

PRODUCT RELEASE

M/A-COM Technology Solutions Introduces a New Family of Active Splitters

Cost effective solution provides robust performance in subscriber equipment

MTT-S 2010, Anaheim, California--May 25, 2010-- M/A-COM Technology Solutions is introducing a new family of active splitters for multi-tuner broadband voice, video and data customer premises equipment (CPE). The products are on display in the M/A-COM Technology Solutions Booth #2905 at the MTT-S show in Anaheim, California. The two-, three-, four- and five-way active splitters are designed to optimize subscriber equipment reception in crowded analog and digital channel loading conditions in North America, Europe and Asia. An active splitter helps simplify customer premises equipment since it integrates multiple circuit elements into a single chip.

The five volt splitters cover from 50 MHz to 1100 MHz for CATV and 950 MHz to 2150 MHz for satellite, and are cost-effective, single-ended solutions for cable TV, passive optical network (PON) and direct broadcast satellite (DBS) subscriber equipment. Other applications include cable modems and HDTV sets.

These new splitters feature M/A-COM Tech's highly linear pseudomorphic high electron mobility transistor (pHEMT) process that minimizes power consumption and maximizes linearity and noise figure.

"M/A-COM Tech's process combines optimal characteristics for noise and distortion which is why our splitters are leading the market," said Harry Quinlan, Director, CATV and Broadcast Products.

The new splitters complement M/A-COM Tech's extensive portfolio of passive, active and control components for broadband 75 ohm applications. All six splitters in this family are housed in RoHS-compliant, plastic, surface-mount packages ranging from the compact 2 mm, 8-lead PDFN to M/A-COM Tech's standard 3 mm, PQFN 16-lead package. The devices are sold in tape and reel.

New Active Broadband Splitters from M/A-COM Technology Solutions

Part Number	Frequency (MHz)	Splits	Gain (dB)	Noise Figure (dB)	Vdd (V) Idd (mA)
MAAM-008818	50-1100	2	3	4	5/120
MAAM-008819	50-1100	3	2.5	3.8	5/120
MAAM-008820	50-1100	4	3	3.8	5/120
MAAM-008821	50-1100	5	3.5	3.8	5/120
MAAM-008822	50-1100	3	4.5* 1.3**	4.0* 4.4**	5/120
MAAM-008970	950-2150	2	4.8	5	5/60

*Port 2, 3

**Port 1

Complete datasheets can be found by clicking on the part numbers above or by accessing the M/A-COM Technology Solutions website: macomtech.com

AVAILABILITY AND PRICING

The new active splitters are available immediately. Contact your local M/A-COM Technology Solutions sales representative or distributor for a quote today.

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 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 ISO9001

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Visit us at Booth #2905 at MTT-S in Anaheim, CA, May 25 to 27. Ask us about the m2advantage

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