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## **For Immediate Release**

### **Billion Chooses BroadLight's BL2348 System-on-Chip for GPON Residential Gateways**

*Billion Joins the Growing List of Equipment Companies Worldwide that are  
Designing in the BL2348 for High-Performance GPON CPE Devices*

**October 8, 2008 – Santa Clara, Calif.** – BroadLight, the leading supplier of GPON semiconductors and software, today announced that Billion Electric Co., Ltd. has selected its BL2348 Residential Gateway (RG) SoC for a new line of high-performance CPE devices. Billion's new GPON line of CPE products will deliver the carrier class performance in a low cost design that meets all the carrier requirements for deploying volume GPON services over the next year.

As a leader in the broadband market worldwide, Billion has made significant investment in its own proprietary software stacks. Because of the design excellence of the BL2348, Billion was able to easily port their own software onto the BL2348 architecture and have it run seamlessly and powerfully.

"Every service provider we speak to is interested in deploying a GPON residential gateway because it delivers the most bandwidth power in a cost effective design," said Raanan Gewirtzman, CEO of BroadLight. "We are pleased to be working with Billion to explore this promising business."

"Clearly the market is transitioning to the high-performance GPON standard for broadband services," said Tim Chen, Chairman and CEO at Billion. "We chose BroadLight's GPON technology because it is the best solution on the market and as such, can enable Billion to emerge as a market leader in this growing space."

#### **About the BL2348**

The BL2348 GPON RG SoC provides the performance, integration and functions required for the new breed of cost-effective residential gateways connecting the high-speed digital home to FTTH services. The BL2348 leverages its field proven PONRunner network processor to perform bridging and routing functions with throughputs of 1Gbps. Its embedded GPON MAC, integrated VoIP DSP, Ethernet switch and interfaces for WiFi and USB creates a cost-effective single chip solution in a 19x19 mm PBGA-441 package, working at industrial temperature range.

**About Billion**

Billion Electric Co., Ltd. (Taieix: 3027), was founded in 1973 and is based in Taiwan. With over thirty years of product development and manufacturing experience, Billion is one of the leading providers of network equipment and power supply products in the Asia Pacific region. Since its Communication Division was established in 1992, Billion has further strengthened its investment in R&D to supply the next generation of network equipment and Internet access devices for home users, telecommuters, and SME users. Billion has been accorded a number of honors for its networking products and has acquired a considerable customer base across Europe, America, the Middle East, Africa and Asia Pacific markets. For more information, please visit [www.billion.com](http://www.billion.com).

**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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**BroadLight Public Relations**

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