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LilyPad Pixel Board
DEV-13264 ROHS ✔

DESCRIPTION   FEATURES   DOCUMENTS

We know you love adding color to your e-textiles, adding the LilyPad Pixel Board to your project will only make it better. The pixel board is compatible with a WS2812B (or "NeoPixel") which is actually an RGB LED with a WS2811 built right into the LED! Several of these breakouts can be chained together to form a display or an addressable string.

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.

Tags

ADDRESSABLE   E-TEXTILE   LED   LILYPAD   NEOPIXEL   RGB   WEARABLE   WS2812   WS2812B

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Previous Versions

LilyPad Pixel Board Product Help and Resources

TUTORIALS   VIDEOS   SKILLS NEEDED

WS2812 Breakout Hookup Guide
JULY 24, 2013

How to create a pixel string with the WS2812!

LilyPad Pixel Board Hookup Guide
SEPTEMBER 16, 2015

Add changing colors to your wearable projects using LilyPad Pixel Boards.

Powering LilyPad LED Projects
DECEMBER 17, 2016

Learn how to calculate how many LEDs your LilyPad project can power and how long it will last.

COMMENTS 0   REVIEWS 0

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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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