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microSD Socket for Transflash

PRT-00127 ROHS

★★★★☆ 1

DESCRIPTION

Do you need *a lot* of space? But you need it in the size of your pinky nail? microSD (uSD) is here to save the day. TransFlash has now completed standards certification and is now known as microSD. Compatible with the SPI interface found on any SD card, this tiny form factor was created for cell phone storage and is perfect for your next MP3 project! This is a high quality push-push type SMD socket.

A breakout board is available below.

Note: The default detect state of this socket is detect pin to ground.

Resources:

- microSD Specification
- Adding SD to a Router - Thanks Jake! Eagle Layout as well!
- MMC to Serial Adapter
- PIC MMC Interface Project
- Example MMC Interface Code

Datasheets:

- Datasheet
- Eagle Files for Breakout Board (has footprint!)

microSD Socket for Transflash 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: Competent - You will encounter surface mount components and basic SMD soldering techniques are required.
[See all skill levels](#)

COMMENTS 27

REVIEWS ★★★★★ 1

Customer Reviews

★★★★☆ 3 out of 5

Based on 1 ratings:

5 star		0
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about 3 years ago by **Member #291848** verified purchaser

The pins are not perfectly flush with the ground. If you apply solder with a stencil, not all the pins may make a full connection due to a very thin layer of solder, which can be very frustrating.

If you apply solder paste with a syringe manually, you can get the right amount of solder needed.

But other than that, does what it is supposed to.



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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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