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## **For Immediate Release**

### **BroadLight Adds to its Intellectual Property Rights for GPON**

*New Patent Secures BroadLight's Competitive Edge*

**November 14, 2007 – Mountain View, Calif.** – BroadLight, the leading supplier of GPON semiconductors and software, today announced that it has expanded its Intellectual Property (IP) portfolio by securing a new U.S. patent, number 7,288,983, which enables its products to exceed GPON performance requirements over the industrial temperature range. With the addition of this recent patent, BroadLight now holds IP throughout the GPON system, giving it a significant competitive advantage and technology leadership position.

“BroadLight is a pioneer in GPON technology and, as a result, has led the industry in being first to market with high performance and highly integrated ASICs,” said Igor Elkanovich, VP of VLSI for BroadLight. “Our customers ultimately benefit from our technology and this and other BroadLight IP makes the competitive difference in our products.”

The patent is for a novel approach providing accurate temperature compensation of 2.5 Gbps mixed-signal circuitry and allows robust GPON signal transmission over the entire industrial temperature range (-40°C to +85°C). This enables BroadLight chips a high level of integration and exceeding standard jitter requirements over the temperature range without using external components. High jitter tolerance and low jitter generation of BroadLight chips allow robust GPON signal transmission using low cost optical transceivers.

#### **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 the some of the world's largest fiber PON roll-outs.

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