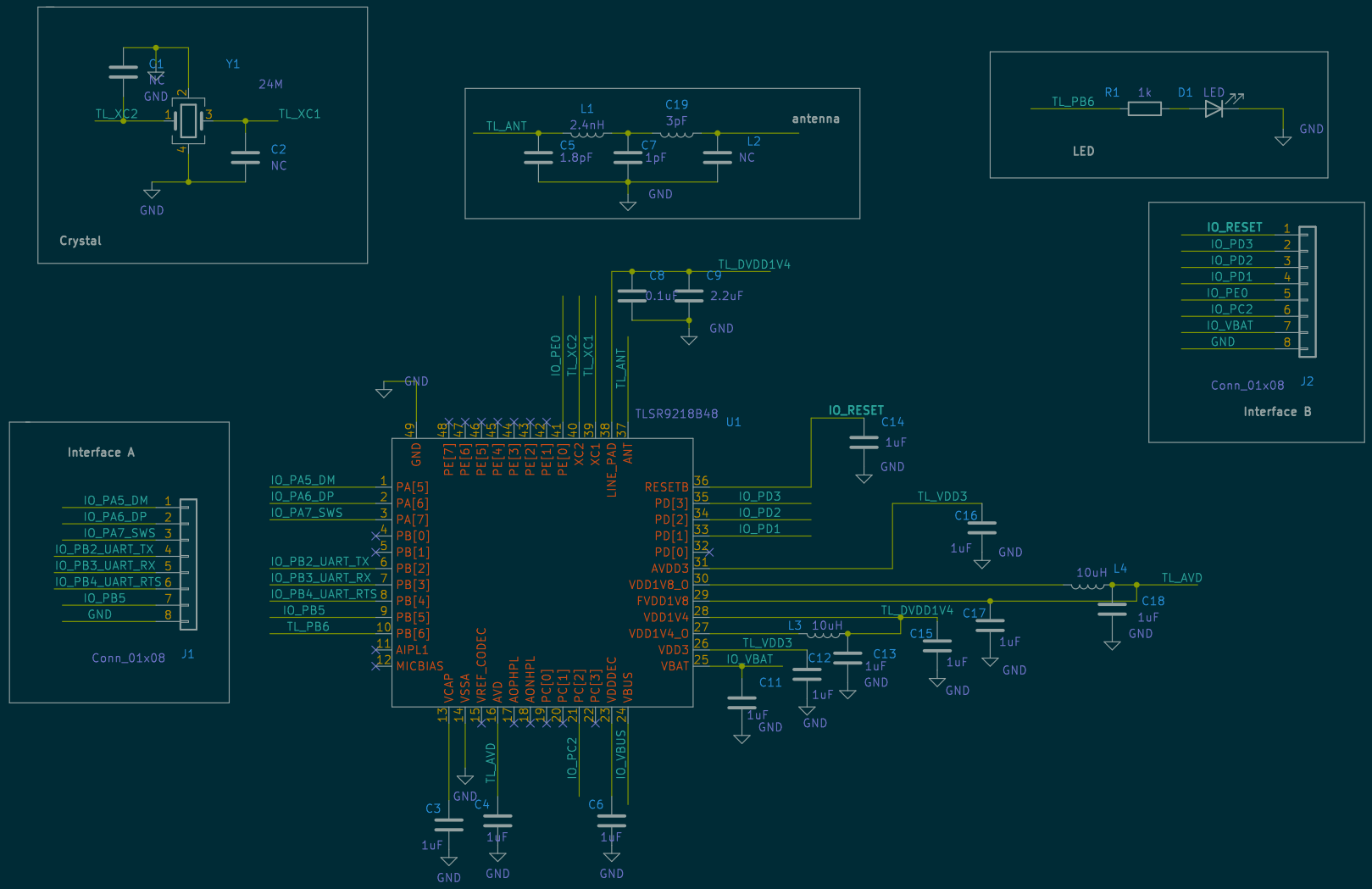
Crystal
C1
NC
GND
Y1
24M
TL_XC2
TL_XC1
C2
NC
GND
antenna
TL_ANT
L1
2.4nH
C19
3pF
C5
1.8pF
C7
1pF
L2
NC
GND
LED
TL_PB6
R1
1k
D1
LED
GND
Interface B
IO_RESET
IO_PD3
IO_PD2
IO_PD1
IO_PE0
IO_PC2
IO_VBAT
GND
Conn_01x08
J2
Interface A
IO_PA5_DM
IO_PA6_DP
IO_PA7_SWS
IO_PB2_UART_TX
IO_PB3_UART_RX
IO_PB4_UART_RTS
IO_PB5
GND
Conn_01x08
J1
TLSR9218B48
U1
TL_DVDD1V4
C8
0.1uF
C9
2.2uF
GND
IO_PE0
TL_XC2
TL_XC1
TL_ANT
GND
PA[5]
PA[6]
PA[7]
PB[0]
PB[1]
PB[2]
PB[3]
PB[4]
PB[5]
PB[6]
AIPL1
MICBIAS
RESETB
PD[3]
PD[2]
PD[1]
PD[0]
AVDD3
VDD1V8_O
FVDD1V8
VDD1V4
VDD1V4_O
VDD3
VBAT
IO_RESET
C14
1uF
GND
TL_VDD3
C16
1uF
GND
10uH
L4
TL_AVD
C18
1uF
GND
TL_DVDD1V4
C17
1uF
GND
C15
1uF
GND
L3
10uH
C13
1uF
GND
C12
1uF
GND
C11
1uF
GND
IO_VBAT
TL_VDD3
VCAP
VSSA
VREF_CODEC
AVD
AOPHPL
AONHPL
PC[0]
PC[1]
PC[2]
PC[3]
VDDDEC
VBUS
TL_AVD
IO_PC2
IO_VBUS
C3
1uF
GND
C4
1uF
GND
C6
1uF
GND