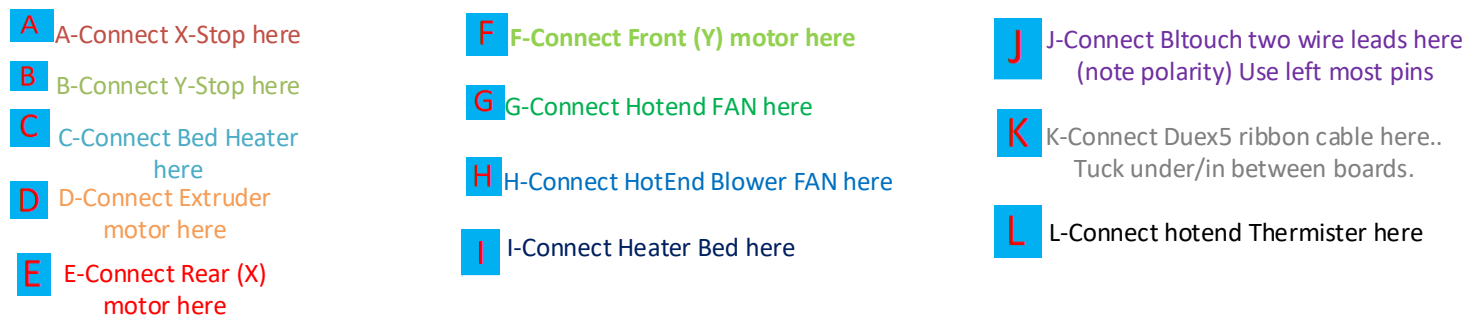
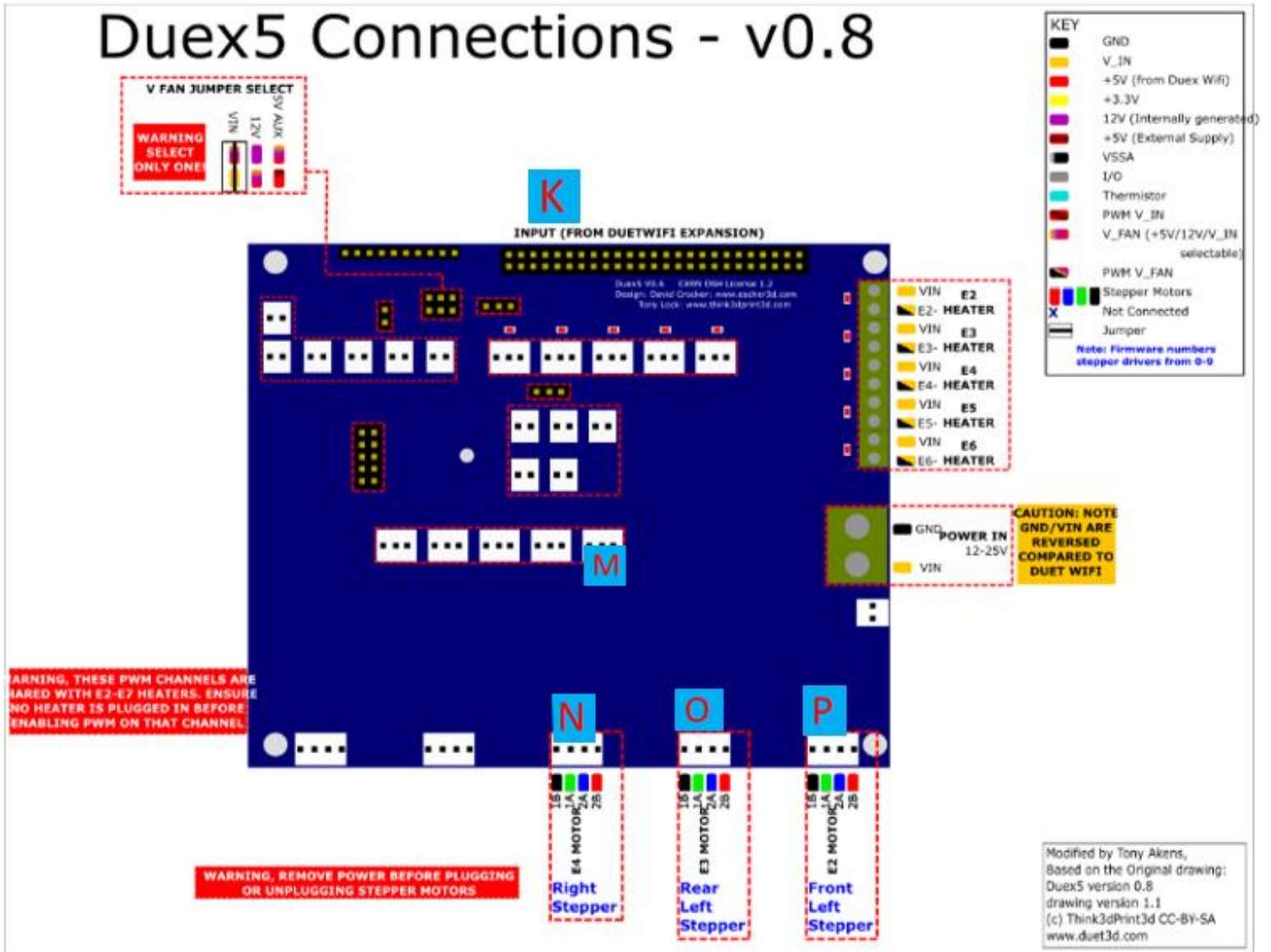


