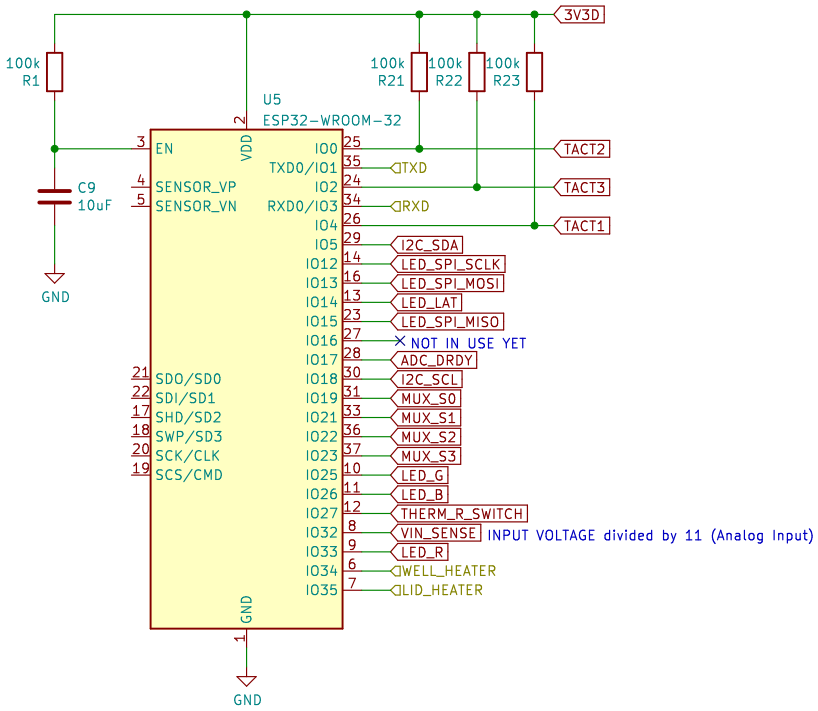
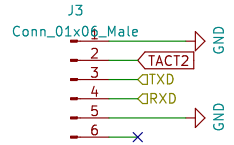
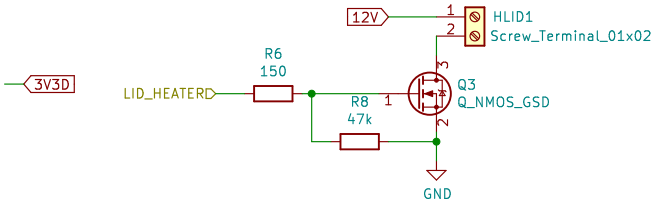
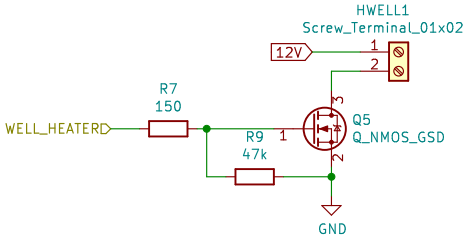
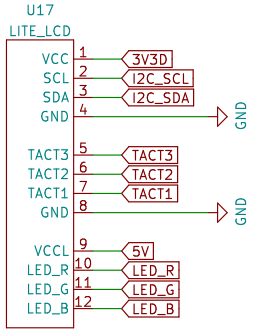




