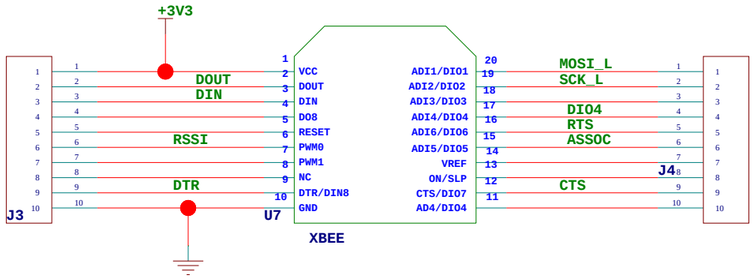
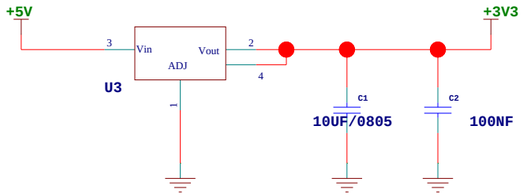
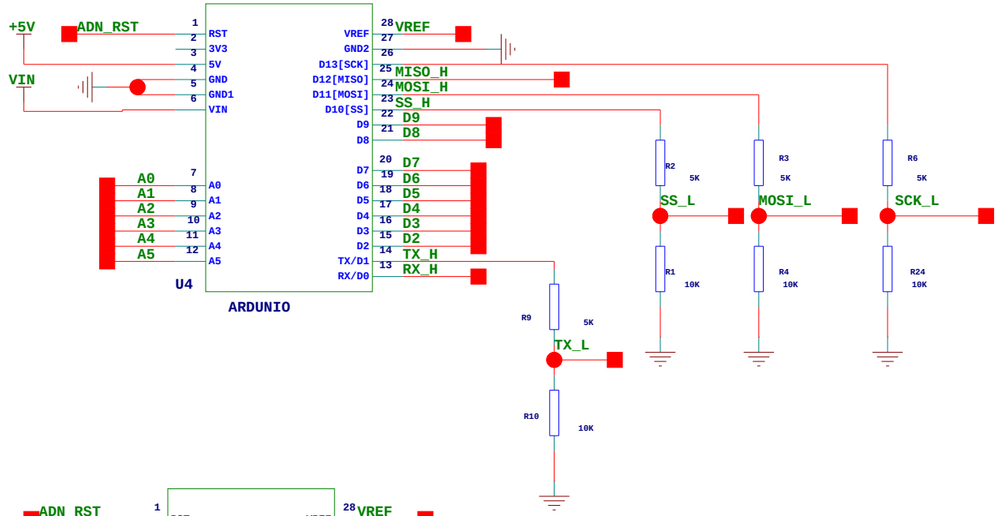
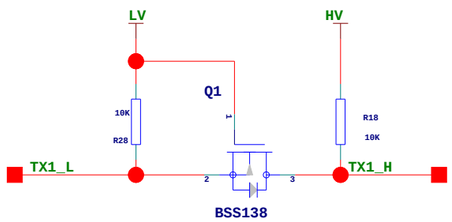
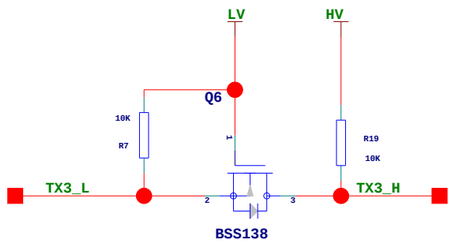
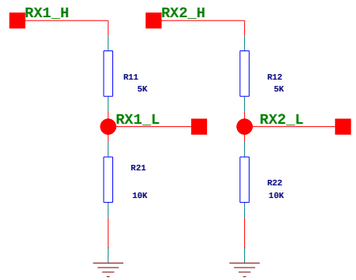

+3V3
DOUT
DIN
RSSI
DTR
J3
U7
VCC
DOUT
DIN
DO8
RESET
PWM0
PWM1
NC
DTR/DIN8
GND
ADI1/DIO1
ADI2/DIO2
ADI3/DIO3
ADI4/DIO4
ADI6/DIO6
ADI5/DIO5
VREF
ON/SLP
CTS/DIO7
AD4/DIO4
MOSI_L
SCK_L
DIO4
RTS
ASSOC
J4
CTS
XBEE

