

New Product Announcement

Mouser Electronics Now Stocking Maxim MAX5995B PMIC for 802.3af/at/bt Power over Ethernet

February 5, 2019 – [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 [MAX5995B](#) power management IC (PMIC) from [Maxim Integrated](http://www.maximintegrated.com). The small PMIC provides a complete interface for powered device (PD) to comply with the IEEE 802.3af/at/bt standard in a Power-over-Ethernet (PoE) system.

[Maxim's MAX5995B](#) PMIC, available from Mouser, provides the PD with a detection signature, classification signature, and an integrated isolation power switch with startup inrush current control. The IC supports a multi-event classification method as specified in the IEEE 802.3bt standard, and provides a signal to indicate from Type 1 to Type 4 Power Sourcing Equipment (PSE). The MAX5995B PMIC also provides a Power-Good (PG) signal, two-step current limit and foldback control, and over temperature protection.

The device features an Intelligent Maintain Power Signature (MPS) function, ultra-low-power sleep mode, an input undervoltage lockout with wide hysteresis, and long de-glitch time to compensate for twisted pair cable resistive drop and to assure glitch-free transition during power-on/-off conditions.

The MAX5995B PMIC is available in a 16-pin, 5 mm × 5 mm TQFN power package with an operating temperature range of minus 40 to 85 degrees Celsius. The PMIC is ideal for VOIP phones, IP [security](#) cameras, [wireless](#) access points, small cell and picocell base stations, [lighting](#), and building [automation](#).

To learn more, visit www.mouser.com/maxim-max5995x-pmics.

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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