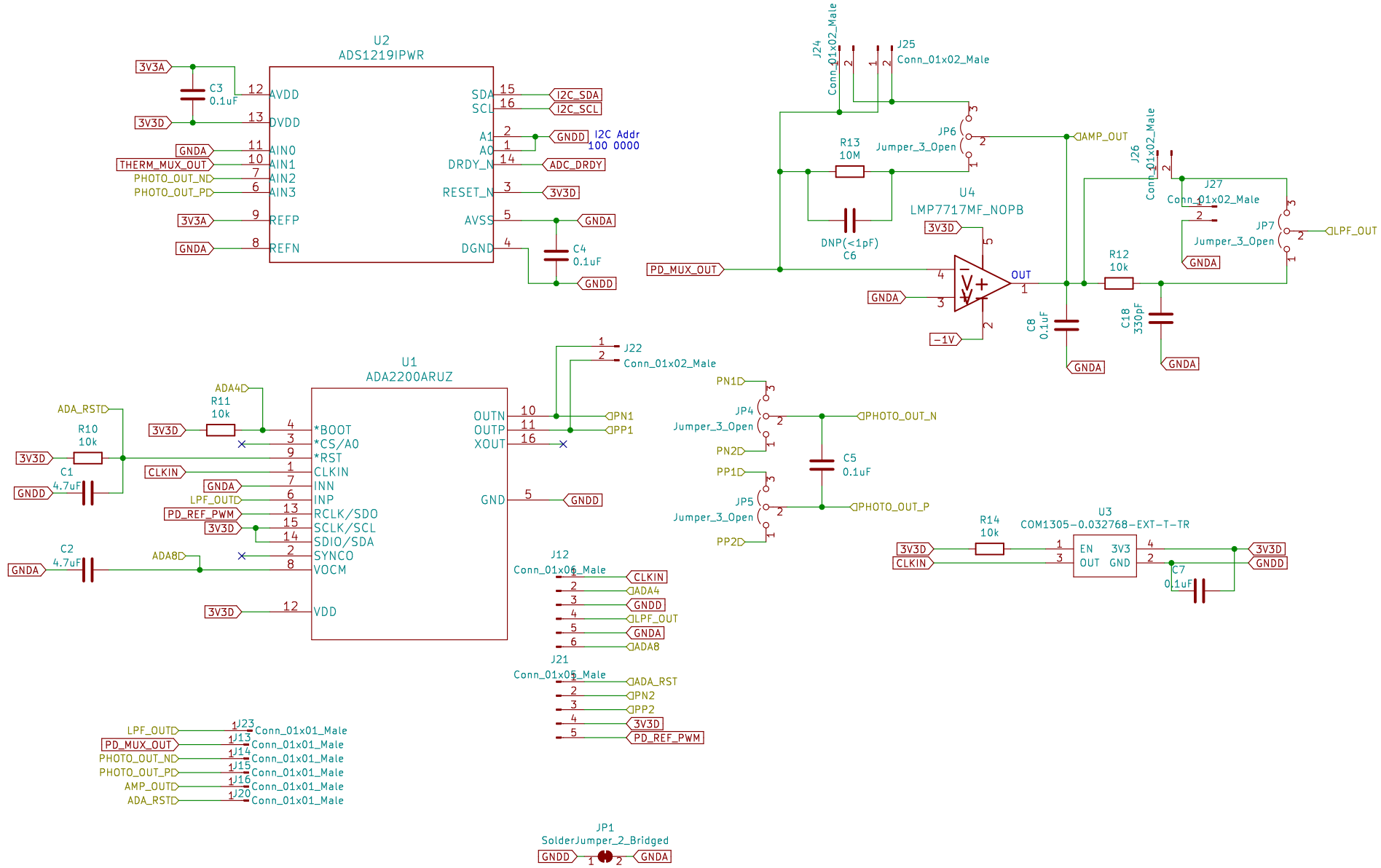
SEPARATED POWER SOURCE TO WAKEUP EN MANUALLY





