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Semtech Unveils New Transient Voltage Suppressor (TVS) Optimized for High Speed Data Lines

Newest member of the RClamp® platform used in a variety of end applications including smartphones, tablets, Internet of Things (IoT) end nodes and automotive infotainment systems

CAMARILLO, Calif., July 25, 2017 (GLOBE NEWSWIRE) -- [Semtech Corporation](http://www.semtech.com) (Nasdaq:SMTC), a leading supplier of high-performance analog and mixed-signal semiconductors and advanced algorithms, announced the availability of a new member of its RClamp® platform, a low capacitance 3.3V (V_{rwm}) transient voltage protection array optimized to safeguard high-speed data signals from electrostatic discharge (ESD) threats.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/45feae01-0e93-49ea-8602-61c96a2d55c8>

Products belonging to Semtech's RClamp platform feature ultra-low capacitance with industry leading surge handling and ESD protection characteristics. This new device, the RClamp3321P, offers best-in-class ESD clamping voltage performance while minimizing capacitance loading (0.35pF) on the data lines it protects.

"With the rapid adoption of high speed interfaces across multiple end applications in the IoT industry, ESD protection is more necessary than ever for such data links," said Rick Hansen, Senior Director of Product Marketing in Semtech's Protection Products Group. "Enabling an elevated level of transient protection for high-speed data lines through its ultra-low capacitance, this new device protects even the most sensitive data interfaces from ESD transient events."

 Semtech and RClamp3321P

Announced the availability of a new member of its RClamp® platform

New RClamp Key Features

- | Transient protection for high-speed data lines to: IEC 61000-4-2 (ESD) ±17kV (air), ±12kV (contact); IEC 61000-4-4 (EFT) 4kV (5/50ns); IEC 61000-4-5 (Lightning) 10A (8/20µs)
- | 3.3V working voltage protection
- | Protects one I/O line
- | Ultra-low capacitance (0.35pF line-to-line)
- | Ultra-small flow-through package: 1.0mm x 0.6mm
- | Pb-Free and RoHS/WEEE compliant

Pricing and Availability

The RClamp (order code: RClamp3321P.TNT) is available immediately in production quantities and is priced at \$0.16 each in 10,000-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 by contacting http://www.semtech.com/apps/form_request/.

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.

Forward-Looking and Cautionary Statements

All statements contained herein that are not statements of historical fact, including statements that use the words "targeted at," "emerging," "to extend," "designed to," or other similar words or expressions, that describe Semtech Corporation's or its

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

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