



New Product Announcement

Maxim's Full Line of Himalaya uSLIC Power Modules Now Available from Mouser Electronics

February 21, 2019 – [Mouser Electronics](#), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking [Himalaya uSLIC™](#) DC-DC power modules from Maxim Integrated. Offering an ultra-small power source to drive high-voltage industrial and consumer applications, the micro system-level IC (uSLIC) modules provide a wide input voltage range for factory automation, medical, and communications devices.

The [Maxim Himalaya uSLIC](#) power modules, available from Mouser Electronics, enable cooler, smaller, and simpler power supply solutions. Housed in exceptionally small packages, the modules accept a wide input voltage from 4.0 V to 60 V and deliver up to 300 mA output current over adjustable output voltages. The modules integrate a synchronous wide-input Himalaya buck regulator — which includes built-in FETs, compensation and other functions — with a shielded inductor in a minuscule 2.6 mm × 3.0 mm × 1.5 mm package. The modules use a peak-current-mode control architecture and offer a soft-start feature to reduce input inrush current.

Compliant to CISPR 22 (EN 5022) Class B and JEDEC certified, the Maxim Himalaya uSLIC power modules deliver increased energy efficiency, shock and vibration tolerance, high temperature operation, and electromagnetic interference (EMI) compliance. The devices boast an ambient operating temperature range of minus 40 to 125 degrees Celsius and are guarded by hiccup overcurrent protection and overtemperature protection. Ideal for space-constrained applications in small enclosures, the modules offer a power solution to support [industrial](#) sensors, motor encoders, [building control](#), 4mA to 20mA current-loop powered [sensors](#), and low dropout (LDO) regulator replacement.

To learn more, visit www.mouser.com/maxim-himalaya-uslic-power-modules.

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 750 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 Maxim Integrated

Maxim is the leader in analog integration. From mobile to industrial solutions, Maxim is making analog smaller, smarter and more energy efficient.

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– 30 –

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