



New Product Announcement

Mouser Electronics Stocks Analog Devices' LTM46xx µModule POL Regulators for Variety of Power Supply Needs

September 11, 2018 – [Mouser Electronics](#), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the Power by Linear™ [LTM46xx](#) µModule® power products from [Analog Devices](#), a series of point-of-load (POL) regulators designed to reduce solution size and deliver reliable power circuit performance. The LTM46xx µModule regulators support step-down (buck), step-up (boost), and step-down and step-up (buck-boost) conversion with a wide array of function and feature combinations.

[Analog Devices LTM46xx](#) µModule regulators, available from Mouser Electronics, are highly integrated system-in-package (SiP) [power management](#) solutions that integrate DC-DC controllers, inductors, compensation components, power transistors, and input and output capacitors. The devices offer control and monitor functions including temperature monitoring, current monitoring, and output voltage monitoring trimming, sequencing, and margining. Offering efficient power system management, the µModule regulators increase reliability by delivering controlled voltage accuracy, fault reporting and logging, and remote debugging.

The comprehensive LTM46xx series of µModule regulators comprises 100 power products in 15 product families with 22 package options. Options include ultralow noise regulators that meet EN55022 class B requirements for electromagnetic compatibility (EMC), buck-boost regulators that operate from higher input voltage and feature integrated magnetics, and an ultrathin package that can fit on the back of the PCB or next to an ASIC or FPGA sharing the same cold plate or heat sink. The multiple output devices are available in two, three, four, or five outputs, allowing current sharing of outputs to increase load current and ON/OFF or sequencing of each output.

For more information about the variety of devices offered in the LTM46xx µModule power products series, consult the [selection guide and brochure](#) and visit www.mouser.com/adi-ltm46-umodule-regulators.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 700 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Analog Devices

Analog Devices is the leading global high-performance analog technology company dedicated to solving the toughest engineering challenges. We enable our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure, power, connect and interpret. Visit <http://www.analog.com>.

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