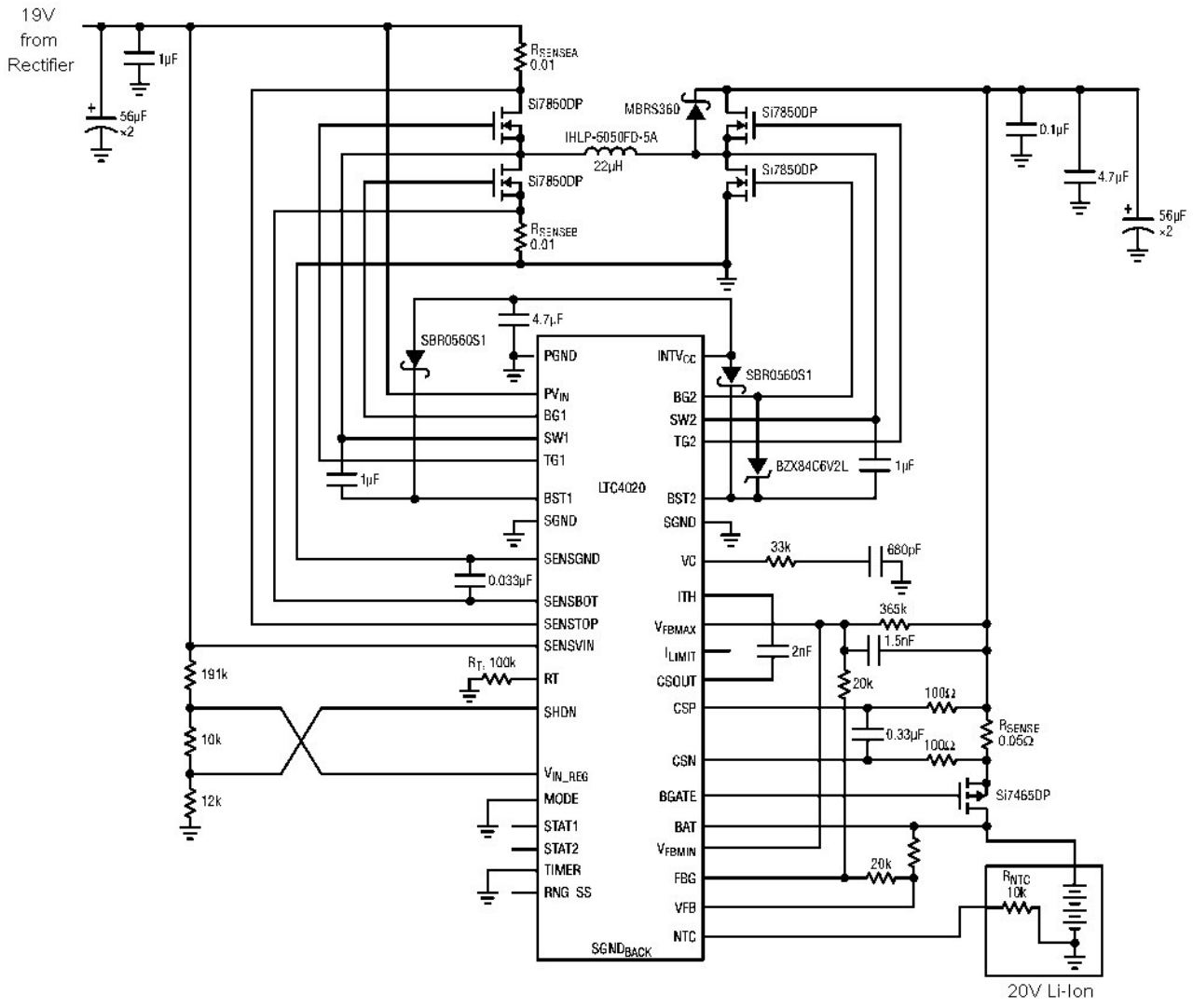
19V
from
Rectifier
1µF
56µF
×2
RSENSEA
0.01
Si7850DP
Si7850DP
RSENSEB
0.01
MBRS360
IHLP-5050FD-5A
22µH
Si7850DP
Si7850DP
0.1µF
4.7µF
56µF
×2
4.7µF
SBR0560S1
SBR0560S1
BZX84C6V2L
1µF
1µF
PGND
PVIN
BG1
SW1
TG1
BST1
SGND
SENSGND
SENSBOT
SENSTOP
SENSVIN
RT
SHDN
VIN_REG
MODE
STAT1
STAT2
TIMER
RNG SS
LTC4020
INTVCC
BG2
SW2
TG2
BST2
SGND
VC
ITH
VFBMAX
ILIMIT
CSOUT
CSP
CSN
BGATE
BAT
VFBMIN
FBG
VFB
NTC
SGNDBACK
33k
680pF
0.033µF
365k
1.5nF
2nF
20k
100Ω
0.33µF
100Ω
RSENSE
0.05Ω
Si7465DP
20k
RNTC
10k
191k
RT, 100k
10k
12k
20V Li-Ion