

MACOM to Showcase Capabilities at SATELLITE 2024

Lowell, MA, March 14, 2024 -- MACOM Technology Solutions Inc. ("MACOM"), a leading supplier of semiconductor products, will showcase its latest products for space and hi-reliability applications at the SATELLITE 2024 in Washington, D.C. MACOM's portfolio includes a broad array of radio frequency ("RF"), microwave, millimeter wave and optical products to support satellite communications links and ground station infrastructure. These products include linearizer modules for solid state amplifiers ("SSPA") and traveling wave tube amplifiers ("TWT"), analog and photonics components for free space optics ("FSO"), Gallium Nitride ("GaN") monolithic microwave integrated circuits ("MMICs") and various small signal components and integrated hybrid assemblies for satellite payload and ground station electronics.

Customers and attendees will have the opportunity to meet MACOM's engineering and product management teams for explanations of its new products and solutions.

Satellite 2024 demonstrations and new products announcements will include:

- **V-Band Linearized GaN MMIC Solutions:** By combining proprietary analog linearization modules and GaN MMIC process technologies, MACOM can achieve higher linear output power and higher linear efficiency in SatCom transmitters. Linearization of SSPAs or TWTs enables systems to transmit higher levels of linear power which improves link budget performance.
- **SatCom RF and Microwave Components:** MACOM is expanding its single and multi-function RF components to support Ku- and Ka-band SatCom applications. The portfolio includes Gallium Arsenide ("GaAs") and GaN power amplifiers, gain blocks, and low noise amplifiers ("LNA"), along with GaAs, silicon-on-insulator ("SOI") and diode-based switches, mixers, attenuators and phase shifters.
- **Free Space Optics:** MACOM will exhibit a wide range of components and capabilities for FSO systems, including lasers, laser drivers, various photodiodes and transimpedance amplifiers ("TIA"). In addition, the MACOM team will present examples of various RF-over-fiber analog photonic subsystems used in high performance SatCom applications.

MACOM invites attendees to visit **Booth #1427** to meet with engineers to learn more about MACOM's broad portfolio of products and capabilities for space applications.

Show Information:

Walter E. Washington Convention Center
Tuesday, March 19: 10:00 a.m. – 5:45 p.m.
Wednesday, March 20: 9:00 a.m. – 6:00 p.m.
Thursday, March 21: 9:00 a.m. – 1:00 p.m.

For more information about SATELLITE 2024, visit <https://www.satshow.com>.

About MACOM

MACOM designs and manufactures high-performance semiconductor products for the Telecommunications, Industrial and Defense, and Data Center industries. MACOM services over 6,000 customers annually with a broad product portfolio that incorporates RF, Microwave, Analog and Mixed Signal and Optical semiconductor technologies. MACOM has achieved certification to the IATF16949 automotive standard, the AS9100D aerospace standard, the ISO9001 international quality standard and the ISO14001 environmental management standard. MACOM operates facilities across the United States, Europe, Asia and is headquartered in Lowell, Massachusetts. To learn more, visit www.macom.com.

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