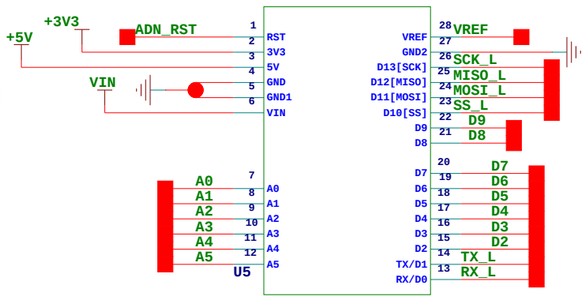

+5V
Vin
Vout
ADJ
U3
C1
10UF/0805
+3V3
C2
100NF

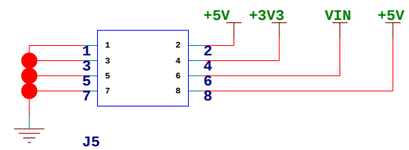

+5V
ADN_RST
VIN
RST
3V3
5V
GND
GND1
VIN
A0
A1
A2
A3
A4
A5
U4
ARDUNIO
VREF
GND2
D13[SCK]
D12[MISO]
D11[MOSI]
D10[SS]
D9
D8
D7
D6
D5
D4
D3
D2
TX/D1
RX/D0
MISO_H
MOSI_H
SS_H
TX_H
RX_H
R2
5K
R3
5K
R6
5K
SS_L
MOSI_L
SCK_L
R1
10K
R4
10K
R24
10K
R9
5K
TX_L
R10
10K

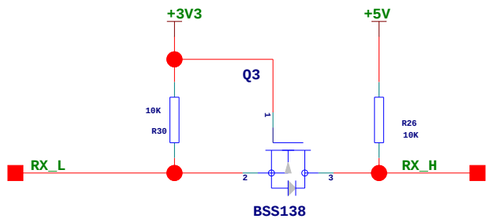

LV
HV
Q1
10K
R28
R18
10K
TX1_L
TX1_H
BSS138

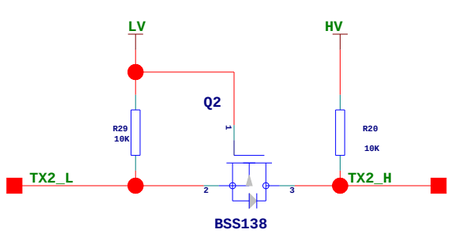

LV
HV
Q6
10K
R7
R19
10K
TX3_L
TX3_H
BSS138

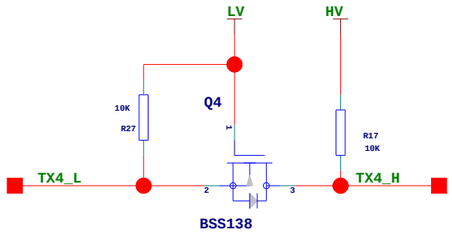

RX1_H
RX2_H
R11
5K
R12
5K
RX1_L
RX2_L
R21
10K
R22
10K

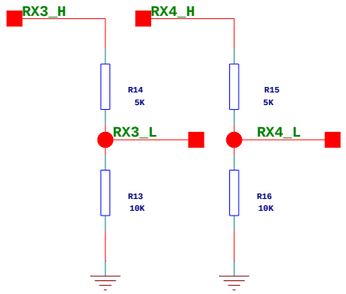

+3V3
+5V
ADN_RST
VIN
RST
3V3
5V
GND
GND1
VIN
A0
A1
A2
A3
A4
A5
U5
ARDUNIO
VREF
GND2
D13[SCK]
D12[MISO]
D11[MOSI]
D10[SS]
D9
D8
D7
D6
D5
D4
D3
D2
TX/D1
RX/D0
SCK_L
MISO_L
MOSI_L
SS_L
TX_L
RX_L

