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Semtech Expands Its ClearEdge™ CDR Portfolio for Low-Cost 25G SFP28 SR Modules and Active Optical Cables

Integrated CDRs for 25G SFP28 SR modules and AOCs demonstrated at OFC 2017

LOS ANGELES, March 21, 2017 (GLOBE NEWSWIRE) -- Optical Fiber Conference and Exhibition (OFC) -- [Semtech Corporation](#) (Nasdaq:SMTC), a leading supplier of analog and mixed-signal semiconductors, today announced initial production release of new, integrated ClearEdge™ CDR solutions that enables low-cost SFP28 SR modules and Active Optical Cables (AOCs) for data center, enterprise and wireless applications. Semtech will privately demonstrate the new solutions 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/99015d9b-118e-4aec-81d6-71a66e4fe87a>

"As demand for higher data rates increases, mid-scale data center and enterprise networking companies are transitioning to 25G AOCs and SR modules for server connections," said Imran Sherazi, Vice President of Marketing and Applications for Semtech's Signal Integrity Products Group. "Our expansive portfolio of ClearEdge CDRs helps facilitate this growing demand and gives our customers the ability to manufacture modules and AOCs with differentiated feature sets."

Product Information:

- | [GN2147](#) is a solution for SFP28 SR modules and AOCs that includes dual ClearEdge CDRs, integrated transimpedance amplifier (TIA) and VCSEL driver. Offered in a compact 1.7mm x 3.0 mm bare die format, the transceiver consumes less than 400mW total power to enable highly differentiated module solutions.
- | [GN2148](#) incorporates a ClearEdge CDR with an integrated VCSEL driver, and [GN2149](#) incorporates a ClearEdge CDR with an integrated TIA. Each chip is offered in a compact 1.2mm x 2.9mm bare die format and both Tx and Rx die consume less than 200mW power each. GN2148 uses proprietary VCSEL compensation technology to enable low-bandwidth VCSELs and extended reach beyond 150m OM3 fiber, and supports data rates from 24.0Gb to 28.1Gb to enable a wide range of applications.

Resources

- | [GN2147 product page](#)
- | [GN2148 product page](#)
- | [GN2149 product pages](#)
- | 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.



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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.

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," "transitioning to," "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 via Newscom, www.newscom.com, and via AP PhotoExpress.

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