

New Product Announcement

Omron's New Highly Sensitive MEMS Thermal Sensor Now at Mouser

Infrared sensor able to identify human presence by heat detection

January 30, 2013 – [Mouser Electronics](http://www.mouser.com), Inc. is now stocking [Omron](http://www.omron.com)'s D6T MEMS Thermal Sensor, a super-sensitive non-contact infrared temperature sensor that uses body heat rather than motion to detect human presence.

Omron has developed every component of this new sensor in-house, from the MEMS sensors to ASICs (application-specific-ICs) to ensure highly-sensitive detection. This unique MEMS technology from Omron ideally fits with Mouser's dedication to supply design engineers and buyers with the newest products and leading edge technologies.

The D6T sensor is different from other thermal sensors in that human presence is detected by sensing body heat rather than motion. In addition, the D6T is not limited to a single contact point for measuring temperature; rather, non-contact temperature measurement is taken for an entire area. The sensor can be used in industrial applications to maintain optimal room temperature, to sense unusual changes in temperature, or to detect areas of overheating. These features make the series ideal for security systems and factory automation applications.

To learn more, visit <http://www.mouser.com/new/omronelectronics/omron-d6t/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 19 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 3 million orderable part numbers available for easy online purchase.

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Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 3 million products online from more than 450 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 375,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Omron Electronic Components

Omron Electronic Components is the world's leading supplier of technologically advanced electronic components. Omron's vast product line includes switches (general, snap-action, control, DIP/SIP, miniature, sub-miniature, and thumbwheel), relays, connectors, optoelectronics, and sensors that are used in consumer electronics, computer peripherals, office automation products, and telecom applications.

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Further information, contact:
Kevin Hess, Mouser Electronics
Vice President Technical Marketing
(817) 804-3833
kevin.hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Corp. Communications & Media Relations Mgr.
(817) 804-7764
kelly.degarmo@mouser.com