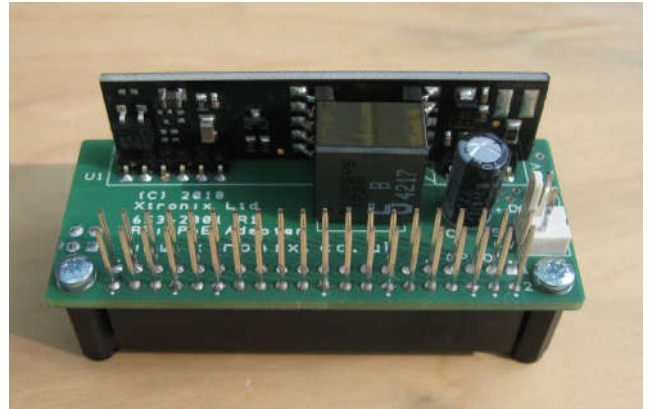


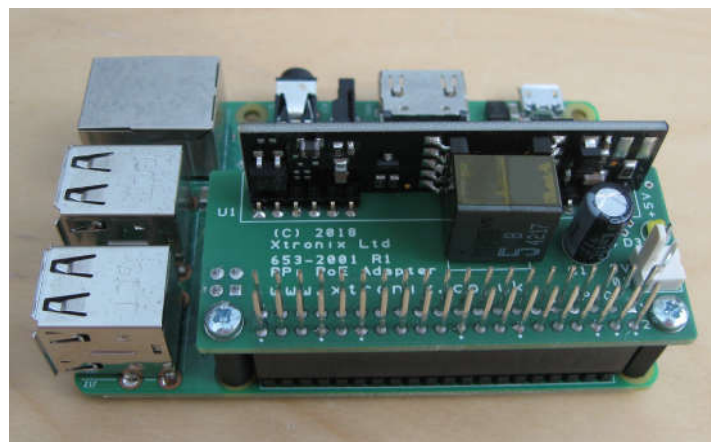
Data Sheet

Power over Ethernet Adapter - Raspberry Pi 3 Model B+

- +5 Volts at up to 1.00 Amps Output
- Plugs directly into Raspberry Pi PCB
- Conforms to IEEE 802.3af Standard
- Powered from remote 'PoE' Switch
- GPIO and +5V Power Connector



The Xtronix 'Power over Ethernet' (PoE) adapter is designed to be plugged directly on to a Raspberry Pi Model 3 B+ PCB and to supply +5 Volts to the Raspberry Pi. The adapter conforms to the IEEE 802.3af Power over Ethernet standard. It is intended to be powered by an IEEE 802.3af compatible switch or Injector where power is supplied over the Ethernet Cable. A 40 Way connector allows the user to connect to the Raspberry Pi GPIO connector and a 2 pin connector allows the user to connect the +5V to external devices. Two pillars and M3 screws allow the PCB to be fixed to the Pi PCB.



Specifications

Nominal Voltage Output	5 Volts DC
Maximum Output Current	1.00 Amps (assumes suitable PoE Switch/Injector) @ 40°C ambient
Nominal Input Voltage	48 Volts DC via Ethernet Cable (38 to 57 Volts DC)
Temperature Range	0 to +40°C (ambient air temperature around the adapter)
Humidity	+5 to +80% Non-Condensing
+5V Power Connector	2 Way 0.1" Molex (Pin 1 - 5V, Pin 2 - 0V)
GPIO Connector	40 Way 2 Row 0.1" Header – pin out as per Raspberry Pi PCB
CE Marked	Yes – Safety, EMC, ROHS and WEEE
Ordering Information	Xtronix Part Number 653/9001 R1
Compatibility	Raspberry Pi 3 Model B+.

NOTE: Description and specifications may be changed without notice.

Data Sheet 653/9001 R1 DS1 May 2018

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