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LilyTwinkle ProtoSnap

DEV-11590 ROHS

★★★★★

DESCRIPTION INCLUDES DOCUMENTS

The ProtoSnap series is a new way to prototype your project without a breadboard. Everything is wired together on a single board, which makes it easy to explore the possibilities of the components before snapping them apart and building them into your project.

The ProtoSnap LilyTwinkle board is a very simple way to jump right into e-textiles. By including the LilyTwinkle, a coin cell battery holder (with built-in switch), and four white LEDs the ProtoSnap LilyTwinkle board easily allows you to add some sparkle to any project. To make your e-textile experience all the more enjoyable we have added a needle set and 30 feet of conductive thread!

Note: A portion of this sale is given back to Dr. Leah Buechley for continued development and education of e-textiles and also to Arduino LLC to help fund continued development of new tools and new IDE features.

GET STARTED WITH THE LILYPAD LILYTWINKLE GUIDE

Tags

E-TEXTILE LILYPAD PROTOSNAP SEW WEARABLE

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Twinkling Trick or Treat Bag
OCTOBER 2, 2014

Make a light up goodie bag with conductive thread, LEDs, and the LilyTwinkle!



Light Up Pennant with E-Textiles
SEPTEMBER 17, 2015

Show your school spirit, geek pride, or fandom with a light up pennant using the LilyTwinkle or LilyPad Arduino.



Getting Started with LilyPad
OCTOBER 27, 2017

An introduction to the LilyPad ecosystem - a set of sewable electronic pieces designed to help you build soft, sewable, interactive e-textile projects.

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Customer Reviews

★★★★★ 5 out of 5

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★★★★★ Amaze-balls

about 3 years ago by MarmotXing ✓ verified purchaser

Yeah, it's pretty radical. I used this to add blinking lights to a winter hat for my daughter as a first e-textiles project, and it was seamless. The battery lasted several hours (an entire "Zoo Lights" trip at the Denver Zoo) with 8 leds hooked up (4 white and 4 blue). The pattern is subtle, sometimes, not terribly fast, and dozens of people did a "double-take" and stopped to ask me about it. It's also not terribly difficult to reprogram using an Arduino Uno (or Red Board, or USBTiny ISP, etc.), so you can definitely get a lot of miles out of the ATtiny85 on board. Purple is best.

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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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