

[ProductCenter](#) » [Power Sources](#) » [Briefs](#)


NI Data Loggers for Structural Applications








SEARCH THIS SITE

[WHAT'S NEW](#) [REVIEWS](#) [BRIEFS](#) [FOCUS ON](#) [OPINION](#) [DATA SHEETS](#) [NETSEMINAR](#)


1-port, 36-W PoE manager complies with IEEE802.3at

[Ismini Scouras](#)
[eeProductCenter](#)

(02/19/2008 4:18 PM ET)


 Print  Email  Reprints  Share  Del.icio.us  Slashdot 

PRODUCT CATEGORIES

[ANALOG ICs](#)[BOARDS / BUSES](#)[DSP](#)[ELECTROMECHANICAL](#)[EMBEDDED TOOLS](#)[INTERCONNECTS](#)[MPUS / MCUS](#)[MEMORY](#)[LOGIC & INTERFACES](#)[PASSIVES / SENSORS](#)[PLDs / FPGAs](#)[POWER COMPONENTS](#)[POWER SOURCES](#)[RF / MICROWAVE](#)[TEST / MEASUREMENT](#)

Irvine, Calif.—Microsemi Corp. is touting its PD64001 as the first 1-port Power-over-Ethernet of driving 36-W on 2-pairs to powered devices, and supporting 2-event Classification, while complying with stringent requirements specified in IEEE802.3at, Draft 1.0.

For more on the spec, [click here](#).

The PD64001 PoE manager will allow switch, [router](#) and midspan vendors to cost-effectively provide higher levels of managed power to a broad range of Ethernet devices in small office, home office and residential applications, such as [WiMAX](#) transmitters, pan-tilt-zoom cameras, fiber-to-the-home optical network terminators and outdoor xDSL/cable modems.


The PD64001, supporting an average maximum current of 720mA, enables manufacturers to build switches that can drive 36W for every 2-pairs [interface](#) and power any device that consumes up to 30W, sourcing the minimum [voltage](#) of 50V as specified in IEEE802.3at, Draft 1.0. Customers requiring up to 60W can use a 4-pair [architecture](#) using a combination of two PD64001 devices, which together drive 72W.

Availability: Sampling now with production in the first quarter of 2008. The PD-IM-7301 evaluation board is available today.

Datasheet: [click here](#).

Microsemi Corp., www.microsemi.com

Explore within this :




Please [login or register here](#) to post a comment