

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

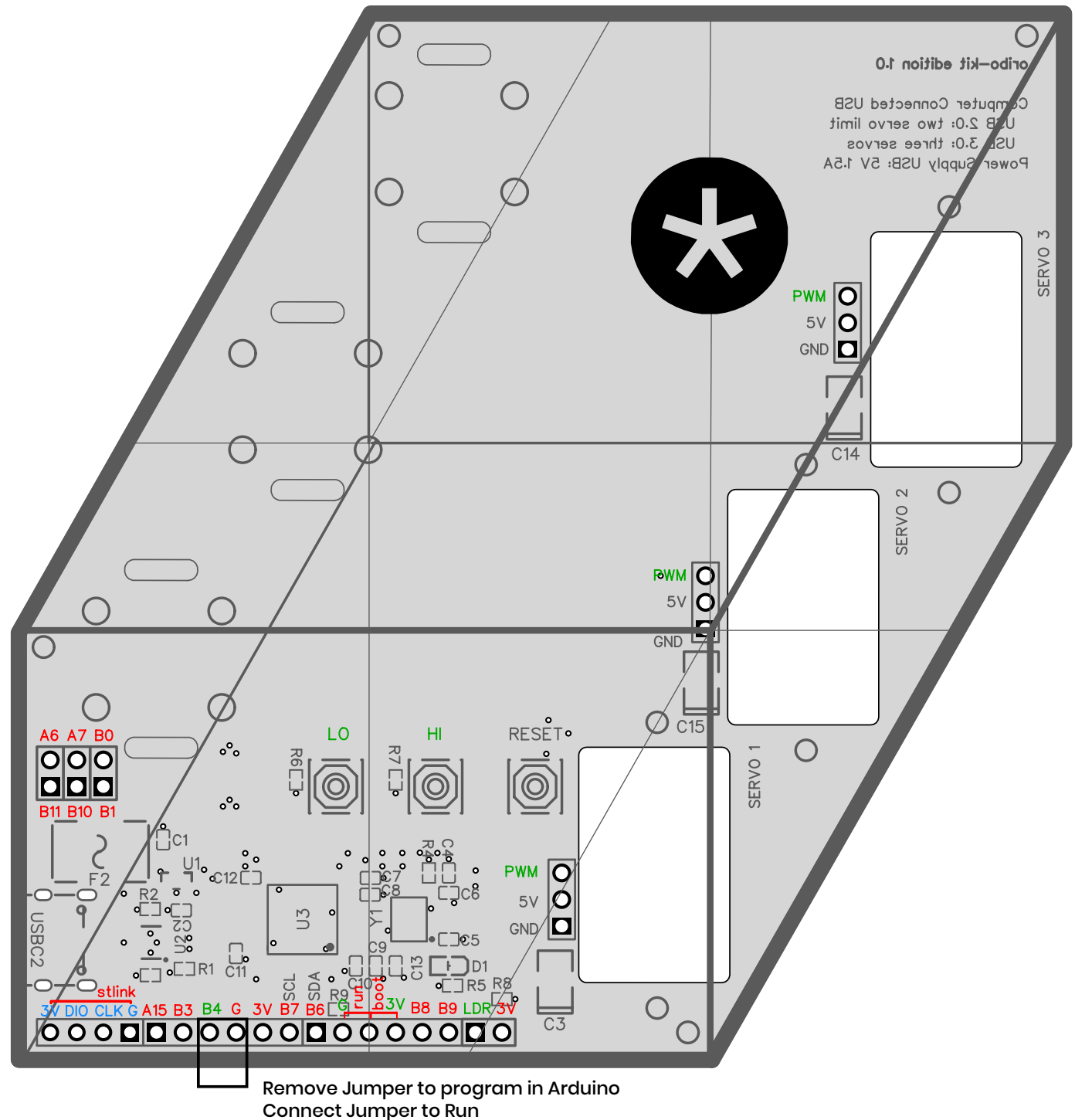
USED PINS

B4	> RUN MODE (SEE JUMPER NOTE)
HI	> A4 (5V DIGITAL)
LO	> A5 (5V DIGITAL)
SERVO1	> A8 (5V PWM & DIGITAL)
SERVO2	> A9 (5V PWM & DIGITAL)
SERVO3	> A10 (5V PWM & DIGITAL)
LDR	> A2 (3V ADC ANALOG)

STLINK

SWDIO	> A13
CLK	> A14
3V	
GND	

FUSE RATED AT 1.5 A



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Origami & Robotics kit

VERSION 1.1
ARS ELECTRONICA EDITION

STM32F103C8

EXPOSED PINS & FUNCTIONS

B1	PWM (3V), ADC/ANALOG
B0	PWM (3V), ADC/ANALOG
A7	PWM (3V), ADC/ANALOG
A6	PWM (3V), ADC/ANALOG
B8	PWM (5V), DIGITAL
B7	PWM (5V), DIGITAL
B6	PWM (5V), DIGITAL
B4	DIGITAL (5V)
B3	DIGITAL (5V)

USED PINS

BOOT1	> 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

BOTTOM OF BOARD

