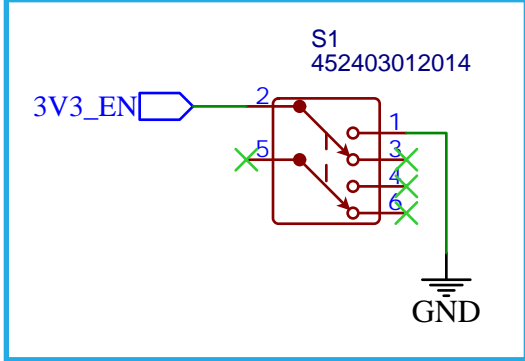
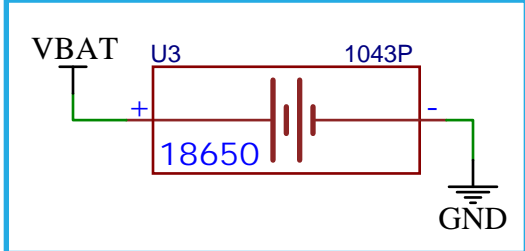


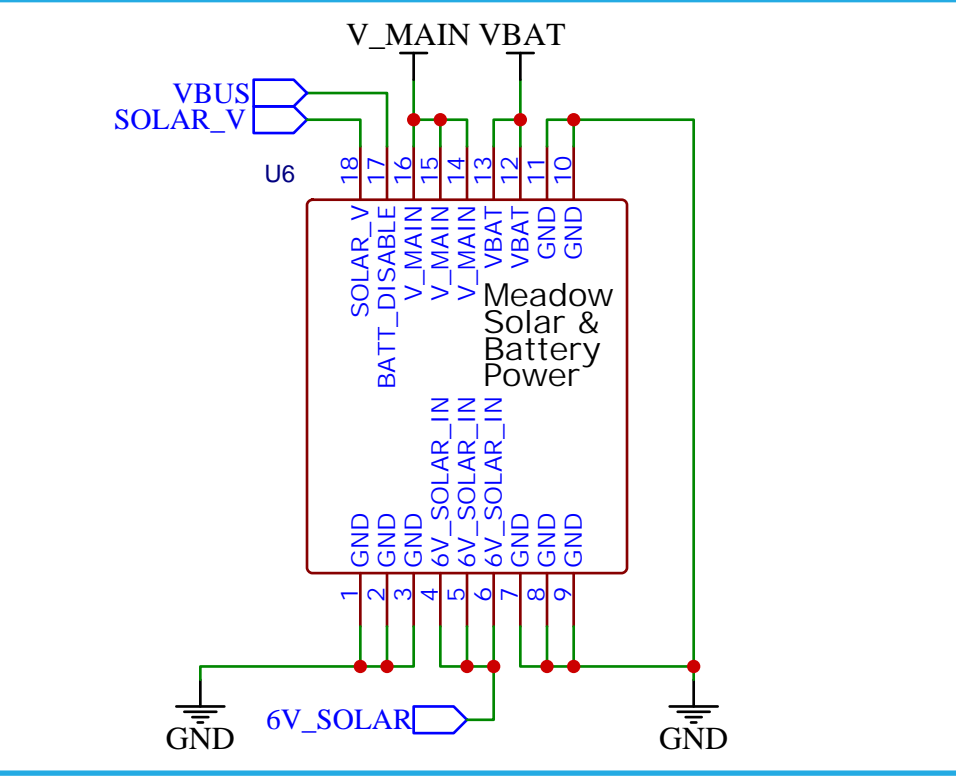
