

SparkFun Qwiic HAT for Raspberry Pi

DEV-14459 RoHS In Eagle Library



The SparkFun Qwiic HAT for Raspberry Pi is the quickest and easiest way to enter into SparkFun's Qwiic ecosystem while still using that Raspberry Pi that you've come to know and love. The Qwiic HAT connects the I²C bus (GND, 3.3V, SDA and SCL) on your Raspberry Pi to an array of Qwiic connectors on the HAT. Since the Qwiic system allows for daisy chaining boards with different addresses, you can stack as many sensors as you'd like to create a tower of sensing power!

The Qwiic Pi HAT has four Qwiic connect ports, all on the same I²C bus. In addition, many of the useful GPIO pins on the Raspberry Pi are broken out. This HAT is compatible with any Raspberry Pi that utilizes the standard 2x20 GPIO header. It has been designed to sit to the side of the Pi, allowing it to work conveniently with a Pi Tin enclosure to connect boards to the Qwiic ports.

The SparkFun Qwiic Connect System is an ecosystem of I²C sensors, actuators, shields and cables that make prototyping faster and less prone to error. All Qwiic-enabled boards use a common 1mm pitch, 4-pin JST connector. This reduces the amount of required PCB space, and polarized connections mean you can't hook it up wrong.

FEATURES

- 4x Qwiic Connection Ports
- Select GPIO Pins Broken Out
- Pi Tin Compatibility





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