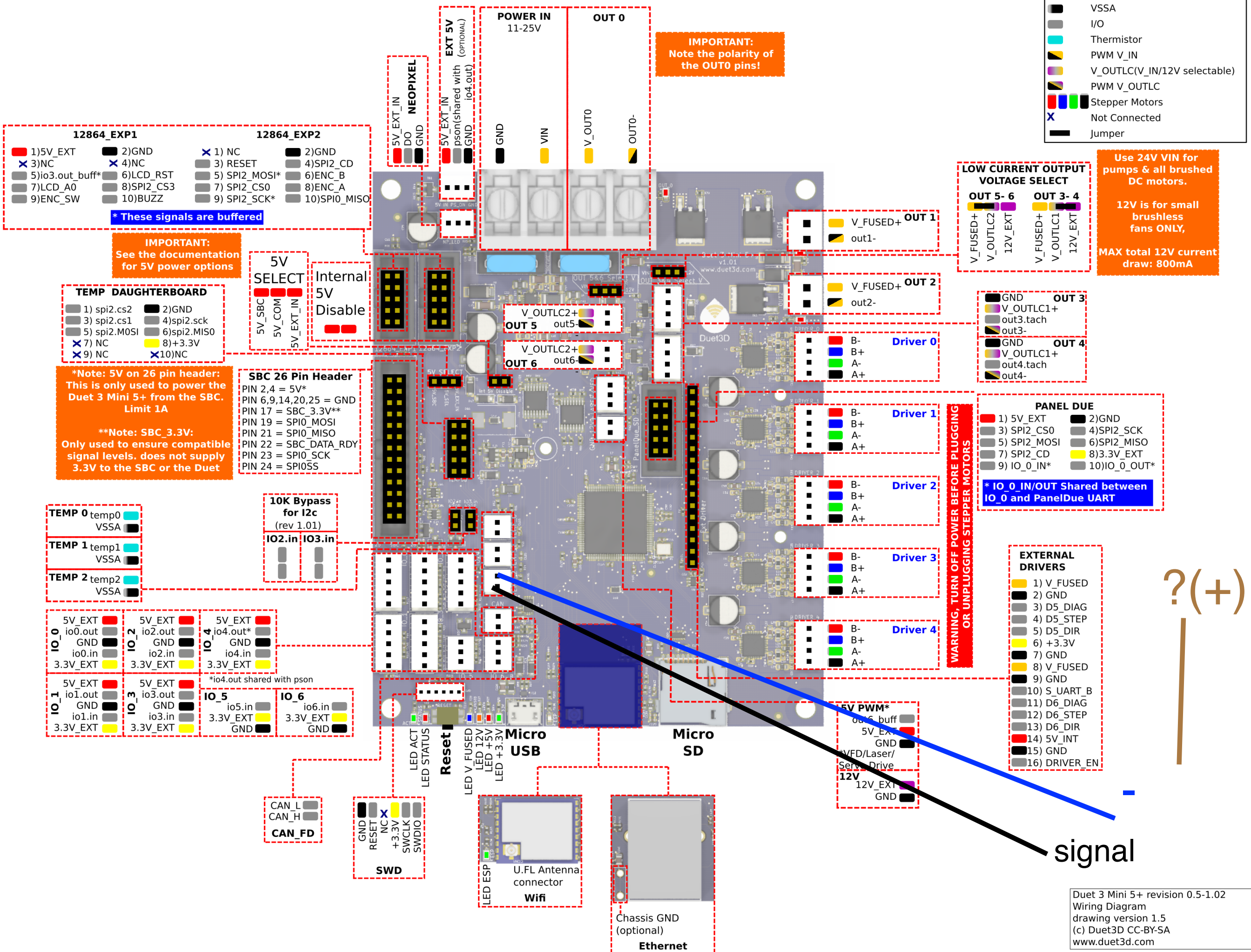


# Duet 3 Mini 5+ Wiring Diagram

## v0.5-v1.02

KEY	
	GND
	V_IN
	+12V
	+5V
	+3.3V
	VSSA
	I/O
	Thermistor
	PWM V_IN
	V_OUTLC(V_IN/12V selectable)
	PWM V_OUTLC
	Stepper Motors
	Not Connected
	Jumper



Drives + -

Drive	Driver	Endstop Pin
X	Driver ▾	io1.in (active-low, pull- ▾
Y	Driver ▾	io2.in (active-low, pull ▾
Z	Driver ▾	io3.in (active-low, pull ▾
E0	Driver ▾	
E1	Driver ▾	

Fan Mapping + -

Fan	Output
Fan 0	out3 ▾
Fan 1	out4 ▾

Heaters + -

Index	Type	Output	Sensor
0	Bed ▾	out0 ▾	temp0 ▾
1	Nozzle ▾	out1 ▾	temp1 ▾

Z-Probe

Pin	Assignment
Input Pin	temp2 (inverted) ▾
Modulation Pin	io3.out ▾
PWM Control Channel (BLTouch only)	(not assigned) ▾

```
38 ; Endstops
39 M574 X1 S1 P"!^io1.in" ; configure switch-type (e.g. microswitch) endstop for low end on X
40 M574 Y1 S1 P"!^io2.in" ; configure switch-type (e.g. microswitch) endstop for low end on Y
41 M574 Z1 S2 ; configure Z-probe endstop for low end on Z
42
43 ; Z-Probe
44 M558 P5 C"^!temp2" H3 F6000 T60000 ; set Z probe type to switch and the dive height + speeds
45 G31 P500 X-38 Y-5 Z1.5 ; set Z probe trigger value, offset and trigger height
46 M557 X20:480 Y20:480 S48 ; define mesh grid
47 M558 P5 C"io6.in" H5 F120 T3000 ; Z probe connected to io6 input
48
```