Power Switch



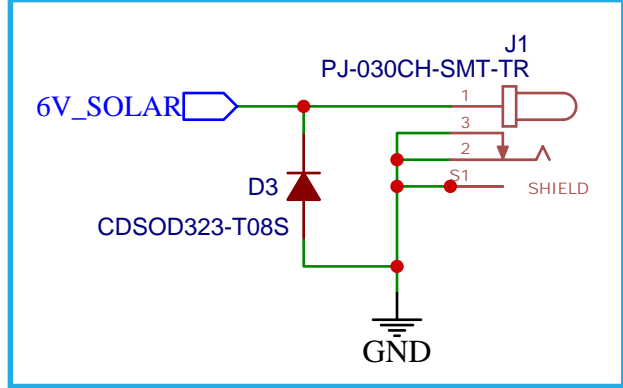
18650 Battery



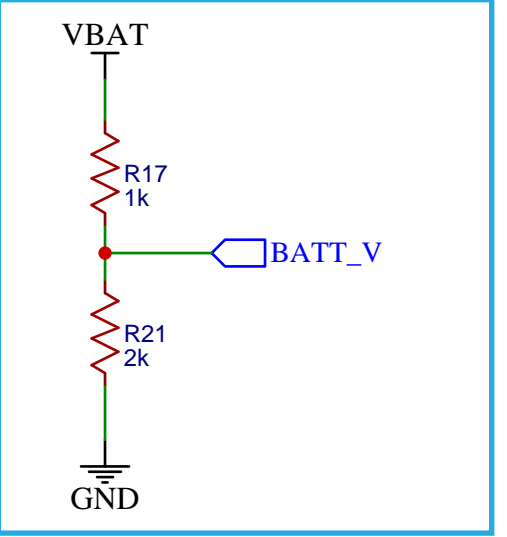
Battery Charging + Power



