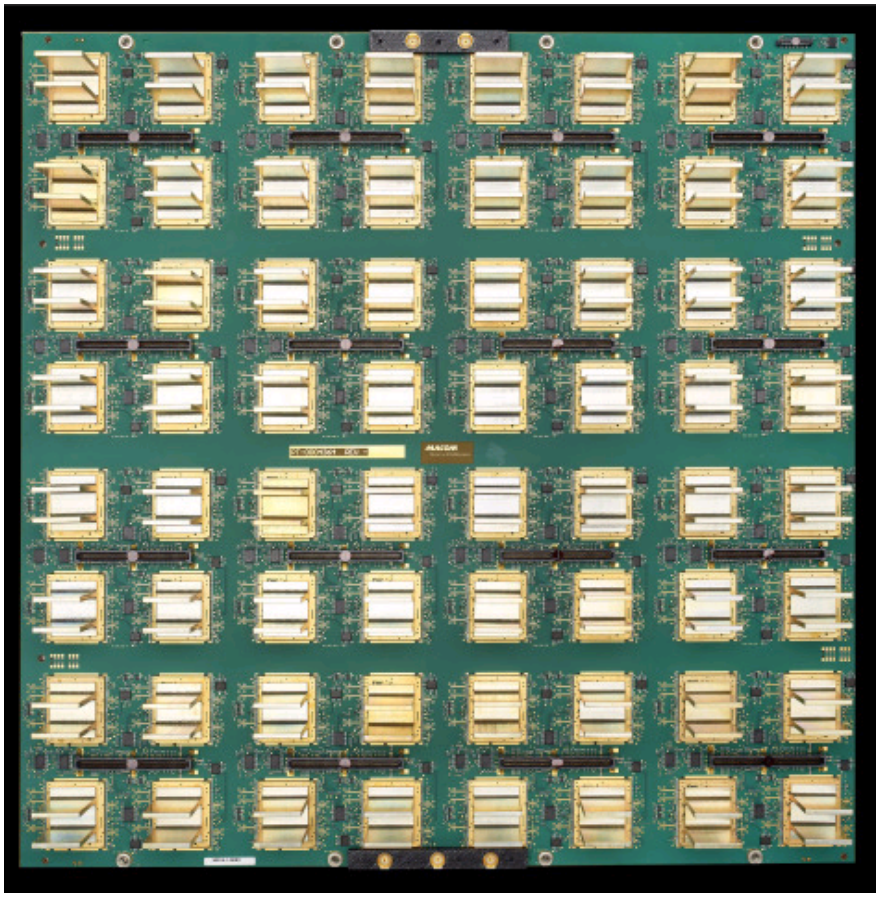
September 15, 2015

MACOM and the Massachusetts Institute of Technology Lincoln Laboratory Announce Successful Field Tests of Next Generation Weather Surveillance and Air Traffic Control Technology

Major Milestone in Demonstrating the Maturity of MPAR Technology

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM") (NASDAQ:MTSI), a leading supplier of high-performance analog RF, microwave, millimeterwave and photonic semiconductor products, and the Massachusetts Institute of Technology (MIT) Lincoln Laboratory, today announced successful field tests of Multifunction Phased Array Radar technology (MPAR). The first MPAR-based system was successfully deployed by the National Severe Storms Laboratory in Oklahoma.

This Smart News Release features multimedia. View the full release here:
http://www.businesswire.com/news/home/20150915005675/en/



MACOM is leading the transition of civil and defense radar and communication systems to active antenna technology. Applying innovative, tile-based architectures and modern, commercial manufacturing practices, MACOM is enabling customers to build affordable and scalable radar systems with rapid time to market. (Photo: Business Wire)

MPAR technology is envisioned to be the foundation for the next generation of civil radar networks, integrating eight separate legacy radar functions into a single multifunction platform. Developed by MIT Lincoln Laboratory under sponsorship of the Federal Aviation Administration (FAA) and National Oceanic and Atmospheric Administration (NOAA), the system leverages an array of MACOM-manufactured phased array tiles to transmit and receive pulses of radar energy to detect and track weather systems, while at the same time providing civil air surveillance.

Used by NOAA, MPAR-based systems can increase forecast accuracy for severe weather events such as tornadoes and facilitate earlier major storm warnings, which ultimately lead to saved lives. In addition to early weather tracking, MPAR technology supports air traffic control functionality. Built over three decades ago, the current air traffic control network is approaching obsolescence and upgrading to MPAR-based systems will provide improved awareness in air traffic patterns, increasing safety and flight efficiencies.

"This successful test deployment is a significant milestone for the MPAR technology initiative, demonstrating the maturity of the technology and the manufacturing processes that underpin it," said Dr. Doug Carlson, Vice President of Strategy, MACOM. "The next step is to move to volume commercial manufacturing that can support the scale of production of civil and defense deployments in the field."

"MPAR technology holds great promise for weather and civil aviation radar applications, and will ultimately improve the safety and security of citizens across the nation," said Jeff Herd, Group Leader for RF Technology, MIT Lincoln Laboratory. "The successful MPAR field testing is an important step forward in demonstrating the commercial and functional viability of this

sophisticated technology."

For more information about the MPAR technology initiative, visit http://www.macom.com/activeantennas

MACOM IN ACTIVE ANTENNAS:

MACOM is leading the transition of civil and defense radar and communication systems to active antenna technology. Applying innovative, tile-based architectures and modern, commercial manufacturing practices, MACOM is enabling customers to build affordable and scalable radar systems with rapid time to market.

To learn more about MACOM's Active Antenna Position, visit: http://www.macom.com/activeantennas

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, 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.

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 THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT) LINCOLN LABORATORY

MIT Lincoln Laboratory is a Department of Defense federally funded research and development center that develops advanced technological solutions to problems in national security. The Laboratory's core competencies are in sensing, information extraction (signal processing and embedded computing), communications, and decision support, all supported by a broad research base in advanced electronics. For more information, visit: http://www.ll.mit.edu/

Special Note Regarding Forward-Looking Statements

This press release contains forward-looking statements based on MACOM management's beliefs and assumptions and on information currently available to our management. Forward-looking statements include, among others, information concerning future activities or trends, business strategies, industry conditions, market opportunities and all statements that are not historical facts, and generally may be identified by terms such as "anticipates," "believes," "could," "estimates," "expects," "intends," "may," "plans," "potential," "predicts," "projects," "seeks," "should," "will," "would" or similar expressions and the negatives of those terms.

Forward-looking statements contained in this press release reflect MACOM's current views about future events and are subject to risks, uncertainties, assumptions and changes in circumstances that may cause those events or our actual activities or results to differ materially from those expressed in any forward-looking statement. Although MACOM believes that the expectations reflected in the forward-looking statements are reasonable, it cannot and does not guarantee future events, results, actions, levels of activity, performance or achievements. Readers are cautioned not to place undue reliance on these forward-looking statements. A number of important factors could cause actual results to differ materially from those indicated by the forward-looking statements, including those factors described in "Risk Factors" in MACOM's filings with the SEC, including its Quarterly Report on Form 10-Q for the fiscal quarter ended July 3, 2015 as filed with the SEC on August 12, 2015. MACOM undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

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