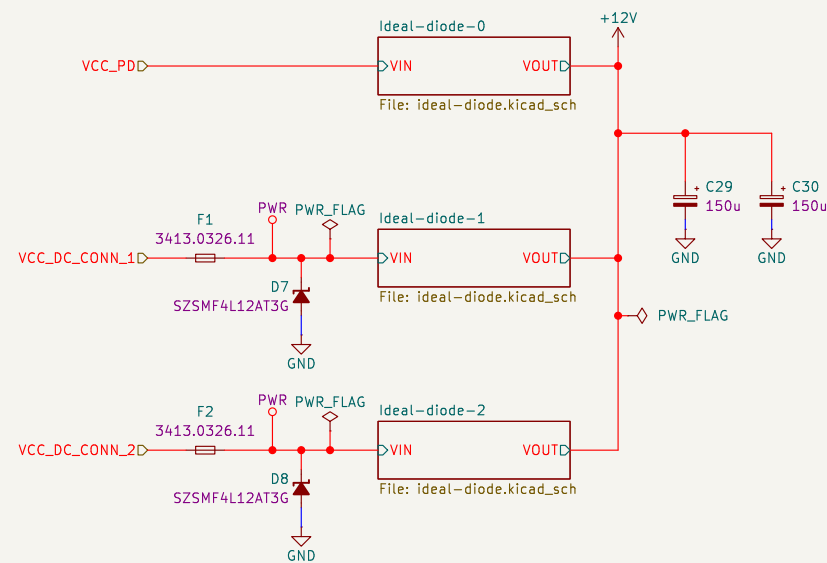
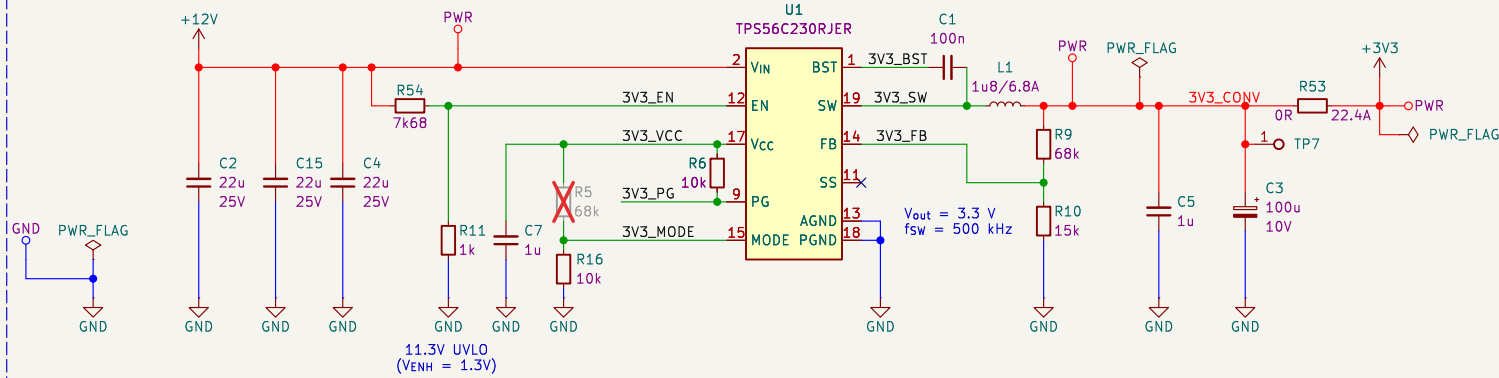


