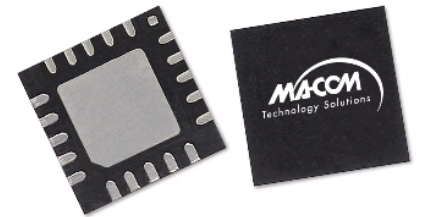




M/A-COM Technology Solutions Announces New Power Amplifier for Point-to-Point Applications

New 1.2-Watt GaAs Power Amplifier Boasts High Linearity

Lowell, MA, February 2, 2012 - M/A-COM Technology Solutions Inc. (M/A-COM Tech), a leading supplier of high performance analog semiconductor solutions, introduced today a new power amplifier for point-to-point radio applications. The [MAAP-008924](#) is a 3-stage, high linearity 1.2 W GaAs power amplifier. Packaged in a 5 mm, 20-Lead PQFN, the amplifier is fully matched to 50 ohms on both the input and output.



“The MAAP-008924 provides a high output IP3 while maintaining low DC power consumption”, said Jack Redus, Product Manager. “This power amplifier is an excellent choice for 10, 11, and 13 GHz point-to-point radio transceivers for cellular backhaul applications.”

Operating between the 10 GHz to 13.3 GHz frequency range, the MAAP-008924, can be used as a power amplifier stage, or as a driver stage in high power applications. Fabricated using M/A-COM Tech’s high linearity MESFET Process, the amplifier features 20 dB Gain and 44 dBm OIP3.

The table below outlines typical part number performance:

Parameters	Units	MAAP-008924
Frequency	GHz	10 – 13.3
Input Return Loss	dB	12
Output Return Loss	dB	10
Gain	dB	20
P1dB	dBm	31
IP3	dBm	44
Quiescent Current	mA	1000

Production quantities and samples of MAAP-008924 are available from stock. Final datasheets and additional product information can be obtained from the M/A-COM Tech website at: www.macomtech.com

ABOUT M/A-COM TECHNOLOGY SOLUTIONS INC.

M/A-COM Technology Solutions (www.macomtech.com) is a leading supplier of high performance analog semiconductor solutions for use in radio frequency (RF), microwave, and millimeter wave applications. Recognized for its broad portfolio of products, M/A-COM Tech serves diverse markets, including CATV, wireless infrastructure, optical communications, aerospace and defense, automotive, industrial, medical, and mobile devices. M/A-COM Tech builds on more than 60 years of experience designing and manufacturing innovative product solutions for customers worldwide.

Headquartered in Lowell, Massachusetts, M/A-COM Tech is certified to the ISO9001 international quality standard and ISO14001 environmental management standard. M/A-COM Tech has design centers and sales offices throughout North America, Europe, Asia and Australia.

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