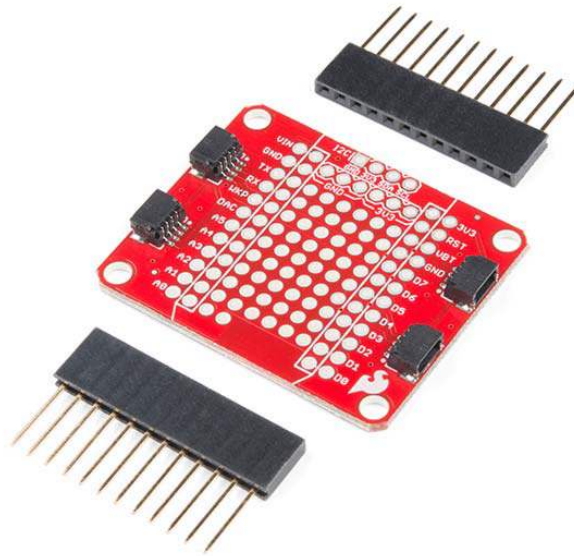




SparkFun Qwiic Shield for Photon

DEV-14477 [RoHS Open Source Hardware In Eagle Library](#)



The SparkFun Qwiic Shield for Photon is an easy-to-assemble board that provides a simple way to incorporate the Qwiic Connect System with your Particle Photon. This shield connects the I²C bus on your Photon to a series of SparkFun Qwiic connectors. As long as your devices are on different addresses, the Qwiic system allows for daisy chaining, meaning you can stack as many sensors as you'd like to create a tower of sensing power!

The Qwiic Shield has four Qwiic connection ports, all on the same I²C bus, as well as a small prototyping area to design and make your own unique circuits. The shield is also equipped with 3-pin buses for ground and 3.3V to help with prototyping.

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.

Note: This shield includes Photon stackable headers, but they are not pre-soldered onto the board, so some assembly will be required when putting the shield together.

INCLUDES

- 1x SparkFun Qwiic Shield for Photon
- 2x Photon Stackable Header, 12-pin

FEATURES

- 4x Qwiic Connection Ports
- Small Prototyping Area
- 3.3V and GND Buses

