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## **For Immediate Release**

### **ZyXEL Selects BroadLight's E2E GPON Technology**

*BroadLight's Innovation Enables ZyXEL's Pizza Box Style OLTs and MDU ONTs*

**May 19, 2008 –Santa Clara, Calif.** – BroadLight, the leading supplier of GPON semiconductors and software, today announced that ZyXEL Corporation has selected its BL3458 GPON Quad OLT controller for a 16-port pizza box style OLT-1500 series and the BL2338 ONT SoC for its GPON + VDSL2 MDU pizza box style ONT, VES-1600PT/PE series. The new ZyXEL OLT takes advantage of the BL3458's ultra low-power and high density allowing GPON to be deployed in a variety of applications. This form factor and density of 16 ports in 1 rack unit significantly lowers first-in equipment cost incurred by service providers and increases the number of subscribers serviced per box to 2048.

“What makes the BL3458 so attractive is its unprecedented 1Watt per port power profile in a 35x35mm package. Its vast functionality and high-density along with *PONMaker* software provides feature rich, compact OLT products,” said Didi Ivancovsky, Founder and VP Marketing at BroadLight. “Our BL2338 has been turning up high performance GPON ONT equipment for nearly two years and is deployed in numerous service provider's networks delivering triple play services. ”

“Our new 16-port OLT design will deliver the cost savings and integration that service providers are looking for in a GPON OLT product,” said Dr. Ping-Chin Lee, Vice President of Telco/ISP COE business unit at ZyXEL. “As the #2 vendor in VDSL Port shipments worldwide (BBT, 2008), ZyXEL technology is widely respected by customers. Given that leading telecommunications providers are planning to deploy GPON in high-volume especially for MDU applications in Asia and Europe, this cost savings and low power consumption of ZyXEL's comprehensive product portfolio for MDU applications will be a major competitive advantage for ZyXEL.”

#### **About the BL3458**

The BL3458 is built upon the industry proven single port BL3238 GPON OLT MAC. The BL3458 also includes an embedded processor for easy device provisioning, controlling and Dynamic Bandwidth Allocation (DBA) over four GPON links. The BL3458 integrates the costly burst-mode CDR, provides unprecedented flexibility in TR-

101 compliant traffic mapping and features seamless connectivity to the leading Ethernet switches and Network Processors. *PONMaker* software simplifies OLT development and speeds time to market by enabling the BL3458 to operate autonomously implementing the field proven and ITU-T interoperable G.984 PON stack over all GPON links.

To aid in quick time-to-market, BroadLight offers the BL3458 development system. It is a 1 RU chassis based system which is comprised of two ATCA AMC GPON OLT 4-port modules with standard SFP GPON OLT transceivers. Up to 8 GPON links can be serviced through the development system's two 10 Gigabit Ethernet uplink interfaces.

### **About the BL2338**

The BL2338 GPON ONT SoC is part of the industry proven and interoperable BL2000 family of SoCs. It's flexibility and performance allows it to be used in a variety of ONT applications while dissipates less than 1W in a 27x27mm package. Along with *PONMaker* software, developers can deliver ITU-T G.984 compliant ONTs quickly with lower risk.

### **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.

### **About ZyXEL Corporation**

ZyXEL Communications, Inc., with North American headquarters in Anaheim, Calif., is one of the world's foremost suppliers of broadband networking and Internet connectivity/routing products for service providers, solution providers, small to medium businesses and consumers. With expertise in diverse technologies like network security, wireless, Ethernet, powerline networking, VoIP, xDSL, cable, and WiMAX, ZyXEL offers integrated secure network solutions to all our customers. ZyXEL's North American distributors include Ingram Micro, Jenne, Tech Data and Wynit. ZyXEL offers its channel partners industry leading incentives with a full line of enterprise-class networking products scaled to meet the requirements of the mid-market through the North America ZySTAR Channel Program. For more information on ZyXEL Communication and its broadband solutions, visit the company's Web site at <http://www.us.zyxel.com>.

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