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For Immediate Release

BroadLight Strengthens its GPON ONT Presence by Targeting Cost Reduction

The BL2347 ONT SoC Lowers ONT Costs through Integration of VoIP and Ethernet Switching

June 18, 2007 – Mountain View, Calif. – BroadLight, the leading supplier of GPON semiconductors and software, today unveiled the BL2347 GPON Optical Network Termination (ONT) System-on-Chip (SoC) targeted at lowering the cost of residential ONTs. The BL2347 extends BroadLight's product coverage for all ONT types by integrating voice and Ethernet switching features.

“Our customers are constantly driving to lower cost and BroadLight is focused on helping our customers achieve their goals,” said Didi Ivancovsky, Founder and Vice President of Marketing. “Voice and home network interfacing are key, and the BL2347 eliminates at least two bill of material (B.O.M.) components common on many ONT types making for smaller, lower power and lower cost equipment.”

The BL2347 integrates a voice over internet protocol (VoIP) digital signal processor (DSP) and a 4-port Ethernet switch and provides a throughput performance of 1Gbps for any packet size on its gigabit Ethernet port. With its interoperability proven GPON MAC and *PONMaker* software, the BL2347 offers ONT equipment vendors a fast and reliable path to market with the assurance that it will interoperate with any ITU-T G.984 compliant Optical Line Terminal (OLT).

BroadLight's comprehensive BL2000 GPON SoC family includes the BL2338 for low-cost residential data-only applications, the flexible BL2340 for high performance multi-dwelling and multi-tenant ONTs and the recently announced BL2348 residential gateway (RG) device. BroadLight's GPON ONT solution includes a full suite of software products as well as novel, cost-focused reference designs. Building upon the BL2000 platform enables developers to offer multiple ONT types quickly and cost-effectively.

About the BL2347

- Embedded VoIP DSP for 4 concurrent ports, 3-way calling and T.38 fax
- Embedded 4-port fast Ethernet switch

- Gigabit Ethernet port with 1 Gbps bridging throughput all packet size
- Flexible data port configurations with combinations of Fast and Gigabit Ethernet
- ITU-T G.984 compliant and interoperability proven GPON MAC
- *PONMaker* software for GPON and device operation
- 19x19 PBGA-484 1.4W industrial temperature

The BL2347 will sample to customers at the end of 2007.

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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