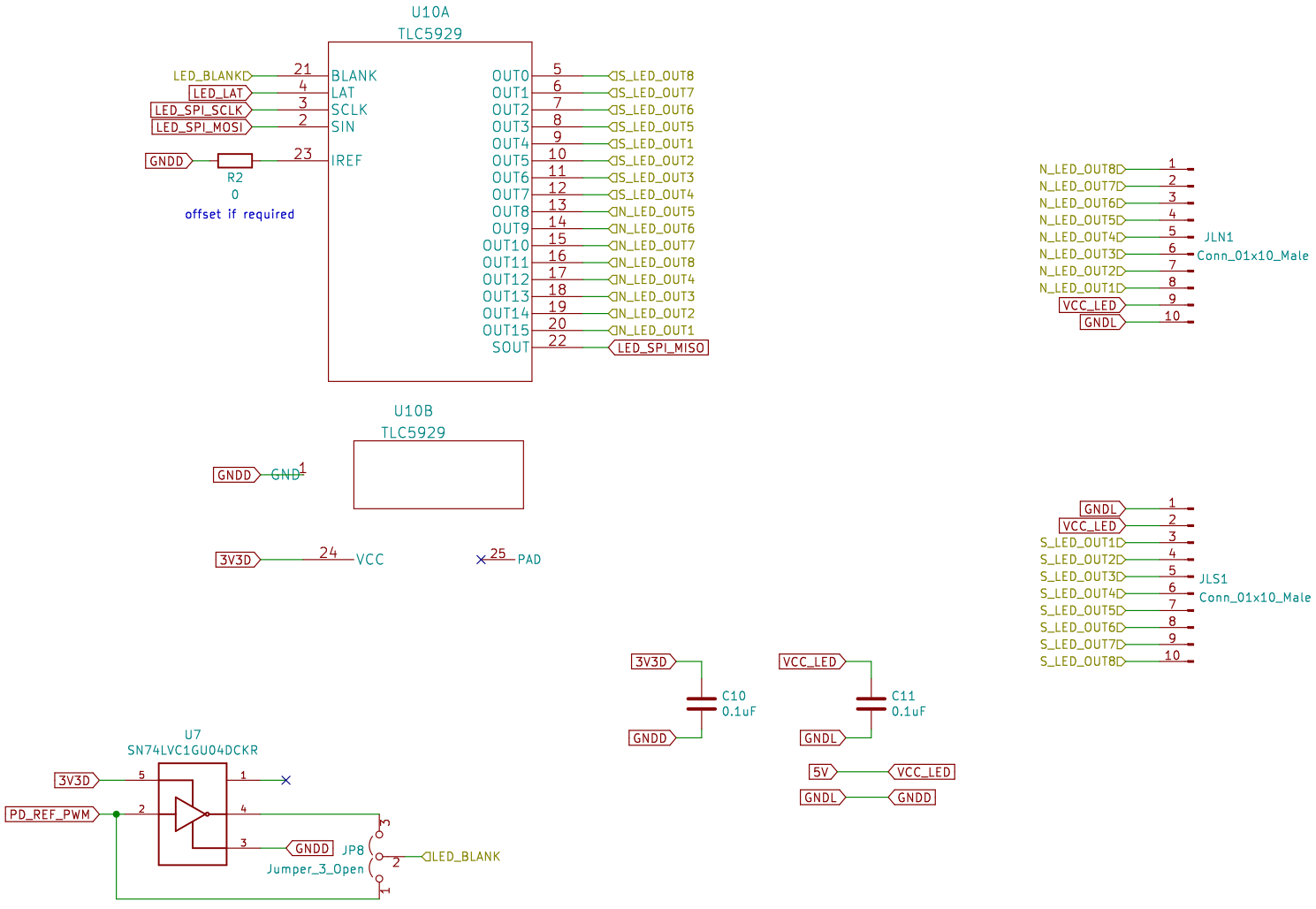


Demodulation

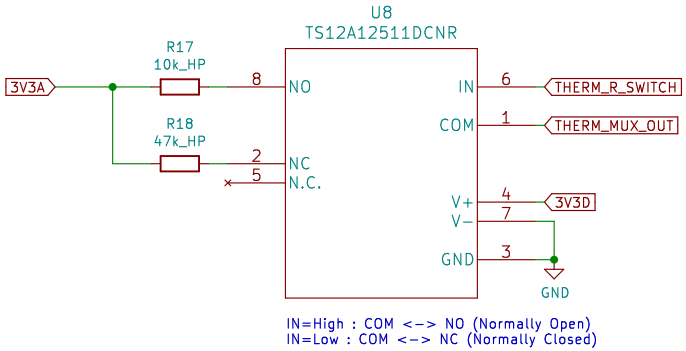


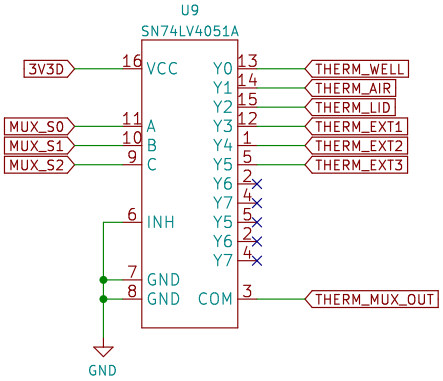
Use AGND and DGND https://www.zuken.co.jp/club_Z/z/product/BD/019/pro_130221_1.html?fbclid=IwAR0Fud5uWcRWMC9uykssyA-G8J9CSF2g4TS7U_EDWa5E4txVfpM9rxRD7ok

