



Press Release

Avanex Chooses Aegis Semiconductor as Supplier for its PowerWatcher™ Network Ready Optical Channel Monitor

FREMONT, Calif., and WOBURN, Mass., — June 21, 2004 — Avanex Corporation (Nasdaq: AVNX) today announced the selection of Aegis Semiconductor as a primary supplier for its PowerWatcher™ Network Ready Optical Channel Monitor. The Avanex PowerWatcher is a fully integrated network-ready solution, and it is now available with the Aegis OCM (Optical Channel Monitor) tunable thin-film technology.

“The PowerWatcher delivers cost-effective channel monitoring to optical systems manufacturers, enabling them to deliver higher system performance,” said Dr. Giovanni Barbarossa, Chief Technology Officer and Vice President, Product Development of Avanex. “It provides network operators with the flexibility to deploy channel monitoring capability at many more nodes in the optical network at significantly lower cost.”

Avanex has chosen Aegis Semiconductor as its primary OCM supplier for the superior performance-to-cost ratio it offers through its distinctive, low-cost tunable thin-film technology. The Aegis OCM is a very cost-effective solution that does not require a fiber-optic switch to share the cost of monitoring multiple fiber points. Designed as a single compact package, the Aegis OCM can be used to monitor independently up to four fiber taps off of ingress, egress, east and west ports of an optical network element. By eliminating the fiber-optic switch from the design, the Aegis OCM offers significant optical performance and reliability.

“We are very pleased to be working with a leader in the industry such as Avanex,” said Matthias Wagner, founder and CEO, Aegis Semiconductor. “This relationship serves as a milestone that demonstrates our commitment to establish tunable thin-film technology as a key building block for agile optical network deployments.”

The PowerWatcher Network Ready Optical Channel Monitor is part of a family of Network Managed Subsystems from Avanex — including the low-cost, multi-purpose platform PowerNode™ Flexible Optical Layer Solution. Also included in this family are the PowerExchanger™ Network-Ready OADM (Optical Add/Drop Module) and the

PowerExpress™ Network-Ready EDFA (Erbium-Doped Fiber Amplifier). The PowerWatcher Optical Channel Monitor can also be offered in a line card form factor plugging directly into a system manufacturer's chassis.

About Aegis Semiconductor

Aegis Semiconductor is a privately held company that builds solutions for intelligent optical systems. Based on its tunable thin film technology, Aegis is the first company to deliver low-cost dynamic optical components that are reliable and easily manufactured using well-tested methods from the semiconductor industry. Aegis has secured more than \$27 million in funding from leading investors and venture capitalists including St. Paul Venture Capital, Alta Partners, YankeeTek Ventures, Technology Venture Partners, Stata Venture Partners, and Megunticook Management. The company is located in Woburn, Massachusetts, USA. More information can be viewed at www.aegis-semi.com.

About Avanex

Avanex Corporation is a leading global provider of Intelligent Photonic Solutions™ to meet the needs of fiber optic communications networks for greater capacity, longer distance transmissions, improved connectivity, higher speeds and lower costs. These solutions enable or enhance optical wavelength multiplexing, dispersion compensation, switching and routing, transmission and amplification and include Network Managed Subsystems.

Avanex was incorporated in 1997 and is headquartered in Fremont, Calif. Avanex also maintains facilities in Erwin Park, N.Y.; Nozay, France; and San Donato, Italy. The facilities also are home to Avanex's Centers of Excellence for specialized research and manufacturing. To learn more about Avanex Corporation, visit: www.avanex.com.

####

Avanex Investor Relations

Mark Weinswig
Phone: 510-897-4344
Fax: 510-897-4345
e-mail: mark_weinswig@avanex.com

Avanex Media

Tony Florence
Phone: 510-897-4162
Fax: 510-979-0198
e-mail: tony_florence@avanex.com

Aegis Semiconductor Contact

Lucia F. Graziano
Corporate Communications
(781) 904-4000, ext. 224
lgraziano@aegis-semi.com

Risk factors: Except for the historical information contained here, many of the matters discussed in this Web site are forward-looking statements, based on expectations at the time they were made, that involve risks and uncertainties that could cause our results to differ materially from those expressed or implied by such statements. These risks are detailed in the "[Factors That May Affect Future Results](#)" section of our latest 10-K or 10-Q filing. Avanex assumes no obligation to update these forward-looking statements.