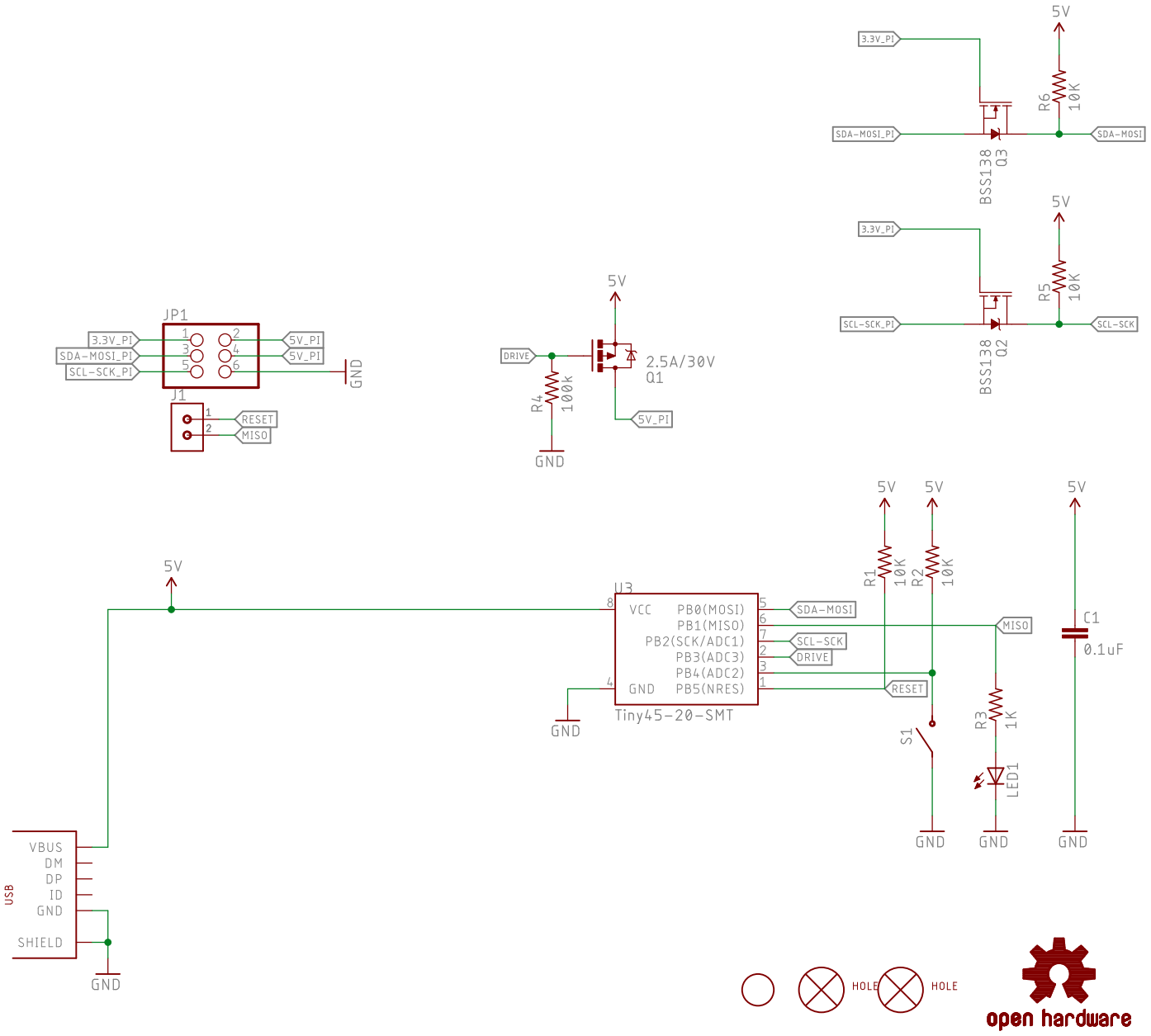
5V
3.3V_PI
R6
10K
SDA-MOSI_PI
SDA-MOSI
BSS138
Q3
5V
3.3V_PI
R5
10K
SCL-SCK_PI
SCL-SCK
BSS138
Q2
JP1
3.3V_PI
SDA-MOSI_PI
SCL-SCK_PI
5V_PI
5V_PI
GND
J1
RESET
MISO
5V
DRIVE
2.5A/30V
Q1
R4
100k
5V_PI
GND
5V
5V
5V
R1
10K
R2
10K
C1
0.1uF
5V
U3
VCC
PB0(MOSI)
PB1(MISO)
PB2(SCK/ADC1)
PB3(ADC3)
PB4(ADC2)
GND
PB5(NRES)
SDA-MOSI
MISO
SCL-SCK
DRIVE
RESET
Tiny45-20-SMT
GND
S1
R3
1K
LED1
GND
GND
GND
USB
VBUS
DM
DP
ID
GND
SHIELD
GND
HOLE
HOLE
open hardware