



New Product Announcement

Now At Mouser Electronics: Texas Instruments' TLV40x1 Low-Power Comparators for Power Supply Designs

September 23, 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 the [TLV40x1](#) low-power comparators from [Texas Instruments](#) (TI). The high-accuracy comparators feature a low 2.5- μ A quiescent current and are ideal for space-critical, low-power designs such as portable or battery-powered electronics, lithium-ion battery [monitoring](#), current and voltage sensing, point of load regulators, and AC and DC [power supplies](#).

[TI's TLV4021 and TLV4041](#) comparators, available from Mouser Electronics, offer precision threshold accuracy of 1 percent and a propagation delay as low as 360 ns, helping to reduce latency and respond quickly to fault conditions. Enabling design flexibility, both devices offer a non-inverting input, while the TLV4021 features an open-drain output stage, and the TLV4041 features a push-pull output stage.

The comparators' ultra-small, 0.73 x 0.73 mm DSBGA package enable engineers to design smaller, simpler and more integrated systems while maintaining high performance. Additionally, pairing either comparator with the [INA185](#) current-sense amplifier produces one of the smallest, highest-performing overcurrent detection solution in the industry.

To learn more, visit www.mouser.com/ti-tlv40x1-comparators.

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 26 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

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