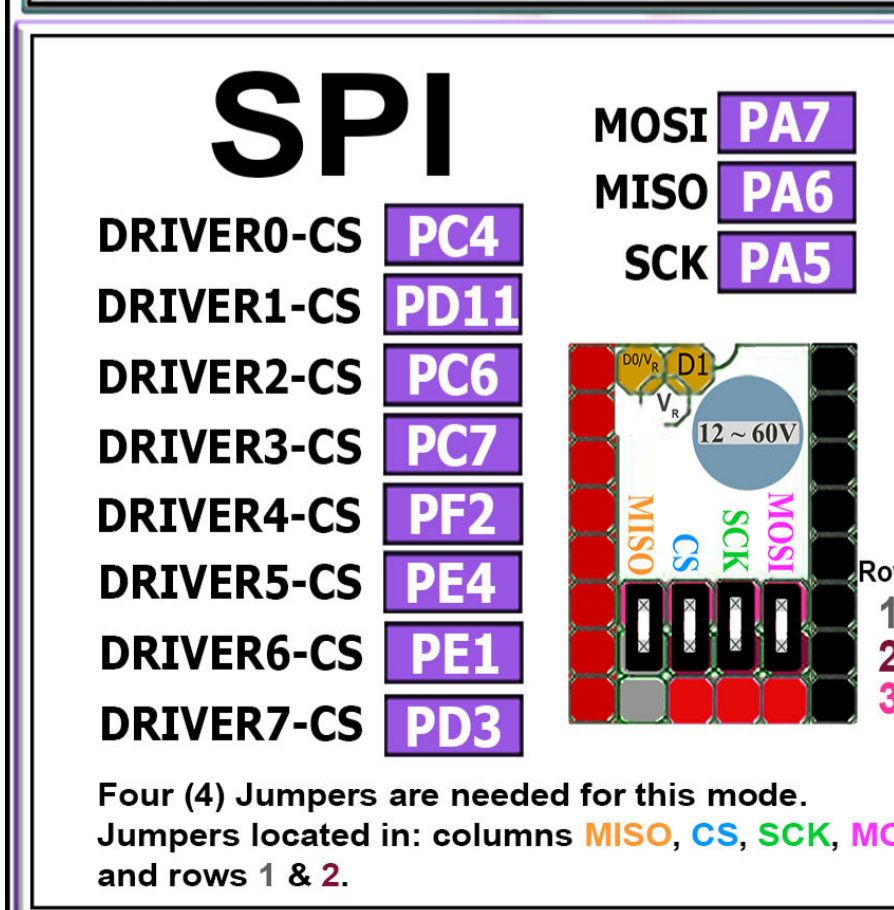
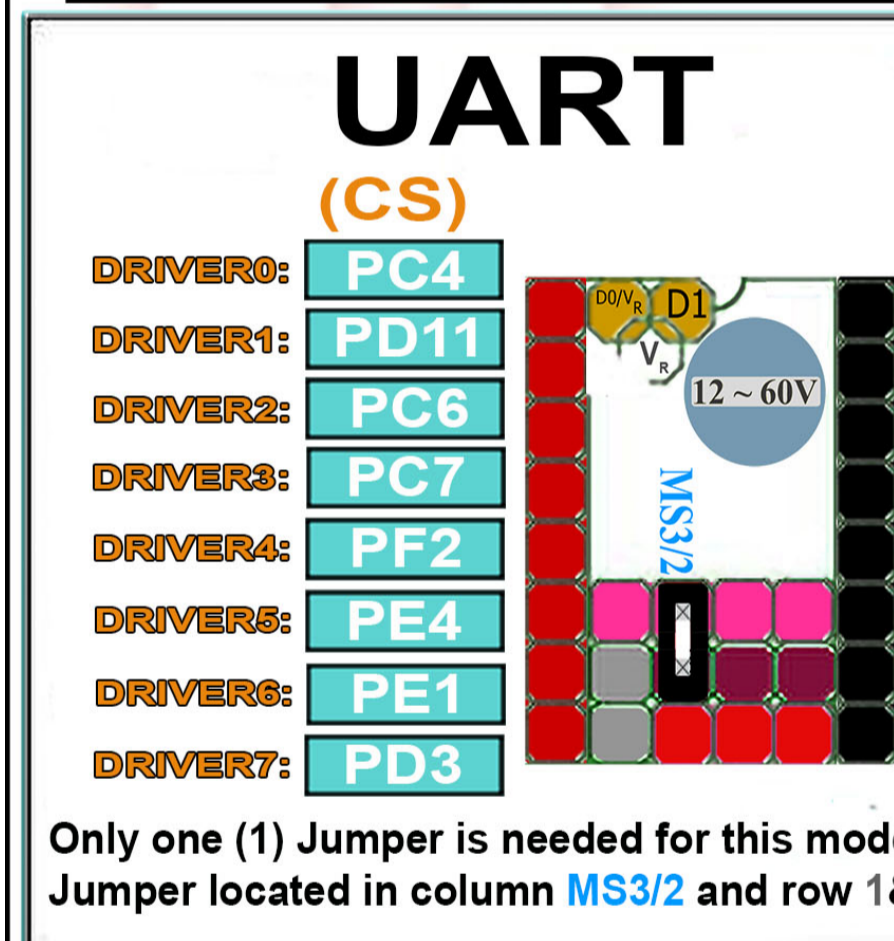


