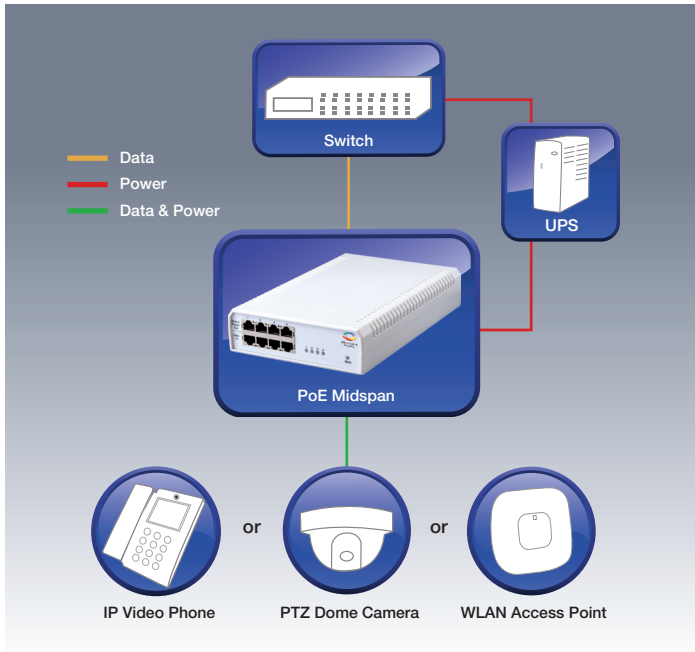


# PD-3504G Midspan

Compact 4-port Gigabit Midspan for the enterprise market



## Overview

The Microsemi's PD-3504G offers a cost effective, IEEE 802.3af compliant solution to upgrade existing infrastructures with PoE, providing a maximum of 15.4 watts of power through each port and ensuring safe operation of any standard PoE data terminal. The PD-3504G provides PoE to IP telephones, wireless LAN access points, security network cameras and IP terminals to receive power, along with data, over standard Ethernet cables, leaving network infrastructure completely unaltered.

With the midspan's plug-and-play installation, they are easily and cost effectively implemented leveraging an existing Ethernet infrastructure while at the same time providing the assurance of a future proof network.

## PD-3504G Features

- Safe & reliable power over existing Ethernet infrastructure
- Stackable and compact
- Cisco and legacy PoE support\*
- Plug-and-play installation
- Guaranteed uptime

\* Dongles required

## PD-3504G Specifications

|                                     |  |
|-------------------------------------|--|
| No. of Ports                        | 4  |
| Pass Through Data Rates             | 10/100/1000 Mbps   |
| Power over Ethernet Output          | Pin Assignment and Polarity:<br>4/5 (+), 7/8 (-)<br>Output Power Voltage: 55Vdc<br>User Port Power: 15.4 Watts   |
| Input Power Requirements            | AC Input Voltage: 100 to 240 Vac<br>AC Input Current: 1A @110 Vac<br>0.4A @ 240Vac<br>AC Frequency: 50 to 60 Hz  |
| Dimensions                          | 148 mm (W) x 224 mm (H) x 43 mm (L)<br>5.82 in. x 8.82 in. x 1.69 in   |
| Weight                              | 1.4 lbs (.62 kg)   |
| Indicators                          | System Indicator:<br>AC Power (Green)<br><br>User Indicator:<br>Channel Power (Green)  |
| Connectors                          | Shielded RJ-45, EIA 568A and 568B  |
| Environmental Conditions            | Operating Ambient Temperature:<br>32° to 104°F (0°C to 40°C)<br><br>Operating Humidity:<br>Maximum 90%, Non-condensing<br><br>Storage Temperature:<br>-4° to 158°F (-20° to 70°C)<br><br>Storage Humidity:<br>Maximum 95%, Non-condensing<br><br>Operating Altitude:<br>-1000 to 10,000 ft. (-304.8 to 3048 m) |
| Reliability                         | MTBF: 300,000 hrs. @25°C   |
| Thermal Rating                      | 51 BTU/Hr  |
| Warranty                            | 1-year   |
| Regulatory Compliance               | IEEE 802.3af (PoE, PoH Type 1),<br>RoHS Compliant, WEEE Compliant, CE  |
| Electromagnetic Emission & Immunity | FCC Part 15, Class B<br>EN 55022 Class B (Emissions)<br>EN 55024 (Immunity), VCCI  |
| Safety Approvals                    | UL/cUL Per EN 60950<br>GS Mark Per EN 60950  |

## Ordering Information

| Part Number | Name               | Ports  |
|-------------|--------------------|--------|
| PD-3504G/AC | Microsemi PD-3504G | 4-port |



**Microsemi**

Microsemi Corporate Headquarters  
One Enterprise, Aliso Viejo, CA 92656 USA  
Within the USA: +1 (800) 713-4113  
Outside the USA: +1 (949) 380-6100  
Sales: +1 (949) 380-6136  
Fax: +1 (949) 215-4996  
email: [sales.support@microsemi.com](mailto:sales.support@microsemi.com)  
[www.microsemi.com](http://www.microsemi.com)

Microsemi Corporation (Nasdaq: MSCC) offers a comprehensive portfolio of semiconductor and system solutions for communications, defense & security, aerospace and industrial markets. Products include high-performance and radiation-hardened analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and synchronization devices and precise time solutions, setting the world's standard for time; voice processing devices; RF solutions; discrete components; security technologies and scalable anti-tamper products; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services. Microsemi is headquartered in Aliso Viejo, Calif., and has approximately 3,400 employees globally. Learn more at [www.microsemi.com](http://www.microsemi.com).

©2014 Microsemi Corporation. All rights reserved. Microsemi and the Microsemi logo are trademarks of Microsemi Corporation. All other trademarks and service marks are the property of their respective owners.

MSC-PD-3504/6.2014



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.