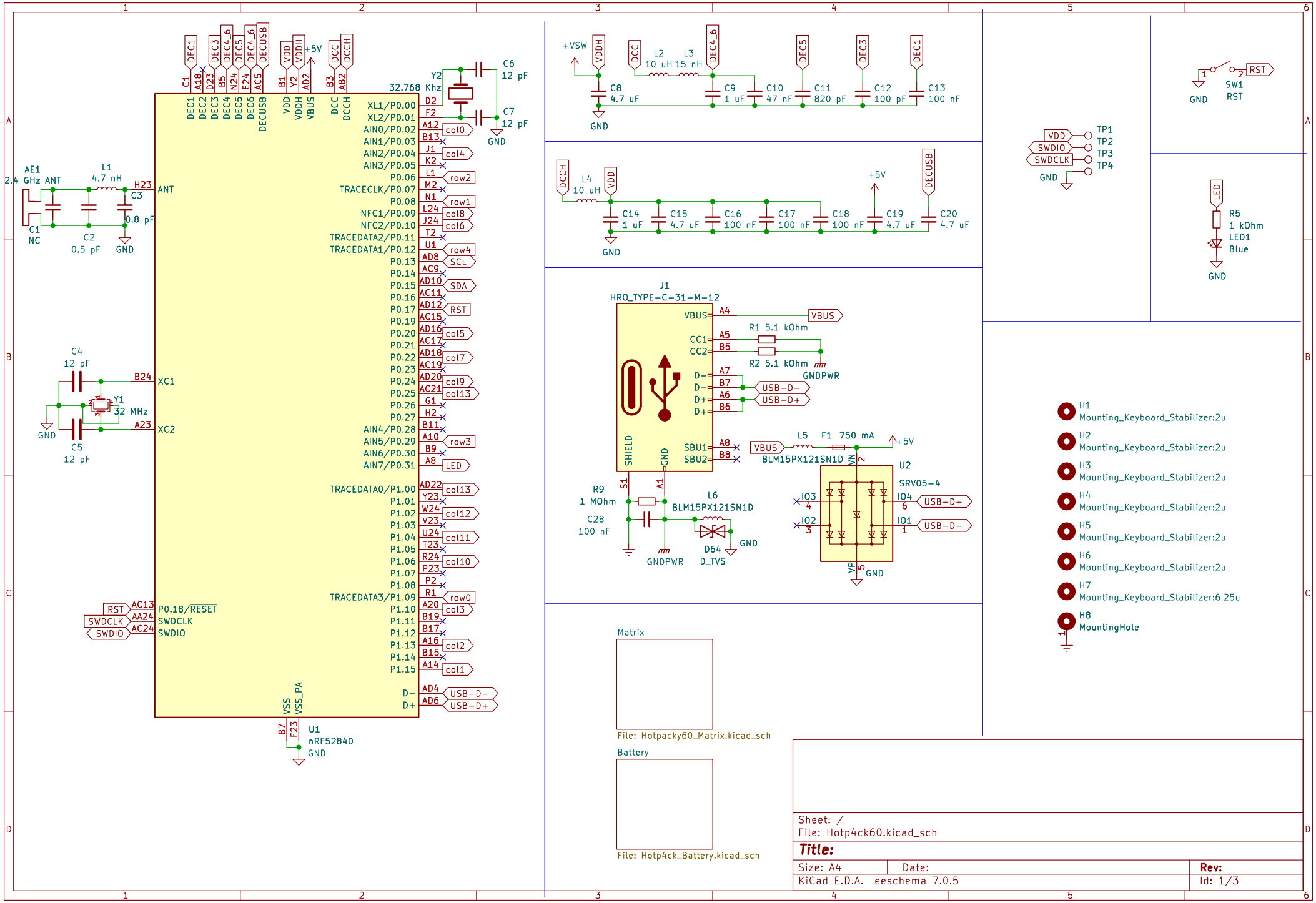
U1
nRF52840
AE1
2.4 GHz ANT
L1
4.7 nH
C1
NC
C2
0.5 pF
C3
0.8 pF
C4
12 pF
C5
12 pF
Y1
32 MHz
Y2
32.768 Khz
C6
12 pF
C7
12 pF
C8
4.7 uF
C9
1 uF
C10
47 nF
C11
820 pF
C12
100 pF
C13
100 nF
L2
10 uH
L3
15 nH
C14
1 uF
C15
4.7 uF
C16
100 nF
C17
100 nF
C18
100 nF
C19
4.7 uF
C20
4.7 uF
L4
10 uH
J1
HRO_TYPE-C-31-M-12
R1 5.1 kOhm
R2 5.1 kOhm
R9
1 MOhm
C28
100 nF
L5
BLM15PX121SN1D
L6
BLM15PX121SN1D
F1 750 mA
D64
D_TVS
U2
SRV05-4
SW1
RST
TP1
TP2
TP3
TP4
R5
1 kOhm
LED1
Blue
H1
Mounting_Keyboard_Stabilizer:2u
H2
Mounting_Keyboard_Stabilizer:2u
H3
Mounting_Keyboard_Stabilizer:2u
H4
Mounting_Keyboard_Stabilizer:2u
H5
Mounting_Keyboard_Stabilizer:2u
H6
Mounting_Keyboard_Stabilizer:2u
H7
Mounting_Keyboard_Stabilizer:6.25u
H8
MountingHole
Matrix
File: Hotpacky60_Matrix.kicad_sch
Battery
File: Hotp4ck_Battery.kicad_sch
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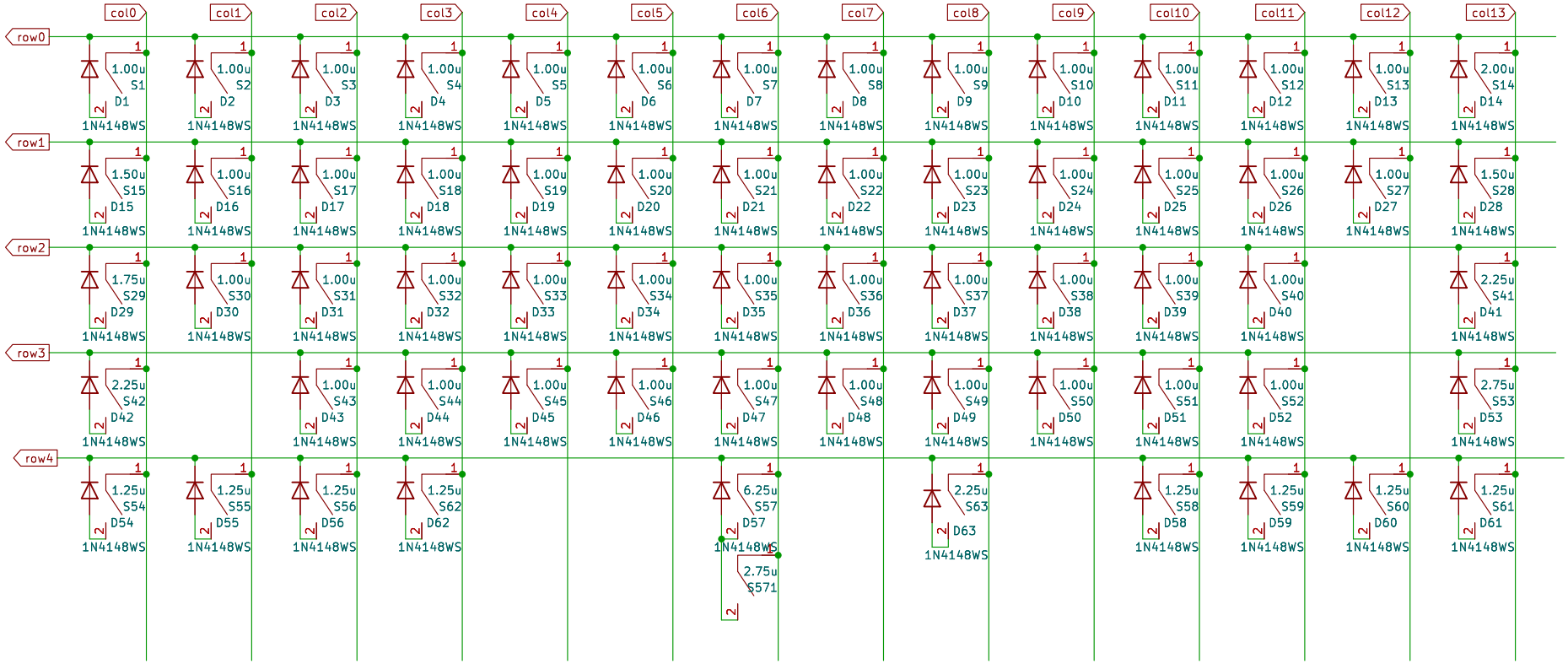
File: Hotp4ck60.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. eeschema 7.0.5
Id: 1/3



