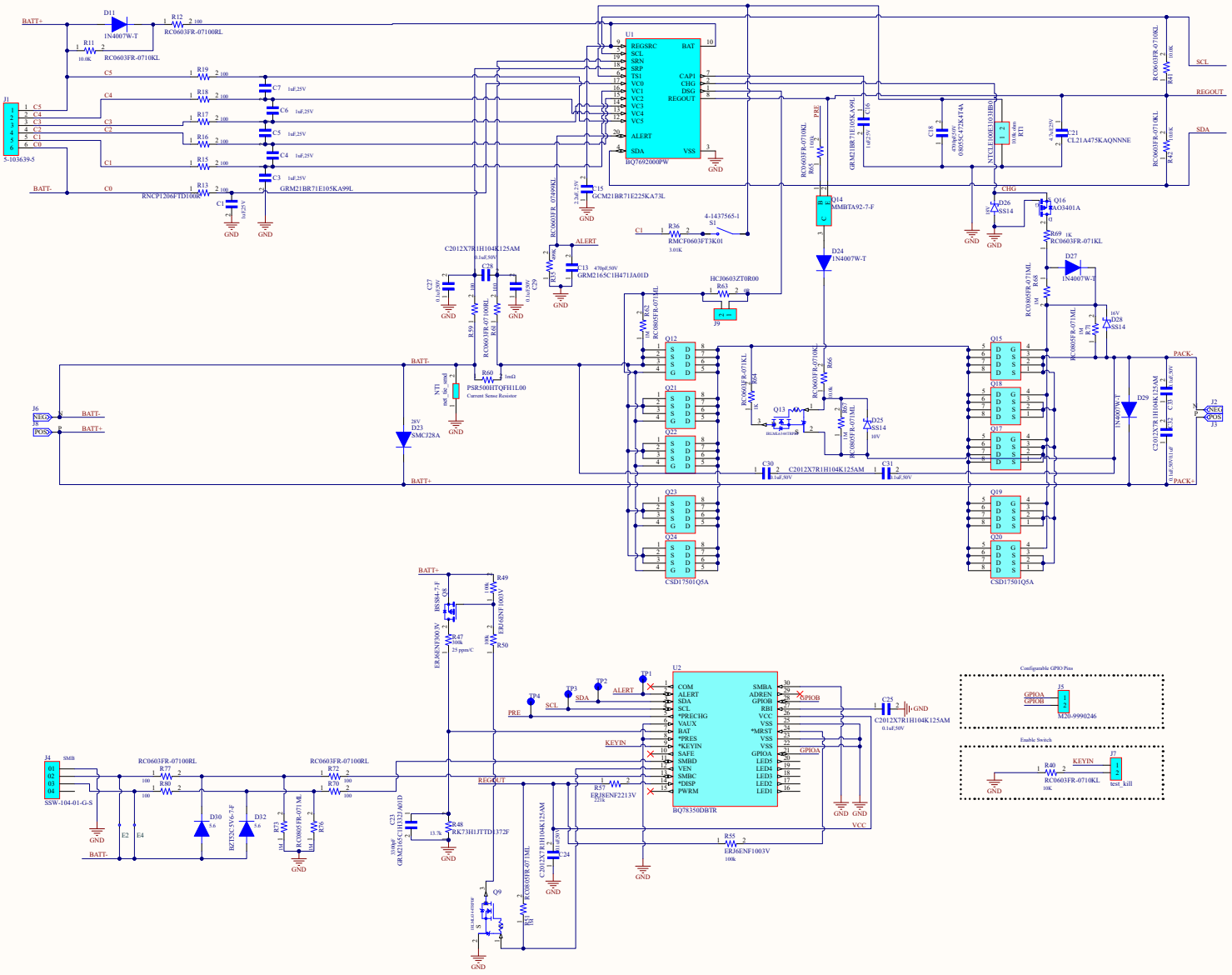
U1
BQ76920DDPW
REGSRC
SCL
SRN
SRP
TS1
VC0
VC1
VC2
VC3
VC4
VC5
ALERT
SDA
BAT
CAP1
CHG
DSG
REGOUT
VSS
U2
BQ78350DBTR
COM
ALERT
SDA
SCL
*PRECHG
VAUX
BAT
*PRES
*KEYIN
SAFE
SMBD
VEN
SMBC
*DISP
PWRM
SMBA
ADREN
GPIOB
RBI
VCC
VSS
*MRST
VSS
VSS
GPIOA
LED5
LED4
LED3
LED2
LED1
J1
5-103639-5
J2
J3
J4
SSW-104-01-G-S
J5
M20-9990246
J6
J7
test_kill
J9
Q12
Q21
Q22
Q23
Q24
Q15
Q18
Q17
Q19
Q20
CSD17501Q5A
Q13
Q14
MMBTA92-7-F
Q16
AO3401A
Q9
Q8
BSS84-7-F
D11
1N4007W-T
D23
SMC328A
D24
1N4007W-T
D27
1N4007W-T
D29
1N4007W-T
D25
SS14
D26
SS14
D28
SS14
D30
BZT52C5V6-7-F
D32
BZT52C5V6-7-F
NT1
PSR5001TQFH1L00
Current Sense Resistor
R60
1mΩ
R47
100k
-25 ppm/C
R48
13.7k
RK73H1JTTD1372F
R49
110k
ERJ6GNF1003V
R50
10k
ERJ6GNF1003V
R57
ERJ8ENF2213V
221k
R55
ERJ6ENF1003V
100k
R40
RC0603FR-0710KL
10K
R69
1K
RC0603FR-071KL
R36
RMCF0603FT3K01
3.01K
S1
4-1437565-1
HC06603ZT0R00
R63
C25
C2012X7R1H104K125AM
0.1uF,50V
C30
C2012X7R1H104K125AM
0.1uF,50V
C31
0.1uF,50V
C2012X7R1H104K125AM
0.1uF,50V
C24
1uF,50V
C23
3100pF
GRM2165C1H332JA01D
C15
GCM21BR71E225KA73L
C13
470pF,50V
GRM2165C1H471JA01D
C21
CL21A475KAQNNNE
C16
1uF,25V
GRM21BR71E105KA99L
C18
470pF,50V
GRM155R71H471JA01D
C27
0.1uF,50V
C28
0.1uF,50V
C29
0.1uF,50V