***3 Note if using PSU of 24V for "MB_POWER_IN":**

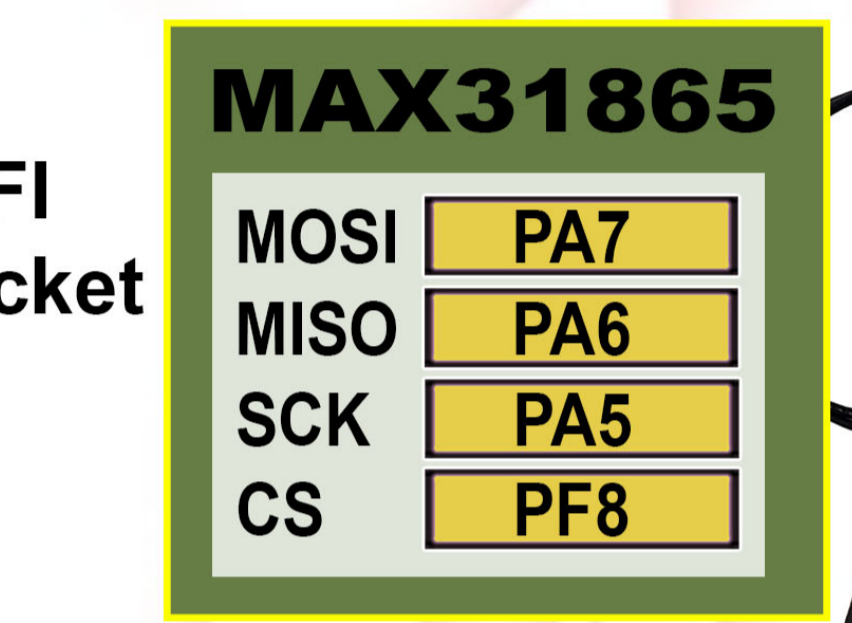
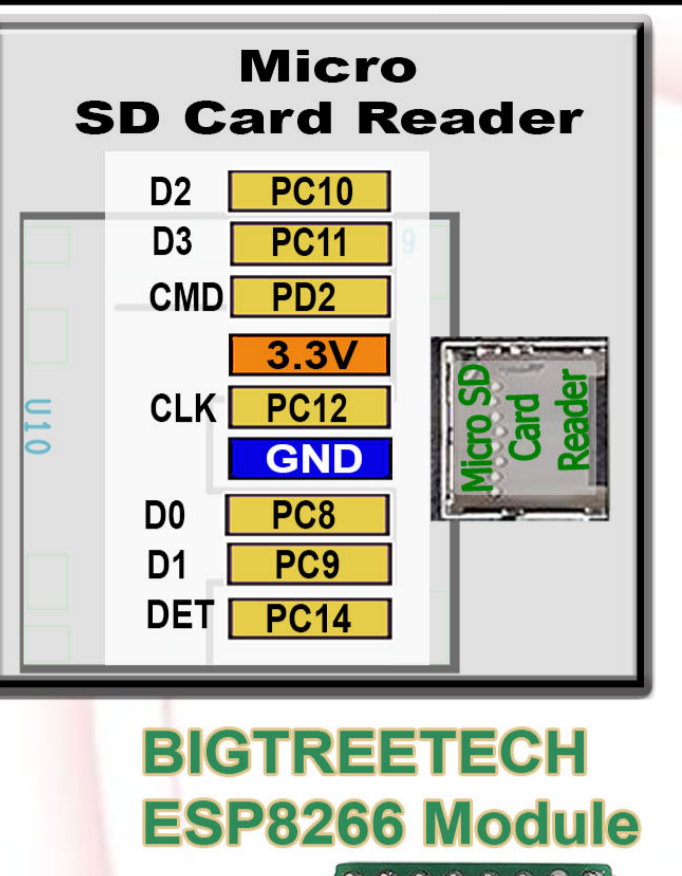
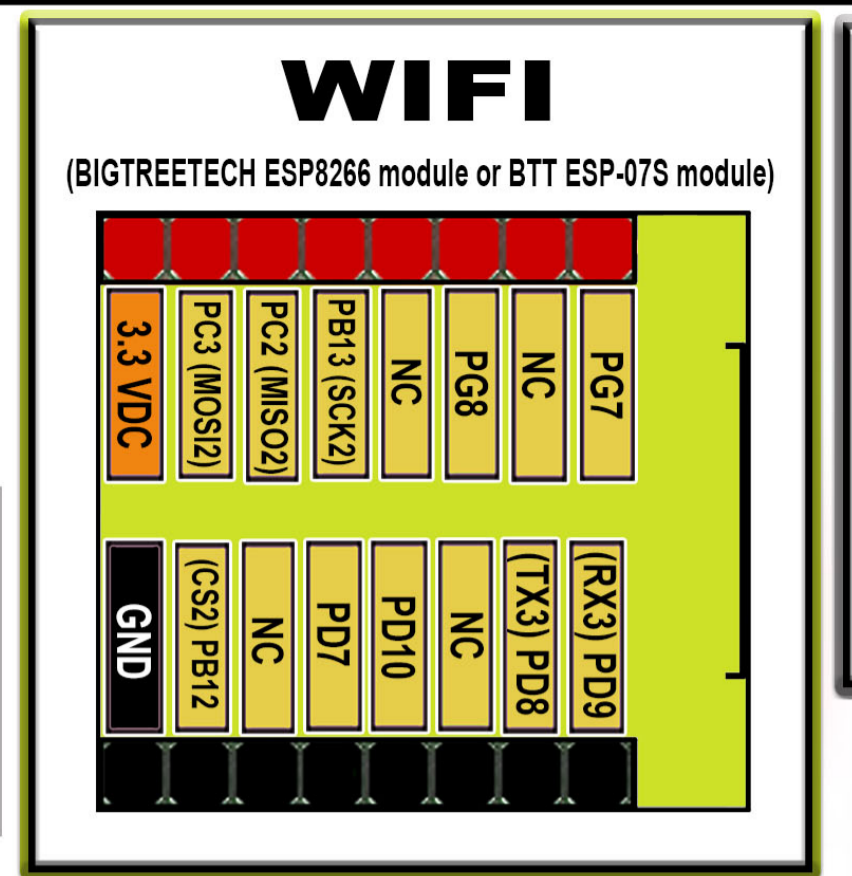