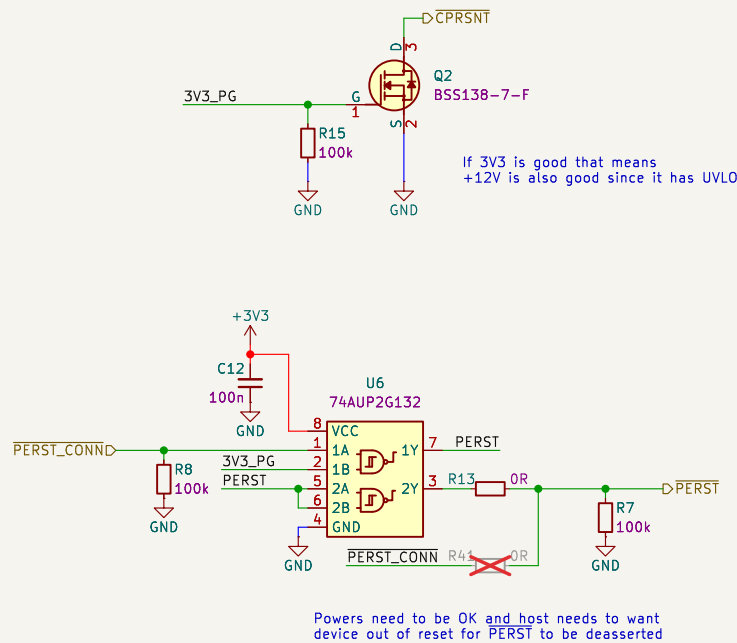
Power supply ORing



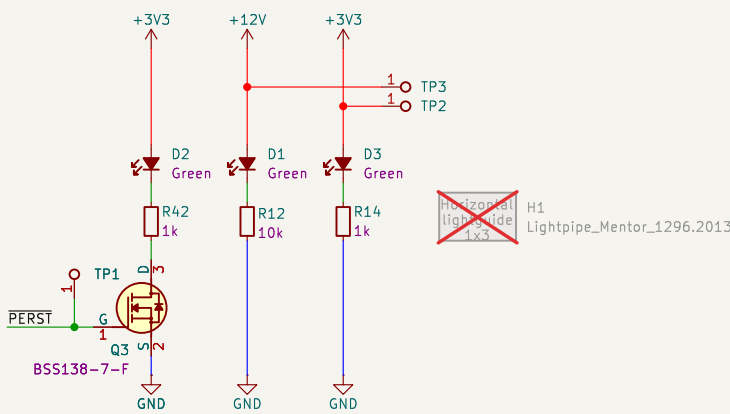
+3V3 DC/DC converter

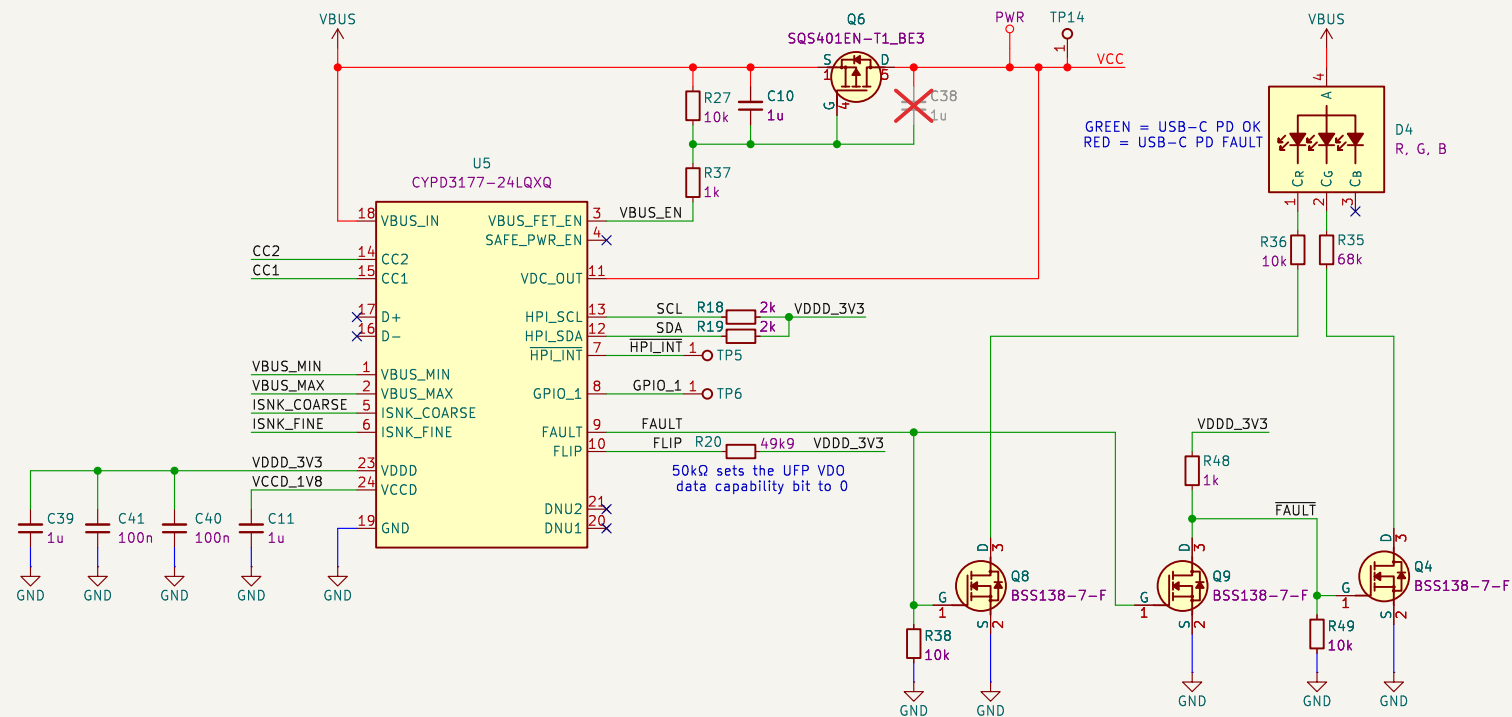
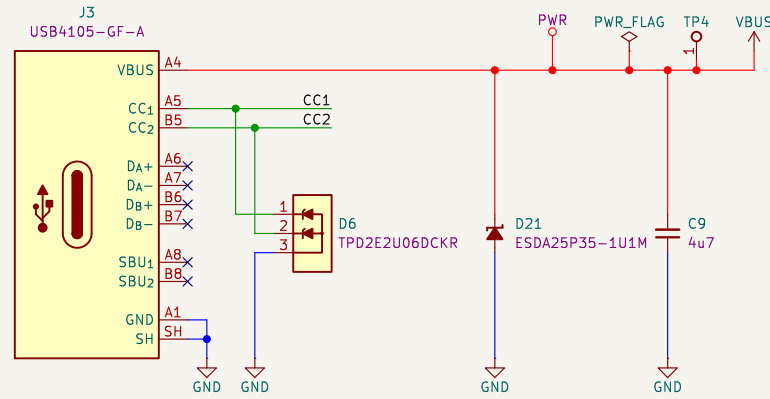


PERST and CPRSNT control



Power indicator LEDs and testpoints





The diagrams show the following connections:

- VBUS\_MIN:** Connected to VDD\_3V3 through resistor R29 (1k). A crossed-out resistor R17 (1k) connects VBUS\_MIN to GND.
- VBUS\_MAX:** Connected to VDD\_3V3 through resistor R4 (1k). A crossed-out resistor R22 (1k) connects VBUS\_MAX to GND.
- ISNK\_FINE:** Connected to VDD\_3V3 through resistor R24 (1k). A crossed-out resistor R21 (1k) connects ISNK\_FINE to GND.
- ISNK\_COARSE:** Connected to VDD\_3V3 through resistor R25 (1k). A crossed-out resistor R28 (1k) connects ISNK\_COARSE to GND.

Power save mode enabled,  
VDD, VDRVPre-reg on

$f_{sw} = 400kHz$

$R_{FB\_H} = R_{FB\_L} * (V_{OUT} - V_{FB}) / V_{FB}$   
 $10k * (12 - 0.8) / 0.8 = 140k$

