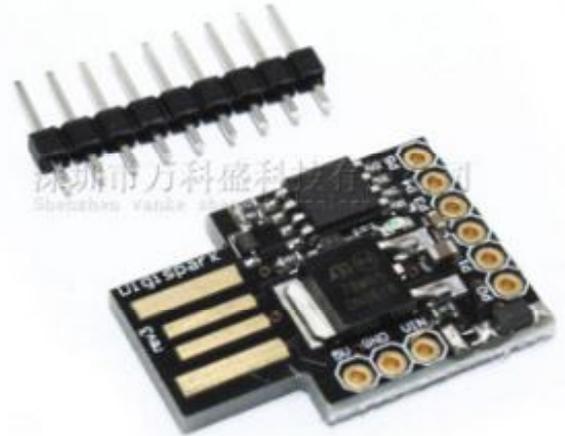# Shenzhen Global Technology Co., Ltd

ATTINY85 Digispark kickstarter micro usb development board

Model: ATTINY85

ATTINY85 micro usb development board

1. Support Arduino IDE 1.0+ (OSX/Win/Linux)
2. Can be powered by USB or 5v or 7-15v (automatic matching) extra power supply
3. There is a 500ma 5V regulator on the motherboard.
4.USB embedding (serial debugging)
5.6 I/O Pins (2 for USB support)
6.8k Flash Memory (about 6k after bootloader)
7. I2C and SPI (vis USI)
8. PWM on 3 pins (more possible with Software PWM)
9. ADC on 4 pins
10.Power LED and Test/Status LED (in Pin0)

Specifications：

Support for the IDE 1.0+ (OSX/Win/Linux)
Power via USB or External Source - 5v or 7-35v (automatic selection)
On-board 500ma 5V Regulator
Built-in USB (and serial debugging)
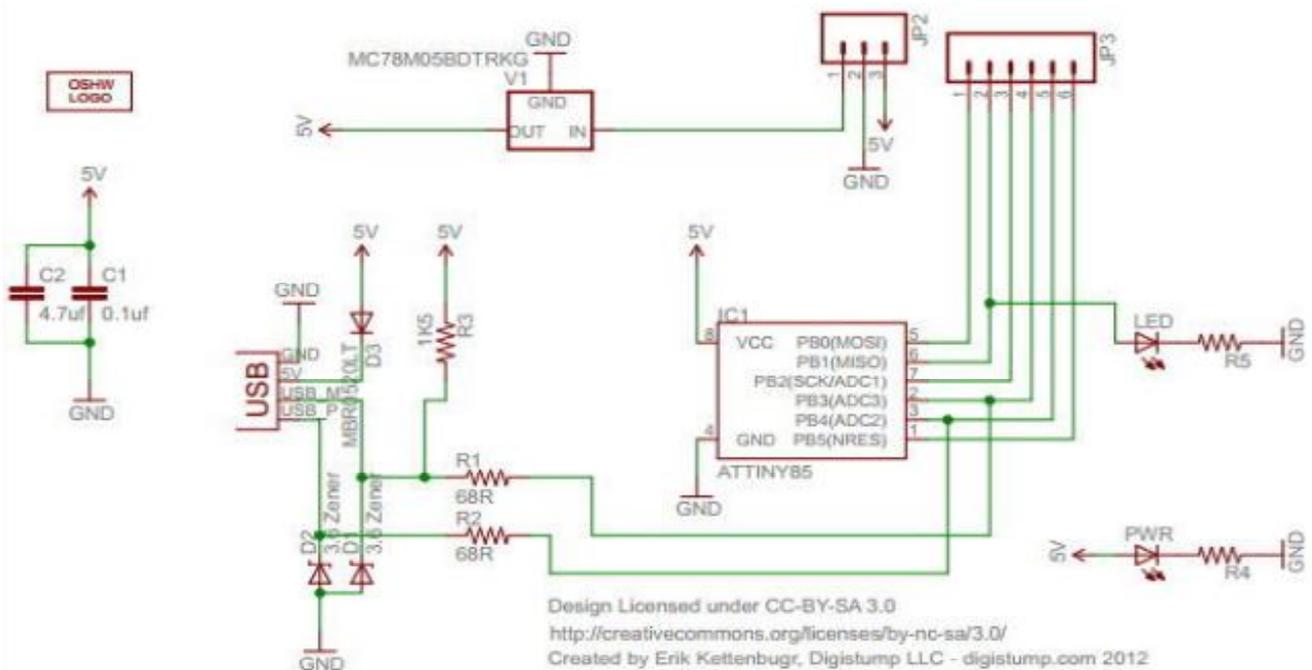6 I/O Pins (2 are used for USB)
8k Flash Memory (about 6k after bootloader)
I2C and SPI (vis USI)
PWM on 3 pins (more possible with Software PWM)
ADC on 4 pins
Power LED and Test/Status LED (on Pin0)

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Created by Erik Kettenbugr, Digistump LLC - digistump.com 2012
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Instructions on hpw to use see link:

https://www.instructables.com/id/Digispark-DIY-The-smallest-USB-Arduino/