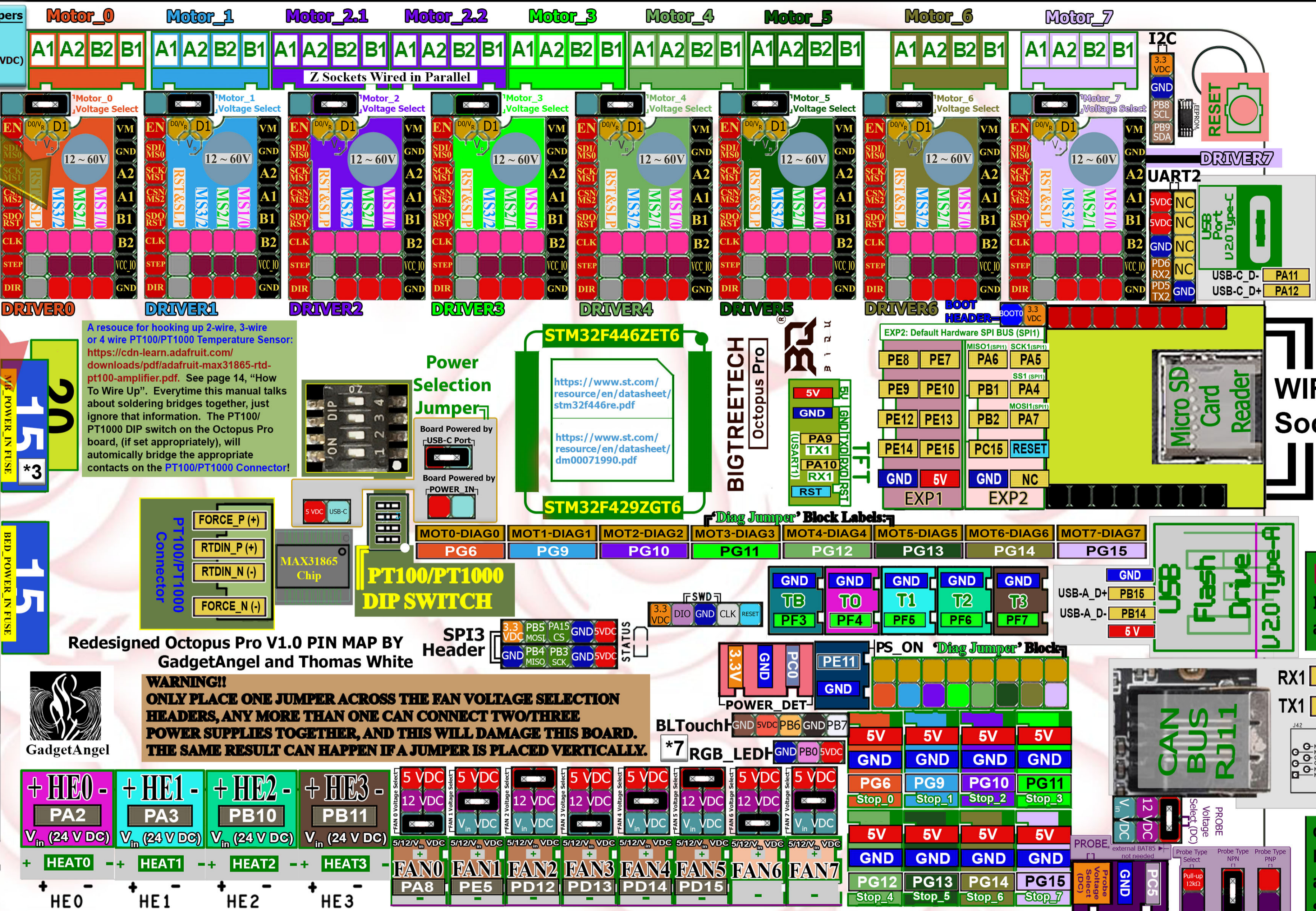
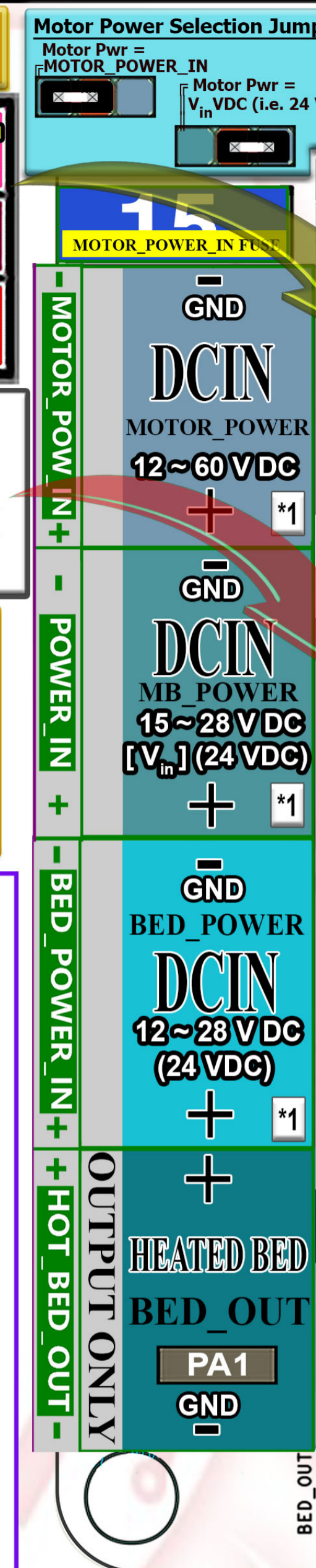
1. Calculate the maximum current draw from your 4 heaters; (13 Amps maximum for: 7 Fans, 12V rail, 5V rail and 3.3V rail); you may need to change out the "MB_POWER_IN FUSE" (F3) from 15 Amps to 20 Amps (Bigtreetech supplies one with each Octopus Pro V1.0 board).

