



## Broadcom Delivers Industry's Broadest Portfolio of Optical Components for MMF and SMF Optical Transceivers

March 22, 2016

SAN JOSE, Calif., March 22, 2016 (GLOBE NEWSWIRE) -- Broadcom Limited (NASDAQ:AVGO), a leading designer, developer and global supplier of a broad range of analog and digital semiconductor connectivity solutions, today announced it will showcase its latest portfolio of optical component solutions for multimode fiber (MMF) and single-mode fiber (SMF) optical transceivers targeting a wide range of optical networking applications that include data center and enterprise networking, high performance computing (HPC), Fibre Channel, metro Ethernet transport, and Ethernet Mobile Fronthaul. The new product showcase will be in the Broadcom Booth 1264 at the Optical Fiber Communication (OFC) 2016 exhibition in Anaheim, California from March 22<sup>nd</sup> to 24<sup>th</sup>. Key optical component offerings include:

### One-Stop-Shop Solutions for 25G-300G Short Reach Applications

Broadcom offers various chip kit solutions of VCSELs, photodiodes (PDs) and physical medium dependent integrated circuits (PMD ICs) consisting of transimpedance amplifier (TIA), clock and data recovery (CDR) and laser driver (LD) for data center, storage networking and HPC applications. Supporting multiple data rate configurations including 1x25-32G, 4x25/28G and 12x25-28G, the chip kit solutions enable a variety of short reach MMF transceiver solutions including active optical cables (AOCs) and embedded optics with leading edge optical, RF and thermal performance.

### Extensive TOSA/ROSA Selection for 25G-100G Long Reach Applications

Broadcom provides a wide range of transmit optical subassembly (TOSA) and receive optical subassembly (ROSA) devices supporting various transceiver module form factors, data rates and long transmission links using SMF.

- 25G LR TOSA/ROSA designed for the SFP28 module form factor supporting 28G Ethernet, 32G Fibre Channel and the emerging 25G Ethernet Mobile Fronthaul applications with link distances up to 10 km
- 4x25G CWDM4 TOSA/ROSA designed for the QSFP28 module form factor supporting intra-data-center connectivity with 100GbE links up to 2 km
- 4x25G LR4 TOSA/ROSA designed for the CFP2 and CFP4 module form factors supporting metro Ethernet transport with 100GbE links up to 10 km

"Broadcom has a long-standing history of providing innovative fiber optic solutions for wired infrastructure and networking. We have designed, fabricated and supplied high quality optical components for both short reach and long reach fiber optic communications, leveraging in-house GaAs and InP based device technologies with over 3 trillion device service hours each in the field (< 1 FIT) since 2005. The full showcase of our latest optical component solutions at OFC 2016 further demonstrates Broadcom's commitment to addressing the growing transceiver demands in optical networking," said Mitchell Fields, vice president and general manager of the Fiber Optics Products Division at Broadcom.

### About Broadcom Limited

Broadcom Limited is a leading designer, developer and global supplier of a broad range of analog and digital semiconductor connectivity solutions. Broadcom Limited's extensive product portfolio serves four primary end markets: wired infrastructure, wireless communications, enterprise storage and industrial & other. Applications for our products in these end markets include: data center networking, home connectivity, broadband access, telecommunications equipment, smartphones and base stations, data center servers and storage, factory automation, power generation and alternative energy systems, and displays. For more information, go to [www.broadcom.com](http://www.broadcom.com).

Broadcom, the pulse logo, Connecting everything, and Avago Technologies are among the trademarks of Broadcom. The term "Broadcom" refers to Broadcom Limited and/or its subsidiaries.

Press Contact:

Khanh Lam

Corporate Communications

[press\\_relations@broadcom.com](mailto:press_relations@broadcom.com)

Telephone: +1 408 433 8649

 [Primary Logo](#)

Broadcom Limited