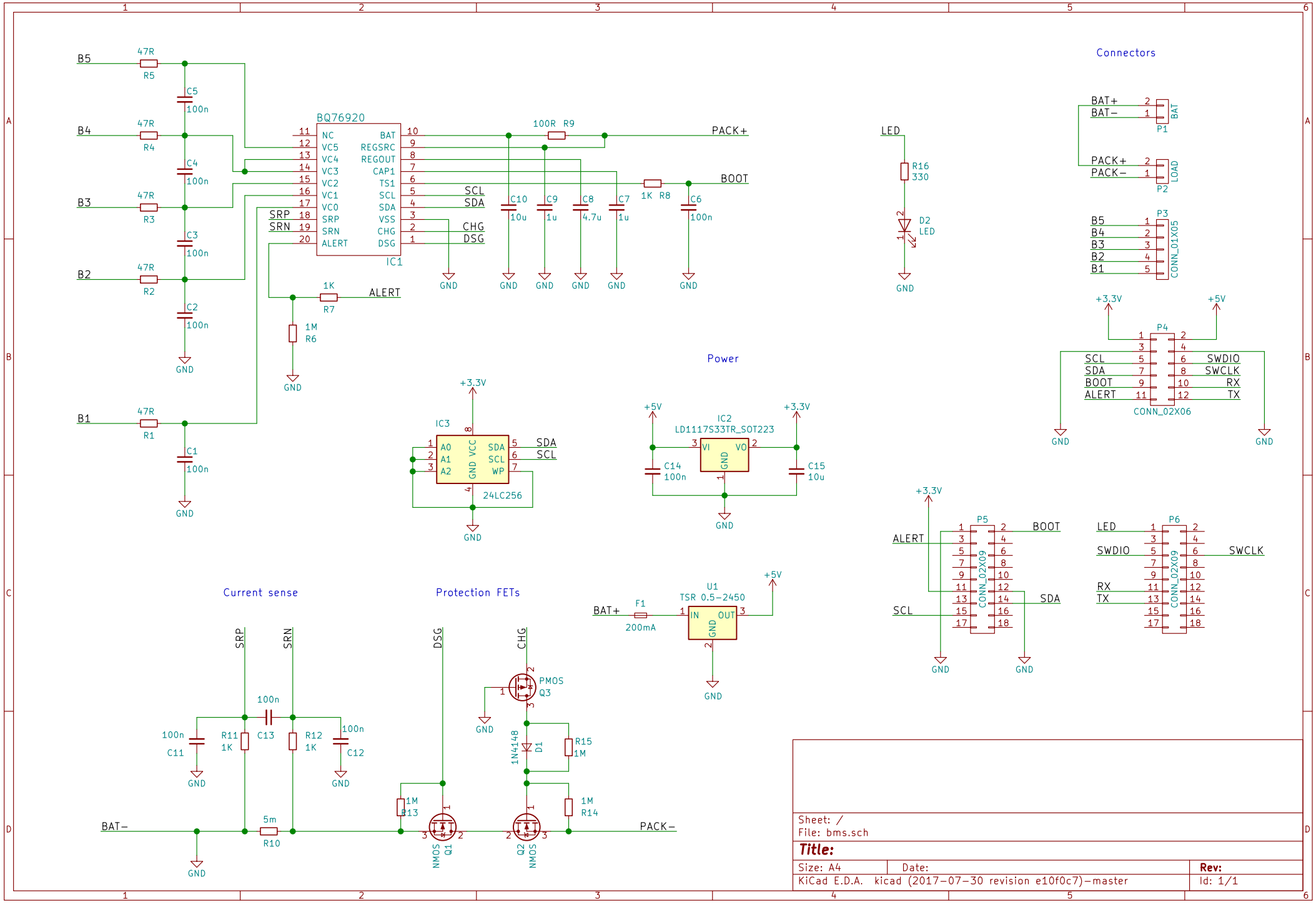
BQ76920
IC1
NC
VC5
VC4
VC3
VC2
VC1
VC0
SRP
SRN
ALERT
BAT
REGSRC
REGOUT
CAP1
TS1
SCL
SDA
VSS
CHG
DSG
B5
B4
B3
B2
B1
R5
R4
R3
R2
R1
C5
C4
C3
C2
C1
100n
47R
PACK+
BOOT
100R R9
1K R8
C10
10u
C9
1u
C8
4.7u
C7
1u
C6
100n
GND
1K
R7
1M
R6
ALERT
LED
R16
330
D2
LED
Connectors
BAT+
BAT−
P1
BAT
PACK+
PACK−
P2
LOAD
P3
CONN_01X05
+3.3V
+5V
P4
CONN_02X06
SWDIO
SWCLK
RX
TX
IC3
24LC256
A0
A1
A2
VCC
WP
Power
IC2
LD1117S33TR_SOT223
VI
VO
C14
100n
C15
10u
P5
CONN_02X09
P6
Current sense
SRP
SRN
C11
C12
C13
R11
1K
R12
1K
R10
5m
BAT−
Protection FETs
DSG
CHG
PMOS
Q3
1N4148
D1
R15
1M
R14
R13
NMOS
Q1
Q2
PACK−
U1
TSR 0.5−2450
IN
OUT
F1
200mA
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Size: A4
Date:
Rev:
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