oribokit™
Origami & Robotics kit

**VERSION 1.0
COLLECTORS EDITION**

STM32F103C8

EXPOSED PINS & FUNCTIONS

A6	PWM (3V), ADC/ANALOG
A7	PWM (3V), ADC/ANALOG
B0	PWM (3V), ADC/ANALOG
B1	PWM (3V), ADC/ANALOG
B3	DIGITAL (5V)
B6	PWM (5V), DIGITAL
B7	PWM (5V), DIGITAL
B8	PWM (5V), DIGITAL
B9	PWM (5V), DIGITAL

USED PINS

B4	> RUN MODE (SEE JUMPER NOTE)
HI	> B10 (5V DIGITAL)
LO	> B11 (5V DIGITAL)
SERVO1	> A10 (5V PWM & DIGITAL)
SERVO2	> A9 (5V PWM & DIGITAL)
SERVO3	> A8 (5V PWM & DIGITAL)
LDR	> A5 (3V ADC ANALOG)

STLINK

SWDIO	> A13
CLK	> A14
3V	
GND	

FUSE RATED AT 1.5 A

Remove Jumper to program in Arduino
Connect Jumper to Run

oribo-kit edition 1.0

Computer Connected USB
USB 2.0: two servo limit
USB 3.0: three servos
Power Supply USB: 5V 1.5A

SERVO 3
SERVO 2
SERVO 1

PWM
5V
GND

RESET