



This is an add-on prototyping Pi Plate from Adafruit, which can snap onto the Pi PCB (and is removable later if you wish) and gives you all sorts of prototyping features to make building on top of the Pi super easy.

Note: This kit is best used for the Raspberry Pi Model A or Model B. You can use it with any "2x20 GPIO type" Pi (A+, B+, Zero, Pi 2, Pi 3) but only the 'top 26 pins' will be broken out for use

There's a big prototyping area, half of which is 'breadboard' style and half of which is 'perfboard' style so you can wire up DIP chips, sensors, and the like. Along the edges of the proto area, all the GPIO/I2C/SPI and power pins are broken out to 0.1" strips so you can easily connect to them. On the edges of the prototyping area, (almost all of) the breakout pins are also connected to labelled 3.5mm screw-terminal

blocks. This makes it easy to semi-permanently wire in sensors, LEDs, etc. There's also a 4-block terminal block broken out to 0.1" pads for general non-GPIO wiring. Finally, there's an SOIC surface mount chip breakout area, for those chips that don't come in DIP format.

This kit comes as a set of parts, a little soldering is required to put it together but it's really easy, even a beginner can do it in 15-20 minutes or so.

The custom header breakouts are taller than usual, so that the proto plate sits *above* the metal connectors, out of the way and allows for plenty of workspace. It fits in the Pi Box enclosure with access to the terminal blocks so you can keep the Pi safe while prototyping.

Note: The terminal blocks included with your product may be blue or black.