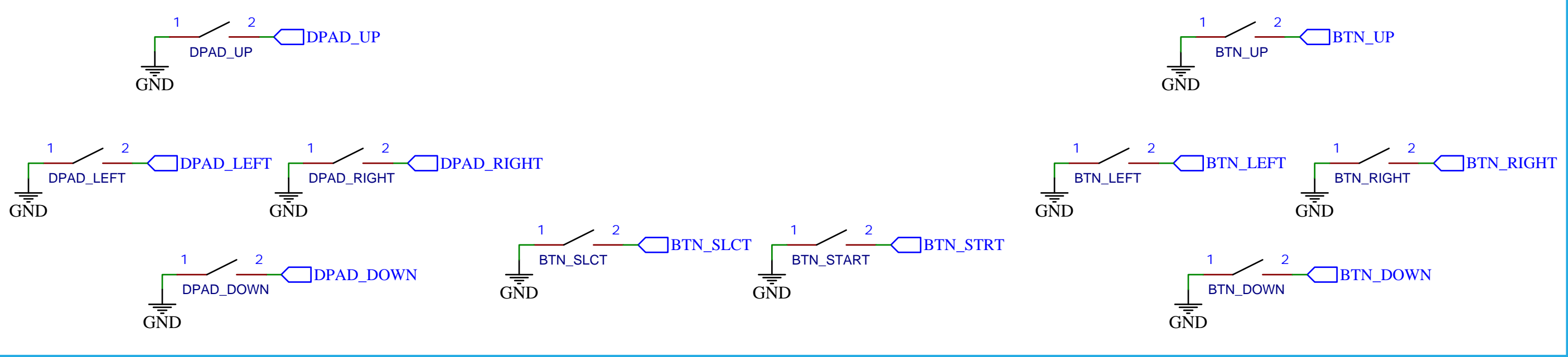
Solar/Power Jack



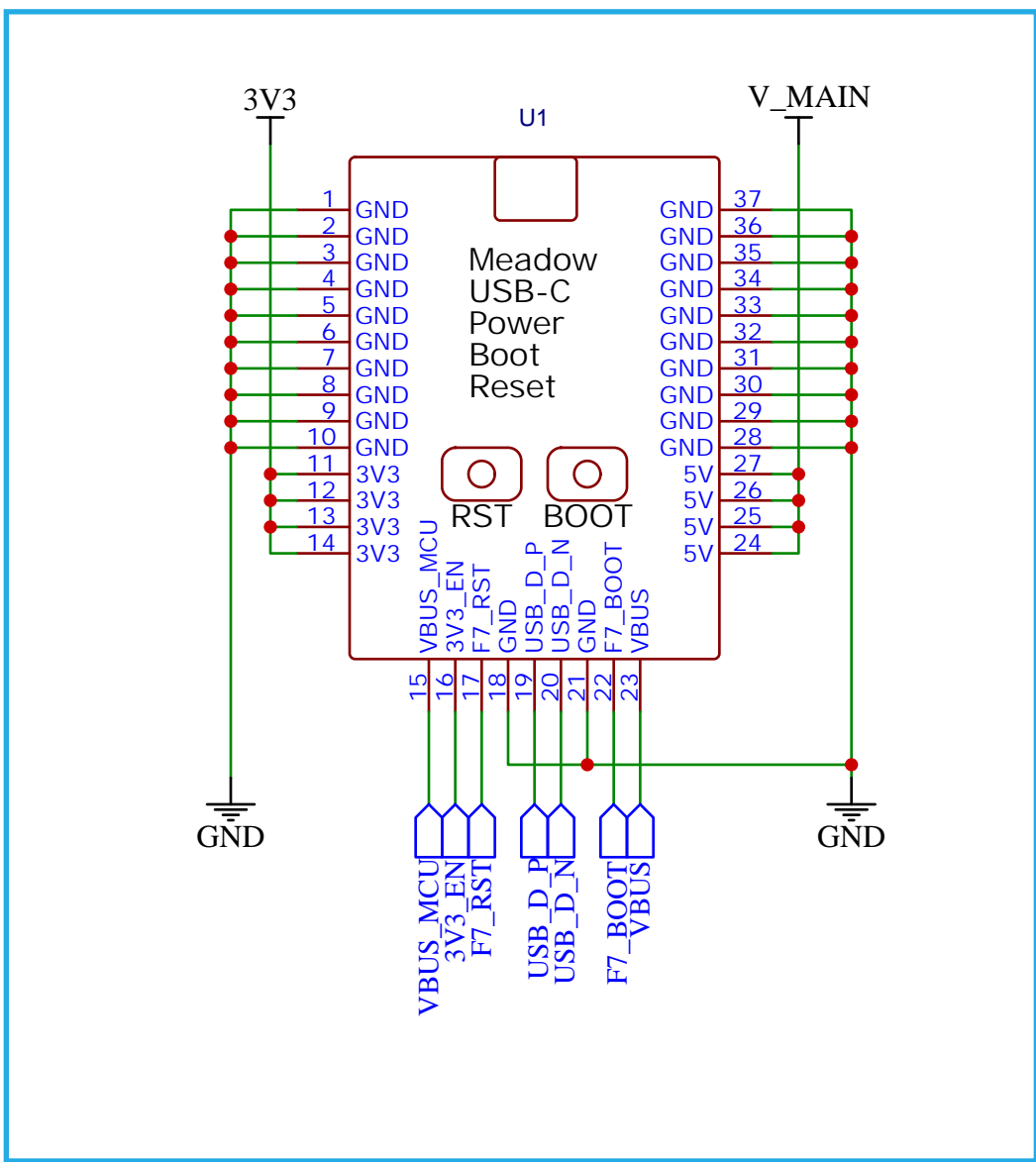
