

Qwiic Starter Kit for Raspberry Pi

KIT-16841

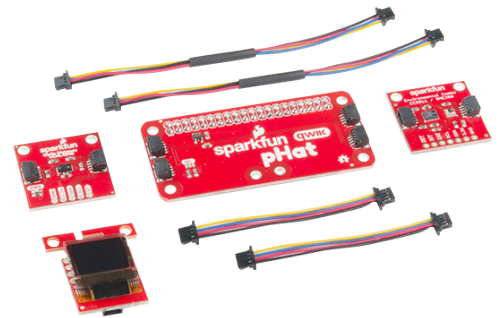
Product Overview

11-25-2021

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

Description

SparkFun Qwiic Starter Kit for Raspberry Pi provides everything needed to integrate the Qwiic prototyping ecosystem with the Pi Single Board Computer (SBC). The included Qwiic pHAT connects the I²C bus (GND, 3.3V, SDA, and SCL) on the Raspberry Pi to an array of four Qwiic connectors. This Qwiic starter kit can also be used with the NVIDIA Jetson Nano Developer Kit and Google Coral Development Board as they utilize the same 2x20 GPIO header.



The Qwiic starter kit also includes a Proximity Sensor Breakout Board based on the Vishay VCNL4040 Proximity and Ambient Light Sensor. This sensor is an Environmental Combo Breakout Board featuring the ams CCS811 and Bosch BME280 Sensors and a Micro OLED Breakout Board with a monochrome 64 x 48 pixel OLED display.

The 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.

Kit Contents

- 1x Qwiic pHAT for Raspberry Pi ([DEV-15351](#))
- 1x Qwiic Micro OLED Breakout ([LCD-14532](#))
- 1x Qwiic Proximity Sensor Breakout ([SEN-15177](#))
- 1x Qwiic Environmental Combo Breakout ([SEN-14348](#))
- 2x Qwiic 50mm Cable ([PRT-14427](#))
- 2x Qwiic 100mm Cable ([PRT-14427](#))

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-qwiic-kit-raspberry-pi/>