KiBot variants example
Not a real life board

J1
Barrel_Jack_Switch

+5V PWR_FLAG

C1 47uF
C2 100nF
GND GND
PWR_FLAG
GND

VBUS +5V
C6 100nF
C7 100nF
GND

+5V +5V
D1 R4 10K
CD1206-S01575
RESET2

TP6 TestPoint

U1
24 PC1/RESET
1   XTAL1
2   PC0/XTAL2
29 D+
30 D-
27 UCAP

31 UVCC
4 VCC
32 AVCC

PB0 14
PB1 15 SCK2
PB2 16 MOSI2
PB3 17 MISO2
PB4 18
PB5 19
PB6 20
PB7 21

PC2 5
PC4 26
PC5 25
PC6 23
PC7 22

PD0 6
PD1 7
PD2 8
PD3 9
PD4 10 RXLED
PD5 11 TXLED
PD6 12
HWB/PD7 13 DTR

28 UGND
3 GND

ATmega8U2-AU

J5 ICSP1 +5V
MISO2 1   2
SCK2 3   4 MOSI2
RESET2 5   6
GND

J4 2x2M
1   2
3   4

J3 P1
5
4
3
2
1

J6 P2
6
5
4
3
2
1

+5V +5V
R6 1K R7 1K
D2 LED D3 LED

TP8 TestPoint
Y1 16MHz
R3 1M

C3 22pF
C4 22pF
GND GND

TP9 TestPoint

R5 1K C8 100nF
GND GND

PWR_FLAG VBUS
TP2 TestPoint
F1 MF-MSMF050-2
J2 USB_B
TP3 TestPoint
VBUS 1
TP5 TestPoint
D+ 3 R1 22R
D- 2 R2 22R
Shield
5 4
CG0603MLC-05E
VR1 VR2 CG0603MLC-05E
TP4 TestPoint
FB1 BLM21PG221SN1D

JP1 SolderJumper_2_Open
GND

C5 1uF

This logo has a REF starting with #
Won't be passed to the PCB
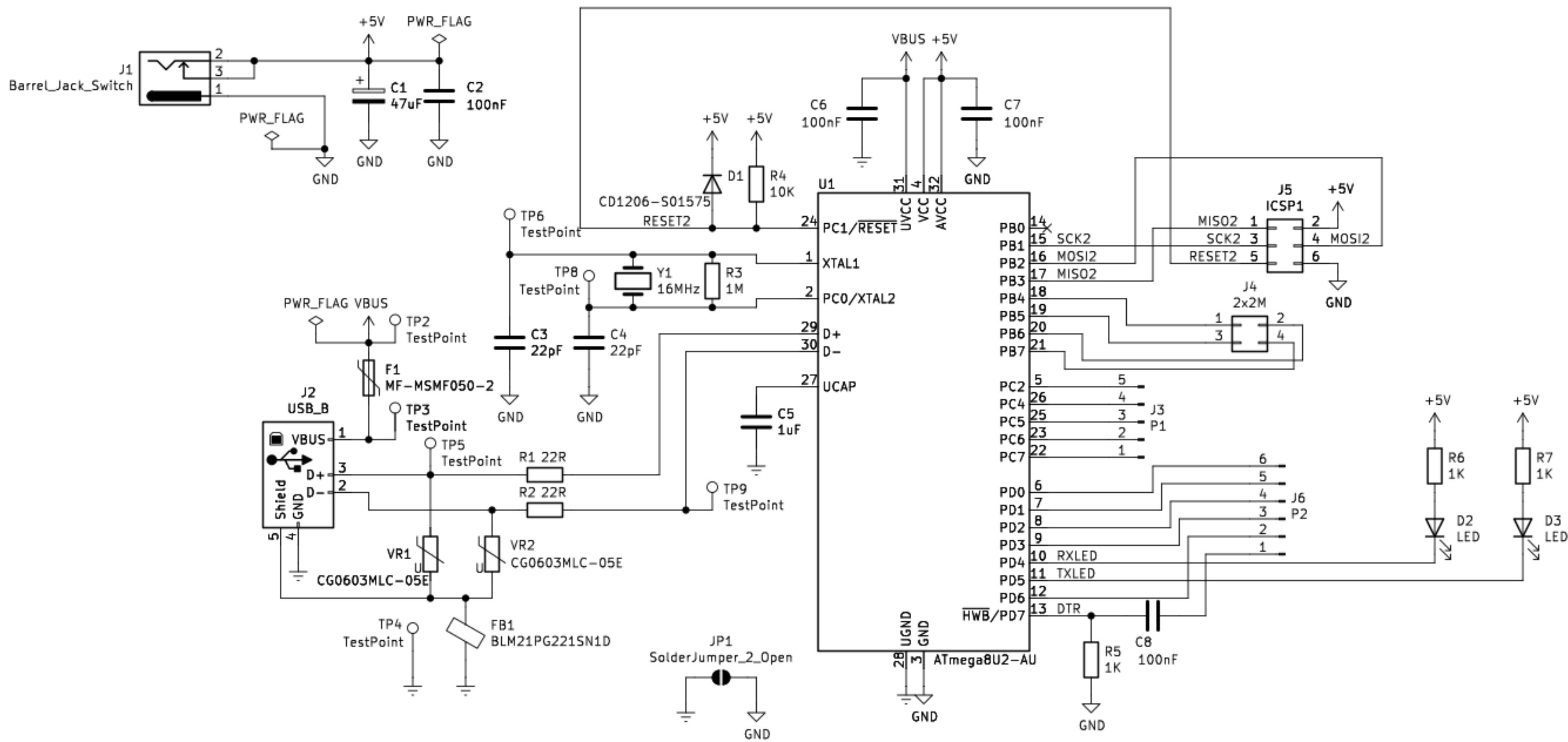
H1 MountingHole
H2 MountingHole
H3 MountingHole
H4 MountingHole

FID1 Fiducial
FID2 Fiducial
FID3 Fiducial
FID4 Fiducial