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**For Immediate Release**

# Mouser Stocking the New Vishay Siliconix SiHx16N50C 500-V N-Channel Power MOSFETs!

**Mansfield, Texas, USA — March 21, 2011** - Mouser Electronics, Inc., regarded as a top global engineering design resource for semiconductors and electronic components, today announced it is stocking new product from Vishay Siliconix.

Vishay Siliconix SiHx16N50C 500-V, 16-A N-channel power MOSFETS feature ultra-low 0.38-Ω maximum on-resistance at a 10-V gate drive and an improved gate charge of 68nC. The low on-resistance of the Vishay Siliconix SiHP16N50C (TO-220AB package), SiHF16N50C (TO-220 FULLPAK), SiHB16N50C ($D^2PAK$), and SiHG16N50C (TO-247AC) MOSFETs translates into lower conduction losses that save energy in power factor correction (PFC) boost circuits, PWM half bridges, and LLC topologies in a wide range of applications, including notebook computer AC adapters, PC power supplies, LCD TVs, and open-frame power supplies. Gate charges times on-resistance is a low 25.84 Ω-nC. Vishay Siliconix SiHx16N50C N-channel power MOSFETs are produced using Vishay Planar Cell technology that has been tailored to minimize on-state resistance and withstand high energy pulse in the avalanche and commutation modes. The SiHP16N50C, SiHF16N50C, SiHB16N50C, and SiHG16N50C also offer faster switching speeds and reduced switching losses than previous-generation MOSFETs.

To learn more, visit http://www.mouser.com/vishaysiliconixsihx16n50c.

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 customers the latest, most technologically advanced components for their newest design projects. Mouser Electronics' website is updated daily and searches nearly 7 million products to locate over 1.8 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 1.8 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.

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## 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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