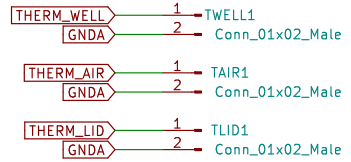
LED


U10A
TLC5929
LED_BLANK
LED_LAT
LED_SPI_SCLK
LED_SPI_MOSI
GNDD
R2
0
offset if required
BLANK
LAT
SCLK
SIN
IREF
OUT0
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
OUT8
OUT9
OUT10
OUT11
OUT12
OUT13
OUT14
OUT15
SOUT
S_LED_OUT8
S_LED_OUT7
S_LED_OUT6
S_LED_OUT5
S_LED_OUT1
S_LED_OUT2
S_LED_OUT3
S_LED_OUT4
N_LED_OUT5
N_LED_OUT6
N_LED_OUT7
N_LED_OUT8
N_LED_OUT4
N_LED_OUT3
N_LED_OUT2
N_LED_OUT1
LED_SPI_MISO
U10B
TLC5929
GNDD
GND
3V3D
VCC
PAD
N_LED_OUT8
N_LED_OUT7
N_LED_OUT6
N_LED_OUT5
N_LED_OUT4
N_LED_OUT3
N_LED_OUT2
N_LED_OUT1
VCC_LED
GNDL
JLN1
Conn_01x10_Male
GNDL
VCC_LED
S_LED_OUT1
S_LED_OUT2
S_LED_OUT3
S_LED_OUT4
S_LED_OUT5
S_LED_OUT6
S_LED_OUT7
S_LED_OUT8
JLS1
Conn_01x10_Male
3V3D
C10
0.1uF
GNDD
VCC_LED
C11
0.1uF
GNDL
5V
VCC_LED
GNDL
GNDD
U7
SN74LVC1GU04DCKR
3V3D
PD_REF_PWM
GNDD
JP8
Jumper_3_Open
LED_BLANK

