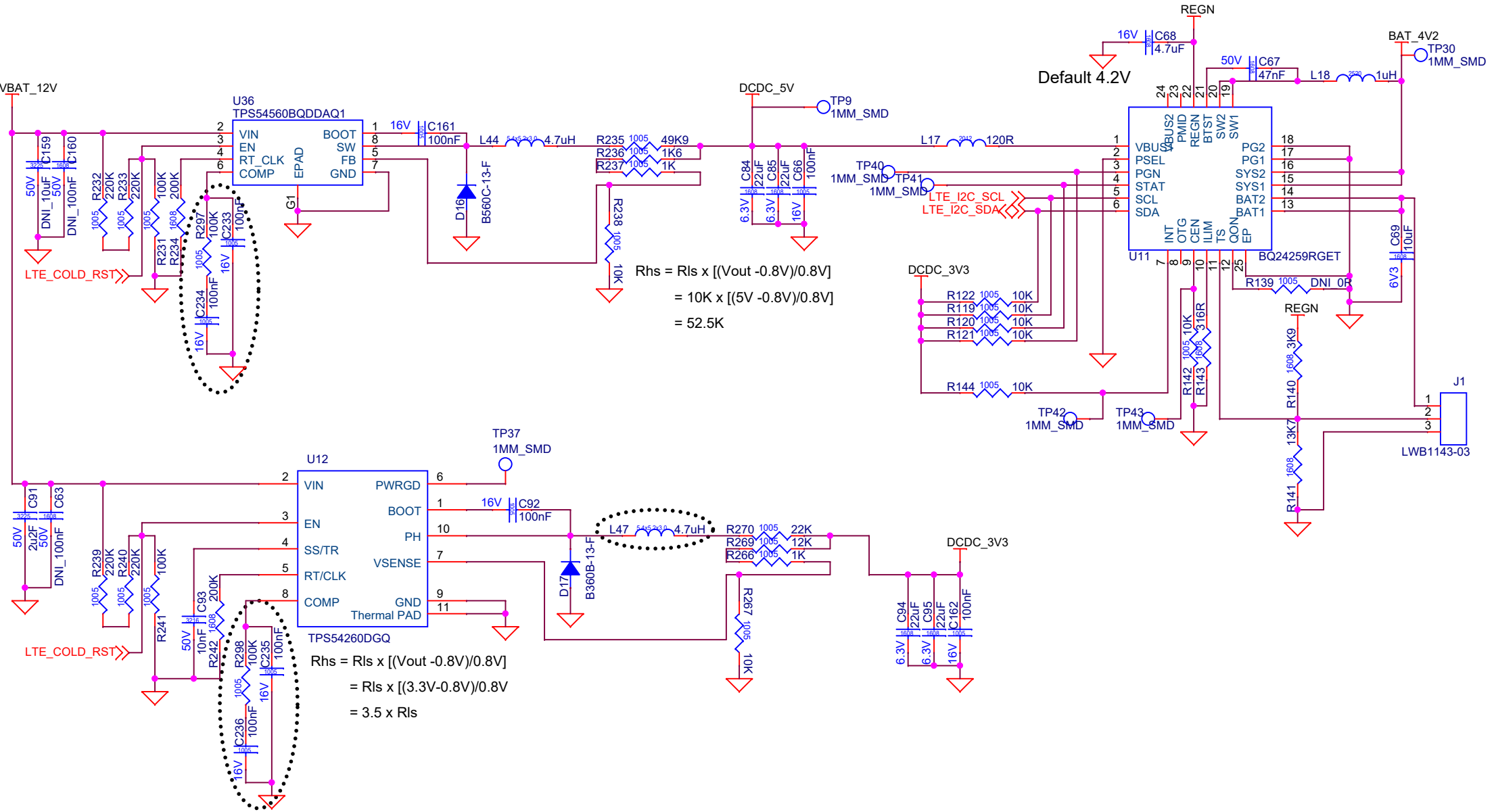
VBAT_12V
U36
TPS54560BQDDAQ1
VIN
EN
RT_CLK
COMP
BOOT
SW
FB
GND
EPAD
G1
C159
C160
DNI_10uF
DNI_100nF
R232
R233
R231
R234
R297
C233
C234
LTE_COLD_RST
C161
100nF
L44
4.7uH
D16
B560C-13-F
R235
R236
R237
R238
49K9
1K6
1K
10K
DCDC_5V
TP9
1MM_SMD
C84
C85
C66
22uF
100nF
L17
120R
TP40
TP41
LTE_I2C_SCL
LTE_I2C_SDA
Rhs = Rls x [(Vout -0.8V)/0.8V]
= 10K x [(5V -0.8V)/0.8V]
= 52.5K
Default 4.2V
REGN
C68
4.7uF
C67
47nF
L18
1uH
BAT_4V2
TP30
1MM_SMD
U11
BQ24259RGET
VBUS
PSEL
PGN
STAT
SCL
SDA
VBUS2
PMID
REGN
BTST
SW2
SW1
PG2
PG1
SYS2
SYS1
BAT2
BAT1
INT
OTG
CEN
ILIM
TS
QON
EP
C69
10uF
6V3
R139
DNI_0R
DCDC_3V3
R122
R119
R120
R121
R144
10K
R142
R143
316R
R140
3K9
R141
13K7
TP42
TP43
1MM_SMD
J1
LWB1143-03
U12
TPS54260DGQ
VIN
EN
SS/TR
RT/CLK
COMP
PWRGD
BOOT
PH
VSENSE
GND
Thermal Pad
TP37
1MM_SMD
C91
C63
2u2F
DNI_100nF
R239
R240
R241
C93
10nF
200K
R242
R298
C235
C236
100K
100nF
C92
L47
4.7uH
D17
B360B-13-F
R270
R269
R266
R267
22K
12K
1K
10K
DCDC_3V3
C94
C95
C162
22uF
100nF
Rhs = Rls x [(Vout -0.8V)/0.8V]
= Rls x [(3.3V-0.8V)/0.8V
= 3.5 x Rls