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## For Immediate Release

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## Only At Mouser! Micropelt TE-Power MOTE Wireless Sensor System allows for Remote Sensing Without Batteries!

**Mansfield, Texas, USA — March 03, 2011** - Mouser Electronics, Inc., regarded as a top global engineering design resource for semiconductors and electronic components, today announced it is stocking new product from Micropelt.

The Micropelt TE-Power MOTE is a fully sealed autonomous wireless sensor system for outdoor or indoor applications, including harsh conditions. The TE-Power MOTE is based on the Micropelt TE-Power NODE platform and is powered by the MPG-D751 Thermo-Electric Generator (TEG) that converts heat into electrical energy. The Micropelt TE-Power MOTE autonomous wireless sensor is equipped with a Texas Instruments MSP430 ultra-low power microcontroller and a TI CC2500 2.4 GHz transceiver and can power from a vast range of waste heat or cold sources: friction/motion, electrical current, heating, air-conditioning, fire, pipes with hot/cold fluid, machines, motors, and more. A 2.4GHz radio link communicates the measurement data to the TE-Power SCOPE PC software. The Micropelt TE-Power MOTE system is prepared to adopt different network protocols within the 2.4 GHz frequency band, such as ZigBee. The current implementation is based on the TI "simpliciTI" RF network protocol.

To learn more, visit <http://www.mouser.com/micropeltpowermote>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in emerging technologies. Mouser offers customers the latest, most technologically advanced components for their newest design projects. Mouser Electronics' website is updated daily and searches nearly 7 million products to locate over 1.8 million orderable part numbers available for easy online purchase. 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

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning 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 1.8 million products online from more than 400 manufacturers. Mouser publishes multiple catalogues 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 300,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

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### **About Micropelt**

Micropelt creates innovative solid state thin film Peltier cooler and thermogenerator devices that build on a scalable semiconductor platform technology. Micropelt products provide extreme power for cooling, cycling, and thermal management on a mm<sup>2</sup> scale as well as thermal energy harvesting and perpetual power supplies for self-sustained electronic devices. Micropelt solid state thin film devices target the chip spot cooling, energy harvesting, fiber optics, HVAC, and biomedical markets.

For more information, visit <http://www.micropelt.com/>.

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