

Arduino ProtoShield - Bare PCB

DEV-11665 ROHS ✓ ✱

★★★★☆ 10

DESCRIPTION

DOCUMENTS

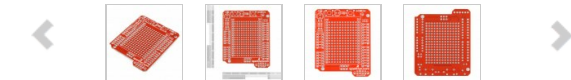
By popular request, we're selling the always-handly ProtoShield PCB on its own! Originally spawned with collaboration between the folks at [SFE](#) and [ITP @ NYU](#), the ProtoShield mates with an Arduino development board and gives the user a small soldering area, two general LED footprints, access to a BlueSMiRF socket, a general pushbutton switch footprint, and most important of all - the Arduino reset switch is brought to the top level.

Now you don't need to buy the whole ProtoShield kit if you just need a piece of prototyping board that will fit on top of your Arduino. You might want to grab a stackable header kit, though, which you can find in the related items below.

Note: Though this board is compatible with the Arduino R3 it does not possess the additional pins that the R3 offers. Make sure you pick your headers accordingly.

Tags

ARDUINO



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Arduino ProtoShield - Bare PCB Product Help and Resources

SKILLS NEEDED

Core Skill: Soldering

This skill defines how difficult the soldering is on a particular product. It might be a couple simple solder joints, or require special reflow tools.



Skill Level: Rookie - The number of pins increases, and you will have to determine polarity of components and some of the components might be a bit trickier or close together. You might need solder wick or flux.

[See all skill levels](#)

Core Skill: Electrical Prototyping

If it requires power, you need to know how much, what all the pins do, and how to hook it up. You may need to reference datasheets, schematics, and know the ins and outs of electronics.



Skill Level: Rookie - You may be required to know a bit more about the component, such as orientation, or how to hook it up, in addition to power requirements. You will need to understand polarized components.

[See all skill levels](#)

COMMENTS 9

REVIEWS ★★★★★ 10

Customer Reviews

★★★★☆ 4.5 out of 5

Based on 10 ratings:

5 star	<div><div></div><div></div><div></div><div></div><div></div></div>	6
4 star	<div><div></div><div></div><div></div><div></div><div></div></div>	3
3 star	<div><div></div><div></div><div></div><div></div><div></div></div>	1
2 star	<div><div></div><div></div><div></div><div></div><div></div></div>	0
1 star	<div><div></div><div></div><div></div><div></div><div></div></div>	0

Currently viewing all customer reviews.

2 of 2 found this helpful:

★★★★★ The most versatile shield for Arduino!

about 3 years ago by **The Doctor Doge** ✓ verified purchaser

Normal protoshields, the kind you buy at Radioshack, are generally too expensive to solder things to and/or buy a lot of. With these, you get as much functionality for a small package. I would highly recommend these for ease of use when designing custom shields. I cant remember how many of these i've used, but it is a *lot*!

1 of 1 found this helpful:

★★★★★ Quick and easy attiny shield

about 3 years ago by **Member #612744** ✓ verified purchaser

Got this to make an attiny programming shield, works very well and don't have to worry about pin alignment

1 of 1 found this helpful:

★★★★☆ Great base for projects...

about 3 years ago by **Member #129150** ✓ verified purchaser

I don't know why Sparkfun ignores the ICP/SPI headers. The Adafruit boards and kits all come with stacking headers for it.

2 of 2 found this helpful:

★★★★★ Exactly what I was looking for

about 2 years ago by **N0BOX** ✓ verified purchaser

When I went looking for a plain protoshield for an Arduino, I quickly found the 0.15" error between the headers on one side. Unfortunately, I wasn't able to find a single "plain ol' board" protoshield anywhere until I came here. Everyone else sells the protoshield as a kit with a bunch of LEDs, capacitors, and buttons that I already have a pile of in my electronic parts bin, and they end up charging more than what this board sells for.

This was all I needed, which is what made it the perfect purchase. I really hope Sparkfun continues to sell the bare board in the future!

★★★★★ Protoshield

about 2 years ago by **Fezder** ✓ verified purchaser

Only thing that bothers is that some pins can't be used with R3, but most necessary, but that's small issue. Good build quality

★★★★☆ Arduino Proto Shield not really clever

about 11 months ago by **Member #913666** ✓ verified purchaser

Two holes missing compared to real board so will not fit in box

★★★★★ Fantastic prototyping shield.

about 7 months ago by **MoviesColin** ✓ verified purchaser

Great little bare shield for prototyping whatever project you have. Simple to use and solder onto, and great to have stackability.



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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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