



New Product Announcement

Infineon's CIPOS Tiny Inverter Modules, Now at Mouser, Offer High Power Density for Motor Drives

June 12, 2019 – [Mouser Electronics](#), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [CIPOS Tiny](#) three-phase inverter modules from [Infineon Technologies](#). The CIPOS Tiny are Infineon's newest generation of Intelligent Power Modules (IPMs), offering very high power density for variable-speed motor drives in products such as washing machines, range hoods, room air conditioning, and commercial and industrial fans.

The [Infineon CIPOS Tiny](#) three-phase inverter modules, available from Mouser Electronics, use the latest Infineon TRENCHSTOP™ IGBT 6 to enable maximum efficiency in a footprint 33 percent smaller than the [CIPOS Mini](#) series. The modules incorporate a single three-phase, level-shifting high voltage driver IC and are compatible down to 3.3 V controller outputs. The CIPOS Tiny series features a blocking voltage of 600 V and four output current classes from 6 A to 20 A. With features such as under-voltage lockout, a high-precision temperature monitor, and over-current protection, the modules deliver fail-safe operation with high system-level protection.

Mouser is also offering [multiple evaluation boards](#) with different variants of the CIPOS Tiny modules on board. The easy-to-use boards work with the [iMOTION Modular Application Design Kit](#) (MADK) to help minimize development time.

To learn more, visit www.mouser.com/infineon-cipos-tiny-inverter-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 25 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 Infineon Technologies

Infineon Technologies is a leading global designer, manufacturer and supplier of a broad range of semiconductors used in various microelectronic applications. Infineon's product portfolio consists of logic products, including digital, mixed-signal, and analog integrated circuits, as well as discrete semiconductor products.

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