



M/A-COM Technology Solutions Introduces 6-Bit Digital Attenuator with Serial / Parallel Control for 75 Ohm Systems Operating up to 1 GHz

MAAD-008866 Includes TTL/CMOS Compatible Driver and Offers 0.5-dB Attenuation Steps to 31.5 dB

Lowell, MA, April 27, 2011 - M/A-COM Technology Solutions Inc. (M/A-COM Tech) introduced today the MAAD- 008866, a 6-bit, 0.5-dB step digital attenuator for 75 Ohm systems operating up to 1 GHz. This attenuator is ideal when high accuracy, low power consumption (4 microAmps typical at 5V, steady state) and low intermodulation products are required.

The MAAD-008866 includes an integrated TTL/CMOS compatible driver and offers parallel and serial control with a power-up state function. The device achieves an insertion loss of 1.4 dB with a typical input return loss of 18 dB from 5 MHz to 1,000 MHz. Attenuation accuracy is plus/minus 0.15 dB plus 4% of attenuation setting.

“The new digital attenuator enables broadband equipment manufacturers to maximize signal level control performance in home gateways, passive optical nodes, cable cards and RF tuners,” said Graham Board, Global Product Manager, CATV products. “Made with our proven pHEMT process and ‘green’ over-mold packaging, the attenuator expands our Broadband/CATV product portfolio of 75 Ohm products that includes a variety of amplifiers, switches and multifunction ICs.”

Engineering samples, sample boards and production devices are available now. The evaluation board part number is MAAD-008866-001SMB. The MAAD-008866 is sold in 13-inch, 3,000 piece reels.

Technical support is also available from M/A-COM Tech’s applications engineers at 978.656.2539. Datasheets and additional CATV product information can be obtained from the M/A-COM Tech website at www.macomtech.com/Content/marketscatvbroadcast.

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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