Battery Voltage Divider



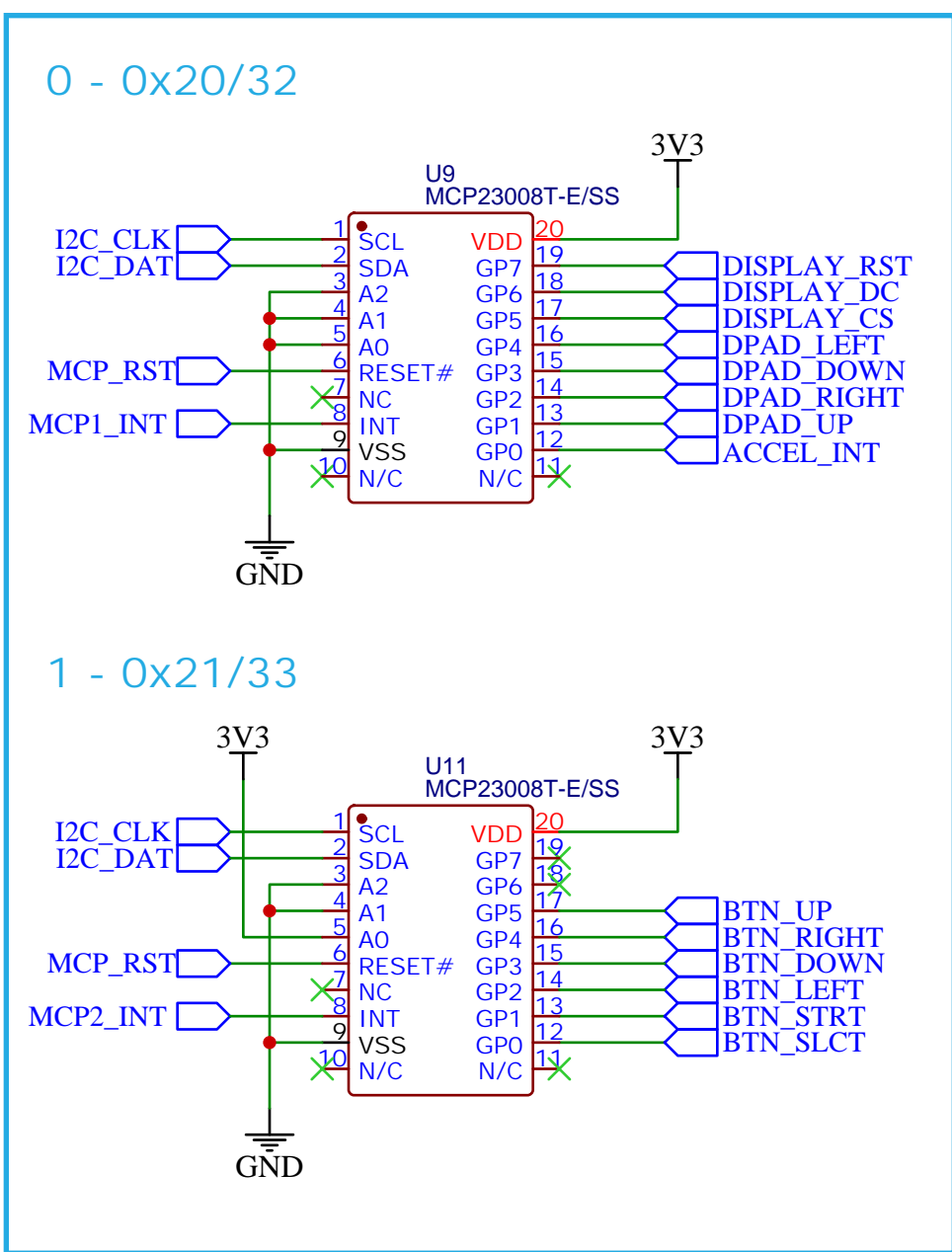
Buttons



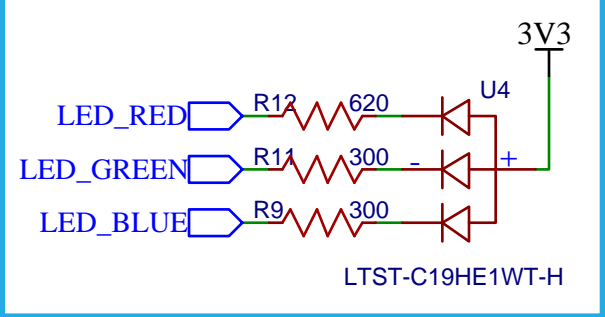
USB-C



