

LilyPad Reed Switch

DEV-13343

Product Overview

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For the most up-to-date information, visit www.mouser.com or the supplier's website.

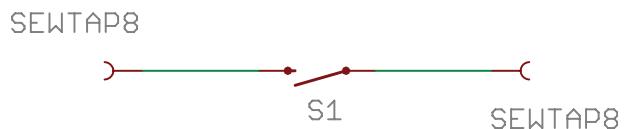
Description

SparkFun LilyPad Reed Switch is a simple breakout board for a reed switch that will make it easy to use in e-textiles circuits. The switch can be used exactly the same way that the LilyPad Button and Switch are used. The Reed Switch is insulated to make it more durable for wearable use. This means that the same glass switch is encased in black plastic, making it much more difficult to break, but it works in exactly the same manner.



A reed switch is a simple mechanical switch that is activated via a magnet. When the device is exposed to a magnetic field, the two ferrous materials (reeds) inside the switch pull together, and the switch closes. When the magnetic field is removed, the reeds separate, and the switch opens. This makes for a great non-contact switch that can carry up to 1A and 0.25A while switched.

Schematic



Mouser Part Number

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To learn more, visit <https://www.mouser.in/new/sparkfun/sparkfun-lilypad-reed-switch/>