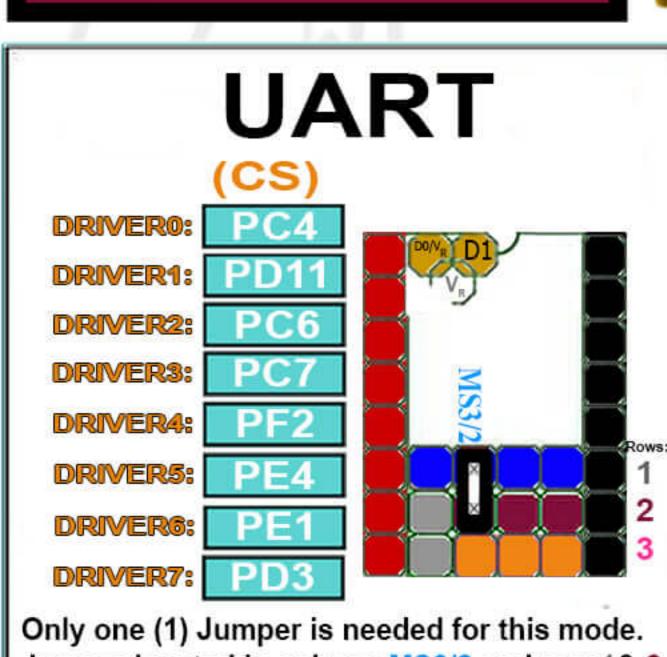
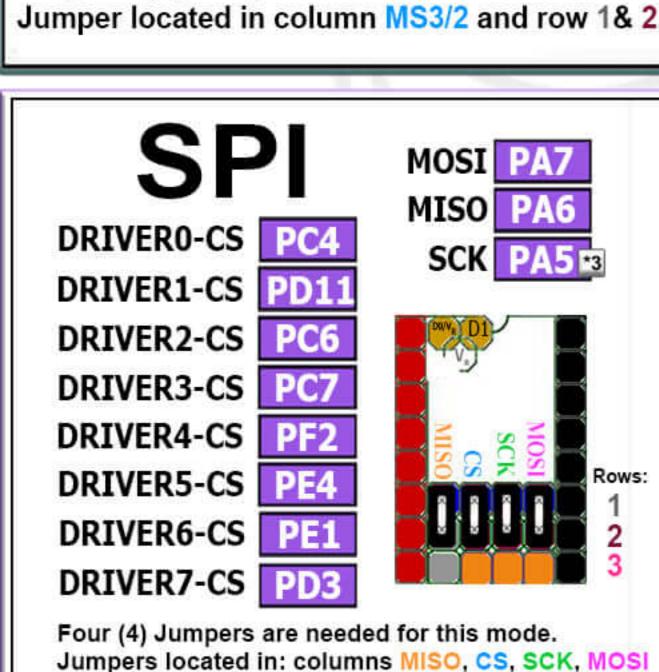


- 1. Ensure that you wire each PSU's earth grounds together (one earth ground from each PSU must go back to a common point that then gets attched to the earth ground of the AC input power connector).
- 2. Wire each PSU's negative terminals together (one negative terminal from each PSU must go back to a common point that then gets attched to the negative side of the AC input power connector).

