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For Immediate Release

Enablence Expands the Use of BroadLight's Communications Controller Integrated Circuits to Power its TRIDENT7 Optical Line Terminals and Optical Network Terminals

As The Only Vendor that Can Power the Entire GPON System,
BroadLight Continues to Win GPON Designs

January 5th, 2009 – Santa Clara, Calif. – In response to growing customer demand for high-performance and low-cost GPON equipment, Enablence Technologies today announced that it will be expanding the use of BroadLight's end-to-end Gigabit Passive Optical Network Communications Controller Integrated Circuits (E2E GPON ICs) for its high-speed GPON residential gateways and optical networks terminals.

Enablence has been successfully shipping GPON products incorporating BroadLight's BL2338 and BL2340 Communications Controller ICs and now will start using the BL2345 and the BL 2348 Communications Controllers ICs for expanding the Enablence GPON product portfolio of Optical Network Terminals (ONTs) and Residential Gateways. The Enablence Optical Line Terminal (OLT) platform currently incorporates BroadLight's BL3458 Communications Controller ICs for Optical Line Terminals (OLTs).

"BroadLight is the clear market leader in the GPON space by delivering products that power the entire GPON system," Bill Saunders, Enablence's Vice President of Engineering. "We have had a long term relationship with BroadLight and as demand for our GPON equipment continues to expand the BroadLight's IC solution was the best way to get to the market quickly with a low-cost and powerful GPON product line with Enablence's own PLC based technology."

"Our GPON communications controller IC product shipments are now ramping as we are seeing GPON becoming more pervasive throughout the access market," said Didi Ivancovsky, Founder and VP of Marketing for BroadLight. "Our GPON communications controllers are enabling our customers to deliver complete GPON solutions at an attractive price point in all market segments."

About the BL3458 Communications Controller Integrated Circuits

The BL3458 is a 4-port GPON Optical Line Terminal (OLT) controller consuming an amazingly low 4 Watts in a 35x35mm package. The BL3458 includes; four ITU-T G.984 compliant MACs; an embedded processor for device provisioning and controlling; a Dynamic Bandwidth Allocation (DBA) engine; burst-mode CDR and SERDES; seamless connectivity to the leading Ethernet switches and Network Processors for WT-156 based service provisioning and proven interoperability and performance.

About the BL2345 and BL2348 Communications Controller Integrated Circuits

The powerful BL2345 and BL2348 System on Chip (SoC) communications controllers are designed to meet the high-performance requirements of GPON connected ONT and Residential Gateway devices. The BL2345 and BL2348's dual core network processor architecture provides the flexibility, high-performance and low-power features necessary for WT-156 enabled high-speed Customer Premise Equipment (CPE). The BL2345/48's embedded Ethernet MACs and home networking interfaces enables a variety of data port configurations and connectivity options.

About Enablence Technologies Inc.

Enablence Technologies Inc., (TSX-V: ENA) is a global leader in optical communications headquartered in Ottawa, Ontario, Canada, designs, manufactures and sells optical components, subsystems and systems to a global customer base.

Enablence's FTTx Networks Division is an industry leader in optical broadband access systems. With an expanding Fiber-to-the-Premises (FTTP) product portfolio featuring a variety of architectural options, it enables services providers to evolve their access networks from traditional copper-based networks to advanced optical communications access networks that are based on IP and Ethernet standards, for triple play voice, video and data services.

The Enablence Optical Components and Subsystems division is a global leader in applying the Planar Lightwave Circuit (PLC) technology to integrate multiple components into a single optical chip to reduce footprint and costs. The designers of access, metro and long-haul next-generation networks turn to Enablence for innovative, smaller and faster components and subsystems. Products for access, metro and long-haul markets include transceivers, splitters, waveguides, optical channel monitors, multiplexers, ROADMs, switches, tunable dispersion compensators, and photodiodes.

About BroadLight

BroadLight is a fabless semiconductor company supplying semiconductor devices and solutions to equipment vendors for FTTH applications around the globe. Its technology spans from optical access to home networking which enables the delivery of highly integrated, low-cost, end-to-end (E2E) solutions from the central office to the customer premise. As a result, BroadLight is the leader in GPON semiconductor devices and software and is currently powering some of the world's largest PON deployments.

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