

PRODUCT RELEASE

M/A-COM Technology Solutions Introduces DC to 4 GHz GaAs SP2T Switch Packaged in Miniature 1x1 mm PDFN Package

MASW-009588 Delivers Low Insertion Loss for High Linearity Applications at Low Voltage Control

Lowell, MA, April 28, 2010 – M/A-COM Technology Solutions Inc. (M/A-COM Tech) introduced today a DC to 4 GHz GaAs SPDT switch that delivers low insertion loss of 0.4 dB at 2 GHz for systems that require low control voltage and small package size. The MASW-009588 is housed in a 1mm 6-Lead PDFN package and can operate down to 1.6V which makes it ideal for PCS datacard, handset and other applications where small size and low control voltages are required.

“The MASW-009588 provides excellent small signal performance with consistent performance down to 1.6V,” says Kevin Harrington, Product Manager, M/A-COM Technology Solutions. “The IP3 performance of 55 dBm @ 2.6V makes this ideal for dongle and handset applications which require surface mount solutions. This dual control SPDT maintains harmonic levels of at least 83 dBc with an input power of 16dBm.”

Engineering samples and production devices are available today from stock. Technical support is also available from M/A-COM Tech’s applications engineers at 978.656.2539. The MASW-009588 datasheet and additional product information can be obtained from the M/A-COM Tech website at www.macomtech.com. Information about these and other products can also be obtained by visiting M/A-COM Tech’s Booth #2905 at the IEEE MTT-S Symposium in Anaheim, California, May 25 to 27.

ABOUT M/A-COM TECHNOLOGY SOLUTIONS INC.

M/A-COM Technology Solutions Inc. (M/A-COM Tech) is a leading supplier of semiconductors, active and passive components, and subassemblies for use in radio frequency (RF), microwave and millimeter wave applications. The company provides innovative design solutions and products including:

- Si, GaAs, InGaAs, InP and SiGe IC products
- Unique MMIC processes: HMIC™ and GMIC™
- In-house design, fabrication, assembly and screening capabilities
- Multiple facilities for improved flexibility and local content manufacturing
- Design expertise covering the spectrum from RF through millimeter wave frequencies
- One of the broadest selections of standard and custom products in the industry

Headquartered in Lowell, Massachusetts, M/A-COM Tech builds on some 60 years of experience to develop and manufacture active and passive products, including Si and compound semiconductors from facilities in Lowell, MA, and Torrance, CA. Infrastructure products continue to be provided by the company's facility in Cork, Ireland, and Laser Diode products in Edison, New Jersey. M/A-COM Tech is certified to ISO 9001, AS 9100 and QS-9000.

For more information visit www.macomtech.com

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