

# VERSION 1.4 RGB FLOWER ATMEGA32U4

#### EXP<sub>1</sub>

## 2.54mm 6 pin header

TX TX Serial
RX RX Serial
5V 5V
G Ground

SDA 12C Serial Data SCL 12C Serial Clock

#### EXP<sub>2</sub>

## 2.54mm 6 pin header

INT Interrupt
A5 Analog Pin 5
A4 Analog Pin 4
A3 Analog Pin 3
A2 Analog Pin 2
A1 Analog Pin 1

## **RGB**[1-3]

**GND** 

**GND** 

#### 2.54mm 3 pin header

5V 5V DIGITAL
DATA RGB1, RGB2, RGB3
RGB1 PWM PB6 Pin 10
RGB2 PWM PC6 Pin 5
RGB3 PWM PC7 Pin 13

Ground

### **SERVO [1-3]**

## 2.54mm 3 pin header

5V 5V DIGITAL
SERVO1 PWM PB5 Pin 9
SERVO2 PWM PD7 Pin 6
SERVO3 PWM PD6 Pin 12

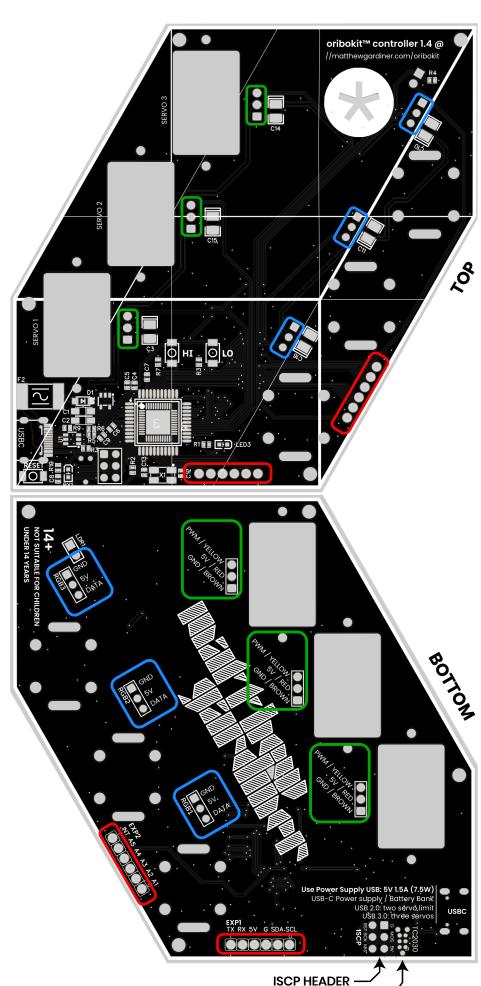
Ground

## **FUSE RATED AT 1.5 A**

#### **REVISION NOTES:**

ATMEGA32u4 Native USB

Added EXP 1 for Serial and I2C Added EXP2 for Analogue Sensors Added RGB 1–3 for PWM RGB LEDs



**TAG CONNECT**