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**For Immediate Release**

**Tired of replacing batteries in Wireless Systems? Check out the Micropelt TE-Power PROBE Thermoharvesting Power Source at Mouser Electronics**

**Mansfield, Texas, USA – May 13, 2010** – Mouser Electronics, Inc., known for its rapid introduction of the newest products, today announced it is stocking new product from Micropelt.

The Micropelt TE-Power PROBE Thermoharvesting Power Source is an integrated proximity or near-field thermoharvester designed for replacing primary batteries in most modern wireless systems operating in duty cycle mode. The Micropelt TE-Power Probe harvester goes to the nearest hot spot and is wired up to the device(s) to be powered sustainably. A temperature gradient of 20°C (68°F) is converted to 1 milliwatt (mW) of power, equivalent to 3 amp hours annually for a 3 volt system. A gradient of 75°C (167°F) will return 10 mW equivalent to 30 AA cells of 2 Ah each, greatly enhancing the energy budget for remote wireless sensors and actuators. The 4.5V output voltage of the Micropelt TE-Power Probe easily re-charges capacitors, thin film batteries, and conventional secondary cells. Optional configurations are available upon request. To learn more, visit <http://www.mouser.com/micropelt>.

Known for its focus on design engineers with its broad product line, unsurpassed customer service, advanced on-line catalog and innovative product marketing, Mouser continuously offers customers the newest products and latest technologies for their new design projects.

Mouser Electronics' website with interactive online catalog is updated daily and searches over 5 million products to locate over a million part numbers available for easy online purchase. Plus, it houses downloadable data sheets, supplier-specific reference designs, application notes, technical design information and engineering tools.

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***The Newest Products For The Newest Designs***

### **About Mouser**

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features more than a million products online from more than 400 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 270,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit <http://www.mouser.com>.

### **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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