

Adafruit Perma-Proto 40-Pin Raspberry Pi PCB Kits

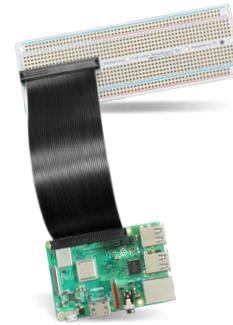
Product Overview

10-14-2021

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Adafruit Perma-Proto 40-Pin Raspberry Pi PCB Kits feature a 2x20 box header that can be soldered to the PCB to get all the labeled breakouts. These labeled breakouts include extra prototyping space, mounting holes, and power rails. The Perma-Proto PCB kits are compatible with all Raspberry Pi computers including Pi B+, A+, 2, 3, 4, and Zero. These PCB kits offer a white silkscreen on the top-side, 5-hole pad design on the bottom, 4 power bus lines on the sides, and no mask. The Perma-Proto PCB kits require a 40pin GPIO cable to connect it to the Pi board. These PCB kits are RoHS2 compliant.



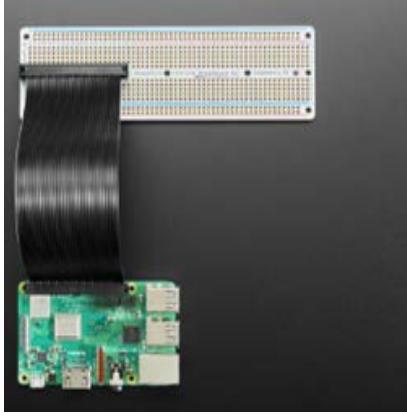
Features

- White silkscreen on the top side
- 5-hole pad design on the bottom
- 4 power bus lines on the sides
- Gold plate finish
- RoHS2 compliant

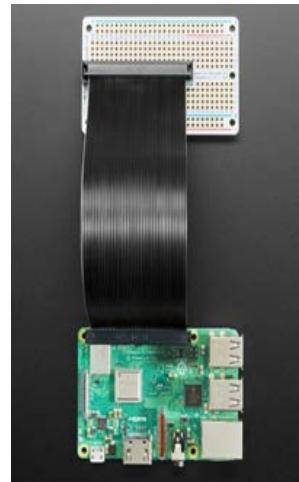
Specifications

- 20x dual rows 4-pin holes breaking out the GPIO cable
- 2x dual rows of 4-holes
- 4 power rails with positive/negative markings
- 82.8mm x 50.7mm, 0.063" thick FR4 (half-size PCB kit)
- 160mm x 50.8mm, 0.063" thick FR4 (breadboard PCB kit)
- 1.2mm drill hole
- 2x20 box header
- Half-size PCB kit:
 - 8x dual rows of 5-holes
- Breadboard PCB kit:
 - 38x dual rows of 5-holes

Kits Overview



[4354 Raspberry Pi PCB Kit](#)



[4353 Raspberry Pi PCB Kit](#)

Mouser Part Number(s)

[View All Parts](#)

To learn more, visit <https://www.mouser.com/new/adafruit/adafruit-perma-proto-raspberry-pi-pcb-kits/>