



September 6, 2017

Semtech ClearEdge™ CDR Platform Enters Initial Production for Data Center Applications

ClearEdge GN2105 is a quad CDR with integrated DML laser driver for chip-on-board and passive TOSA applications

CAMARILLO, Calif., Sept. 06, 2017 (GLOBE NEWSWIRE) -- Semtech Corporation (Nasdaq:SMTC), a leading supplier of high performance analog and mixed-signal semiconductors and advanced algorithms, today announced initial production of its quad ClearEdge™ CDR with an integrated DML laser driver that enables low-cost, PSM4 and CWDM4 modules for data center applications. Semtech's ClearEdge CDR platform has achieved widespread adoption for 100G applications and is now enabling next-generation 100G solutions focused on lower cost.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/5b91ac9e-90c1-4b9f-b2a4-79ce2b4dfce5>

"With the GN2105, Semtech continues to lead the market with differentiated and innovative solutions with our ClearEdge CDR platform. Semtech's complete and differentiated IC bundle solution allows our customers to maximize cost savings, while exceeding performance specifications," said Imran Sherazi, Vice President of Marketing and Applications for Semtech's Signal Integrity Products Group. "Our customers understand our passion for excellence in semiconductor products and in particular, our strong commitment to being their long-term IC provider in the optics industry."



Semtech ClearEdge for Data Applications

ClearEdge entering initial production.

ClearEdge GN2105 CDR Product Information:

- 1 ClearEdge GN2105 is a quad CDR with integrated DML laser driver
- 1 Used in applications such as 100G QSFP28 PSM4 and CWDM4 modules
- 1 Offered in a compact 5.0mm x 5.5 mm FC-CSP package.
- 1 Enables highly differentiated and best-in-class < 3.5W module solutions when the transceiver is paired with Semtech's ClearEdge GN2110 Quad CDR with an Integrated TIA
- 1 Allows module designs based on both chip-on-board optics and passive TOSAs for maximum customer flexibility

Resources

- 1 View the ClearEdge [GN2105](#) CDR product page
- 1 Learn about Semtech's optical networking platforms: www.semtech.com/optical.
- 1 Contact [Semtech's support team](#) for technical support or general product inquiries.
- 1 Follow Semtech on [Twitter](#), [LinkedIn](#), [Facebook](#), and [Google+](#).

About Semtech's Optical Products

Semtech's optical networking product platforms 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 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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All statements contained herein that are not statements of historical fact, including statements that use the words "designed

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

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Source: Semtech Corporation

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