2 - M3; M2 3 - M3; M2
 1 - M2; M1 OR 2 - M2; M1
 0 - M1; M0 1 - M1; M0



NOTE: Things to be aware of when using the SPI bus #1: The Stepper Motor Drivers share the same SPI bus as EXP2, and the MAX31865 chip (i.e. PT100, PT1000). They only share: MISO, MOSI and SCK lines. They have separate CS lines.

https://en.wikipedia.org/wiki/Serial_Peripheral_Interface

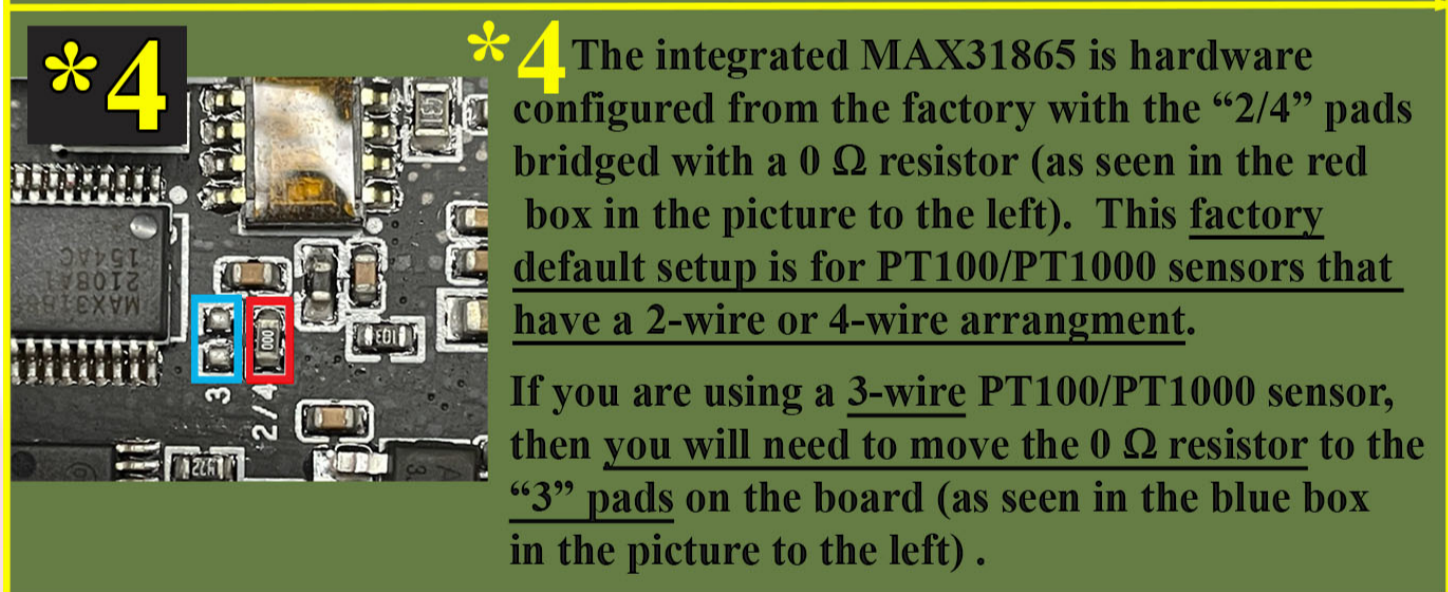


PT100/PT1000 DIP Switch Settings

ON OFF *2

1	2	3	4	Sensor model
ON	ON	ON	OFF	Two-wire PT100 Sense Ω = 430
ON	ON	OFF	ON	Two-wire PT1000 Sense Ω = 4300
OFF	ON	ON	OFF	Three-wire PT100 Sense Ω = 430
OFF	ON	OFF	ON	Three-wire PT1000 Sense Ω = 4300
OFF	OFF	ON	OFF	Four-wire PT100 Sense Ω = 430
OFF	OFF	OFF	ON	Four-wire PT1000 Sense Ω = 4300

*2 Note the default setting is all DIP switches set to OFF (i.e. Please set DIP Switches before you install the board!!!).



Note: If you are unsure about any of the information provided on this PIN Diagram, please ask for help from the 3D printer community, check the Processor's data sheet and the board's schematic diagram.

