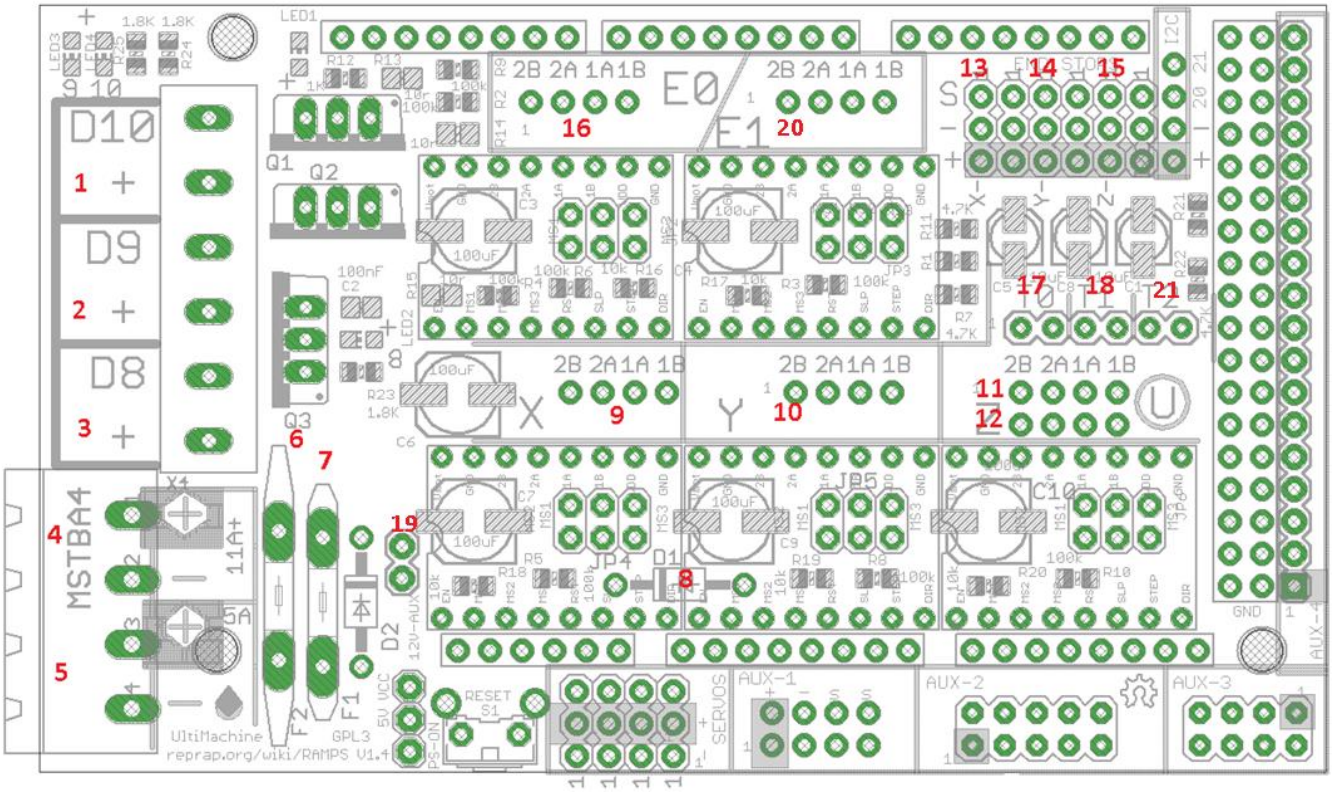
RAMPS WIRING



1 - Extruder Hotend +/-

2 - Part Fan +/- (Optional)

3 - Heated Bed +/- (Minimum 14 awg wire)

4 - 24v input +/- and power for the Extruder Fan +/-

5 - 24v input +/- (Power Supply)

6 - Fuse (Remove and replace with a 16awg bridge wire) convert to 24v

7 - Fuse (Remove and replace with a 16awg bridge wire – Optional) convert to 24v

8 - D1 (Remove) convert to 24v

9 - X Axis Motor (2B = black, 2A = Green, 1A= Red, 1B = Blue)

10 - Y Axis Motor (2B = black, 2A = Green, 1A= Red, 1B = Blue)

