March 20, 2017

Oclaro Samples 400G CFP8 PAM4-Enabled Transceiver; Showcases Live Demo at OFC 2017

- 4x Increase in bandwidth and low cost per Gbps enables data centers, network operators and service providers to rapidly move to higher-performing 400G networks
- Demonstrates Oclaro's ability to deliver the critical photonic engines that will drive the emergence of next-generation 400G networks based on PAM4 technology

SAN JOSE, Calif., March 20, 2017 /PRNewswire/ -- Oclaro, Inc. (NASDAQ: OCLR), a leading provider and innovator of optical communications solutions, today announced sampling of its 400G CFP8 transceiver for core routers/transport applications. Delivering 4x more bandwidth than existing 100G CFPx solutions in a small and compact footprint, the CFP8 leverages Oclaro's superior EML laser and receiver technology to deliver higher data rates between high-end routers and optical transport systems. Oclaro will be showcasing a live demo of the CFP8 operating with 8 lasers at 50G PAM4 at this week's OFC in the Oclaro booth #2747.

"By leveraging our PAM4-compatible laser technology with our wide-receiver bandwidth capability, we've been able to quadruple bandwidth in the CFP8, while still maintaining the same size as a 100G CFP2 solution," said Yves LeMaitre, President of Oclaro's Optical Connectivity Business Unit. "This is a significant achievement that will trigger the widespread deployment of high-bandwidth 400G optical interfaces based on PAM4 that can address the bandwidth constraints faced by data centers globally today."

About the CFP8 Transceiver
Featuring a small 40mm x 102mm x 9.5mm form factor, Oclaro's 400G CFP8 transceiver provides customers with a dense-port and high-throughput solution. The CFP8 leverages Oclaro's proven technology from its earlier CFP, CFP2 and CFP4 designs to provide high quality and high performance. This includes its best-in-class cooled 1310nm 28Gbps EA-DFB laser technology, integrated TOSA and ROSA, and 28Gbps 4 channel integrated PIN-PD array. Additional features of the Oclaro CFP8 transceiver include the following:

- Compliant with 400GBASE-LR8 optical and 400GAUI-16 electrical interface specifications that are under final standardization by the IEEE 802.3bs task force.
- Superior EML laser technology allowing good margin over IEEE 400GbE optical specifications.
- Higher receiver bandwidth capability to interface with different lasers.
- Supports the newly released CFP8 Hardware Specification by the CFP MSA Group for reach up to 2km and 10km.
- Provides better overall system performance, assurance of data transmission and interoperability.
- Vertically integrated EML and PIN technologies that ensure a high-quality, highly reliable product from a trusted supplier.

The Oclaro CFP8 is sampling today with volume production expected in the second half of 2017.

About Oclaro
Oclaro, Inc. (NASDAQ: OCLR), is a leader in optical components and modules for the long-haul, metro and data center markets. Leveraging more than three decades of laser technology innovation and photonics integration, Oclaro provides differentiated solutions for optical networks and high-speed interconnects driving the next wave of streaming video, cloud computing, application virtualization and other bandwidth-intensive and high-speed applications. For more information, visit www.oclaro.com or follow on Twitter at @OclaroInc.

Media Contact Info:
Kelly Karr
Tanis Communications, Inc.
408-718-9350
kelly.karr@taniscomm.com

To view the original version on PR Newswire, visit:http://www.prnewswire.com/news-releases/oclaro-samples-400g-cfp8-pam4-enabled-transceiver-showcases-live-demo-at-ofc-2017-300425943.html

SOURCE Oclaro, Inc.

News Provided by Acquire Media