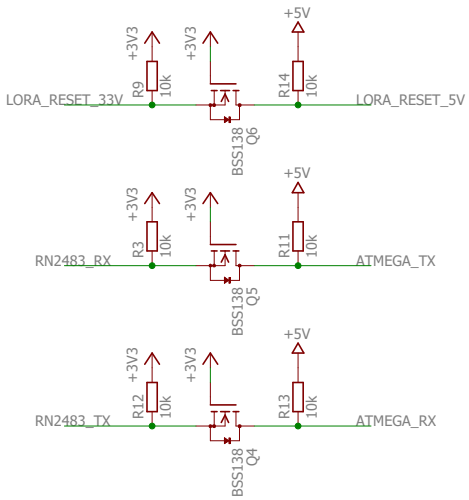
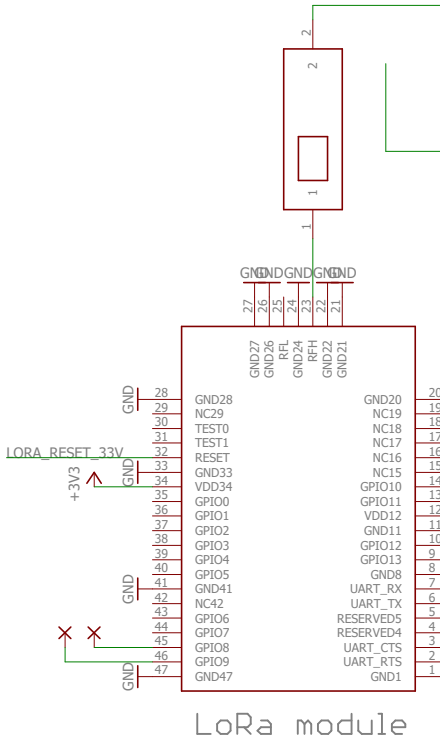
Level shifters

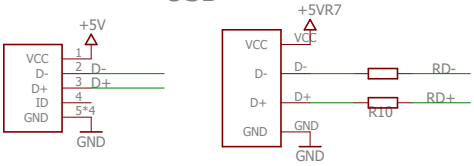




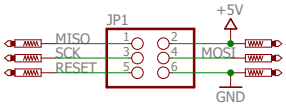
LoRa module

Connectors

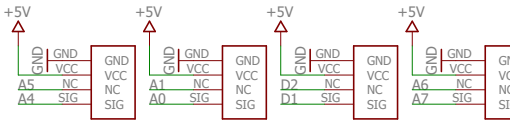
USB



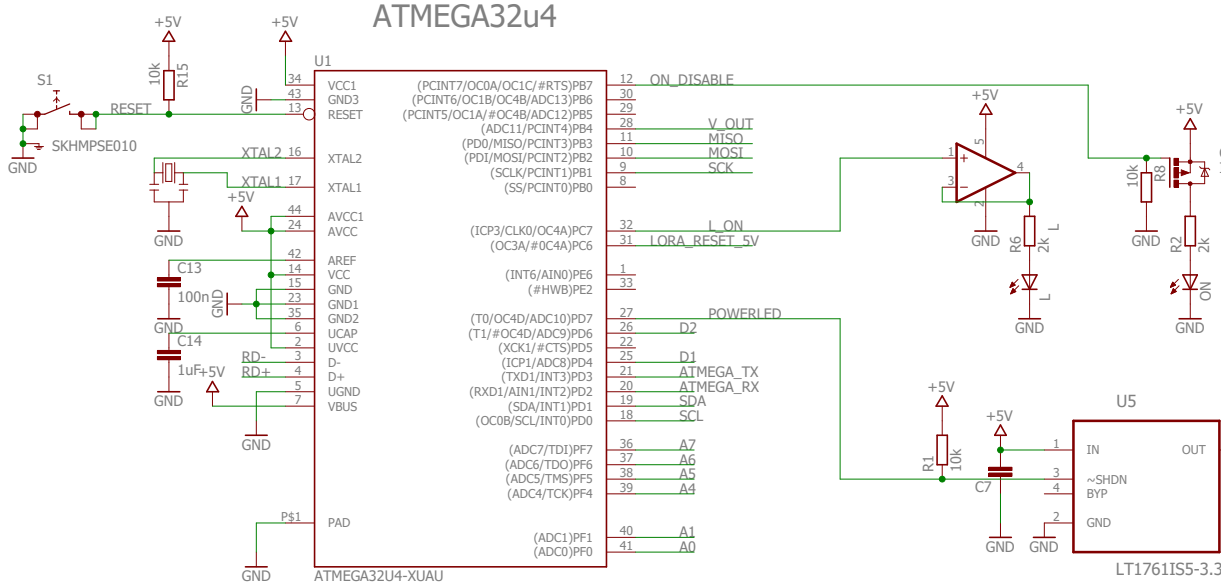
ISP header



Grove connectors

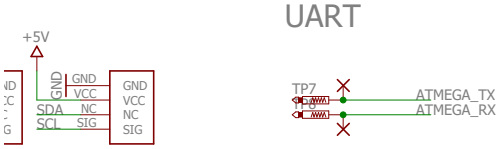


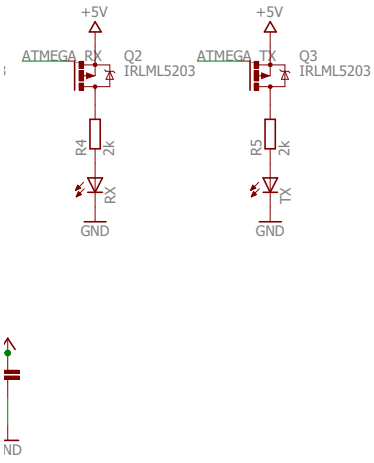
ATMEGA32u4



LDO

GND
+3V3
GND
GND
RN2483_RX
RN2483_TX
GND


UART
+5V
GND
GND
VCC
SDA
NC
SCL
SIG
GND
VCC
NC
SIG
TP7
ATMEGA_TX
ATMEGA_RX


+5V
ATMEGA_RX
Q2
IRLML5203
R4
2k
RX
GND
+5V
ATMEGA_TX
Q3
IRLML5203
R5
2k
TX
GND

ND