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## **Cosemi Active Optical Cables Deliver High-Speed Communications for Home, Enterprise and Cloud Applications**

### **DisplayPort, QSFP and USB 3.1 AOCs on Display at OFC 2018**

**SAN DIEGO, Booth #3647, March 6, 2018** – Next week at the [Optical Fiber Communication Conference and Exhibition \(OFC\)](#), [Cosemi Technologies Inc.](#), a global leader in innovative, high-speed connectivity solutions, will be on hand to showcase several of their active optical cable (AOC) solutions. Cosemi's AOCs are designed to satisfy the need for plug-and-play bandwidth at the fastest interconnect speeds, over longer reach and with thinner cables than copper.

Cosemi is on a mission to bring the unparalleled benefits of fiber optics to every interconnect application and is demonstrating the utility of its AOCs at OFC. Next week at OFC, attendees can view Cosemi's AOC demonstrations at its booth #3647 on the exhibition floor of the San Diego Convention Center. Among the fiber optic solutions the company will highlight at OFC are:

- 8K [DisplayPort](#)™ 1.4 AOC – Demonstrating its industry-first OptoDP 1.4 8K AOC. The demo highlights the latest in video connectivity with an NVIDIA P2000 graphics card transferring uncompressed 8K (7680x4320) video to a Dell U3218K Ultrasharp 8K monitor.

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- 100Gb/s QSFP28 AOC – Showcasing its 100GbE compatible multi-rate AOC with compliance host boards using Anritsu MP2110A 4-ch BERT and sampling oscilloscope to display instant BER measurement and re-timed data eye patterns.
- USB 3.1 AOCs – Demonstrating conferencing and huddle room trends in enterprises by connecting a Logitech Brio 4K camera to a conference room AV compute box, connected via OptoUSB 3.1 Type-A AOC.

Cosemi's AOCs enable unprecedented performance and distance in a way that is far superior to copper. They are simply plug and play, easy to care for and very safe.

Addressing the growing demand for applications that feature 4K/8K video communications (vcom), including gaming, AR/VR, enterprise conferencing solutions, broadcast, automation and high-end residential markets, Cosemi's [OptoDP cable](#) enables uncompressed 8K content to be viewed at full signal integrity (up to 100 meters of 8K60 444 resolution). The future-proof nature of the DisplayPort digital display interface makes it the right 4K/8K interconnect of choice today – as well as tomorrow.

As the backbone of cloud computing, data centers are placing ever-increasing pressures on data delivery. This fast-paced, highly interconnected market has standardized on 100G interconnects and QSFP28 pluggable form factors to build server-switch networks. These networks require optical connections to service links and, while longer reach is preferred over single-mode pluggable optical transceivers, AOCs represent a more effective, economical interconnect solution for distances of less than 100 meters. Cosemi's [OptoQSFP](#) AOCs address the growing need for server-switch intra data center links supporting 100 Gb/s (4x25G) at distances up to 100 meters.

Supporting the latest USB 3.1 Gen 2 standards, Cosemi's [OptoUSB](#) AOCs are ideal for AR/VR, cameras for conference rooms and machine vision, storage and other computer peripherals. Cosemi will soon be announcing a partnership with Logitech as a Collaboration Partner. As a [Logitech Collaboration Partner](#) the two companies will deliver high-quality video collaboration experiences to Logitech customers.

“With its focus on the trends and pulse of the entire optical networking and communications industry, OFC is an ideal venue for us to demonstrate some of the ways we are helping to support today’s unprecedented data growth through powerful fiber optic cable solutions,” noted Dr. Nguyen X. Nguyen, CEO for Cosemi. “Our patented assembly methods allow us to provide the performance and speed of fiber optics in cost-effective cable assemblies that plug and play as simply as any copper-based cable.”

To learn more about Cosemi, please visit [www.cosemi.com](http://www.cosemi.com).

*DisplayPort is a trademark of VESA*

### **About Cosemi Technologies**

A global leader in innovative high-speed connectivity solutions, Cosemi Technologies Inc. is focused on enabling optical connectivity everywhere. Cosemi designs and manufactures active optical cables for infrastructures supporting today’s unprecedented data growth. The company offers a comprehensive portfolio of quality solutions that service the data center, home entertainment and consumer electronics markets. To learn more about Cosemi, please visit [www.cosemi.com](http://www.cosemi.com) or follow the company on [LinkedIn](#) and [Twitter](#).

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