Avago Technologies Extends Leadership in 120 Gigabit High-Density Embedded Parallel Optical Interconnects at SC10

November 16, 2010

New MiniPOD(TM) Platform Offers Industry's First Small-Footprint Modules with Removable Optical Connector and Pluggable Electrical Connector for 120 Gbps Interconnect Applications

NEW ORLEANS, Nov 16, 2010 (BUSINESS WIRE) --

Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced a high-bandwidth, high-density parallel optic solution for short-range data and communication interconnect applications, here at the Super Computing 2010 conference. The new 12-channel embedded MiniPOD(TM) parallel optics transmitter and receiver modules support lane rates of up to 10 Gigabits per second (Gbps) for an aggregate bandwidth of up to 120 Gbps. The small-footprint modules feature a low-cost, removable fiber cable connection and a pluggable electrical connection that provide flexible cable management at installation, simplifying design and lowering cost for switching and supercomputing applications.

The new MiniPOD optical modules incorporate Avago 850-nm Vertical-Cavity Surface Emitting Laser (VCSEL) technology, Avago PIN array technology, and Avago integrated laser driver and receiver IC technology, which combine to provide robust electrical and optical performance at these high data rates. Using separate transmitter and receiver modules provides design flexibility and lowers the total solution cost for the optical interconnect. Incorporating programmable equalization and de-emphasis into the modules' highly compact 22- by 18.5-mm form factor allow system designers to optimize dense board layouts with superior signal integrity and system margin.

"Our new MiniPOD 120 Gigabit optical interconnects offer a powerful combination of density, speed, performance and design flexibility, and are backed by our proven, high-volume manufacturing expertise," said Tina Ohlhaver, marketing manager for fiber optic products at Avago. "Avago offers the market's broadest range of high-density, high-bandwidth parallel optical interconnects, which allows us to meet unique customer layout and density needs."

Avago is exhibiting high-density board layouts using its MicroPOD(TM) and MiniPOD technology, in addition to demonstrating other high-speed optical fiber solutions, at Super Computing 2010 in booth number 1328 at the Ernest N. Morial Convention Center from November 16-19.

About Avago Technologies

Avago Technologies is a leading supplier of analog interface components for communications, industrial and consumer applications. By leveraging its core competencies in III-V compound and silicon semiconductor design and processing, the company provides an extensive range of analog, mixed signal and optoelectronics components and subsystems to approximately 40,000 end customers. Backed by strong customer service support, the company's products serve four diverse end markets: wireless communications, wired infrastructure, industrial and automotive electronics, and consumer and computing peripherals. Avago has a global employee presence and heritage of technical innovation dating back nearly 50 years to its Hewlett-Packard roots. Information about Avago is available on the Web at www.avagotech.com.

Follow Avago on Twitter at http://twitter.com/Avagotech.

NOTE TO EDITORS: Please direct reader inquiries to Avago Technologies at +1 800 235 0312, or e-mail us at support@avagotech.com.

SOURCE: Avago Technologies

Avago Technologies
Samer Bahou, +1-408-435-7400
Press Relations Manager
press.relations@avagotech.com