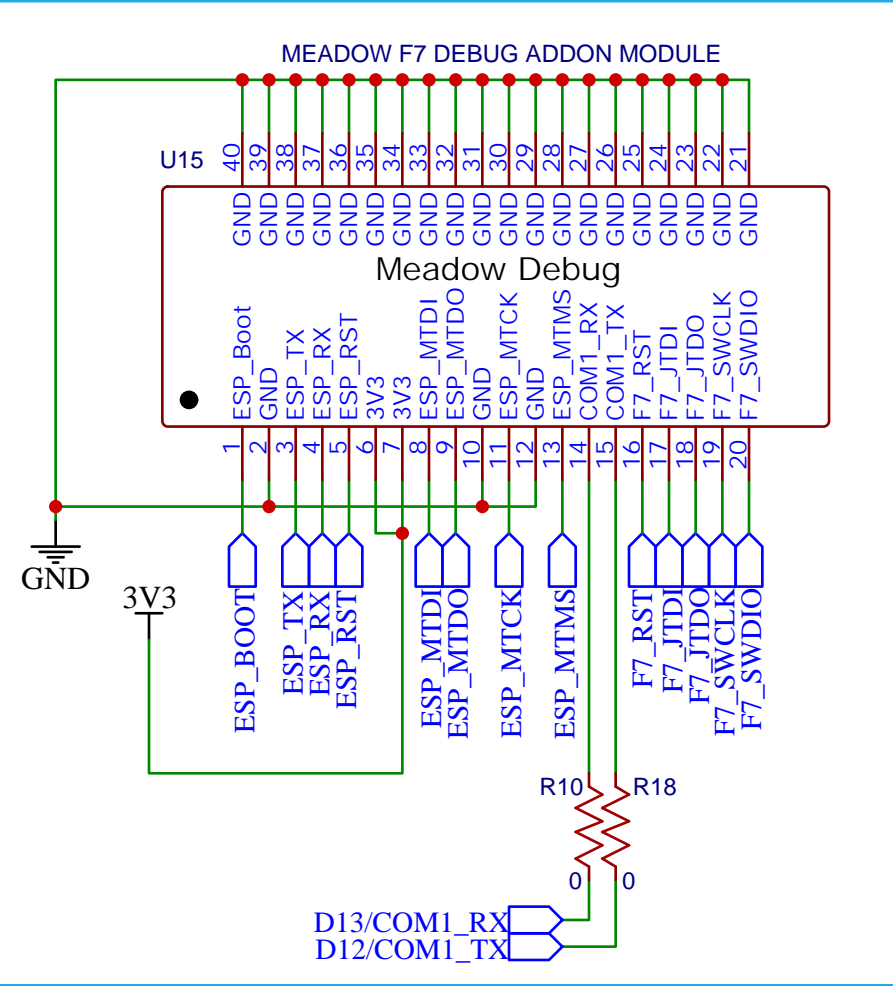
MCP23008 IO Expanders



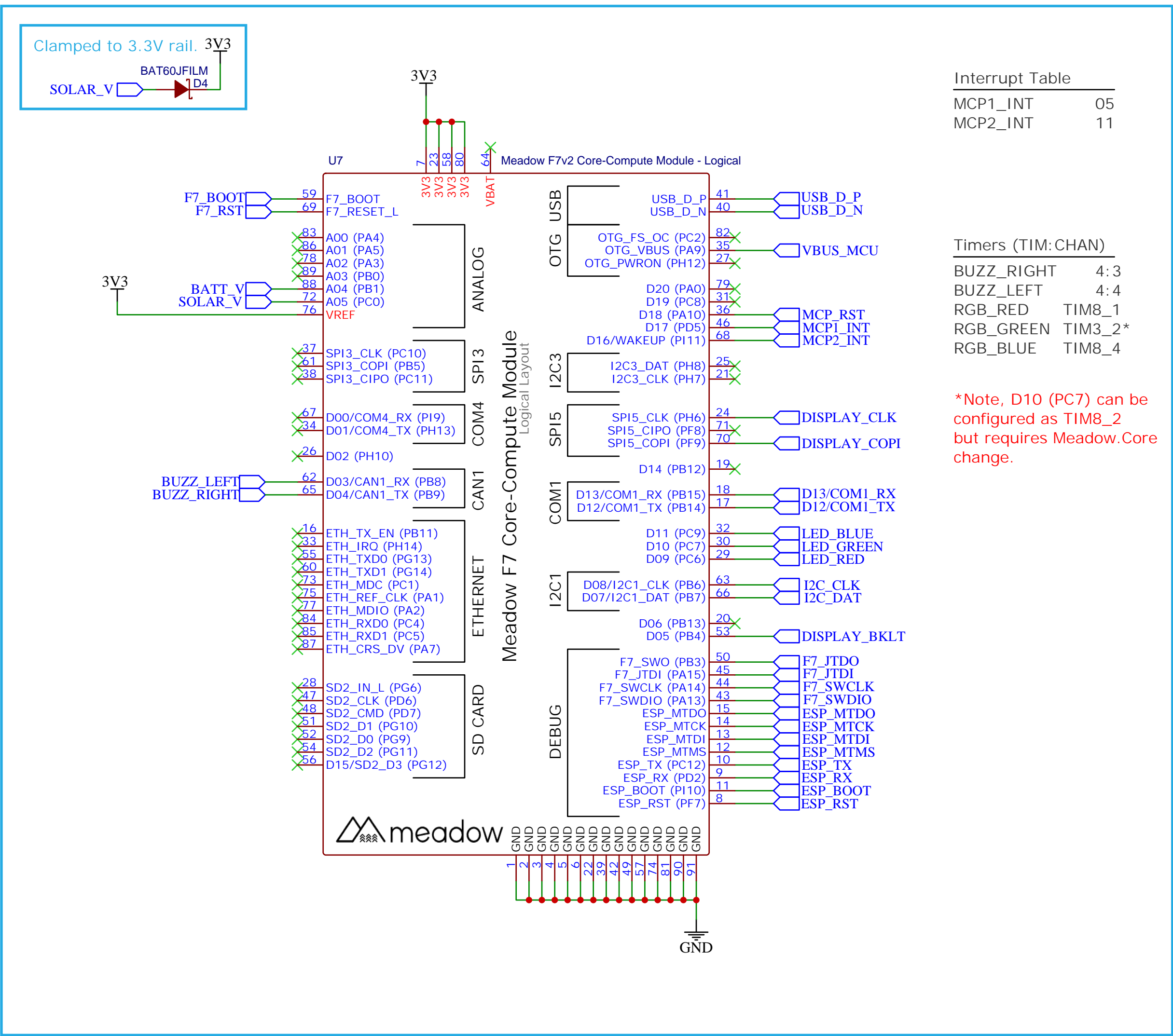
RGB LED



Debug Header



Meadow Core-Compute Module



Interrupt Table

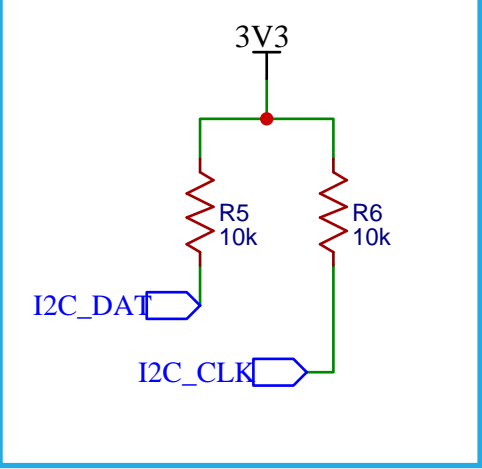
MCP1_INT	05
MCP2_INT	11

Timers (TIM:CHAN)

