



M/A-COM Technology Solutions Introduces New 8-Way Splitter for CATV Applications

New Splitter Features 'Default-On Loop-Through Path' that Provides Continuous Signal

Lowell, MA, July 28, 2011 - M/A-COM Technology Solutions Inc. (M/A-COM Tech), a leading supplier of high performance analog semiconductor solutions, introduced today an innovative 8-way active splitter for CATV applications. The MAAM-010237 belongs to a larger family of Broadband Active Splitters and targets multi-tuner set-top boxes, home gateways and other broadband, internet-based Customer Premises Equipment (CPE) applications. Featuring a default-on loop-through path, the MAAM-010237 allows for access to the cable signal even when the CPE box is powered down.

"M/A-COM Tech continues to lead the way with innovative, high performance products for CATV Customer Premises Equipment," said Graham Board, Product Manager. "The MAAM-010237, 8-way active splitter with default-on loop-through path, reduces the front-end design complexity, component count, and real-estate requirements in today's "green" multi-tuner gateways."

The table below outlines specific part number performance:

Parameters	Units	MAAM-010237
Frequency	MHz	50 -1100
Gain	dB	4.0 @ 900 MHz
Noise Figure (all ports)	dB	4.75
Composite Triple Beat	dBc	-65
Composite Second Order	dBc	-50
Insertion Loss	dB	0.9
Isolation between Outputs	dB	20 typ (power on) 30 typ (power off)

The MAAM-010237 is a highly linear 8-way active splitter with low distortion and low noise figure. Designed for operation from 50 to 1100 MHz, the MAAM-010237 is packaged in a RoHS compliant leadless 4mm PQFN package. The 8-way Splitter is fabricated using M/A-COM Tech's E/D pHEMT process which optimizes default loop-through operation, low noise and low distortion.

Production quantities and samples of MAAM-010237 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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