

## New Product Announcement

# Now at Mouser: Analog Devices' Versatile LT8361 DC-DC Converters Provide Boost/SEPIC/Inverter Configuration Options

**October 22, 2018** – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking Power by Linear™ [LT8361](#) current-mode, multi-topology DC/DC converters from [Analog Devices](#). The versatile 2 MHz devices can be configured as boost, single-ended primary-inductor converter (SEPIC), or inverting converters, and feature a wide input voltage range of 2.8V to 60V. The converters include a 2 A, 100 V power switch, enabling them to deliver operational efficiencies up to 95 percent in [automotive](#), [industrial](#), [telecom](#), and [medical](#) applications.

The [Analog Devices LT8361](#) DC-DC converters, available from Mouser Electronics, feature a programmable frequency from 300 kHz to 2 MHz, allowing designers to avoid critical frequency bands and minimize external component sizes. The devices offer Burst Mode® operation, maintaining high efficiency at low output currents while consuming as little as 9 µA quiescent current. Spread spectrum frequency modulation delivers reduced electromagnetic interference (EMI), while a single feedback pin sets the output voltage for either positive or negative to reduce pin count.

The compact LT8361 converters are available in industrial (minus 40 to 125 degrees C) and high-temperature (minus 40 to 150 degrees C) versions, housed in a thermally enhanced, 16-lead MSOP package with four pins removed for [high-voltage](#) spacing. The feature-rich LT8361 converters also offer programmable undervoltage lockout, frequency foldback, external synchronization, programmable soft-start, and a BIAS pin for increased efficiency.

To learn more, visit [www.mouser.com/adi-lt8361-converters](http://www.mouser.com/adi-lt8361-converters).

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**

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### **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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