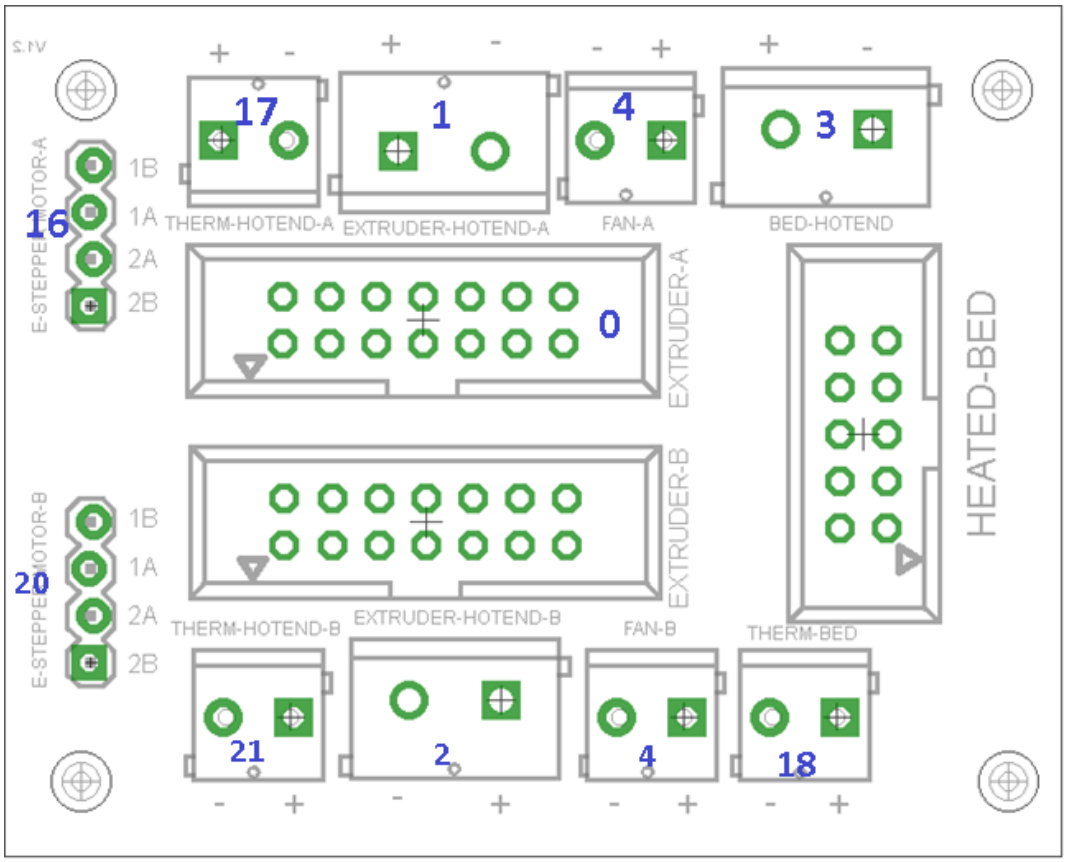
11 - Z Right Axis motor (2B = black, 2A = Green, 1A= Red, 1B = Blue)

12 - Z Left Axis motor (2B = black, 2A = Green, 1A= Red, 1B = Blue)

13 – End stop X axis (S and -)
14 – End stop Y axis (S and -)
15 – End stop Z axis (S and -)
16 – Extruder motor #1 (2B = black, 2A = Green, 1A= Red, 1B = Blue)
17 – Thermistor – Hotend #1
18 – Thermistor - Heated Bed
19 - 24v output (used for auto bed leveling)
20 – Extruder motor #2 (2B = black, 2A = Green, 1A= Red, 1B = Blue)
21 - Thermistor – Hotend #2

Notes: You will can wire #5 directly from the power supply and then jumper a wire from #5 to #4 or just connect directly your 24v power supply wires to both #5 and #4

BYEBYE WIRING



0 - Extruder plug to extruder PCB

1 - Extruder Hot +/-

3 - Heated Bed +/- (Minimum 14 wire)

4 - Extruder Fan +/-

16 - Extruder motor (2B = black, 2A = Green, 1A= Red, 1B = Blue)

17 – Thermistor – Hotend #1

18 – Thermistor – Heated Bed

19 - 24v output (used for auto bed leveling)

20 – Extruder motor #2 (2B = black, 2A = Green, 1A= Red, 1B = Blue)

21 - Thermistor – Hotend #2

Important FAN 2 on the Extruder PCB CANT BE USED ANYMORE. Please wire directly to RAMPS 2