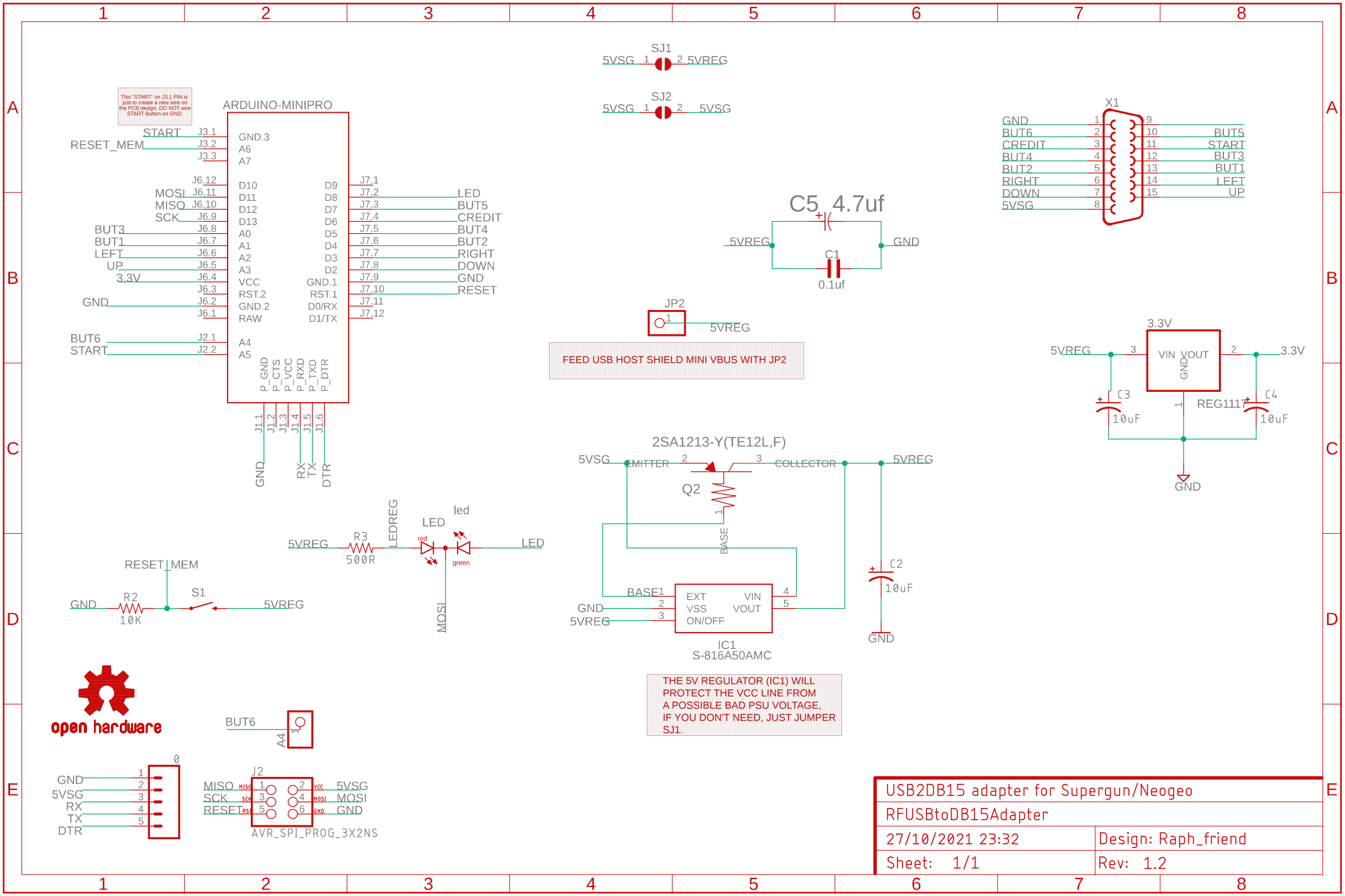
ARDUINO-MINIPRO
This "START" on J3.1 PIN is just to create a new wire on the PCB design, DO NOT wire START Button on GND.
START J3.1
RESET_MEM J3.2
J3.3
GND.3
A6
A7
J6.12 D10
MOSI J6.11 D11
MISO J6.10 D12
SCK J6.9 D13
BUT3 J6.8 A0
BUT1 J6.7 A1
LEFT J6.6 A2
UP J6.5 A3
3.3V J6.4 VCC
J6.3 RST.2
GND J6.2 GND.2
J6.1 RAW
BUT6 J2.1 A4
START J2.2 A5
D9 J7.1
D8 J7.2 LED
D7 J7.3 BUT5
D6 J7.4 CREDIT
D5 J7.5 BUT4
D4 J7.6 BUT2
D3 J7.7 RIGHT
D2 J7.8 DOWN
GND.1 J7.9 GND
RST.1 J7.10 RESET
D0/RX J7.11
D1/TX J7.12
P_GND P_CTS P_VCC P_RXD P_TXD P_DTR
J1.1 J1.2 J1.3 J1.4 J1.5 J1.6
GND RX TX DTR
SJ1
5VSG 1 2 5VREG
SJ2
5VSG 1 2 5VSG
X1
GND 1 9
BUT6 2 10 BUT5
CREDIT 3 11 START
BUT4 4 12 BUT3
BUT2 5 13 BUT1
RIGHT 6 14 LEFT
DOWN 7 15 UP
5VSG 8
C5 4.7uf
5VREG
GND
C1
0.1uf
JP2
1
5VREG
FEED USB HOST SHIELD MINI VBUS WITH JP2
3.3V
5VREG 3 VIN VOUT 2 3.3V
GND
REG1117
C3 10uF
C4 10uF
GND
2SA1213-Y(TE12L,F)
5VSG EMITTER 2
3 COLLECTOR 5VREG
Q2
1 BASE
BASE1 EXT VIN 4
GND 2 VSS VOUT 5
5VREG 3 ON/OFF
IC1
S-816A50AMC
C2 10uF
GND
THE 5V REGULATOR (IC1) WILL PROTECT THE VCC LINE FROM A POSSIBLE BAD PSU VOLTAGE, IF YOU DON'T NEED, JUST JUMPER SJ1.
5VREG R3 500R LEDREG
LED
led
red
green
LED
MOSI
RESET_MEM
GND R2 10K
S1
5VREG
open hardware
BUT6
A4 1
0
GND 1
5VSG 2
RX 3
TX 4
DTR 5
J2
MISO MISO 1 2 VCC 5VSG
SCK SCK 3 4 MOSI MOSI
RESET RST 5 6 GND GND
AVR_SPI_PROG_3X2NS
USB2DB15 adapter for Supergun/Neogeo
RFUSBtoDB15Adapter
27/10/2021 23:32
Design: Raph_friend
Sheet: 1/1
Rev: 1.2