Thermistors







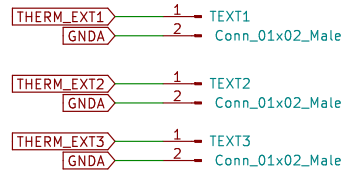
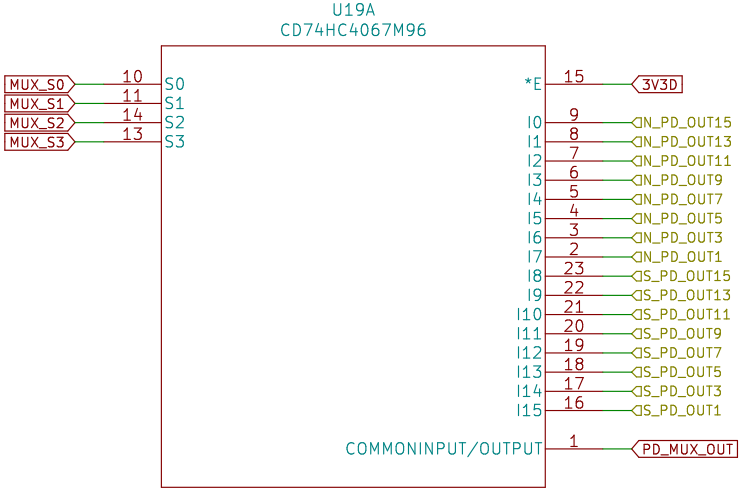
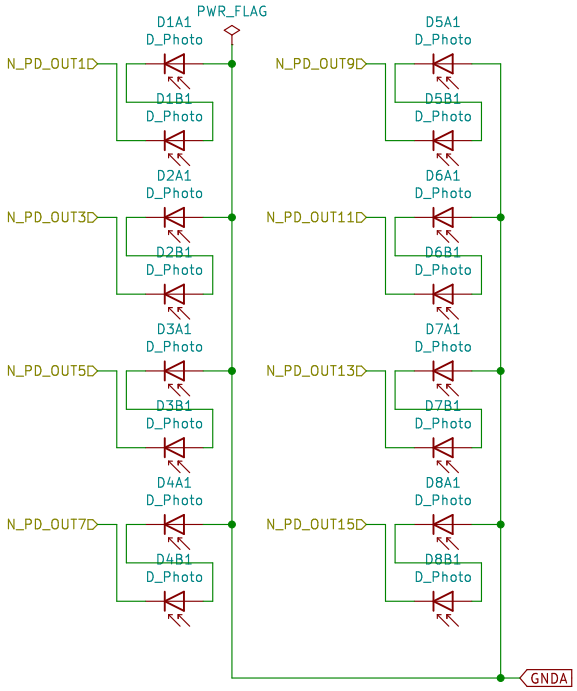
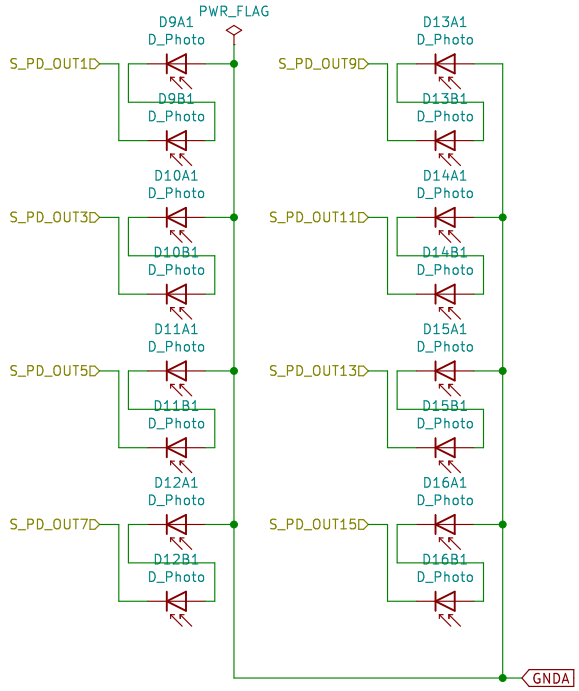


