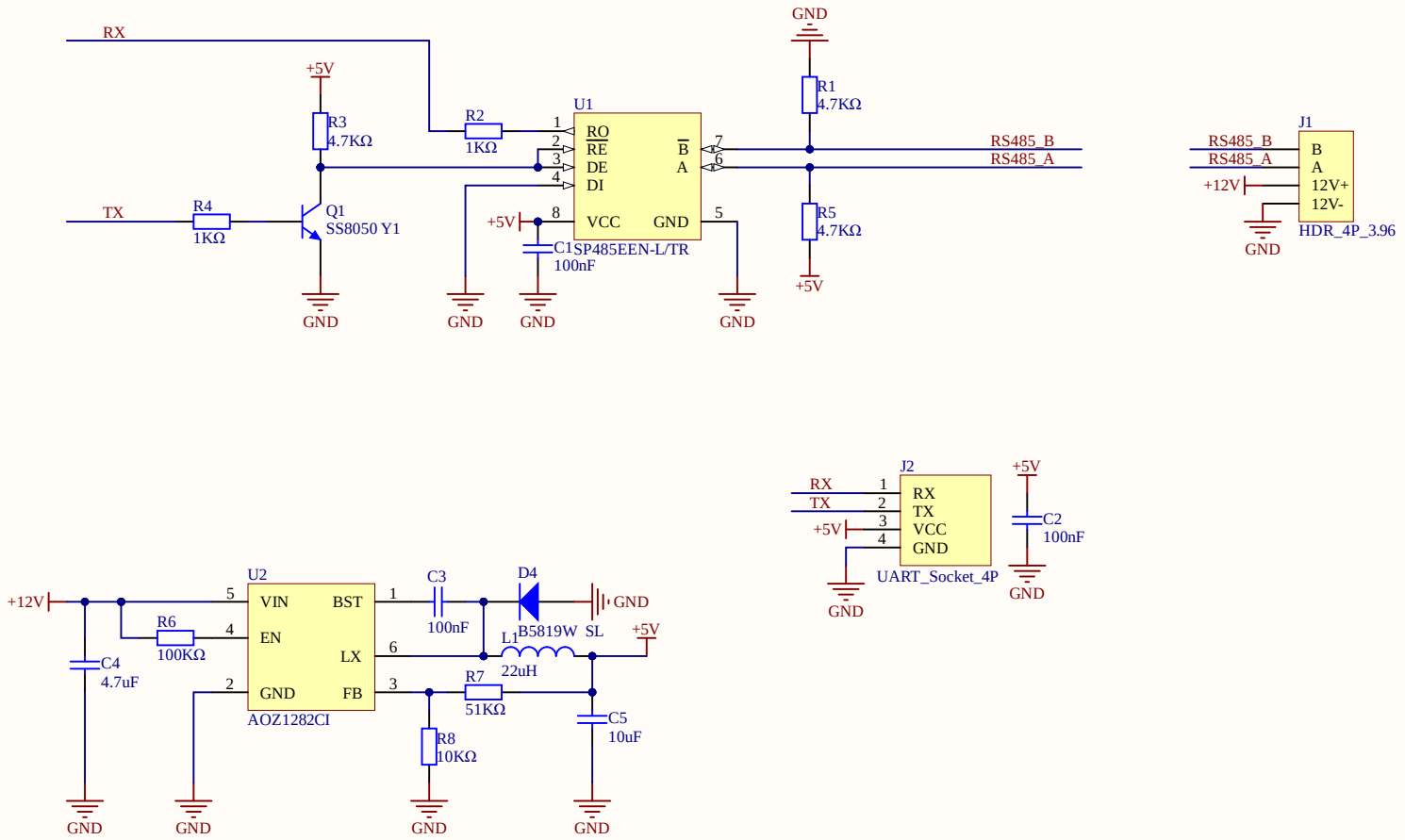

RX
+5V
R3
4.7KΩ
R2
1KΩ
U1
RO
RE
DE
DI
VCC
GND
B
A
R1
4.7KΩ
RS485_B
RS485_A
TX
R4
1KΩ
Q1
SS8050 Y1
C1
100nF
SP485EEN-L/TR
R5
4.7KΩ
GND
J1
12V+
12V-
HDR_4P_3.96
U2
VIN
BST
EN
LX
FB
AOZ1282CI
C3
100nF
D4
B5819W SL
L1
22uH
R6
100KΩ
C4
4.7uF
R7
51KΩ
R8
10KΩ
C5
10uF
+12V
J2
UART_Socket_4P
C2
100nF