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## MACOM Announces New High Performance, DOCSIS 3.1 Compliant 12V CATV Amplifier

*New MAAM-011169 push-pull infrastructure amplifier provides high output power, linearity and gain for fiber to the premises (FTTP) distribution*

LOWELL, Mass.--(BUSINESS WIRE)-- M/A-COM Technology Solutions Inc. ("MACOM") (NASDAQ: MTSI), a leading supplier of high-performance analog RF, microwave, millimeterwave and photonic semiconductor products, today announced its new [MAAM-011169](#) 12V CATV push-pull infrastructure amplifier designed to meet DOCSIS 3.1 and C-DOCSIS standards. Targeted at hybrid fiber-coaxial (HFC) network amplifiers and FTTP ONTs, the new MAAM-011169 MMIC amplifier delivers high output power, gain and linearity with low power dissipation.

The MAAM-011169 delivers 46 dBmV per channel output power with 25 dB gain and is optimized for very low distortion and high linearity in a 75ohm push-pull amplifier circuit. It provides excellent input and output return loss over the 45 to 1200 MHz bandwidth whilst delivering superior thermal performance in an industry standard 5x7 mm PQFN package.

The MAAM-011169 is the newest addition to MACOM's comprehensive portfolio of RF components specifically designed to comply with the DOCSIS 3.1 standard for high-bandwidth data transfer over existing HFC infrastructure. MACOM's extensive CATV technology expertise and robust global application support network ensure that CATV providers can meet growing bandwidth demands and accelerate their time to market with DOCSIS 3.1 systems and solutions.

"With the introduction of the MAAM-011169, MACOM delivers a best-in-class next generation 12V power amplifier for legacy DOCSIS 3.0 and emerging DOCSIS 3.1 HFC networks," said Graham Board, Senior Director of Carrier Networks, MACOM. "MACOM's high performance, cost competitive cable/broadband solutions - covering actives, passives and filters - enable network equipment providers to support end-to-end DOCSIS 3.1 compliant HFC networks."

To learn more about MACOM's [MAAM-011169](#) amplifier and wired broadband portfolio, visit booth #2710 at the SCTE 2015 show in New Orleans, LA. Production quantities and samples are available to customers, click [here](#) for datasheets and additional product information.

### ABOUT MACOM:

M/A-COM Technology Solutions Holdings, Inc. ([www.macom.com](http://www.macom.com)) is a leading supplier of high-performance analog RF, microwave, millimeterwave and photonic semiconductor products that enable next-generation internet and modern battlefield applications. Recognized for its broad catalog portfolio of technologies and products, MACOM serves diverse markets, including high speed optical, satellite, radar, wired & wireless networks, automotive, industrial, medical, and mobile devices. A pillar of the semiconductor industry, we thrive on more than 60 years of solving our customers' most complex problems, serving as a true partner for applications ranging from RF to Light.

Headquartered in Lowell, Massachusetts, MACOM is certified to the ISO9001 international quality standard and ISO14001 environmental management standard. MACOM has design centers and sales offices throughout North America, Europe, Asia and Australia.

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