C2012X7R1H104K125AM
0.1uF,50V
C1
10uF,25V
C7
1uF,25V
C6
1uF,25V
C5
1uF,25V
C4
1uF,25V
C3
1uF,25V
GRM21BR71E105KA99L
R12
RC0603FR-07100RL
R11
10.0K
RC0603FR-0710KL
R13
RNCP1206FTD100R
R19
R18
R17
R16
R15
R77
R80
R72
R70
R73
RC0805FR-071ML
R76
R64
RC0603FR-0710KL
R65
RC0603FR-0710KL
R66
RC0603FR-0710KL
R67
RC0603FR-071KL
R68
RC0805FR-071ML
R62
RC0805FR-071ML
R61
RC0805FR-071ML
R59
RC0603FR-07100RL
R61
RC0603FR-07100RL
R71
RC0805FR-071ML
R70
RC0805FR-071ML
R74
RC0805FR-071ML
R75
RC0805FR-071ML
R54
RC0603FR-071KL
R53
RC0805FR-071ML
R52
RC0805FR-071ML
R51
RC0805FR-071ML
R44
RC0603FR-0710KL
R43
RC0603FR-071KL
R41
RC0603FR-0710KL
R42
RC0603FR-071KL
R37
RC0805FR-071ML
R38
RC0805FR-071ML
R39
RC0805FR-071ML
R35
RC0805FR-071ML
R34
RC0805FR-071ML
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RC0805FR-071ML
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RC0805FR-071ML
R20
RC0805FR-071ML
R14
RC0805FR-071ML
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RC0805FR-071ML
R7
RC0805FR-071ML
R6
RC0805FR-071ML
R5
RC0805FR-071ML
R4
RC0805FR-071ML
R3
RC0805FR-071ML
R2
RC0805FR-071ML
R1
RC0805FR-071ML
TP1
TP2
TP3
TP4
Configurable GPIO Pins
Enable Switch
BATT+
BATT-
PACK+
PACK-
SCL
SDA
REGOUT
ALERT
PRE
KEYIN
CHG
GND
VCC