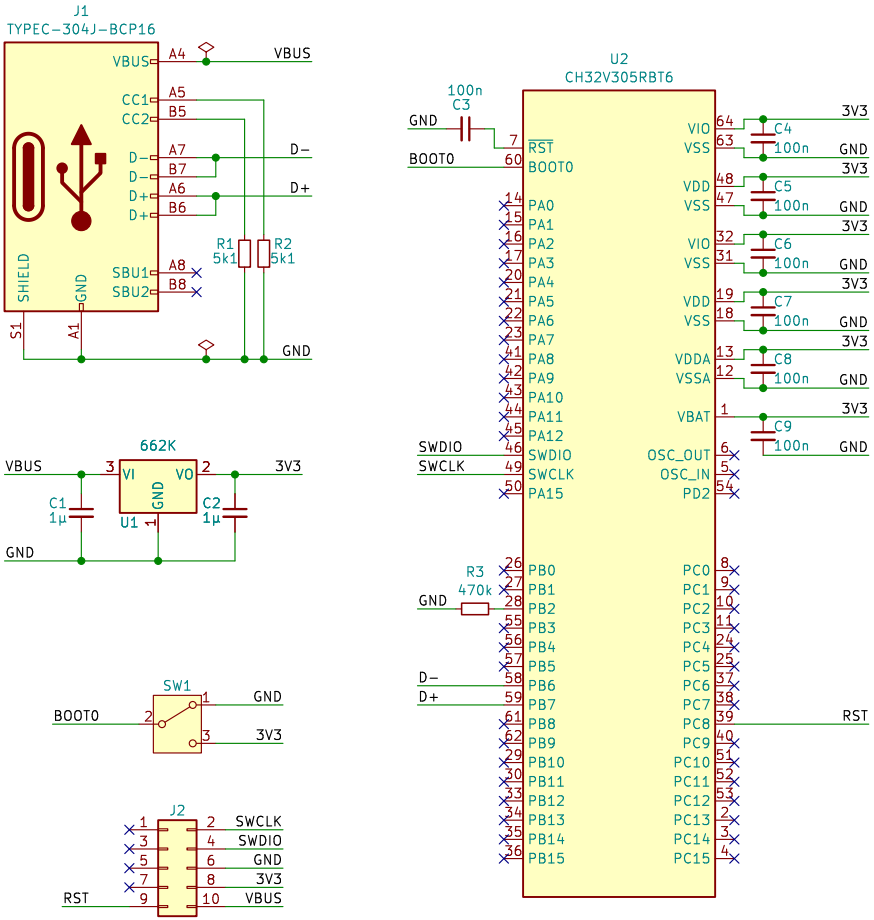
J1
TYPEC-304J-BCP16
VBUS
A4
CC1
A5
CC2
B5
D-
A7
B7
D+
A6
B6
SBU1
A8
SBU2
B8
SHIELD
GND
A1
S1
R1
5k1
R2
5k1
U2
CH32V305RBT6
100n
C3
RST
BOOT0
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
SWDIO
SWCLK
PA15
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
VIO
VSS
VDD
VDDA
VSSA
VBAT
OSC_OUT
OSC_IN
PD2
PC0
PC1
PC2
PC3
PC4
PC5
PC6
PC7
PC8
PC9
PC10
PC11
PC12
PC13
PC14
PC15
3V3
C4
C5
C6
C7
C8
C9
100n
R3
470k
662K
VI
VO
U1
C1
1µ
C2
SW1
J2
SWCLK
SWDIO
RST