



March 20, 2017

Semtech Demonstrates New 53GBaud PAM4 Linear Driver and Transimpedance Amplifier at OFC 2017

High-performance IC platform supports next-generation 100G optical networking modules

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 a new 53GBaud PAM4 linear driver and transimpedance amplifier for 100G and 400G optical networking modules at [OFC 2017](#). Semtech will privately demonstrate the new chipset 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/8f730208-1cdc-4a86-ade8-41aed7b8742a>.

The new 53GBaud PAM4 linear driver and transimpedance amplifier chipset supports the rapid adoption of 100G optical networking modules by hyperscale and cloud data center customers that are upgrading capacity and throughput. These high-bandwidth linear products reduce required optical components compared to NRZ or 26GBaud PAM4-based solutions, enabling lower cost modules and a streamlined roadmap to 400G (4x100G) optical networking applications.

"53GBaud PAM4 technology provides the optimal path to both 100G and 400G by creating a cost-efficient, integrated solution for customers," said Imran Sherazi of Marketing and Applications for Semtech's Signal Integrity Products Group. "The integrated solution provides a seamless interface to PAM4 optics and is tailored to next-generation 100G modules expected to pave the way to 400G."

The [GN1189](#) is a high-bandwidth 53GBaud linear modulator driver, and the [GN1089](#) is a high-performance, low-noise linear 53GBaud transimpedance amplifier. The OFC demonstration also includes a Receiver Optical Sub-Assembly (ROSA).

Resources

- | [GN1189 product page](#)
- | [GN1089 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),

 [Semtech Demonstrates New 53GBaud PAM4 Linear Driver and Transimpedance Amplifier at OFC 2017](#)

Semtech Demonstrates New 53GBaud PAM4 Linear Driver and Transimpedance Amplifier at OFC 2017

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," "designed to," "expected 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.

Semtech and the Semtech logo are registered trademarks or service marks, of Semtech Corporation and/or its affiliates. SMTC-P

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

Contact:

Ronda Grech

Semtech Corporation

(805) 480-2193

rgrech@semtech.com

 [Primary Logo](#)

Source: Semtech Corporation

News Provided by Acquire Media