



Centera and Credo Partner on Single-Lambda 100G PAM4 Optical Transceivers

September 23, 2019

Live 100G QSFP28 DR1 Demonstrations at ECOC 2019

Dublin, Ireland, Sept 23, 2019 – ECOC – [Centera Photonics](#) Inc., a silicon photonics optical solution provider for high performance interconnects and [Credo](#), a global innovation leader in Serializer-Deserializer (SerDes) technology which delivers high performance, low power connectivity solutions for 100G, 400G, and 800G port enabled networks, today announced that they are partnering on a low power, cost and performance optimized 100G-DR/FR QSFP28 [optical module](#). Centera and Credo are showcasing the 100G-DR modules at the European Conference on Optical Communication ([ECOC](#)) in Royal Dublin Showground, Dublin, Ireland from September 23 –25, 2019.

“Credo’s purpose built mixed signal optical DSP solutions provide the precise balance between performance, power, and price to enable mass deployments of 100Gbps Single-Lambda optical modules,” said Jeff Twombly, Vice President of Marketing and Business Development at Credo. **“Combined with Centera’s optical engine technology and transceiver-level expertise, we are able to deliver world class solutions to our mutual customers that achieve the best overall system performance, signal integrity, and power efficiency.”**

“Centera’s proprietary silicon optical engine sets a new frontier for next-generation of single-wave 100G optical interconnects in datacenter applications,” said Dr. Brian Lan, Centera’s R&D Director. **“Credo’s power optimized optical DSP allowed us to quickly develop and deliver best in class 100G production modules for our data center customers.”**

The Centera/Credo-enabled 100G-DR/FR modules will be demonstrated at Centera’s exhibit during ECOC 2019 at Stand #324.

About Centera Photonics

Centera Photonics is an optoelectronic design house specialized in silicon photonic device designs, development and integrations. Centera dedicates on developing integrated solutions for Optical Interconnect via semiconductor MEMS technologies. Centera designs, manufactures optical interconnect modules for high performance communication. Applications include data-communication, HPC (high performance computing), storage, consumer electronics and specialty market. The company was established in 2010; main office is located in Hsinchu Science Park, Taiwan, R.O.C. For more company information, please visit www.centera-photonics.com.

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About CREDO

CREDO is a leading provider of high performance, mixed-signal semiconductor solutions for the data center, enterprise networking and high performance computing markets. CREDO’s advanced Serializer-Deserializer (SerDes) technology delivers the bandwidth scalability and end-to-end signal integrity for next generation platforms requiring single-lane 25G, 50G, and 100G connectivity for 100G, 200G, 400G, and 800G port enabled networks. For more information, please visit: www.credosemi.com.

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