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Semtech Launches New ClearEdge™ CDR for 100G QSFP28 Modules at OFC 2017

Ultra-low power, high-performance ClearEdge CDR expands portfolio of optical networking products for next-generation data centers and enterprise network infrastructure

LOS ANGELES - Optical Fiber Conference and Exhibition (OFC), March 20, 2017 (GLOBE NEWSWIRE) -- [Semtech Corporation](#) (Nasdaq:SMTC), a leading supplier of analog and mixed-signal semiconductors, today announced the expansion of its ClearEdge™ CDR portfolio with a new ultra-low power, high-performance quad CDR for use in 100G QSFP28 modules. Semtech will privately demonstrate the new product in its [OFC](#) booth (#2575) at the Los Angeles Convention Center March 21-23.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/ec7f8aaa-7b0c-47cc-aea0-81d607beb5b0>.

The new ClearEdge CDR ([GN2104S](#)) enables low power (< 3.5W) QSFP28 modules operating at 24G to 28G. These modules are used in 100G datacenter, enterprise and wireless applications.

"Semtech's low power, compact CDRs based on our proprietary ClearEdge Technology, deliver to our customers the differentiated features needed to support expansive 100G data center applications," said Gary Beauchamp, Executive Vice President and General Manager of Semtech's Signal Integrity Products Group. "Our market-leading CDRs feature excellent receiver sensitivity and best-in-class output jitter and jitter tolerance."

Key Features of the GN2104S

Semtech's new ClearEdge CDR consumes only 340mW total power, is offered in a very compact 3.5mm x 5.5mm CSP package, and achieves less than 5ps of total output jitter performance.

Resources

- | [GN2104S product page](#)
- | Learn about Semtech's optical networking products: www.semtech.com/optical.
- | Contact [Semtech's customer service team](#) for technical support or general product inquiries.
- | Sign up for Semtech's e-newsletter [Inside Circuit](#) for quarterly product updates.
- | Follow Semtech on [Twitter](#), [Facebook](#), [LinkedIn](#), and [Google+](#).

About Semtech's Optical Products

Semtech's optical networking products provide high-performance signal integrity for optical module solutions used by leading companies in the data center/enterprise networking, wireless infrastructure, and passive optical network/Fiber to the X markets. For more information, visit www.semtech.com/optical.

About OFC

The Optical Fiber Conference and Exposition (OFC) is the largest global conference and exhibition for optical communications and networking professionals. For more than 40 years, OFC has drawn attendees from all corners of the globe to meet and greet, teach and learn, make connections and move business forward.

OFC includes dynamic business programming, an exhibition of more than 600 companies, and high impact peer-reviewed research that, combined, showcase the trends and pulse of the entire optical networking and communications industry. OFC is managed by The Optical Society (OSA) and co-sponsored by OSA, the IEEE Communications Society (IEEE/ComSoc), and the IEEE Photonics Society. OFC 2017 will be held from 19-23 March 2017 at the Los Angeles Convention Center, California, USA. Follow [@OFCConference](#), learn more OFC Conference LinkedIn and watch highlights OFC YouTube.

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About Semtech

Semtech Corporation is a leading supplier of analog and mixed-signal semiconductors 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 "will," "enables," "designed to," or other similar words or expressions, that describe Semtech Corporation's or its management's future plans, objectives or goals are "forward-looking statements" and are made pursuant to the Safe-Harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that could cause the actual results of Semtech Corporation to be materially different from the historical results and/or from any future results or outcomes expressed or implied by such forward-looking statements. Such factors are further addressed in Semtech Corporation's annual and quarterly reports, and in other documents or reports, filed with the Securities and Exchange Commission (www.sec.gov) including, without limitation, information under the captions "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Risk Factors." Semtech Corporation assumes no obligation to update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this release, except as required by law.

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

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