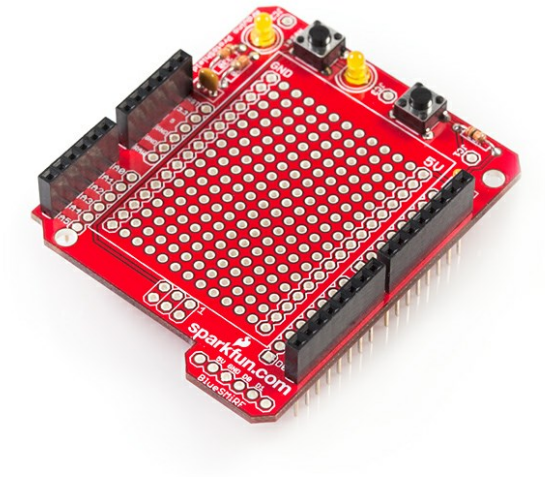






SparkFun ProtoShield Kit

DEV-07914 ROHS

11

DESCRIPTION INCLUDES FEATURES DOCUMENTS

- All Arduino pins are brought to the top level
- 5V, GND, and Vin pins are exposed as well
- BlueSMiRF socket for wireless communication between Arduinos
- 2 general use LEDs
- 1 general use button
- Reset button brought to top level

Tags

ARDUINO START A PROJECT

SparkFun ProtoShield Kit Product Help and Resources

hackster.io SKILLS NEEDED

My motorbike Telemetry

DAVIDE LONGO

Telemetry system of my Ducati Monster based on Arduino, UWP, Azure features and Machine Learning. Enterprise IoT Cloud Solution.

The composting friend

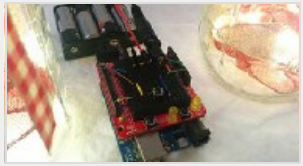
BENJAMIN DECOENE

Our goal is to make composting easier to use and to maintain.

Methane Detection System

COLIN MILLER

Multiple discrete VOC sensors send alerts over 802.15.4 to gateway which sends SMS to phone



Programmable Christmas Mason Jar Lights

KATIE KRISTOFF

Use an Arduino Uno to adjust the brightness of your Christmas mason jar lights, including candle light mode!

COMMENTS 76 REVIEWS 11

Customer Reviews

3.9 out of 5

Based on 11 ratings:

5 star	3
4 star	5
3 star	2
2 star	1
1 star	0

Currently viewing all customer reviews.

1 of **1** found this helpful:

Pretty Solid Product.

about 3 years ago by jjdaybr ✔ verified purchaser

Soldering was easy. Component layout was clear. Fit perfect for the Arduino Uno.

3 of **3** found this helpful:

Does the job and more

about 3 years ago by Member #207030 ✔ verified purchaser

A complete kit (minus an ICSP header, but that is disclosed). My only word of caution is that the terminals on the auxiliary switch can be incredibly close to the USB plug; these are the switched side of the terminals rather than the grounded side. A little tape over the USB connector provides an appropriate level of safety.

1 of **1** found this helpful:

top notch

about 2 years ago by Member #310260 ✔ verified purchaser

The quality of this board is superb. I've re-soldered a few connections many times now, and the PTH is still solid. For the things I am prototyping, this board has the perfect layout and a great set of features.

1 of **1** found this helpful:

Great stuff!

about 2 years ago by Member #755315 ✔ verified purchaser

This shield goes together very easily, and the instructions (in the link on the product page) were very easy to understand and fast to follow. I added the small bread board to the top and everything is in one place and clean. Price is great, shipping was great, the product is great. I'll more than likely get at least one more very soon.

1 of **1** found this helpful:

It's a protoshield, but it's not a prototype

about 2 years ago by KableClear ✔ verified purchaser

Kit arrived with everything, assembly was really easy even without looking at the tutorial or at a completed unit.

My two complains, the soldering rings are relatively small (makes it challenging with a large wedge tip) and compared to an Arduino shield the pin headers are SUPER thin, I bend them every time I pull them out of the Arduino board.. I made a breakout board for a LCD/GPS unit, it turned out nicely!

5 of **7** found this helpful:

Not the right size; good component

about 3 years ago by Member #666870 ✔ verified purchaser

So I'm no pro at designing with Arduino's or anything so maybe my opinion is weighed less. Anyways, I found the soldering easy (I'm a beginner at it) and I received the board fairly quick. Once I finished soldering my pieces I discovered that the shield does not fit the Arduino R3, or at least it does not compensate for the extra pins (i.e. SDA, SCL). I really needed it to cover all pins, because two of the pins left out - those pins being SDA and SCL - I actually need for my project. Overall, good piece of equipment, but I needed the description to state something about the fact that it does not accommodate for all of the R3 pins.

1 of 2 found this helpful:

★★★★☆ Improvement required

about 3 years ago by Member #385398 ✔ verified purchaser

The board is small for the amount of components I have to add to the Arduino to complete the circuit (27 total). I epoxied another board to it to fit the components I could not get on the ProtoShield. If a larger board were available I would have ordered it to begin with since I knew that I would be adding substantial additional components to make the system work.

I have a second project in mind that will also require added board space.

I hope that this suggestion is taken seriously and a larger board is soon available.

★★★★★ Goodie

about 2 years ago by Fezder ✔ verified purchaser

Handy prototyping kit with all bits'n pieces. Can't find shield fulfilling your needs? Build it!

★★★★☆ Nice protoboard

about 2 years ago by Member #691777 ✔ verified purchaser

Well built and designed I've used this board for multiple projects with great success. My only issue is with the BlueSMiRF header. Having the Bluetooth communication connected to D0 and D1 causes issues if you want use both Bluetooth and Serial communications separately (I use serial as a debug port, Bluetooth for application communication to a tablet for instance). Having Bluetooth on pins D2 and D3 would have been much more better and flexible for me (and not interfere with downloading programs too).

★★★☆☆ Ok

last year by Member #795044 ✔ verified purchaser

The prongs on the headers are flimsy, the LED's were too big and shipping was slow.

---

0 of 1 found this helpful:

★★☆☆☆ Bad Solder Pads

about 3 years ago by Member #698998 ✔ verified purchaser

The solder pads are so small that when soldering it melts the PCB.

> Single T replied on August 7, 2015:
>
> Sorry, solder skills vary from person to person. Also, the soldering iron you use can make a big difference in the effort it takes to solder and the success you find. There should be no problems with the pads or PCBs when properly soldered.