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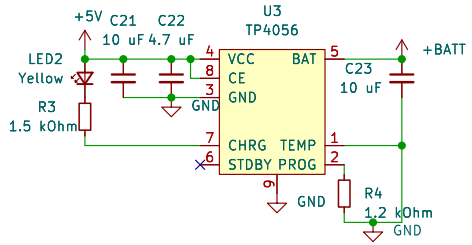
File: Hotpacky60_Matrix.kicad_sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema 7.0.5		Id: 2/3

Battery Charger

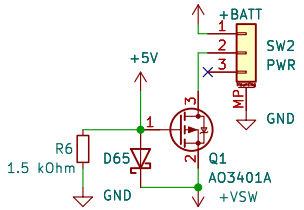


$I_{BAT} = V_{PROG} / R_{PROG} * 1200$

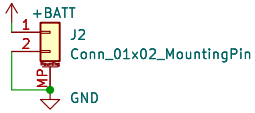
1 A = 1 V / R4 * 1200

R4 = 1200 Ohm

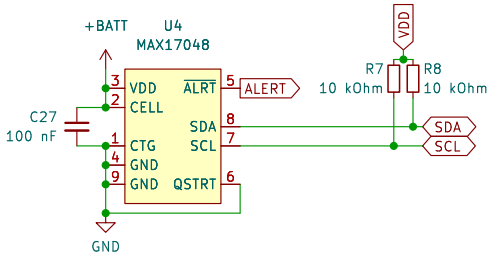
Power Selector



Battery Connector



Battery Measurement



Sheet: /Battery/
File: Hotp4ck_Battery.kicad_sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema 7.0.5		Id: 3/3