v1.0,v1.01,v1.02,v1.03



# Duex5 Connections - v0.8



**K** K-Connect Duex5 ribbon cable here.. Tuck under/in between boards.

**N** Z-Stepper motor (right side motor)

**O** Z-Stepper motor (Rear left motor)

**M** Three wire cable from Bltouch (brown on right side)

**P** Z-Stepper motor (Front left motor)

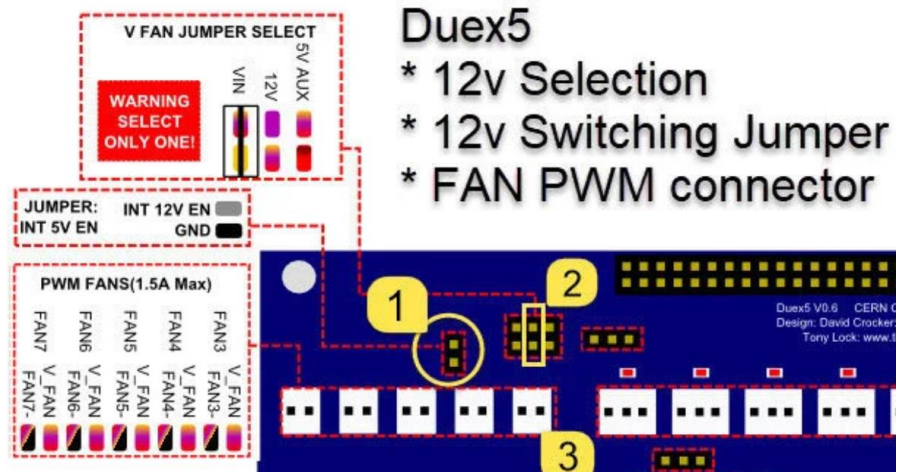
To enable 12v ports for use with 12v FANS, LED's:

12v-1

12v-2

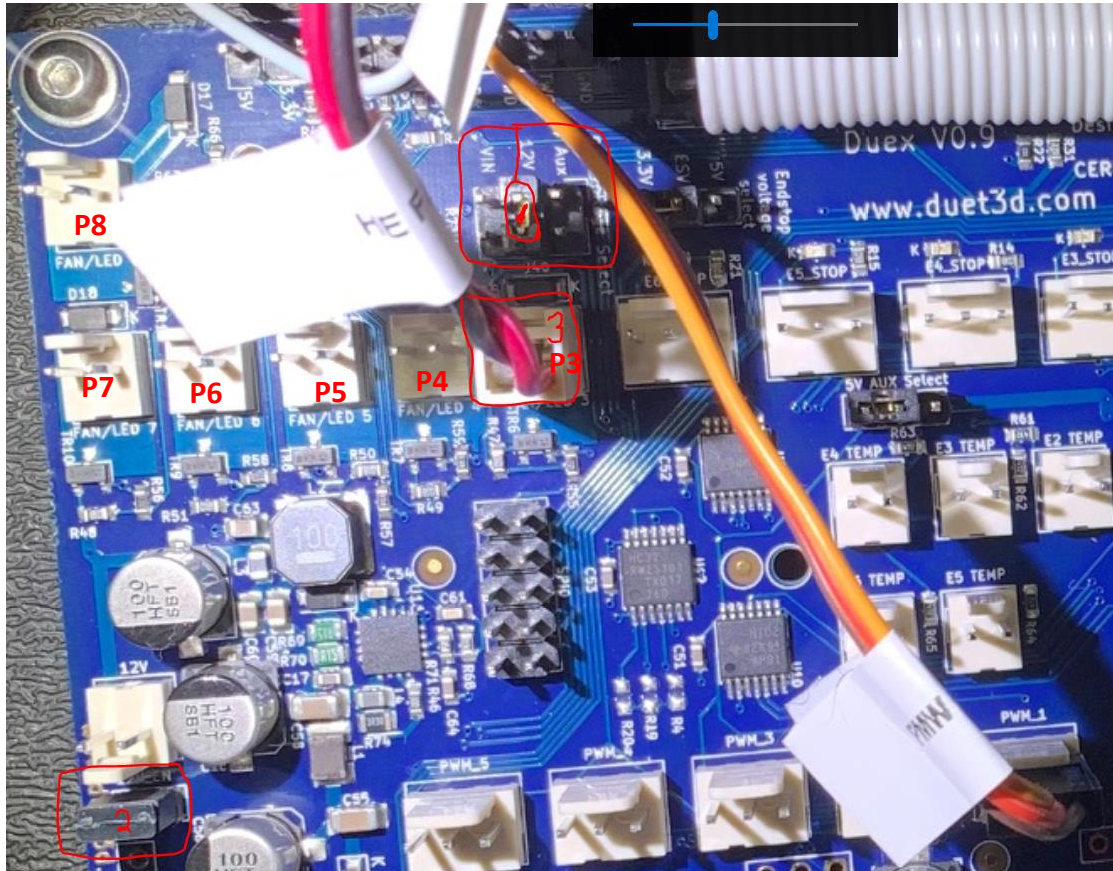
12v-3

Note: on the 0.9 version of Duet5, the 12v switch #1 may be on the left side further down the board. See next page for detailed picture and G-code command.





## 12v power steps needed for FANS and LED's



- 1- Set the jumper across 12v middle pins
- 2-Add jumper to 12v enablement pins
- 3-Plug in your FAN/LED and make note of the port number stenciled on the board.

You will need to supply the jumper for #2 in the above version of the board as there is no extra one provided.

Once the 12v pins have been enabled, use this Gcode:

**M106 Px Sy** Where x is the port number and y is a value 1-255. Some fans may need 255 to be Full ON. Use S0 to turn off. Some Fans and some LED's may tolerate less than full (1-255) Diming of LED's and less FAN power is definitely a 'Your Mileage May Vary'. Example g-code:

```
M106 P3 S255 ; turn port 3 full on.
```

```
M106 P3 S0 ; turn port 3 off.
```

; note: Using values between 0 and 255 may not necessarily work for your 12v item. Some items don't like partial voltage. Most LED's do respond well to partial power.