

LilyPad RGB LED

DEV-13735

Blink any color you need! Use the LilyPad RGB LED board as a simple indicator, or by pulsing the red, green, and blue channels, you can produce a broad variety of colors. Each of the colors in the RGB LED are connected to one of the sew tabs on the board labeled R, G, and B.

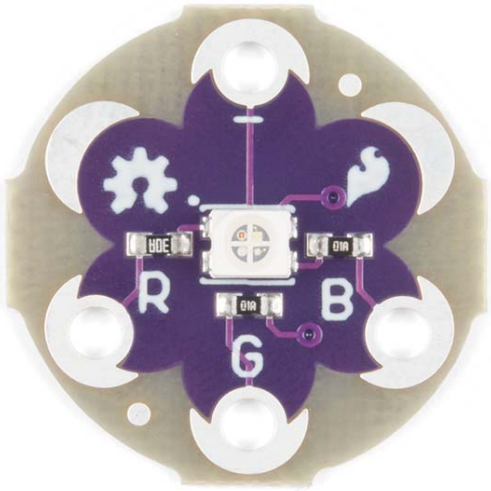
The color channels on this RGB LED are all connected through a common cathode (negative) pin. We have updated our design to this configuration so that the individual red, green, and blue LEDs now share a common ground tab. To light up each color individual LED, connect them each to a power source. For simple circuit hookups, this means you need to connect the R, G, or B sew tabs to power (+) and in code set them to HIGH (for digital output) or 255 (for analog output) to turn them on.

LilyPad is a wearable technology developed by Leah Buechley and cooperatively designed by Leah and SparkFun. Each LilyPad was creatively designed to have large connecting pads to allow them to be sewn into clothing. Various input, output, power, and sensor boards are available. They're even washable!

Note: A portion of this sale is given back to Dr. Leah Buechley for continued development and education of e-textiles.

FEATURES

- 20mm outer diameter
- Thin 0.8mm PCB









https://www.sparkfun.com/products/13735 /7-22-19