

Qwiic SHIM for Raspberry Pi

DEV-15794

Product Overview

05-27-2022

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

Description

SparkFun Qwiic SHIM for Raspberry Pi is a small and easily removable breakout that adds a Qwiic connector to a Raspberry Pi. The SHIM design allows direct plug-ins to the Pi I²C bus with no soldering required. The thin printed circuit board design allows for it to be sandwiched on a Pi General-Purpose Input/Output (GPIO) with other Hardware Attached on Top (HAT) devices. The Qwiic SHIM uses a unique friction-based connector that wedges itself onto the GPIO header for a secure and solderless connection.

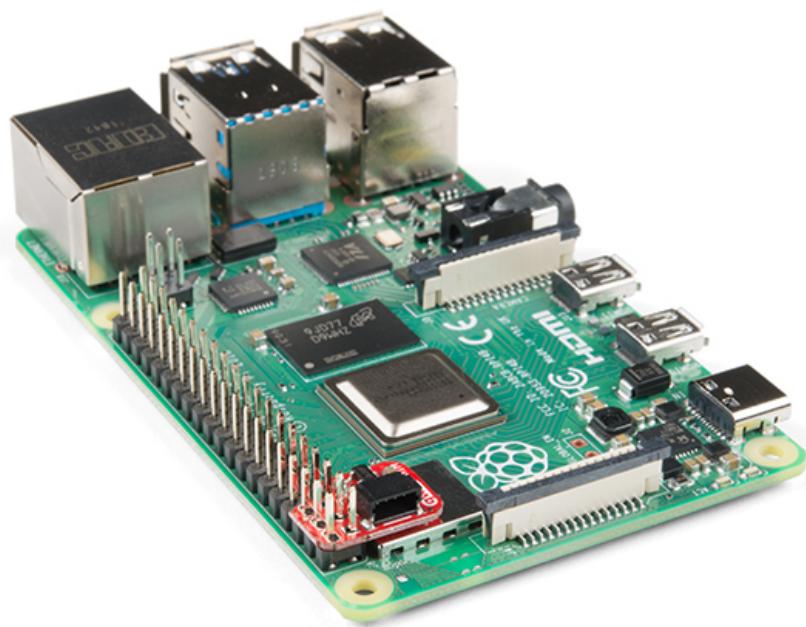


The Qwiic SHIM has a single Qwiic connector that connects to your Pi's I²C bus (SDA, SCL, 5V, and Ground). The SHIM also has a 3.3V regulator so it will work with all Qwiic devices. Even better, the SparkFun Qwiic SHIM will also work with the NVIDIA Jetson Nano Developer Kit!

Features

- Small form factor
- HAT stackable
- Fits inside protective case
- No soldering required
- Qwiic connector
- Thin PCB design
- Friction-based connector
- 3.3V regulator

Overview



Mouser Part Number

[View Part](#)

To learn more, visit

<https://www.mouser.com/new/sparkfun/sparkfun-qwiic-shim/>