

# Qwiic SHIM for Raspberry Pi

DEV-15794

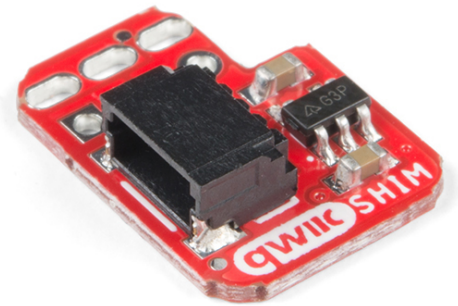
## Product Overview

05-27-2022

For the most up-to-date information, visit [www.mouser.com](http://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 I<sup>2</sup>C 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.

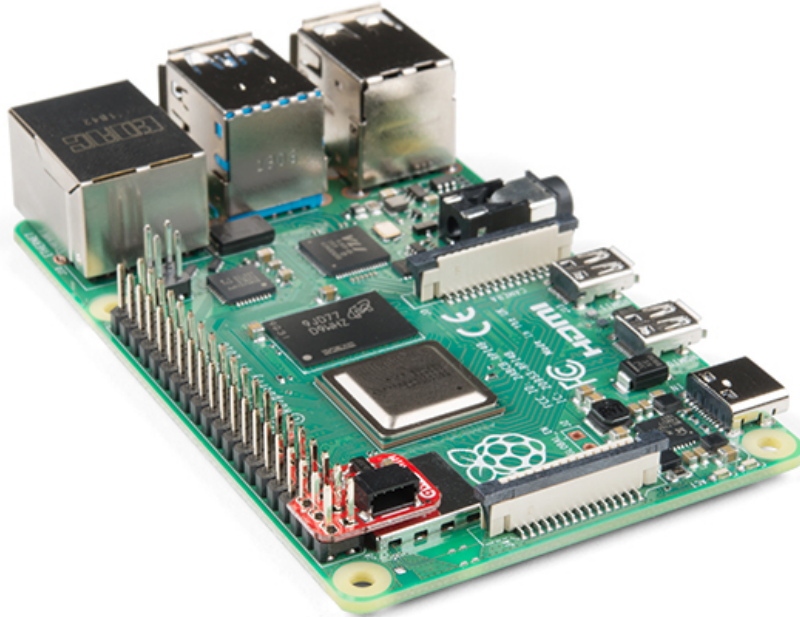


The Qwiic SHIM has a single Qwiic connector that connects to your Pi's I<sup>2</sup>C bus (SDA, SCL, 5V, and Ground). The SHIM also has a 3.3V regulator so it will work with all Qwiic devices. Even better, the SparkFun Qwiic SHIM will also work with the NVIDIA Jetson Nano Developer Kit!

## Features

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

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## Mouser Part Number

[View Part](#)

To learn more, visit

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