

[Marlin 2.0.x Firmware Change](#)

In Platformio.ini file
change: **default_envs** =
BIGTREE_GTR_V1_0

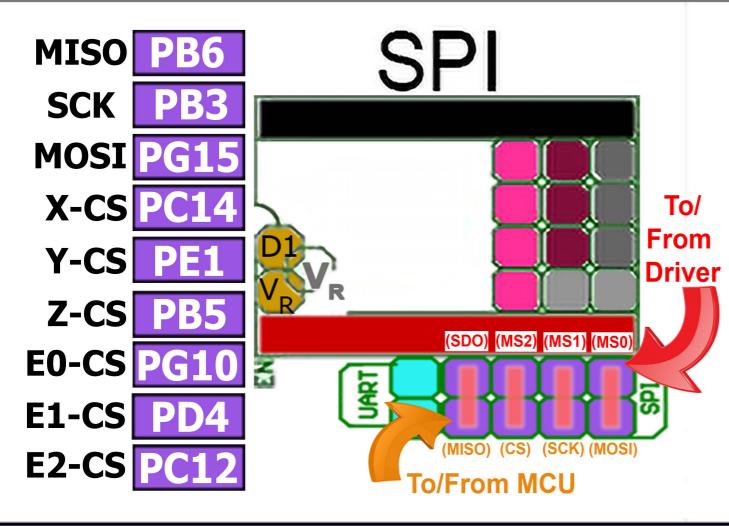
In Configuration.h file change:

```
#define SERIAL_PORT -1  
#define SERIAL_PORT_2 3
```

```
#define MOTHERBOARD  
    MOTHERBOARD BOARD_BTT_GTR_V1
```

Note: Serial Port definitions in Marlin 2.0.x for GTR Board
-1: USB Port; 3: TFT Port; 6: WIFI Port
1: TX1/RX1 on Raspberry Pi Connector

0 - M1; MS1 0 - M0; MS0
1 - M2; MS2 OR 1 - M1; MS1
2 - M3; MS3 2 - M2; MS2



UART

(CS)

X-CS PC

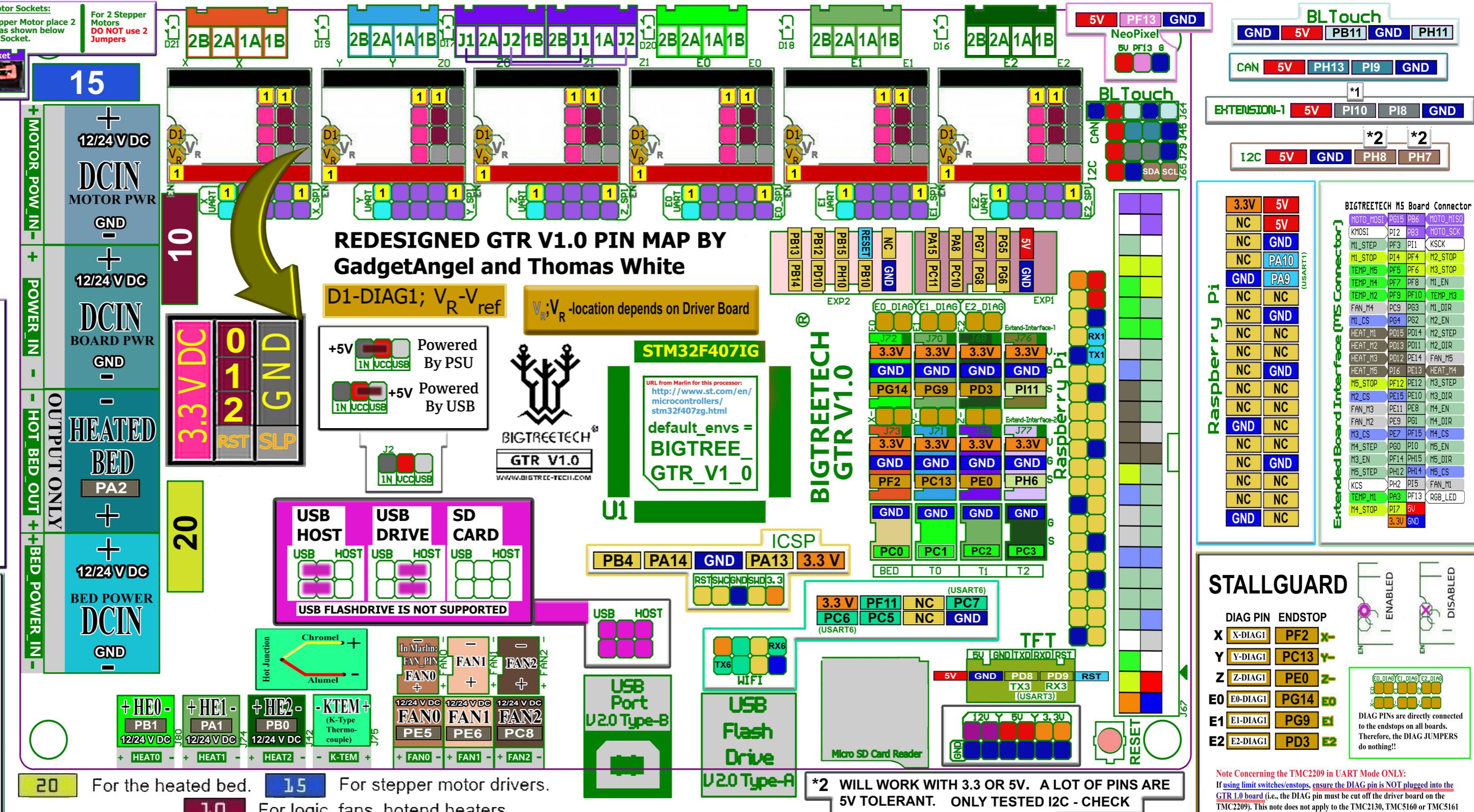
Y-CS PE

Z-CS PB
Z-CS PC

EO-CS PG1
E1-CS PG

E1-CS PD
E2-CS PC

***1 THE CORRECTED PIN VALUE. THE CORRECT PIN
VALUE CAME FROM BTT's GTR V1.0 SCHEMATIC
DIAGRAM!**



X EN STEP DIR Y EN STEP DIR Z EN STEP DIR *1 E0 EN STEP DIR E1 EN STEP DIR E2 EN STEP DIR
X PF1 PC15 PF0 Y PE4 PE3 PE2 Z PB9 PB8 PB7 *1 E0 PG13 PG12 PG11 E1 PD7 PD6 PD5 E2 PD2 PD1 PD0

NOTE: For MECU2, MECU3, MECU4 and MECU5 (any D7xx Board) that supports sensor-less homing if you install it on the extruder and you want to use a filament runout sensor, remove the DIAG/DIAG1/DIAG0 PIN to allow the filament runout sensor to work properly.

JC2130, TMC5160 and TMC5161 (any Driver Board)

TC2150, TMCS100 and TMCS101 (any Driver Board version) if you install it on the network and you want

coming) if you install it on the extruder and you want

sensor, remove the DIAG/DIAG1/DIAG0 PIN to allow

to work properly

to work properly.