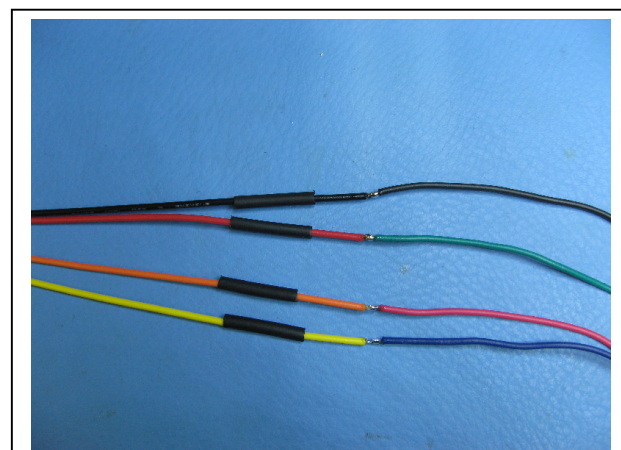
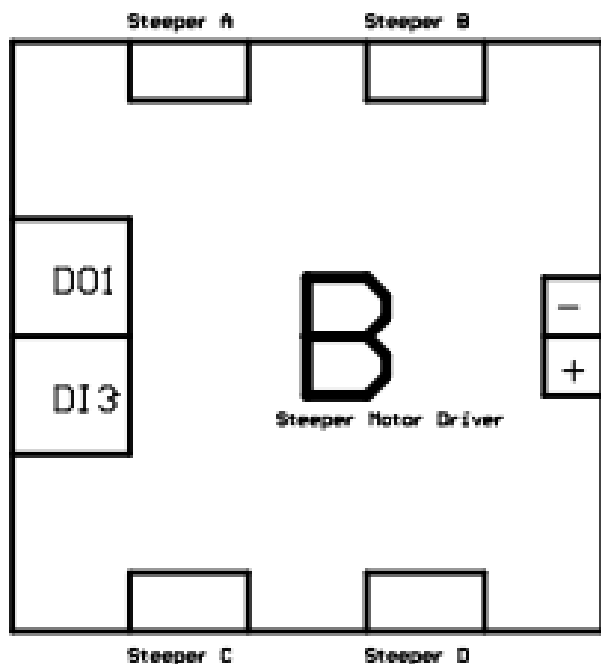
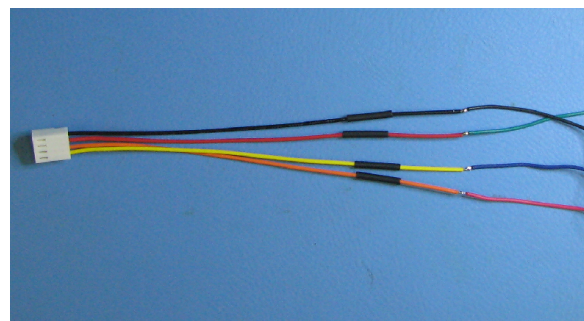


Stepper Motor Drivers



Stepper cable Wiring



Stepper	Pin	Description
A	30	Step
	31	Direction
B	32	Step
	33	Direction
C	34	Step
	35	Direction
D	36	Step
	37	Direction

The variable resistor need adjusting to set the current through the stepper motor. The Drivers get hot so it is recommended to blow air over them using the provided fan in you kit.

REF - REFERENCE VOLTAGE
(Current going through motor)

OSC - ROSC REFERENCE
30K trimpot mixed-decay mode Off-Time selection
(turn it fully counterclockwise for lowest vibrations and maximum accuracy)

VREF CALCULATION FORMULA:

$REF = L_{TripMax} * 8 * 0.1$

$L_{TripMax}$ - Trip current of your motor (A)

Example: $0.4A * 8 * 0.1 = 0.32V$