

## OKY2023

**Product Name:**LilyPad USB ATmega32U4 Board Module Replace Atmega328p For Arduino

**Product Module:** OKY2023

### Product Description:

1.This module is a microcontroller board based on the ATmega32u4. It has 9 digital input/output pins (of which 4 can be used as PWM outputs and 4 as analog inputs), an 8 MHz resonator, a micro USB connection, a connector for a 3.7V LiPo battery, and a reset button. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or power it with a battery to get started.It differs from previous LilyPad boards in that the ATmega32u4 has built-in USB communication, eliminating the need for a separate USB-to-serial adapter.

2.Microcontroller ATmega32u4 Operating Voltage 3.3V Input Voltage 3.8V to 5V Digital I/O Pins 9 PWM Channels 4 Analog Input Channels 4 DC Current per I/O Pin 40 mA Flash Memory 32 KB (ATmega32u4) of which 4 KB used by bootloader SRAM 2.5 KB (ATmega32u4) EEPROM 1 KB (ATmega32u4) Clock Speed 8 MHz.

### Package Included

Packing List	Qty
ATmega32U4 Board Module replace atmega328p For Arduino	1