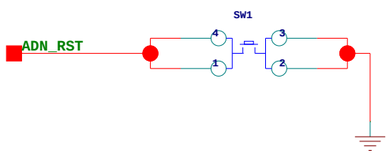

+5V
+3V3
VIN
+5V
J5

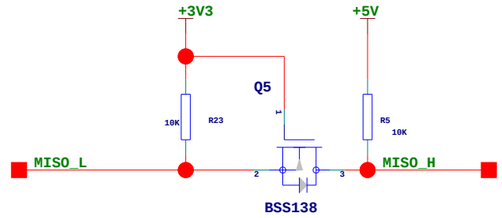

+3V3
+5V
Q3
10K
R30
R26
10K
RX_L
RX_H
BSS138

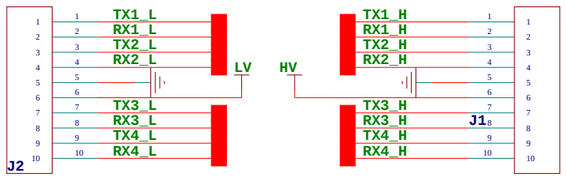

LV
HV
Q2
R29
10K
R20
10K
TX2_L
TX2_H
BSS138


LV
HV
Q4
10K
R27
R17
10K
TX4_L
TX4_H
BSS138

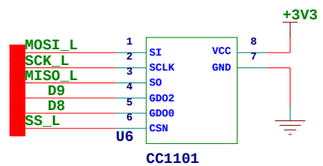

RX3_H
RX4_H
R14
5K
R15
5K
RX3_L
RX4_L
R13
10K
R16
10K

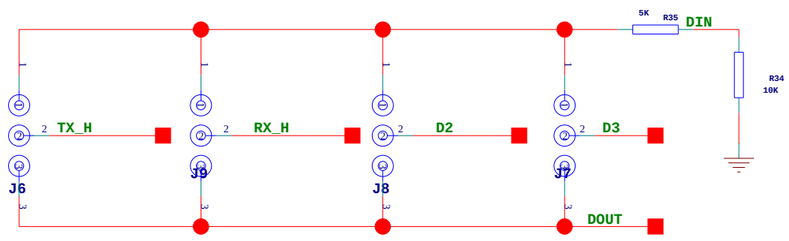

SW1
ADN_RST

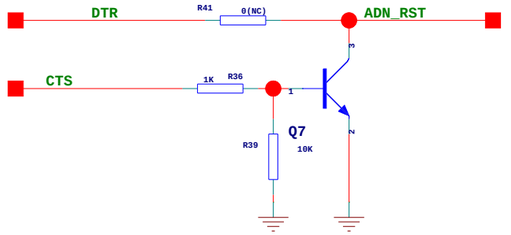

+3V3
+5V
Q5
10K
R23
R5
10K
MISO_L
MISO_H
BSS138

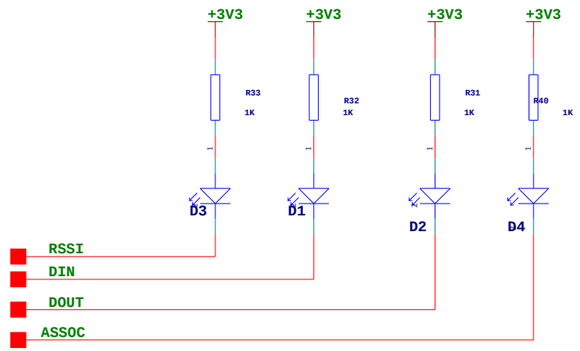

TX1_L
RX1_L
TX2_L
RX2_L
LV
TX3_L
RX3_L
TX4_L
RX4_L
J2

TX1_H
RX1_H
TX2_H
RX2_H
HV
TX3_H
RX3_H
TX4_H
RX4_H
J1


+3V3
MOSI_L
SCK_L
MISO_L
D9
D8
SS_L
SI
SCLK
SO
GDO2
GDO0
CSN
VCC
GND
U6
CC1101


5K
R35
DIN
R34
10K
TX_H
RX_H
D2
D3
J6
J9
J8
J7
DOUT


DTR
R41
0(NC)
ADN_RST
CTS
1K
R36
R39
Q7
10K


+3V3
+3V3
+3V3
+3V3
R33
1K
R32
1K
R31
1K
R40
1K
D3
D1
D2
D4
RSSI
DIN
DOUT
ASSOC