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For Immediate Release

Get Powered Up with the Updated Mouser Solar Power Technology Site

November 12, 2014 – [Mouser Electronics](http://www.mouser.com), Inc. today announced the introduction of their updated [Solar Power Technology](#) site. Mouser's updated technology site provides developers with the resources they need to learn about the latest advances in solar power generation systems and the newest components available from Mouser for building solar power systems.

The updated [Solar Power Technology site](#), available on Mouser.com, contains even more valuable resources for developers interested in learning about the latest advances in solar power systems. The [Technology section](#) provides an overview of solar power systems including AC and DC disconnect boxes, the combiner box, and the special cables used to withstand extreme conditions. The heart of any solar power system is the inverter, which takes the DC current generated by the solar cells and converts it to AC current. This site discusses how the newest solar power systems use [microinverters](#), an inverter built into the solar panel itself. With solar panels that use microinverters a row of solar panels tied together in parallel, called solar strings, are effectively generating AC current. This results in more reliable and cost-efficient systems. A block diagram of a microinverter explains the system operates, with links to components used in inverters available from Mouser Electronics.

The [Articles section](#) discusses topics such as [Solar Energy Harvesting Project to Power a Remote Texas Instruments MSP430 with 2.4GHz Notification](#) and [Designing a Solar Powered Remote Sensor](#). All articles offer an area to post comments and questions to facilitate further discussions on the topic.

The [Featured Products section](#) focuses on key products available from Mouser.com that speed and enhance the construction of a solar power generation system. Products include the [Panasonic AQZ Series Relays](#) used in disconnect boxes, [STMicroelectronics STPSC6H12 Schottky SiC Rectifiers](#) for high power inverters, and the [Littelfuse SPXV 1500V Solar Fuses](#) found in combiner boxes. Additional products are available to assist in development of solar power systems including the [Texas Instruments C2000™ Solar Inverter Development Kit](#). All available for same-day shipping from Mouser.com.

Finally, the [Resources section](#) lists videos and application notes that discuss device selection and application considerations for solar power systems. Applications discussed include circuit protection, energy harvesting, solar power monitoring, specialized wire and cable, and microinverter designs.

To learn more, visit: <http://www.mouser.com/applications/solar-power-technology/> .

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 20 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>.

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