



For Immediate Release

Mouser Offering Qi (“chee”) Solutions for Wireless Charging

January 18, 2012 – [Mouser Electronics](#), Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced it is stocking components in support of the Wireless Power Consortium’s Qi (pronounced “chee”) global standards for interoperability between wireless power transmitters and wireless power receivers. The Wireless Power Consortium (WPC), consisting of 100 international, leading wireless technology companies, is dedicated to promoting wireless charging stations that are compatible across different companies and countries.

Mouser is stocking new components that meet the new Qi standard.

- [Texas Instruments’ BQ500110 / BQ500210](#) Wireless Power Transmitter Managers
 - o Integrate the logic functions required to control wireless power transfer
 - o Single channel WPC compliant contactless charging base station
- [TI’s BQ51011](#) Gen 2 Wireless Power Receiver
 - o Provides AC/DC power conversion while integrating the digital control required to comply with the WPC v1.0 communication protocol

These transmitters and receivers are designed for devices such as cell phones, smart phones, headsets, digital cameras, portable media players and hand-held devices. Both the TI transmitter and receiver are supported by robust development tools.

- [TI’s bqTESLA150LP](#) Evaluation Kit
 - o Low power wireless development kit
 - o Includes transmitter with a Qi-compliant controller and a Qi-compliant receiver IC
- [Vishay’s IWAS Series](#) Wireless Charging Receiving Coil/Shield
 - o First commercial Qi-compliant wireless receiver coil available
 - o Incorporated into the Texas Instrument’s bq51013EVM-725
 - o High permeability shielding, blocks charging flux from sensitive components or batteries

To learn more about the Qi global standards initiative and about Mouser’s new Qi offerings, visit <http://www.mouser.com/Qitech/>.

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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 8 million products to locate over 2 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 2 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 325,000 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>.

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