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## **For Immediate Release**

### **BroadLight Secures Patent for Adaptive Laser Diode Driver for PON Applications**

*BroadLight Continues to Secure Intellectual Property Rights for its Technology*

**June 4, 2008 – Santa Clara, Calif.** – BroadLight, the leading supplier of GPON semiconductors and software, today announced that it has received a U.S. patent, number 7,356,058, which enables the implementation of burst mode laser driver for PON applications in a standard CMOS silicon process. BroadLight has already secured Intellectual Property Rights throughout the GPON system and the addition of this patent further strengthens its competitive position.

“BroadLight’s optical transceiver expertise in PON enabled us to design the burst mode laser driver in a standard CMOS process and to demonstrate its performance,” said Igor Elkanovich, VP of VLSI for BroadLight. “This allows us to plan a breakthrough and unique level of integration between the PON SoC and its optical front end.”

This patent outlines an adaptive laser diode driver capable of driving various laser types as well as accommodates the variations in lasers for ensuring optimal optical performance and calibration during manufacturing and operation over lifetime and temperature variations. The driver adaptively conditions output modulation and bias signals for optimal laser operation. This adaptive laser diode driver can be integrated in optical line terminal (OLT) or optical network unit (ONU) devices.

#### **About BroadLight**

BroadLight delivers the industry’s only end-to-end (E2E) solution (from the customer premises to the central office) for equipment vendors designing ITU-T compliant passive optical network (PON) systems. The company’s completely integrated product line consists of standards-based communication semiconductors and software solutions that enable its customers to deliver BPON and GPON equipment to carriers and services providers worldwide. This E2E 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 some of the world’s largest fiber PON roll-outs.

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