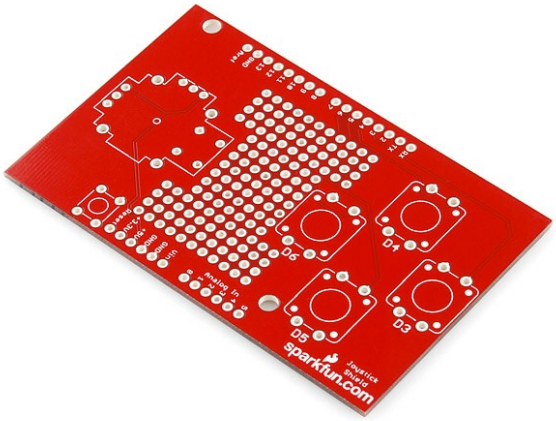





SHARE

Previous Versions

SparkFun Joystick Shield - Bare PCB

DEV-09824 ROHS ✔

★★★★☆ 1

DESCRIPTION DOCUMENTS

The Joystick Shield sits on top of your Arduino and turns it into a simple controller. Five momentary push buttons (4+ joystick select button) and a two-axis thumb joystick gives your Arduino functionality on the level of old Nintendo controllers.

The momentary push buttons are connected to Arduino digital pins 2-6; when pressed they will pull the pin low. Vertical movement of the joystick will produce a proportional analog voltage on analog pin 0, likewise, horizontal movement of the joystick can be tracked on analog pin 1.

This product is only the Joystick Shield PCB - you'll need to purchase the buttons and joystick separately, and assemble the controller yourself. Here's what you'll need in addition to the shield:

- 4x Momentary Push Button Switch - 12mm Square
- 1x Thumb Joystick
- 1x Mini Push Button Switch (breaks out Arduino's reset switch)
- 2x 6-pin Arduino Stackable Header
- 2x 8-pin Arduino Stackable Header

SparkFun Joystick Shield - 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

COMMENTS 8 REVIEWS ★★★★☆ 1

Customer Reviews

★★★★☆ 4 out of 5

Based on 1 ratings:

5 star		0
4 star		1
3 star		0

2 star 0

1 star 0

Currently viewing all customer reviews.

★★★★☆ Well Made PCB

last year by Member #872134 ✔ verified purchaser

No complaints

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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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