

For Immediate Release

Vishay Siliconix SiHG47N60S N-Channel Power MOSFETs

Mansfield, Texas, USA — April 28, 2011 - Mouser Electronics, Inc., regarded as a top design engineering resource and global distributor for semiconductors and electronic components, today announced it is stocking new product from Vishay Siliconix.

The Vishay Siliconix SiHG47N60S 47 A, N-channel power MOSFET features the industry's lowest gate charge times on-resistance figure of merit (FOM). The Vishay Siliconix SiHG47N60S features a 15.12 Ω -nC gate charge times on-resistance. The Vishay Siliconix SiHG47N60S also provides ultra-low maximum on-resistance of 0.07 Ω at a 10 V gate drive. This Vishay Siliconix device is produced using Vishay Super Junction technology and is tailored to minimize on-state resistance and withstand high energy pulse in avalanche and commutation mode. Vishay Siliconix SiHG47N60S power MOSFETs are ideal for use in a variety of applications, including inverter circuits and PWM full-bridge topologies in solar and wind inverters. They are also optimized for telecom, server, and motor-control power applications. To learn more, visit <http://www.mouser.com/vishaysihg47n60s>.

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 17 global customer support locations and the latest, most technologically advanced components for customers' newest design projects. Mouser Electronics' website is updated daily and searches more than 7.5 million products to locate over 1.9 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 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 1.9 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 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.

About Vishay Siliconix

Vishay / Siliconix power MOSFET transistors and integrated circuits (ICs) are used to manage and convert power in computers, cell phones, and the communications infrastructure, as well as to control motion in computer disk drives and automotive systems. Vishay / Siliconix analog switching ICs are used to sense, switch, and route analog signals in instrumentation and a wide array of industrial products.

[Also See Vishay Semiconductors](#)

For more information, visit <http://www.vishay.com/company/brands/siliconix/>.

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