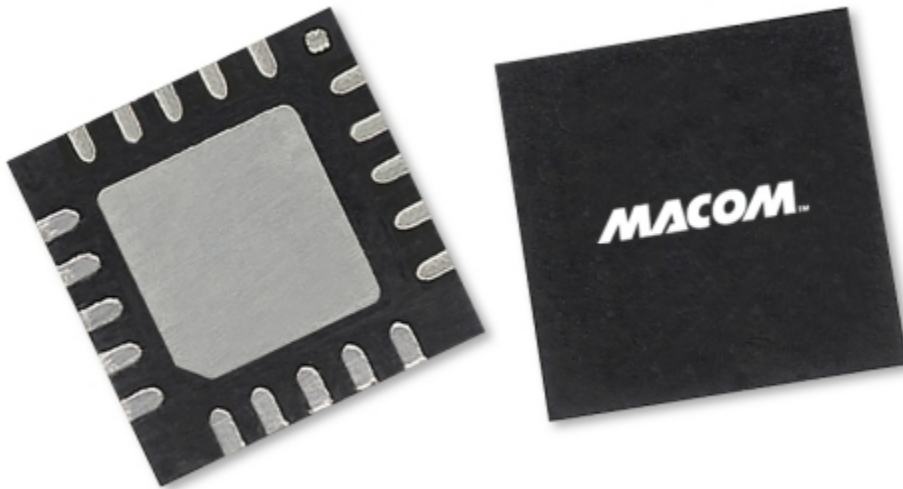


MACOM Announces High Power C-Band GaAs MMIC Amplifier in Plastic Packaging

September 11, 2013

8 W Power Amplifier operating between the 5.2 — 5.9 GHz frequency band offers customers a small sized, fully matched solution

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM"), a leading supplier of high performance RF, microwave, and millimeter wave products, today announced a new high power amplifier that is ideally suited for C-Band radar and communication applications.



Packaged in a lead free 5mm x 5mm 20 lead PQFN the device offers a fully matched solution which can be used as a power amplifier stage or as a driver stage in high power pulsed applications. (Photo: Business Wire)

performance:

Parameter	Units	MAAP-011027
Frequency Range(RF)	GHz	5.2-5.9
Gain	dB	20
Input Return Loss	dB	10
Output Return Loss	dB	10
PSAT	dBm	39
Efficiency	%	37

Production quantities and samples of MAAP-011027 are available from stock. Final datasheets and additional product information can be obtained from the MACOM website at: www.macomtech.com

ABOUT MACOM:

M/A-COM Technology Solutions (www.macomtech.com) is a leading supplier of high performance RF, microwave, and millimeter wave 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 CATV, wireless and optical communications infrastructure, satellite, radar, automotive, industrial, medical, and mobile devices. A pillar of the RF and microwave industry, we thrive on more than 60 years of solving our customers' most complex problems.

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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Any express or implied statements in MACOM product announcements are not meant as warranties or warrantable specifications of any kind. The

The [MAAP-011027](#) is ideal for customers who need a fully matched, small size and simplified packaged solution for high power pulsed applications. Operating over the 5.2-5.9 GHz frequency bandwidth, the device is a two stage, 8 W saturated C-band power amplifier with 37% power added efficiency. The MAAP-011027 is packaged in a lead free 5mm x 5mm 20 lead PQFN and offers a fully matched solution which can be used as a power amplifier stage or as a driver stage in high power pulsed applications.

"The MAAP-011027 belongs to a new family of high power GaAs MMIC amplifiers that cover L-, S-, C- and X-Band," said Paul Beasley, Product Manager. "These new products offer best-in-class performance for high power applications while leveraging MACOM's commercial manufacturing expertise to reduce the size, weight and cost of our customers' system designs."

The table below outlines typical

only warranty MACOM may offer with respect to any product sale is one contained in a written purchase agreement between MACOM and the purchaser concerning such sale and signed by a duly authorized MACOM employee, or, to the extent MACOM's purchase order acknowledgment so indicates, the limited warranty contained in MACOM's standard Terms and Conditions for Quotation or Sale, a copy of which may be found at www.macomtech.com/content/customersupport.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/multimedia/home/20130911005713/en/>

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