MICROCHIP PD-USB-DP60 Poe To USB-C Power and Data Adapter User Guide

**PD-USB-DP60 Poe To USB-C Power and Data Adapter
User Guide**

PD-USB-DP30 Quick Start Guide

Contents

PD-USB-DP60 Poe To USB-C Power and Data Adapter

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 connec- tion 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 automat- ically installed (plug and play) after the PD-USB-DP30 is connected. Linux® may require driverinstallation in case the

LAN7800 Ethernet controller is missing. Apple® requires driver installation.

- If the USB host doesnt 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: +1 877 480 2323

Documents / Resources

	MICROCHIP PD-USB-DP60 Poe To USB-C Power and Data Adapter [pdf] User Guide PD-USB-DP60 Poe To USB-C Power and Data Adapter, PD-USB-DP60, Poe To USB-C Power and Data Adapter, USB-C Power and Data Adapter, Power and Data Adapter, Data Adapter, Adapter

References

- 🔴 **Empowering Innovation | Microchip Technology**
- 🔴 **Microchip Lightning Support**

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