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M/A-COM Technology Solutions Extends Leadership in System Solutions With New 42GHz SMARTSET Chipset

Chipset Offers an Integrated and Cost Effective Solution for OEM Customers

MONTREAL, June 19, 2012 (GLOBE NEWSWIRE) -- M/A-COM Technology Solutions Inc. (M/A-COM Tech), a leading supplier of high performance analog semiconductor solutions, introduced today at the International Microwave Symposium (IMS/MTT-S) Trade Show, in Montreal, Canada, a [42GHz SMARTSET Chipset](#) for point-to-point radio applications.

Using a systems-driven approach to integration, coupled with innovative IC and package design capabilities, the chipset enables OEM customers to achieve faster time-to-market with optimal performance. The chipset is offered in a convenient surface mount package. This facilitates the use of common high-volume assembly lines in manufacturing operations.

"The new 42GHz Chipset offers a complete millimeter-wave transmit and receive solution for this emerging high capacity radio band", said David Richardson, PTP/Infrastructure Market Director. "The chipset provides an optimized high performance solution, and the innovative packaging allows for assembly in standard surface mount technology production lines."

M/A-COM Tech's innovative [42GHz SMARTSET Chipset](#) includes:

Part Number	Product	Frequency	Package
MAUC-010515	Upconverter	40.5 - 43.5 GHz	6x6 mm Laminate
MAAM-010513	Driver Amplifier	40.5 - 43.5 GHz	5x5 mm Laminate
MAAP-010512	Power Amplifier	40.5 - 43.5 GHz	7x7 mm Laminate
MADC-010736	Downconverter	40.5 - 43.5 GHz	6x6 mm Laminate
MAFC-010511	Frequency Doubler	16.0-24.0 GHz	3x3 mm QFN
MAAT-010521	Voltage Variable Amplifier	5.0 - 45.0 GHz	3x3 mm QFN
MAOC-0092xx	Voltage Controlled Oscillator	5.7 — 14.2 GHz	5x5 mm QFN

Production quantities and samples of the [42GHz SMARTSET Chipset](#) 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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