

New Product Announcement

Maxim's MAX2270x Isolated Gate Drivers, Now at Mouser, Offer Ultra-High CMTI in Motor Control Applications

February 11, 2020 – [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 the [MAX22701E](#) isolated gate driver from [Maxim Integrated](#). The first of the MAX22700–MAX22702 family of single-channel isolated gate drivers with ultra-high common-mode transient immunity (CMTI), the MAX22701E drives silicon-carbide (SiC) or gallium nitride (GaN) transistors in various inverter or [motor control](#) applications.

As an authorized distributor, Mouser Electronics is focused on the rapid introduction of new products and technologies, giving customers an edge and helping speed time to market. Over 800 semiconductor and electronic component manufacturers count on Mouser to help them introduce their products into the global marketplace. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each manufacturer.

The [Maxim MAX22701E](#) gate driver, available from Mouser Electronics, features single-ended inputs with a Miller clamp output and transfers digital signals between circuits with different power domains. The IC offers an $R_{DS(ON)}$ of 2.5 Ohms for the low-side driver and maximum $R_{DS(ON)}$ of 4.5 Ohms for the high-side driver.

The MAX2270x family ICs' ultra-high CMTI of 300 kV/ μ s (typ) and low propagation delay skew making them ideal for use with GaN and SiC FETs in uninterruptible [power supplies](#) (UPS), photovoltaic inverters, and motor drives. All devices have integrated digital galvanic isolation using Maxim's proprietary process technology. All of the devices in the MAX22700–MAX22702 family are available in an 8-pin, narrow-body SOIC package with 4 mm of creepage and clearance.

To learn more, visit <https://www.mouser.com/new/maxim-integrated/maxim-max2270x-gate-drivers/>.

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 800 manufacturers. Mouser offers 27 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.

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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