



FOR IMMEDIATE RELEASE

Fulcrum and BroadLight Partner to Target Next-Generation GPON System Market

*Companies to combine efforts in producing solutions for emerging
multi-port GPON OLT market*

CALABASAS, CA. – Sept. 25, 2006 – Fulcrum Microsystems and BroadLight today announced a joint marketing and technical partnership that will combine Fulcrum's FocalPoint™ Ethernet switch technology and BroadLight's Gigabit Passive Optical Network (GPON) controller technology to provide a cost-effective solution for multi-port GPON optical line terminal (OLT) cards.

Under the partnership, BroadLight and Fulcrum will work together to provide seamless GPON-Ethernet interworking in their devices and will jointly market a solution to their customers. The joint solution meets the needs of GPON equipment manufacturers looking for higher density and lower cost GPON systems to meet the increased demand for high-speed data and IP TV services. The devices from the two companies can be used in four-port or eight-port systems, giving carriers a dramatic boost in GPON capacity when compared with today's one-port systems.

Fulcrum also announced today the FM2103 and FM2104 switches designed with a combination of 2.5-Gigabit Ethernet access ports and 10-Gigabit Ethernet backbone connections for the GPON market. The FM2103 is configured for four-port OLT cards with four access ports and two backbone ports, while the FM2104 is designed with eight access ports and two backbone ports. Both devices feature a programmable address look-up mode for Ethernet-to-GPON interworking.

BroadLight's multi-port GPON OLT ASIC features seamless connectivity and interworking with standard Gigabit Ethernet switches. With the integration of BCDRs and optics diagnostics along with an embedded processor executing BroadLight's interoperable and field proven G.984 stack, the self-contained GPON controller provides a comprehensive low power, high density FTTP OLT solution.

"Fulcrum's FocalPoint technology continues to open doors to new markets like GPON that need a high-performance, highly integrated and low-latency switching

solution,” said Bud Noren, senior product manager at Fulcrum Microsystems. “Our partnership with BroadLight expands our ecosystem and gives us a highly focused solution for the GPON market that will help move this market to high-density solutions more quickly and cost-effectively.”

“We are pleased to partner with another leading switch vendor and are confident that Fulcrum has the expertise and system elements to enable a multi-port OLT line card application,” said Doron Tal, director of product marketing for BroadLight. “BroadLight’s ability to integrate high-density, cost-effective OLT silicon combined with Fulcrum’s Ethernet Switch Technology is a winning combination for our customers.”

About BroadLight

BroadLight delivers the industry’s only end-to-end 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 end-to-end 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 Fulcrum Microsystems, Inc.

Fulcrum Microsystems delivers performance-leading Ethernet switch chips for next-generation board and system designs. The company’s devices change the paradigm for interconnect, offering low latency, fine-grained flow control, and high throughput which combine to simplify board design and to build in more flexibility and higher performance. More information can be found at www.fulcrummicro.com.

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