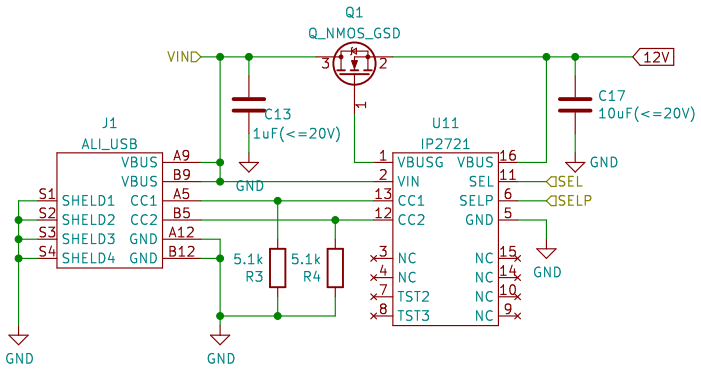
Photo Diodes

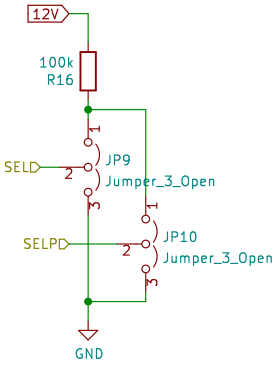
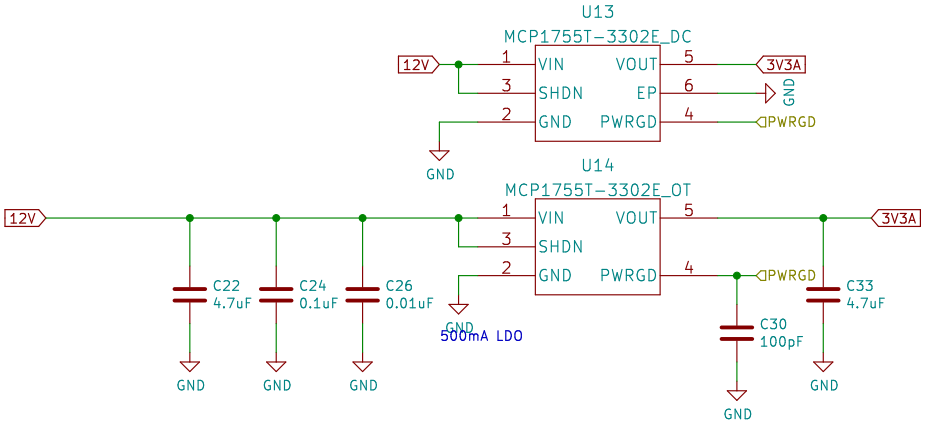
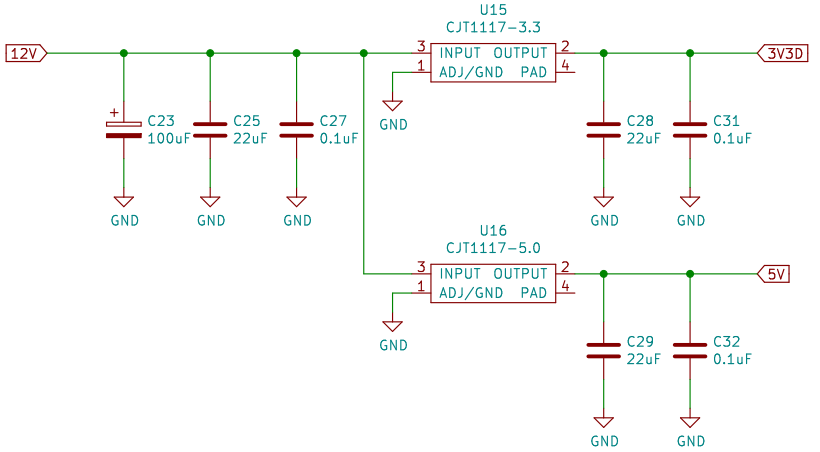
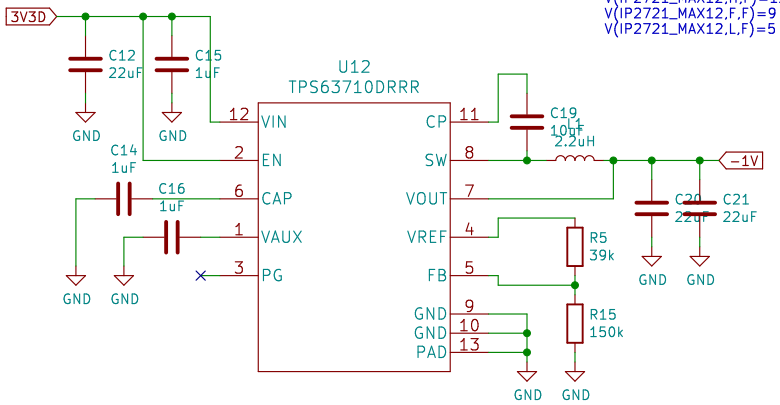
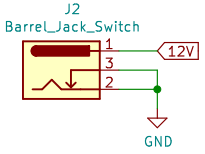
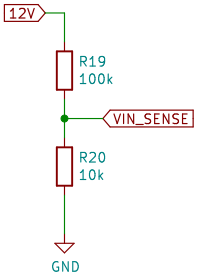






Power





V(IC,SEL,SELP) must be one of them.
V(IP2721|IP2721_D,High,Floating)=20
V(IP2721|IP2721_D,F,F)=15
V(IP2721|IP2721_D,Low,F)=5
V(IP2721_D,F,H)=12
V(IP2721_D,F,L)=9
V(IP2721_MAX12,H,F)=12
V(IP2721_MAX12,F,F)=9
V(IP2721_MAX12,L,F)=5