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Press Release

BroadLight Unveils a New High-Performance Line of GPON, EPON and BPON Transceivers

BroadLight's New Transceiver Line Delivers High Price/Performance and Proven Interoperability in a Quality Design

March 6, 2005 – Mountain View, Calif. – BroadLight, Inc., a leading supplier of semiconductors, software and transceivers for FTTP deployments, today announced a new line of Small Form Factor (SFF) Multi-Source Agreement (MSA) transceivers for GPON, EPON (GE-PON) and BPON as well as a GE-PON in both two and three wavelengths.. Targeting both central office Optical Line Terminal (OLT) and customer premises Optical Network Terminal (ONT) solutions, this new line of transceivers delivers unprecedented performance with telecom grade quality. The company is previewing this new line at the Optical Fiber Communication Conference and Exhibition (OFC) tradeshow in Anaheim, California, on March 6-9 in booth # 1559.

“By delivering transceivers for every PON flavor, BroadLight is extending its North American leadership position into the fast growing Asian market and enabling cost-effective broadcast video over GE-PON,” said Andy Vought, CEO of BroadLight. “This announcement also strengthens our position as the industry’s only vendor that can provide a complete end-to-end solution consisting of BPON MAC ASIC, transceiver and software for the CO and CPE.”

“The PON market is growing at an increasingly aggressive rate worldwide,” said Michael Howard, Principal Analyst and Co-Founder of Infonetics Research. “With its new transceiver line and PON experience, BroadLight has positioned itself nicely to be in the current principally Asian GE-PON and principally North American BPON markets, and also has the opportunity to be among the leaders of the emerging GPON market, which we believe represents significant growth in the future.”

About the New Transceiver Line

BroadLight’s high-performance optical transceivers are optimized for single fiber, point to multi-point, FTTP applications. This new SFF transceiver line consists of four GPON (1244/622 ONT & OLT, 1244/1244 ONT & OLT) transceivers, two GE-PON (1.25/1.25 ONT & OLT) transceivers and 1 BPON (622/155 ONT) transceiver. A GE-PON three wavelengths (1.25/1.25 ONT with CATV output) transceiver is also being offered in the

same package as BroadLight's current ITU BPON three wavelengths transceivers. This wide variety of PON transceivers will enable customers to design for any type of PON.

"We believe our new transceiver line provides customers with everything they need for high volume manufacturing with the security of options for multiple sources," said Didi Ivancovsky, Founder, VP products for BroadLight. "In addition, our new 3 wavelength ONT transceiver for GE-PON is expected to secure a large share of the competitive Asian market."

GPON Transceivers – BroadLight's ITU-T G.984, SFF and MSA compliant transceiver line leads the industry in performance over operating temperature. Together the ONT and OLT devices provide a minimum of a 29 dB component optical link budget.

BPON Transceivers – The ITU-T G.983, SFF and MSA compliant ONT transceiver offers an impressive -30dBm receive sensitivity with a transmit launch power of 0dBm over a temperature range of -40°C to +85 °C.

GE-PON Transceivers - BroadLight's GE-PON transceivers distinguish themselves amongst other SFF, MSA and IEEE 802.3ah compliant devices with its guaranteed optical performance. The OLT transceiver has a receive sensitivity of -30dBm and a +2dBm minimum launch power. The ONT transceiver offers a -27dBm receive sensitivity and a 0dBm launch power. The 3 wavelength, GE-PON ONT triplex transceiver operates over ITU-T compliant wavelengths and provides the same performance as the SFF device for data while delivering exceptional CATV quality from a receive sensitivity of +2 to -6dBm on the 1550 nm broadcast video wavelength.

Availability and Manufacturing

The new transceiver line is currently sampling with customers and will be quality manufactured in compliance to Telcordia, TL and ISO standards. For more information, interested parties should contact BroadLight at sales@broadlight.com.

About BroadLight, Inc.

BroadLight delivers the industry's only end-to-end solution (from the customer premises to the central office) for equipment vendors designing passive optical networks (PONs.) The company's completely integrated product line consists of standards-based digital and analog optical transceivers, communication semiconductors and software solutions that enable its customers to deliver ITU-T PON equipment to carriers and services providers worldwide. This end-to-end solution provides customers with a lower risk development cycle and enables them to significantly speed time-to-market. As a result, BroadLight technology has been adopted by leading manufacturers who are currently providing equipment for the some of the world's largest fiber PON roll-outs.

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