



Press Release

For immediate release

Aegis Introduces Optical Performance Monitor Products

OPM sets new benchmark for low-cost embedded OSNR measurements

Woburn, Massachusetts - February 28, 2005 — Aegis Semiconductor, a leading supplier of cost-effective wavelength monitoring and control solutions, today announced the availability of its new optical performance monitor (OPM) product line, which measures optical signal to noise ratio (OSNR) in addition to channel power and wavelength of DWDM signals. Aegis' OPM is priced at \$2,250 in production quantities and is available in the industry's smallest form factor. It can also be ordered with a DPRAM interface to match the form, fit and function of many existing host-system designs.

"We continue to expand our optical monitoring product line to serve the growing demand for network intelligence and flexibility," said Don Bossi, President and CEO of Aegis Semiconductor. "Our tunable thin-film technology once again proves itself to be a low-cost enabler of the fully agile and transparent optical network."

Optical monitors play an increasingly important role in DWDM systems for automatic equipment provisioning, DWDM channel performance monitoring, and automatic control for gain, tilt and channel equalization. The addition of the OSNR measurement feature enables automatic turn-up and self-healing of optical amplifiers at repeater nodes and enhances receiver performance at end-terminal nodes. OSNR-capable OPMS also help service providers guarantee service level agreements.

“Customers are very excited to get performance monitors with OSNR measurement capability at this price,” said Wayne Sharfin, Vice-President of Engineering at Aegis Semiconductor. “Our OPM product is the smallest in the industry, measuring only 9 mm in height, and it’s an ideal solution to reduce the cost of both current and next-generation DWDM systems.”

The mosquito® OPM is the latest addition to Aegis’ successful line of DWDM channel-monitoring products, which includes the optical channel monitor (OCM) and the channel tilt monitor (CTM). The entire product line is Telcordia qualified per GR-468-CORE and GR-357-CORE. For more information, please visit Aegis’ website at www.aegis-semi.com or stop by Booth #1407 at the 2005 OFC / NFOEC Exposition in Anaheim, CA during March 8–10, 2005.

About Aegis Semiconductor

Aegis Semiconductor is a privately held company that builds cost-effective solutions for intelligent optical networks. Based on its Active Thin Films™ technology, Aegis is the first company to deliver low-cost wavelength-monitoring components and modules that are reliable and easily manufactured using proven methods from the semiconductor industry. Aegis has raised more than \$27 Million in funding from leading investors and venture capitalists including Vesbridge Partners, Alta Partners, YankeeTek Ventures, Technology Venture Partners, Stata Venture Partners, and Megunticook Management. The company is located in Woburn, Massachusetts, USA.

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