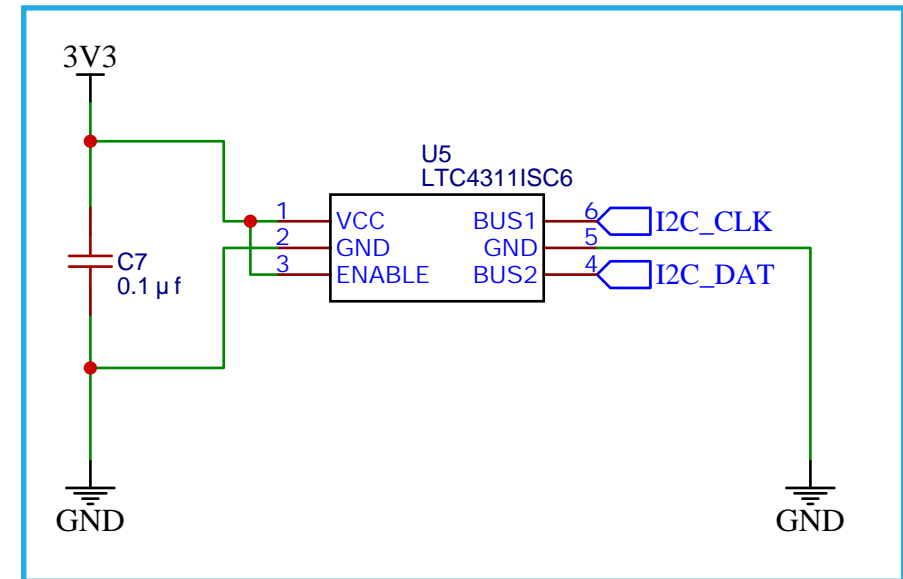
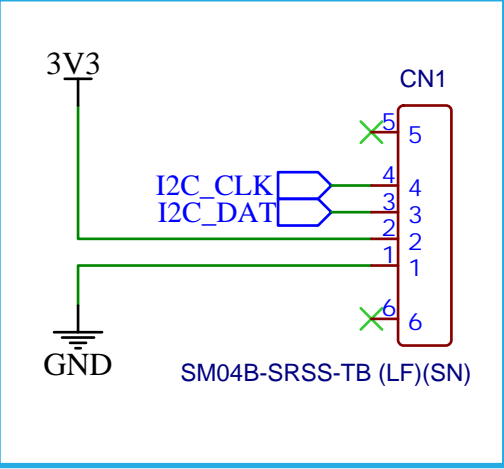
BUZZ_RIGHT	4:3
BUZZ_LEFT	4:4
RGB_RED	TIM8_1
RGB_GREEN	TIM3_2*
RGB_BLUE	TIM8_4

*Note, D10 (PC7) can be configured as TIM8_2 but requires Meadow.Core change.

