 PM, Room 12, EuMIC10-05

- | *Characterization of Trapping in a GaN HEMT by Performing Isothermal Three-Stage Pulse Measurements: Bryan Schwitter, presented by Simon Mahon*

Tuesday, October 4, 2016:

10:00 - 10:20 AM, Room 15, EuMIC17-04

- | *EM Analysis of Ka-Band Multi-Throw PIN Diode MMIC Switches: Andrzej Rozbicki/Jim Brogle*

10:20 - 10:40 AM, Room 17, EuMIC18-05

- | *Dependence of a Hybrid 125W S-Band Switch-Limiter Receiver Protector's Performance on Packaging Technique: Jim Brogle*

Posters:

Monday, October 3, 2016: Posters on display 1:00 - 2:20 PM, authors are present for discussion during that time

- | EuMIC Poster 01-14: *A 6 - 46 GHz, High Output Power Distributed Frequency Doubler using Stacked FETS in 0.25um GaAs pHEMT: Thu Nguyen*

Thursday, October 6, 2016: Posters on display 1:00 - 2:20 PM, authors are present for discussion during that time

- | EuRAD Poster 01-13: *Migrating SPAR™ to Higher Frequencies: Tim Boles*

Workshop:

Tuesday, October 4, 2016: 12:00 - 4:00 PM, Room 6 (Free to attend)

National Instruments Workshop "AWR Design Forum (ADF)/NI AWR Software User Group Meeting"

- | **Advanced GaN on Silicon Transistor Modelling for High Power MMIC Design: by Jonathan Leckey**

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:

ExCel London, UK

9:30 AM - 6:00 PM (Tuesday) October 4

9:30 AM - 5:30 PM (Wednesday) October 5

9:30 AM - 4:30 PM (Thursday) October 6

Additional Information and Resources:

For more information about EuMW 2016: www.eumweek.com

For more information about MACOM visit: www.macom.com/eumw

ABOUT MACOM:

MACOM enables a better-connected and safer world by delivering breakthrough semiconductor technologies for optical, wireless and satellite networks that satisfy society's insatiable demand for information.

Today, MACOM powers the infrastructure that millions of lives and livelihoods depend on every minute to communicate, transact business, travel, stay informed and be entertained. Our technology increases the speed and coverage of the mobile Internet and enables fiber optic networks to carry previously unimaginable volumes of traffic to businesses, homes and datacenters.

Keeping us all safe, MACOM technology enables next-generation radars for air traffic control and weather forecasting, as well as mission success on the modern networked battlefield.

MACOM is the partner of choice to the world's leading communications infrastructure, aerospace and defense companies, helping solve their most complex challenges in areas including network capacity, signal coverage, energy efficiency and field reliability, through its best-in-class team and broad portfolio of analog RF, microwave, millimeterwave and photonic semiconductor products.

MACOM is a pillar of the semiconductor industry, thriving for more than 60 years of daring to change the world for the better, through bold technological strokes that deliver true competitive advantage to customers and superior value to investors.

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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<http://www.macom.com/purchases>

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Source: MACOM Technology Solutions Inc.

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