

## New Product Announcement

# Mouser Offers New 1-Wire Thermocouple to Digital Converters from Maxim Integrated

**July 15, 2013** – [Mouser Electronics](http://www.mouser.com), Inc. is now stocking highly accurate 1-wire Thermocouple to Digital Converters from [Maxim Integrated](http://www.maximintegrated.com). MAX31850 and MAX31851 ease design effort and lower system cost.

The 1-wire interface of these cold junction compensated devices simplifies multi-thermocouple systems with minimal wiring. Each device has a unique 64-bit serial code stored in an on-board ROM. They also feature four pin-programmable bits to uniquely identify up to 16 sensor locations on a bus. MAX31850 / MAX31851 simplify system fault management and troubleshooting by detecting thermocouple shorts to GND or  $V_{CC}$ . These Thermocouple to Digital Converters are ideal for use in a variety of applications, including precision industrial thermal monitoring, medical equipment, solar equipment, and automotive. Learn more about the MAX31850 / MAX31851 at <http://www.mouser.com/new/maxim-integrated/maxim-max31850>.

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 4 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 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 4 million products online from more than 500 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 400,000 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 Maxim Integrated**

Maxim Integrated delivers innovative analog and mixed-signal engineering solutions used in a wide variety of microprocessor-based electronics equipment. Maxim product offerings include data converters, semiconductors, interface circuits, RF wireless circuits, clocks and oscillators, microcontrollers (MCUs), operational amplifiers (op amps), sensors, and more.

### **Trademarks**

Mouser and Mouser Electronics are registered trademarks of Mouser Electronics, Inc. All other products, logos, and company names mentioned herein may be trademarks of their respective owners.

– 30 –

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

For press inquiries, contact:  
Kelly DeGarmo, Mouser Electronics  
Media Communications Manager  
(817) 804-7764  
[kelly.degarmo@mouser.com](mailto:kelly.degarmo@mouser.com)