
MACOM Introduces 7.0 Kilowatt Power Amplifier

Lowell, Massachusetts, June 21, 2022 – MACOM Technology Solutions Inc. (“MACOM”), a leading supplier of semiconductor solutions, today announced at the International Microwave Symposium (“IMS”) that it has expanded its power amplifier product portfolio with the MAPC-A1605 7.0 kilowatt power amplifier. This product is ideal for high power and high voltage Aerospace and Defense applications, including RADAR and electronic warfare systems.

MACOM’s MAPC-A1605 can operate between 960MHz and 1215MHz and it currently represents MACOM’s highest power level RF amplifier component product. This extremely high-power level was achieved by combining novel high voltage circuit topologies with advanced packaging materials for improved thermal management. The MAPC-A1605 utilizes MACOM PURE CARBIDE™ GaN-on-Silicon Carbide technology and operates at 150 volt bias levels.

In addition, MACOM also introduced the MAPC-A1603 and MAPC-A1604, which operate at similar frequencies, but lower voltages and lower output powers of 3.3KW and 5.0KW, respectively. Previously, MACOM’s highest power amplifier was the MAPC-A1500 operating at 2.6KW.

“Our customers want to transmit higher power levels and these new amplifiers will help enable that,” said Stephen G. Daly, President and Chief Executive Officer. “These products are great additions to our portfolio.”

For more information about these products please reach out to sales@macom.com or visit www.macom.com.

About MACOM

MACOM designs and manufactures high-performance semiconductor products for the Telecommunications, Industrial and Defense and Datacenter 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 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.