



MICROCHIP PD-USB-DP30 PoE to USB-C Power and Data Adapter Up To 23.5W User Guide

[Home](#) » [MICROCHIP](#) » MICROCHIP PD-USB-DP30 PoE to USB-C Power and Data Adapter Up To 23.5W User Guide 

Contents

- [1 MICROCHIP PD-USB-DP30 PoE to USB-C Power and Data Adapter Up To 23.5W](#)
- [2 PD-USB-DP30 Quick Start Guide](#)
- [3 LED Indicators](#)
- [4 Specifications](#)
- [5 Environmental Information](#)
- [6 Technical Support](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

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PD-USB-DP30 Quick Start Guide

1. . Connect an IEEE® 802.3af/at/bt-compliant PSE to the PD-USB-DP30's "PoE IN" RJ45 socket using a standard Cat 5/5e/6 Ethernet cable. (Note: The maximum allowed length of the Ethernet cable is 100 meters).



2. Check that the "Power" LED is yellow to verify that the PD-USB-DP30 is powered on.



3. Connect one side of the supplied USB Type-C® cable to the PD-USB-DP30's USB-C socket. (Note: Any USB-C connection polarity is allowed.)

- 4. Connect the other side of the USB Type-C cable to the USB-C powered device.
- 5. Verify that the USB-C-powered device is getting power from the PD-USB-DP30.

LED Indicators

LED	Appearance	Status
Power	No Light	PD-USB-DP30 is: powered off or powered on as a dongle
	Yellow On	PD-USB-DP30 is powered on
Link/ Act	No Light	No data link
	Green On	Data link on
	Green Blinking	Data activity on

Specifications

Data

- PoE IN
 - 10/100/1000 Mbps
- USB Type-C
 - USB 2.0
 - USB 3.1 Gen 1

Power

- PoE IN
 - Input Voltage: 42-57 VDC
 - Input Current: 1.75A max
- USB Type-C
 - 5 Vdc/3A
 - 9 Vdc/2.61A
 - 15 Vdc/1.57A
 - 20 Vdc/1.18A

Environmental Information

- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- Operating Humidity: 90% Max (non-condensing)
- Storage Temperature: -20°C to +70°C (-4°F to +158°F)
- Storage Humidity: 95% Max (non-condensing)
- Dimensions: 22.4 mm (H) x 66.8 mm (W) x 105.2 mm (L)
- Weight: 150g

Notes

- If the USB host is running the Windows® operating system, the device driver should be automatically installed (plug and play) after the PD-USB-DP30 is connected. Linux® may require driver installation in case the LAN7800 Ethernet controller is missing. Apple® requires driver installation.
- If the USB host doesn't recognize the PD-USB-DP30 as a USB device, please go to the LAN7800 product page to download and install the appropriate device driver.
- Powering multiple PD-USB-DP30 from the same PoE multiport midspan may affect data/power performance to connected USB-C devices if they are sharing common peripheral equipment such as monitors, projectors, etc.

Technical Support


For technical support please visit the Microchip Technical Support Portal www.microchip.com/support

LAN7800 Driver

To download device drivers for the LAN7800 please visit the LAN7800 WEB page: LAN7800 USA/Canada: +1 877

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Documents / Resources

	<p>MICROCHIP PD-USB-DP30 PoE to USB-C Power and Data Adapter Up To 23.5W [pdf] User Guide</p> <p>PD-USB-DP30, PoE to USB-C Power and Data Adapter Up To 23.5W, PD-USB-DP30 PoE to USB-C Power and Data Adapter Up To 23.5W, PoE to USB-C Power and Data Adapter, USB-C Power and Data Adapter, Power and Data Adapter, Data Adapter, Adapter</p>
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References

-  [Empowering Innovation | Microchip Technology](#)
-  [Microchip Lightning Support](#)