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SparkFun Inventor's Kit Bridge Pack - v4.1

KIT-15476

★★★★☆ 1

DESCRIPTION

INCLUDES

DOCUMENTS

EXAMPLES

Own the fourth iteration of our popular SparkFun Inventor's Kit and not ready to buy version You are in luck! The SparkFun Inventor's Kit Bridge Pack was designed to provide you with an easy way to move into the next SIK edition without buying a whole new kit. Each Bridge Pack includes all of the new parts found in the SIK v4.1 that aren't in V4.0, as well as the most up-to-date, spiral-bound guidebook so you can get started right away!

- v4.0 => v4.1
 - RedBoard (w/ FTDI, mini-B) => RedBoard Qwiic (w/ CH340 micro-B connector, Qwiic connector w/ logic level conversion)
 - USB mini-B cable => USB micro-B cable
 - Red Ultrasonic Sensor => Blue Ultrasonic Sensor w/ crystal - increased reliability

The SIK V4.1 includes the **Redboard Qwiic** which allows you to expand into the SparkFun Qwiic ecosystem after you have become proficient with the SIK circuits. 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. Please be aware that with the new Redboard Qwiic addition to the SIK that you *will need* to **install new drivers** for the CH340 USB-to-Serial Converter.

Note: The Bridge Pack is NOT a full SparkFun Inventor's Kit and only includes the parts to complement an older version of the SIK to make it compatible with the version 4.0 projects.

GET STARTED WITH THE SPARKFUN INVENTOR'S KIT V4.1
EXPERIMENT GUIDE

Tags

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QWIIC

REDBOARD

SIK

V4.1

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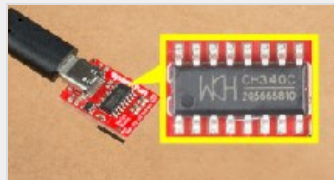


SparkFun Inventor's Kit Bridge Pack - v4.1 Product Help and Resources

TUTORIALS

VIDEOS

SKILLS NEEDED



How to Install CH340 Drivers

AUGUST 6, 2019



SparkFun Inventor's Kit Experiment Guide - v4.1

AUGUST 8, 2019

Experiment Guide contains all of the information needed to build all five projects, encompassing 16 circuits, in the latest version of the kit, v4.1.

REVIEWERS ★ ★ ★ ★ ☆ 1

★★★★☆ 4 out of 5

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|--------|-------------|---|
| 5 star | <div></div> | 0 |
| 4 star | <div></div> | 1 |
| 3 star | <div></div> | 0 |
| 2 star | <div></div> | 0 |
| 1 star | <div></div> | 0 |

★★★★☆ Broke on first use; but replacement hasn't

Worked great at first; love the USB Micro plug and improved distance sensor. But the first time I plugged the battery pack in (for the autonomous rover) the receptacle snapped off the board taking a few pieces of the board with it. I didn't feel like I was applying an excessive amount of force. Maybe I just got a bad board or something, but I won't be ordering any more of these things for a while.

 CF replied on September 11, 2019:

Sorry to hear that happened! It does sound like you received a board with a bad connector on it. Please contact our [customer service department](#) for help.



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