1 - Extruder Hotend +/-
2 - Part Fan +/- (Optional)
3 - Heated Bed +/- (Minimum 14 awg wire)
4 - 24v input +/- and power for the Extruder Fan +/-(Power Supply)
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
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