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SPARKFUN MICROB USB BREAKOUT

SparkFun microB USB Breakout

BCB-12035 R0M5

★★★★★ 10

DESCRIPTION

FEATURES

DOCUMENTS

This simple board breaks out a micro-B USB connector's VCC, GND, ID, D-, and D+ pins to a 0.1" pitch header. If you want to add the popular micro-B USB to your project, but don't want to put up with soldering the tiny connector, this is the board for you.

Images are CC-BY 1.0

Previous Versions

SparkFun microB USB Breakout 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: Noob

- Some basic soldering is required, but it is limited to a just a few pins, basic through-hole soldering, and couple (if any) polarized components. A basic soldering iron is all you should need.

See all skill levels

COMMENTS

REVIEWS

10

Customer Reviews

★★★★★ 4.8 out of 5

Based on 10 ratings:

5 star

9

4 star

0

3 star

1

2 star

0

1 star

0

Currently viewing all customer reviews.

2 of 2 found this helpful:

★★★★☆ Wired wrong

about 2 years ago by Member #740099

3 of the 5 had the +5v on the D+ connector instead of the VCC. Make sure you have a multimeter handy.

★★★★★ Great quality product

about 3 years ago by Member #636908

I've used for modification of a flysky TX9X station with firmware erik . I have simplified the connections to the fullest. The product is indicated for the project

★★★★★ Great for cable testing!

about 3 years ago by Member #682364

I use this for micro-usb cable testing. Plug a loop-back USB-A socket on the far end, and ring out with a DVOM on these solder pads. Good&short cables are only +0.2ohm on the power loop, poor cables can be +1. Also can check data connectivity and ID ohms.

I'd like to have one of these for the Apple Lightening, even though some pins are though active.

★★★★★ Excellent Breakout! Great for Prototyping!

about 2 years ago by Kaeon

These are excellent 0.1" spacing breakouts for micro USB-B. I keep a dozen of these near my works station while prototyping for quick plug-and-play action!

★★★★★ Sure makes adding a microB USB easy!

about 2 years ago by Member #711412

I have struggled soldering to a microB USB and then found it impossible to get it securely fastened to a PC board. This solves those issues. ... I did add some epoxy around the connector to make it even more secure to the board... Thanks SparkFun..... great product.

★★★★★ No complaints!

about 2 years ago by Member #714271

Board worked as expected. A little big, but that just makes it easier to solder to.

★★★★★ It is a good product.

about 2 years ago by Member #718793

It is well made, durable, and perfect for prototype work.

★★★★★ Instant 5v Power For Breadboard, Small Footprint

about 3 years ago by BobCochran

I use this to give myself quick 5v power to my breadboard, using a wall wart adapter and a cable. The breakout board has a small footprint. With just plug it in and there is my power. If you use standard 0.1" pin headers, you might want to place a small pad of something nonconductive like cardboard under the microB connector area, so that the board will not wiggle or move when you connect and disconnect a cable. Something to thicken the board a bit in that area and give me a sense that the board is stable and won't somehow come undone. I am sure the board will become even more convenient when I want to work with USB signals, but for now all I care about are the VCC and GND (power) connections. I will order a few more of these very handy boards.

★★★★★ Exactly as advertised.

about 2 years ago by Member #106322

If you need a micro USB port for your project, but don't feel like soldering tiny components, then this is just what the doctor ordered.

I'll be buying more in the future.

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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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