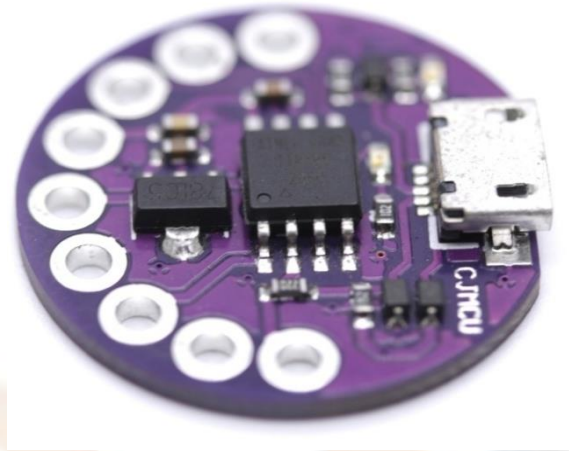


Arduino Lilypad Attiny85 Compatible



The LilyTiny is a tiny little LilyPad board designed to add flashy functionality to your project without taking up a lot of room. Even though it's as small as some of the LilyPad sensors, this board actually has an ATtiny microcontroller on it. Simply sew on 4 LEDs and connect a battery and the LEDs will each blink or fade differently. One will blink on and off, another will flash a heartbeat pattern, another will do a “breathing” fade and the other will do a random fade. LilyTiny is a quick and easy way to add twinkling lights to a project without any programming or a bulky Main Board. It's also a great educational tool for showing a range of functionality without having to get out the computers.

SPECIFICATIONS:

- Program Memory Type: Flash
- Program Memory (KB): 8
- CPU Speed (MIPS): 20
- Data EEPROM (bytes): 512
- Digital Communication Peripherals: 1-SPI, 1-I2C
- Capture/Compare/PWM Peripherals: 5
- Comparators: 1
- Temperature Range (C): -40 to 85
- Operating Voltage Range (V): 1.8 to 5.5
- Pin Count: 8
- Cap Touch Channels: 3

SCHEMATIC DIAGRAM:

