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Semtech's Neo-Iso™ Platform Supports High Load Current HVAC and Industrial Applications

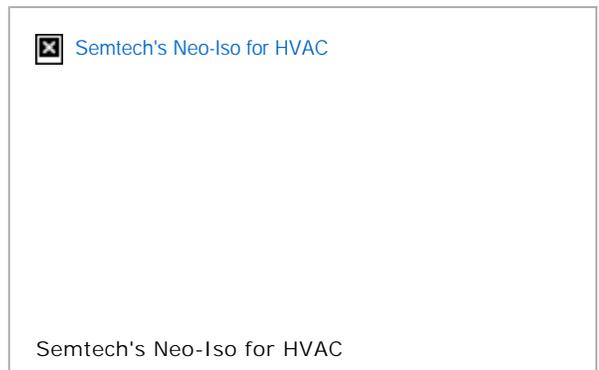
With proven capabilities in the residential industry, the new Neo-Iso IC offers flexibility and options for maximum current selection

CAMARILLO, Calif., Aug. 21, 2017 (GLOBE NEWSWIRE) -- [Semtech Corporation](#) (Nasdaq: SMTC), a leading supplier of high performance analog and mixed-signal semiconductors and advanced algorithms, announced the availability of its new capabilities to the Neo-Iso™ platform of solid state relays. The solid state relay expands the company's Neo-Iso platform by supporting commercial heating, ventilation and air conditioning applications (HVAC) that need flexibility and options for commercial and industrial high load-currents.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/d2bae7e9-b796-4cb7-b935-0bf2f697dcd9>

For commercial applications that are equipped with large three-phase contactors, such as commercial HVAC applications, the new Semtech Neo-Iso solid state relay is specifically designed to handle configurable inrush and steady state current limits. Compared to residential applications (i.e. smart thermostats, alarm panels, etc.), the three-phase contactors are heavier to close and can generate as much as 10A of inrush current, which the new Neo-Iso platform is specifically designed to handle.

"Semtech's Neo-Iso platform is now expanding beyond the home with high growth in industrial and commercial applications," said Francois Ricodeau, Product Line Manager for Semtech's Power and High-Reliability Products Group. "The new Neo-Iso platform offers advanced features for designers that need support for industrial high load-current applications for HVAC installations."



Key Features of the New Neo-Iso Solid State Relay

- | External FETs offer flexibility and options for maximum current selection
- | Configurable inrush and steady state current limits
- | Analog to digital converter with current, voltage and temperature measurements to widely expand diagnostic capabilities
- | Low quiescent operating currents
 - | 15µA in ON state
 - | 2mA during measurement requests
- | Switch to controller scalable galvanic isolation
- | Single control signal for input commands
- | Microcontroller-compatible levels
- | Bi-directional blocking in OFF state

Pricing and Availability

The Neo-Iso solid state relay (SKU: TS13401) is available immediately in production quantities and are priced at \$0.90 each in 1,000-piece lots. Semtech offers comprehensive design assistance, including field- and factory-based support. Datasheets, volume pricing and delivery quotes, as well as evaluation kits and samples, are available at http://www.semtech.com/apps/form_request/.

About Semtech's Neo-Iso™ Products

Semtech's Neo-Iso platform is a galvanic isolated intelligent power switch family that is optimized for residential and commercial applications including compact, low-voltage Internet of Things (IoT) (i.e. smart thermostats and smart home automation systems) and HVAC applications. Its superior system flexibility, monitoring and diagnostic capabilities make it an ideal solution for reliable smart home and commercial systems that come in various shapes and sizes.

Resources

- | View all power management products: www.semtech.com/power-management.
- | Contact [Semtech's customer service team](#) for technical support or general product inquiries.
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About Semtech

Semtech Corporation is a leading supplier of high performance analog and mixed-signal semiconductors and advanced algorithms for high-end consumer, enterprise computing, communications, and industrial equipment. Products are designed to benefit the engineering community as well as the global community. The Company is dedicated to reducing the impact it, and its products, have on the environment. Internal green programs seek to reduce waste through material and manufacturing control, use of green technology and designing for resource reduction. Publicly traded since 1967, Semtech is listed on the Nasdaq Global Select Market under the symbol SMTC. For more information, visit www.semtech.com.

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The photo is also available at Newscom, www.newscom.com, and via AP PhotoExpress.

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