# PoE Midspans are IEEE 802.3at Compliant

Microsemi, a leading provider of semiconductor technology aimed at powering a smart, secure, connected world, today announced two multi-port additions to its 60W PoE midspan family, the industry's first fully IEEE 802.3at standards-compliant high-power PoE solutions to include four-pair powering and gigabit switching support.

Microsemi's new PowerDsine 6-port PD-9506G and 12-port PD-9512G midspans deliver up to 60W of power over all four pairs of Ethernet cabling, cutting power dissipation in half when compared to conventional two-pair solutions and providing 15 percent less energy consumption. The midspans also include a gigabit interface to more easily support high-power devices such as PTZ cameras and thin clients; and implement 2-event classification as specified in the IEEE 802.3at specifications for communications with connected devices.

"With this new addition to our portfolio, Microsemi now offers a wide range of options for building a 60W PoE infrastructure from as little as one-port increments up to 12 ports at a time. Our comprehensive PD-9500 family gives network administrators the ultimate flexibility for adding a broad range of networked devices while efficiently managing power installation and consumption," said Paul Pickle, corporate vice president and general manager of Microsemi's Analog Mixed Signal Group. "Microsemi is continuously innovating and deploying the most efficient power management solutions for our customers, because now, more than ever, power matters."

The PowerDsine 9500G family is designed specifically to power high power network devices over Ethernet cabling, eliminating the need for wiring to external AC power sources. The multiport midspans also feature a proprietary power feed technology that supports all legacy PoE devices, providing the most energy efficient solution in the industry today.

Microsemi's expanded PD-9500 family complements the company's extensive portfolio of midspan products, including managed and unmanaged products in a wide range of densities from single- to 24-port configurations.

The PD-9506G/12G midspan is available in production volumes for a unit list price starting at $1199.

Product specifications, application whitepapers and other information is available at

http://www.microsemi.com [1].

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[1] http://www.microsemi.com