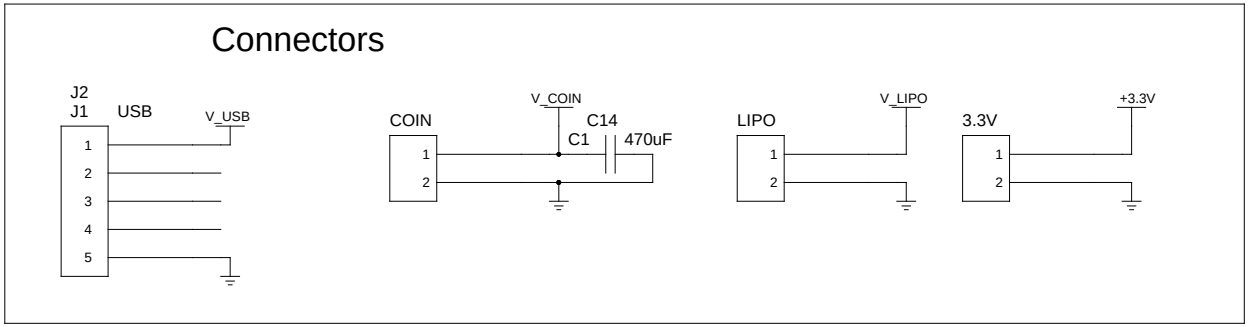
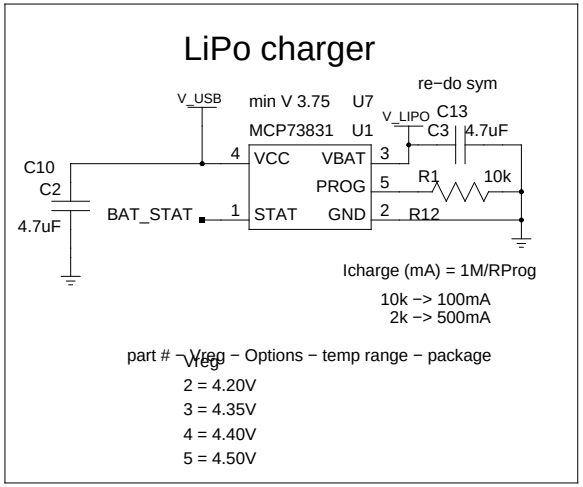
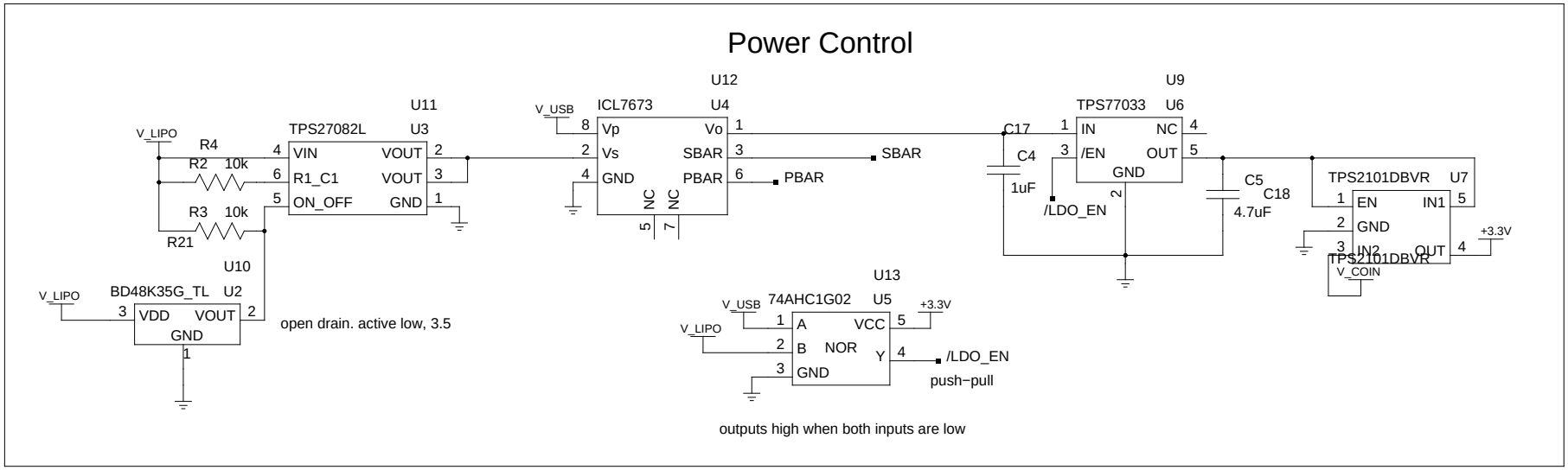

Connectors
J2
J1
USB
V_USB
1
2
3
4
5
COIN
V_COIN
C14
C1
470uF
LIPO
V_LIPO
3.3V
+3.3V


LiPo charger
re−do sym
V_USB
min V 3.75
U7
MCP73831
U1
V_LIPO
C13
C3
4.7uF
C10
C2
4.7uF
VCC
VBAT
PROG
R1
10k
BAT_STAT
STAT
GND
R12
Icharge (mA) = 1M/RProg
10k −> 100mA
2k −> 500mA
part # − Vreg − Options − temp range − package
Vreg
2 = 4.20V
3 = 4.35V
4 = 4.40V
5 = 4.50V


Power Control
U11
TPS27082L
U3
V_LIPO
R4
R2
10k
R3
10k
R21
VIN
R1_C1
ON_OFF
VOUT
VOUT
GND
U12
ICL7673
U4
V_USB
Vp
Vs
GND
Vo
SBAR
PBAR
NC
NC
SBAR
PBAR
U9
TPS77033
U6
C17
C4
1uF
IN
/EN
NC
OUT
GND
/LDO_EN
C5
C18
4.7uF
TPS2101DBVR
U7
EN
GND
IN2
IN1
OUT
+3.3V
V_COIN
U10
BD48K35G_TL
U2
V_LIPO
VDD
VOUT
GND
open drain. active low, 3.5
U13
74AHC1G02
U5
V_USB
V_LIPO
A
B
GND
NOR
VCC
Y
+3.3V
/LDO_EN
push−pull
outputs high when both inputs are low