

BroadLight™ Announces the First Commercial Availability of Cost-effective FTTH ITU-T G.983 Controller

Ramat Gan, Israel, March 18, 2003 – BroadLight, Inc., a leading supplier of communication semiconductors and optical transceivers, today announced the commercial availability of the XN23x™ family of Point-to-Multi-Point communication controllers, designed to offer the ideal price/performance for Fiber-to-the-Home (FTTH), Fiber-to-the-Curb (FTTC) and Fiber-to-the-Business (FTTB). With the release of the XN230, Broadlight completes its “Full Solution” concept enabling customers a fast and cost effecting implementation of APON technology. BroadLight full offering includes available burst mode transceivers, APON controllers and G.983.x software protocol stacks for both Central Office (CO) and Customer Premises Equipment (CPE)

BroadLight’s XN23x family of components is a series of transmission chips for various communication environments, supporting the integration of Voice, Video and Data with the following embedded functionalities: CDR, SERDES, Framing, Media Access, a TDMA controller, Cell transmission, Queue management, Network Survivability, Dynamic Bandwidth Allocation (DBA), Traffic Security, Privacy and out-of-band management.

“Now there is a commercially available APON chip that will be able to fuel the deployment of PON networks,” said Amnon Presler, CEO of Broadlight. “Along with the end-to-end solution approach, the attractive price point will be an asset for vendors and service providers alike.”

BroadLight's new product family includes the XN230 chip designed for backhaul applications including DSLAMs aggregation and the XN232 chip for Fiber-to-the-Home and SMEs. The components are supported by software packages capable of running on any hardware platform. The chips are manufactured using a 0.18-micron standard CMOS process and are packaged in 240 pin SQFP with low power dissipation.

XN23x Software Packages

BroadLight provides a full set of system application software components to accompany its XN23x chips. A comprehensive sets of APIs allow the customer application: easy and full control of the XN23x component, a variety of tests and diagnostics operations, performance monitoring, in-band vendor-specific control channel, seamless integration with software through consolidated platform configuration files, Command Line Interface (CLI) via user-defined serial port or TELNET and ANSI C compliant software.

- ◆ XN23xDriver – software driver for XN23x family
- ◆ XN23xAPON – G.983.1 protocol stack for APON ONU

EVBN230 Evaluation Board

The EVBN230 is an evaluation board that integrates the XN230, BBT-N burst mode transceiver and BroadLight software packages.

The XN232 - BroadLight’s dedicated component for low cost Fiber-to-the-Home is being

priced at less than \$20 per unit for high volumes (50K and up). The XN230 component for backhaul applications is priced around \$35 per unit for high volumes (10K and up). Additional product information can be found on BroadLight's Web site at www.broadlight.com/communication-comp.htm

About BroadLight, Inc.

BroadLight is a fabless company of digital, analog and optical communication semiconductors for the existing legacy networks as well as for the next generation networks. BroadLight line of products is comprised from multi-service \ multi-protocol semiconductors and optical Transceivers as well as software and algorithms to facilitate cost-effective communication systems with traffic aggregation for different network environments. With a "communication systems" approach and way of thinking, Broadlight delivers semiconductors, chipsets and devices, pre-designed to deliver end-to-end system and network solutions. BroadLight's technology enables System Vendors to construct high-functionality and competitive low-cost systems so that Operators (Service-Providers) will be able to rapidly and economically deploy true, transmission-traffic convergence over communication infrastructures, including optical, copper, wireless, cellular and other environments.

BroadLight Inc. will be exhibiting at the OFC 2003 on March 25-27. You may visit the company At Hall C, Booth #3715

Contact Information:

Didi Ivancovsky

Tel: +972-3-5768104

Email: <mailto:pr@broadlight.com>

<http://www.broadlight.com/>

BroadLight and XN23x are trademarks of BroadLight Inc.