



## M/A-COM Technology Solutions Announces New Products at MILCOM 2011

**Baltimore, Maryland, November 9, 2011** - M/A-COM Technology Solutions Inc. (M/A-COM Tech), a leading supplier of high performance analog semiconductor solutions, introduced today the [MASW-000932](#), a new High Power SPDT switch, and the MADR-010574, a 250 V PIN Diode Driver.

“M/A-COM Tech’s new high power SPDT switch and 250 V PIN Driver products offer high power handling capability in a small plastic package.” said Kevin Harrington, Product Manager. “These products offer the superior performance required for military communication and public safety radios.”

The MASW-000932 is a HMIC 80Watt SPDT switch ranging from 1 MHz to 4000 MHz. Packaged in a surface mount 4mm PQFN package, this compact SPDT switch offers wideband performance with excellent isolation to loss ratio for both TX and RX state. With high isolation and low insertion loss, the MASW-000932 is suitable for high power military radio applications as well as LTE, TD-SCDMA and WiMAX applications.

The table below outlines typical part number performance:

Parameters	Units	MASW-000932
Frequency	MHz	1 - 4000
T <sub>x</sub> Insertion Loss	dB	0.25
R <sub>x</sub> Insertion Loss	dB	0.60
T <sub>x</sub> Isolation	dB	14.00
R <sub>x</sub> Isolation	dB	43.00

Production quantities and samples of [MASW-000932](#) are available from stock. Final datasheets and additional product information can be obtained from the M/A-COM Tech website at: [www.macomtech.com](http://www.macomtech.com)

Also featured at the MILCOM Show is the 250 V PIN Diode Driver that is scheduled for release in early 2012. Packaged in a convenient 7mm PQFN package, the MADR-010574 features 50 V to 250 V reverse bias voltage and up to 170 mA of forward current bias. With built in CMOS ASIC technology, the driver biases four diodes simultaneously. The MADR-010574 biases all high voltage diodes, including M/A-COM Tech’s MELF diodes and KV series diodes. The driver is well-suited for demanding, high-performance applications such as military communication and public safety radios.

Samples of MADR-010574 are available from stock. For more information, visit the M/A-COM Tech website at: [www.macomtech.com](http://www.macomtech.com)

## ABOUT M/A-COM TECHNOLOGY SOLUTIONS INC.

M/A-COM Technology Solutions ([www.macomtech.com](http://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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