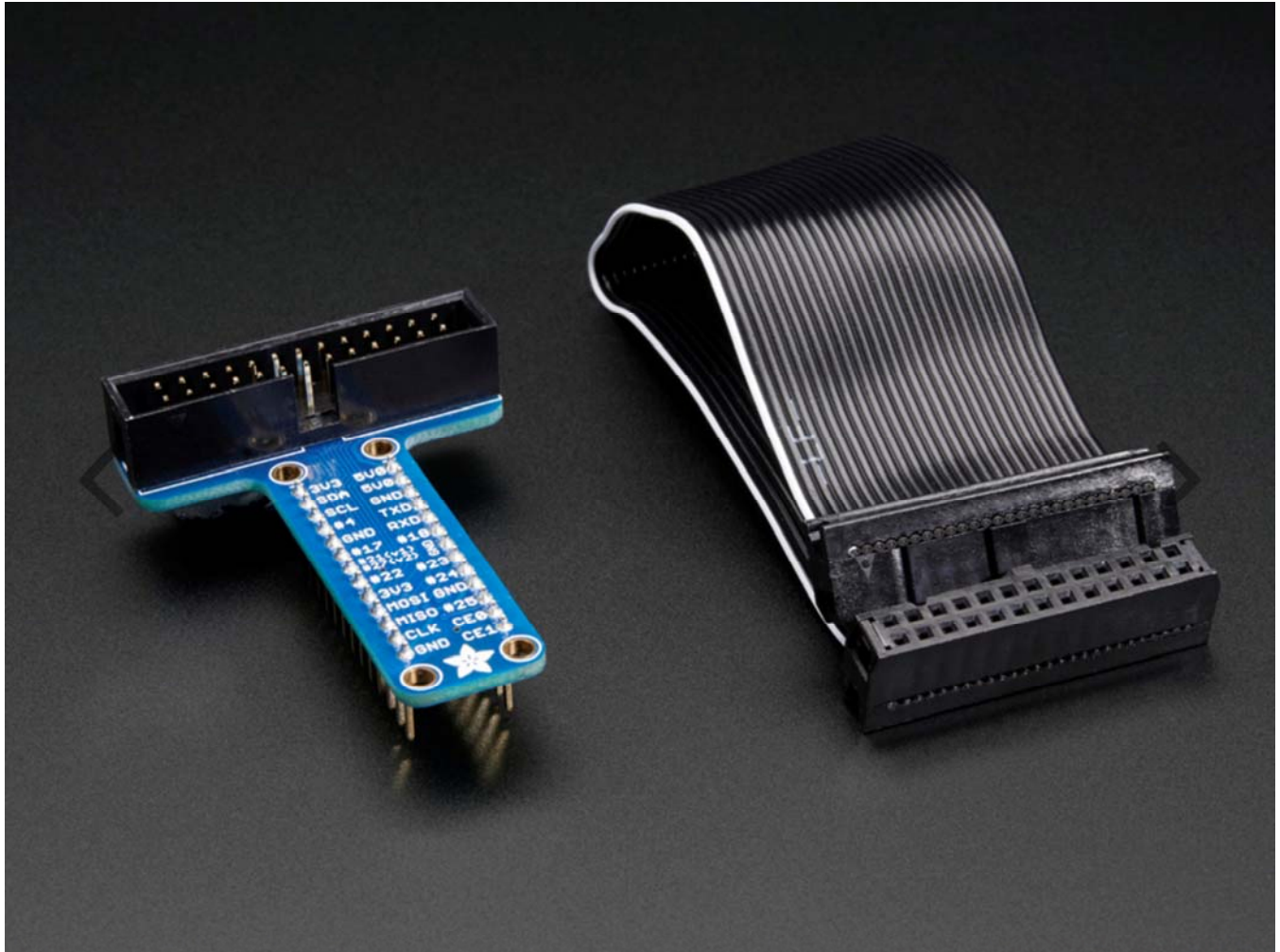


# Adafruit Assembled Pi T-Cobbler Breakout for Raspberry Pi

PRODUCT ID: 1754



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## DESCRIPTION

Now that you've finally got your hands on a Raspberry Pi<sup>®</sup>, you're probably itching to make some fun embedded computer projects with it. What you need is an assembled add on prototyping Pi T-Cobbler from Adafruit, which can break out all those tasty power, GPIO, I2C and SPI pins from the 26 pin header onto a solderless breadboard. This mini kit will make "cobbling together" prototypes with the Pi super easy. Designed for Raspberry Pi Model B Revision 1 or Revision 2. Designed for use with Raspberry Pi Model B AND Model A, both revisions. This will not work with the Raspberry Pi 2 or Model A+ or B+ If you have one of those, check out our 40-pin version of this item.

This assembled Cobbler is in a fancy T-shape, which is not as compact, but is a little easier to read the labels. We also have the more compact original Cobbler. The assembled Pi T-Cobbler mini kit comes with a 26 pin ribbon cable, and an already soldered T-Cobbler as shown. No soldering required! This mini kit comes fully assembled!

The PCB and header come soldered together so you can plug the cable between the Pi computer and the T-Cobbler breakout. The T-Cobbler can plug into any solderless breadboard (or even a prototyping board like the PermaProto). The T-Cobbler PCB has all the pins labeled nicely so you can go forth and build circuits without keeping a pin-out printout at your desk. We think this will make it more fun to expand the Pi and build custom circuitry with it.

The Adafruit Pi T-Cobbler is compatible with Model A and Model B both versions 1 and 2 of the Raspberry Pi Computer – for version 2 computers, note that the GPIO #21 has been replaced with GPIO #27 and that the I2C pins are now I2C port #1 instead of #0. All other pins are the same. This Cobbler is not compatible with the Model B+ unless you have a GPIO downgrade cable

Please note, this product only contains a 26 pin ribbon cable, a custom PCB with ribbon cable socket and header pins soldered to it. The Raspberry Pi, breadboard, breadboarding wires, cables, components, case, power supply, etc is not included!

We do stock many of those items in the shop, so check those out as well!

What is the Raspberry Pi® ? A low-cost ARM GNU/Linux box.

The Raspberry Pi® is a single-board computer developed in the UK by the Raspberry Pi Foundation with the intention of stimulating the teaching of basic computer science in schools. The design is based on a Broadcom BCM2835 system on a chip (SoC), which includes an ARM1176JZF-S 700 MHz processor, VideoCore IV GPU, and 256 megabytes of RAM. The design does not include a built-in hard disk or solid-state drive, instead relying on an SD card for booting and long-term storage. The Foundation plans to support Fedora Linux as the initial system software package/distribution, with support for Debian and Arch Linux as well – Wikipedia.

Raspberry Pi® is a trademark of the Raspberry Pi Foundation.

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# Technical Details

## Ribbon Cable Dimensions:

173mm x 33mm / 6.8" x 1.3"

Weight: 14.4g

## Pi T-Cobbler Dimensions:

55mm x 15mm x 11mm / 2.2" x 0.6" x 0.4"

Width of T: 40mm / 1.6"

Weight: 8.5g