Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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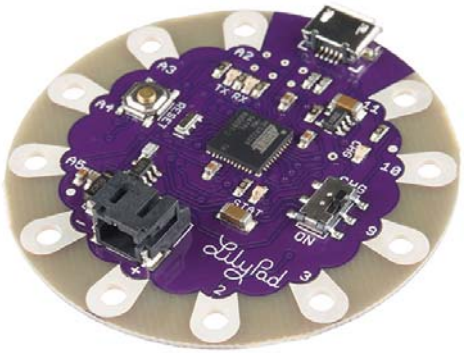
sparkfun

LilyPad Arduino USB - ATmega32U4 Board

DEV-12049 ROHS

★★★★½ 2



Description: The LilyPad Simple just got a whole lot… simpler. We've updated the Simple board to create the LilyPad USB by replacing the classic ATMega328 with the new ATMega32U4. Not only does that mean that it's running a variation of the latest and greatest bootloader, but it also means no more FTDI Basic! The only extra piece of hardware you need to program the LilyPad USB is a micro-USB cable, since the new IC has built-in USB support. The LilyPad USB is also officially supported in the Arduino IDE as of version 1.0.2!

Just like the LilyPad Simple, this board features a JST socket so you can directly connect a Li-Po battery for power and an on-board power switch so you can turn it off when you're not feeling particularly blinky. These boards were designed to streamline your next sewable project by keeping things simple and giving you more room to work while eliminating the need to sew a power supply. The LiPo battery is even rechargeable through the board, no more special external LiPo chargers required!

LilyPad is a wearable e-textile 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 and also to Arduino LLC to help fund continued development of new tools and new IDE features.

Dimensions:

- 50mm outer diameter
- Thin 0.8mm PCB