I2C Pull-Ups

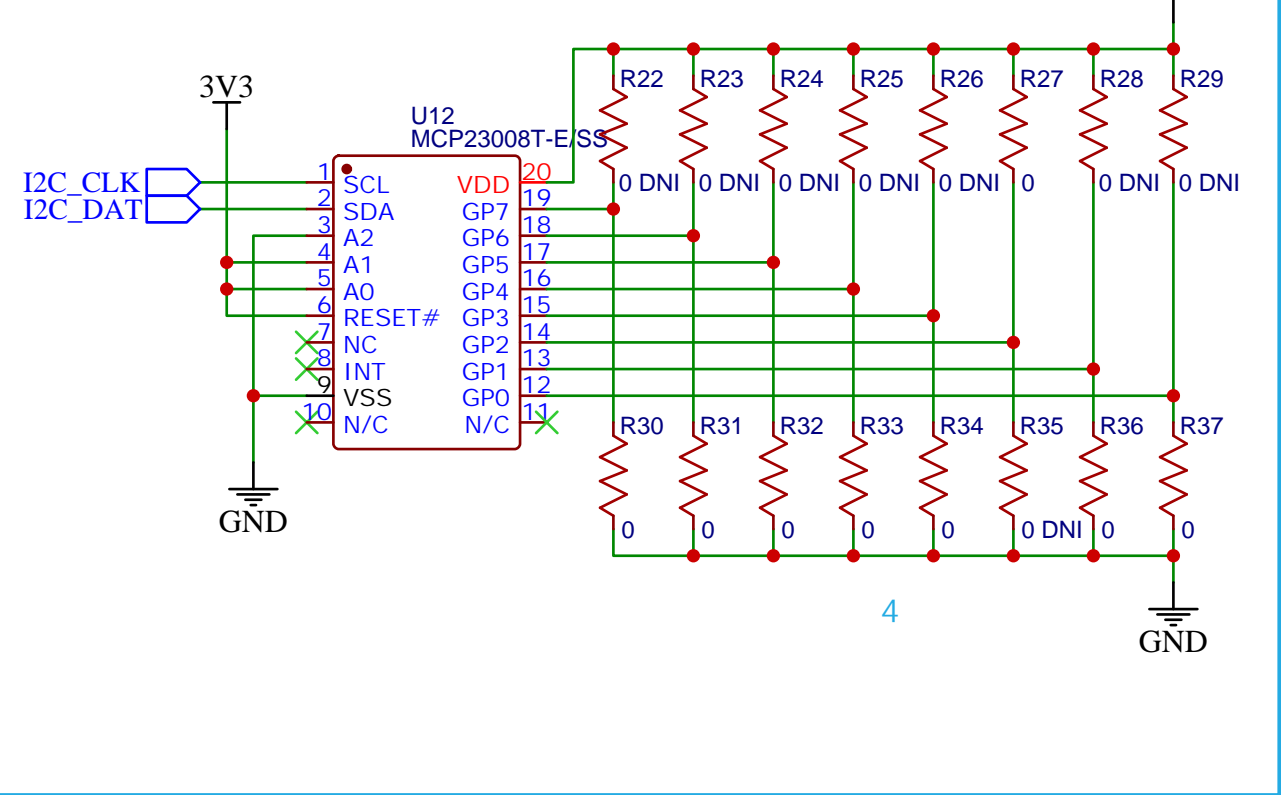


Qwiic/Stemma QT I2C

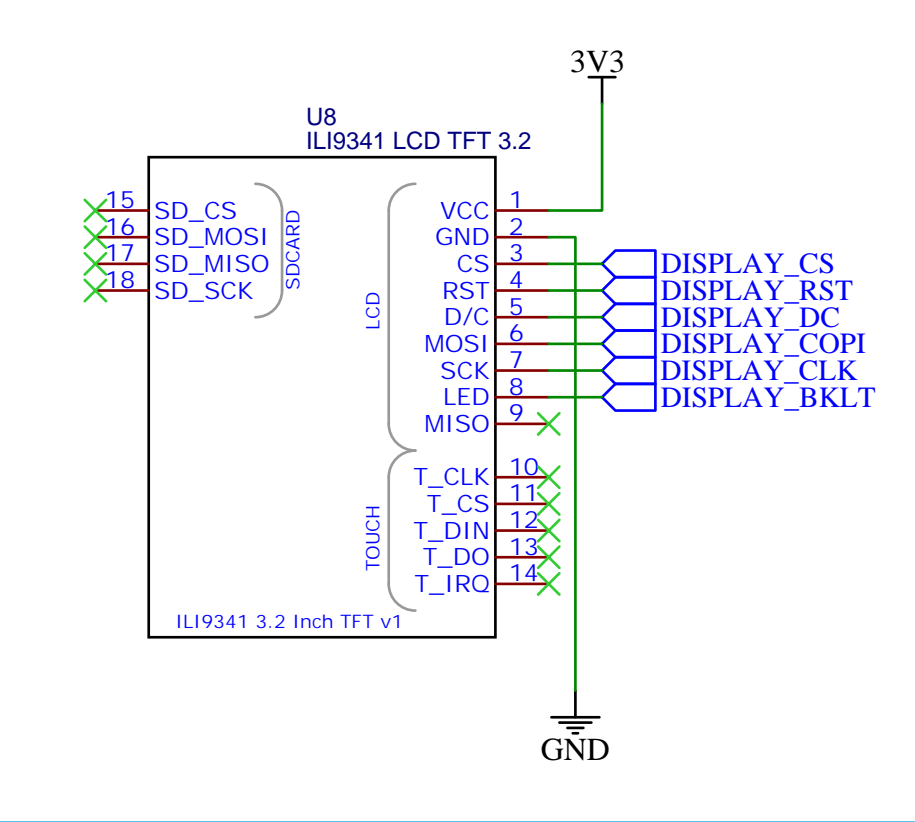


MCP23008 Version Info

3 - 0x26/38



3.2" TFT Display



Stackup/Controlled Impedance:

USB: 90 Diff Pair
Outer layer: 0.19mm width, 0.11mm spacing
Inner layer: 0.13mm width, 0.11mm spacing

JLPCB Stackup: JLC7628