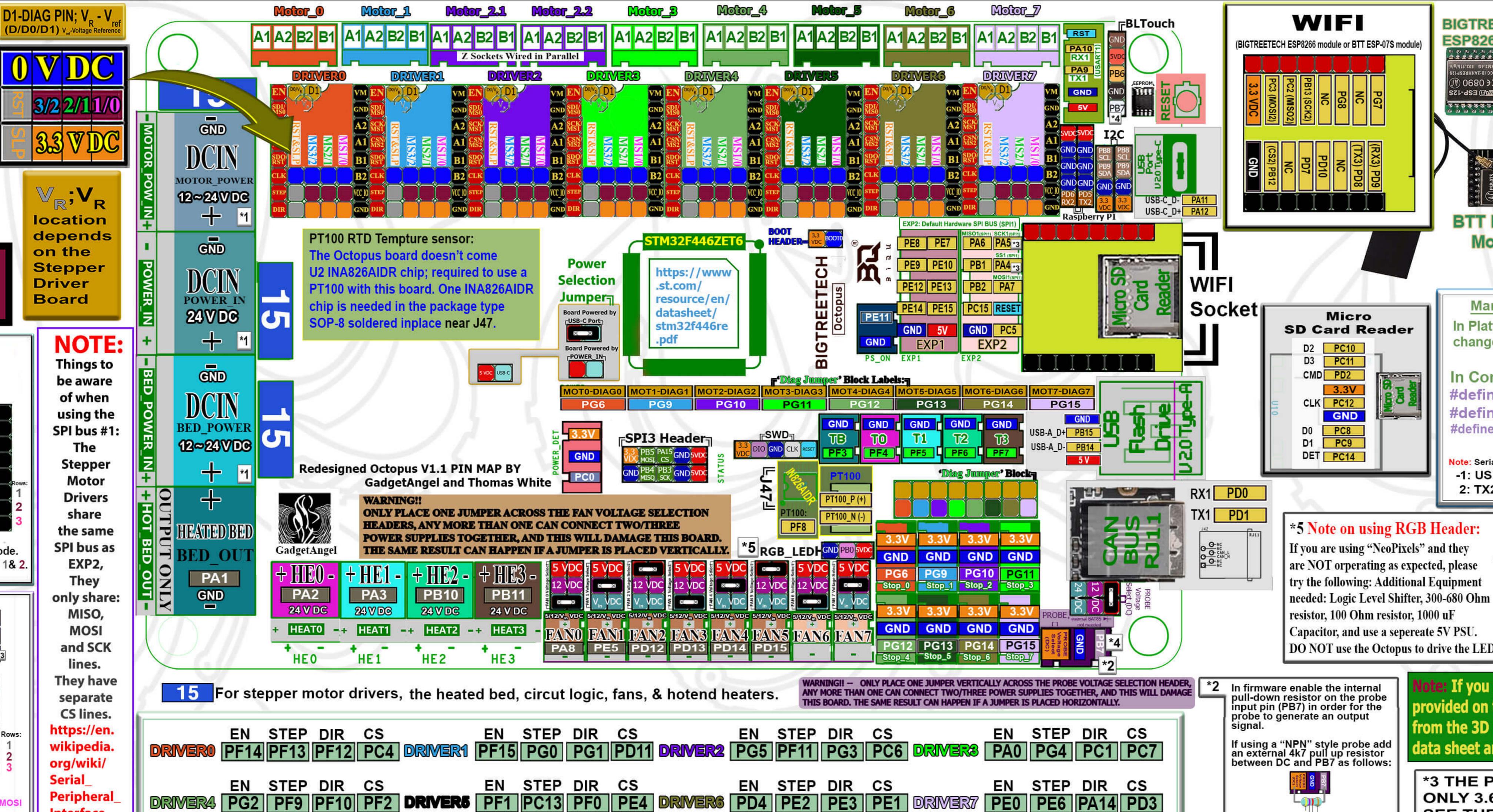
3 - M3; M2 2 - M3; M2 1 - M1; M0

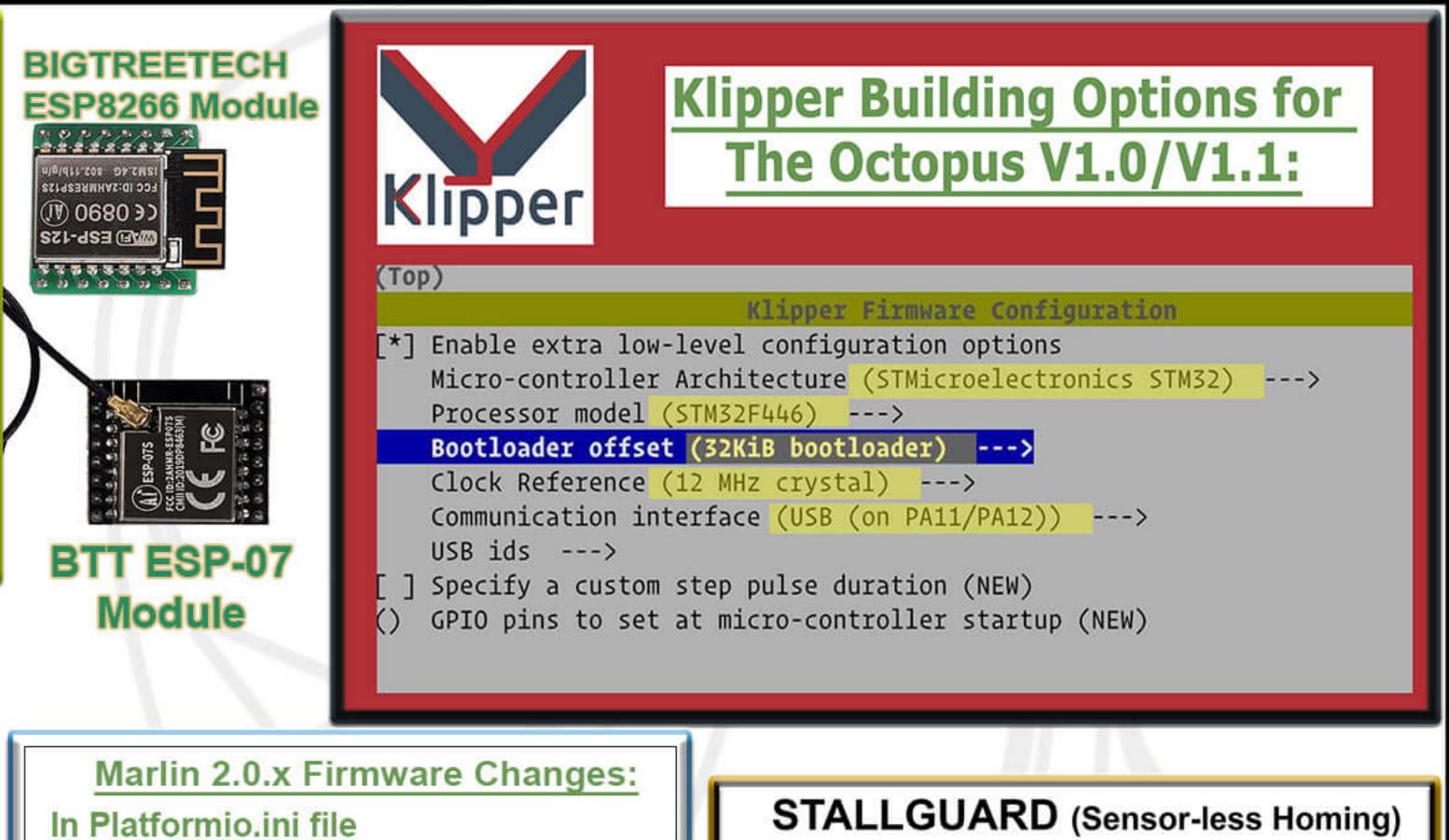


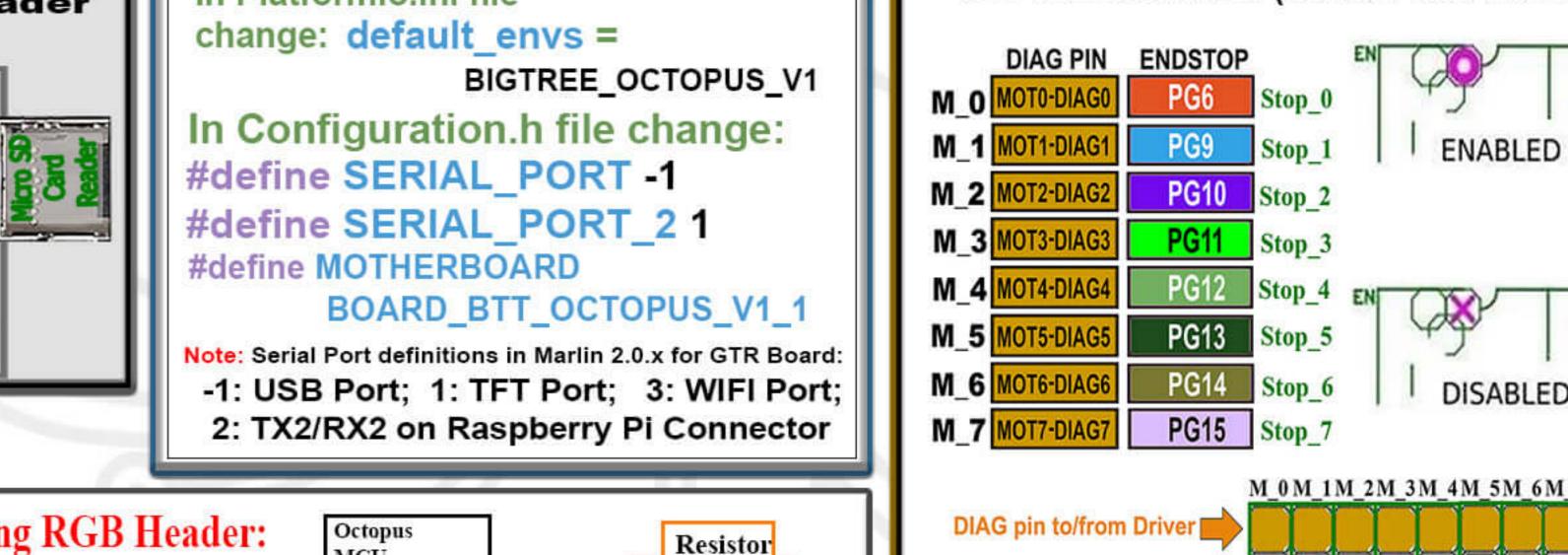


and rows 1 & 2.

Interface









Logic Level 3.3v to 5v

Resistor (300 Ω to 680Ω)

MCU Endstop (i.e., ensure the 'Diag Jumper' is removed).

dstop to allow the filament runout sensor to work properly (i.e., ensure the

If using limit switches/enstops, ensure the DIAG pin is NOT connected to the

Capacitor, and use a sepereate 5V PSU. Jumper' is removed for the corresponding extruder motor). DO NOT use the Octopus to drive the LEDS.

In firmware enable the internal pull-down resistor on the probe input pin (PB7) in order for the probe to generate an output signal.

PE0 PE6 PA14 PD3

If using a "NPN" style probe add an external 4k7 pull up resistor between DC and PB7 as follows:

Micro

GND

*3 THE PIN IS NOT 5V TOLERANT! IT IS ONLY 3.6 VOLTS TOLERANT. PLEASE SEE THE STM32F446xC/E DATASHEET.

ote: If you are unsure about any of the information *4 The PIN PB7 is a provided on this PIN Diagram, please ask for help from the 3D printer community, check the Processor data sheet and board's schematic diagram.

shared signal PIN between the BLTouch header and the PROBE connector. You CAN NOT use both a BLTouch and PROBE!

DISABLED