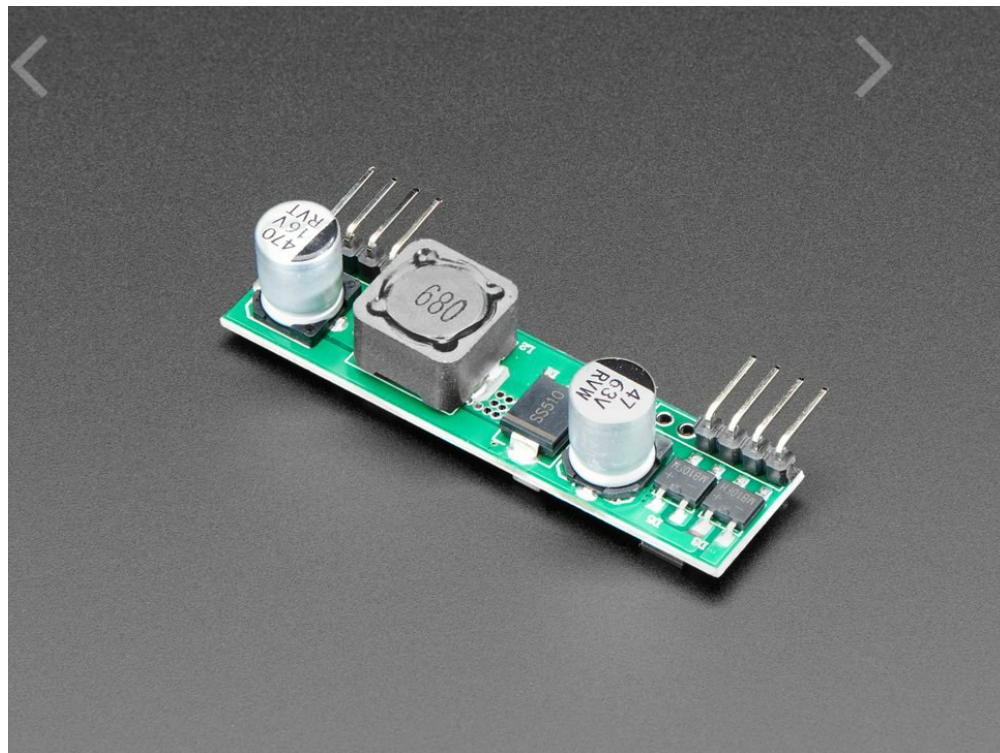adafruit

Products

Gift Ideas

What's New

CABLES / ETHERNET / 5V 1.5A OUTPUT POE MODULE - WORKS WITH RASPBERRY PI 3 B+

5V 1.5A Output PoE Module - Works with Raspberry Pi 3 B+

PRODUCT ID: 3847

OUT OF STOCK

Please enter your details below and we will send you an email when this item is back in stock. You will only be emailed about this product!
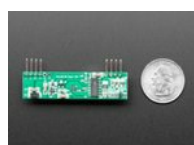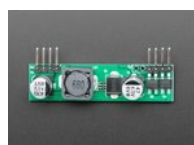
YOUR EMAIL

ADD TO WISHLIST

NOTIFY ME

DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

Power over Ethernet (PoE) can make your project wiring a breeze - instead of needing a wire for power and data, you can use one Ethernet cable for both! All you need is this handy PoE module, and access to the center-taps on your Ethernet-capable board. Attach the four input

wires, and get regulated 5V 1.5A on the other side. Amazing!

This module works well with the Raspberry Pi 3 Model B+, which has the 4 wires on a header. As you can see in our photos, you just need some female-female jumper wires to get the Ethernet wires to the module, and then two wires to bring the 5V back to the header. Note that even though a 2.5A power supply is recommended for a Pi 3B+, that's only required if you attach a bunch of accessories (such as a 7" display!) 1.5A will cover a wide range of usages, as the current draw is around 0.7A max without extras.

If you don't have access to those pins, but can power your board or computer with a micro USB cable, check out our 5V microUSB PoE Splitter. It's bigger and more expensive but really easy to use Great for older Raspberry Pi's (not the 3 B+), Feathers, etc)

We also have an isolated version of this module, when you want electrical separation.

TECHNICAL DETAILS

To use:

1. Connect pins 1 and 2 to Ethernet wires 4 and 5
2. Connect pins 3 and 4 to Ethernet wires 7 and 8
3. Pin labeled (-) is ground output
4. Pin labeled (+) is 5V out

Product Dimensions: 56.4mm x 20.3mm x 13.2mm / 2.2" x 0.8" x 0.5"

Product Weight: 9.0g / 0.3oz

Module Datasheet

MAY WE ALSO SUGGEST...

PoE Splitter with MicroUSB

Raspberry Pi 3 - Model B+ -

Cable Gland - Waterproof

Ethernet Cable - 5 ft long

Passive PoE Injector Cable

Ethernet RJ45 Female

Ethernet RJ45 Male Plug

802.3af PoE Output Data &

5V 1.8A Isolated Output PoE

Ethernet Shield for Arduino

802.3af PoE Output Data &

Raspberry Pi PoE Hat

4.9 ★★★★★
Google
Customer Reviews