J6 TBP02R1-381-02BE
J7 TBP02R1-381-02BE

VIN
VOUT
VCAP

C6 1 µF
C9 100 nF
C7 1 µF
C2 47 µF
C1 47 µF
C4 2.2 µF
C5 2.2 µF
C3 1 µF

Q2 20.0 V
R13 16 mΩ

R9 787 kΩ
R16 100 kΩ
R22 909 Ω
C15 120 pF
R20 100 kΩ

C14 1 µF

R4 0 Ω
R5 100 kΩ
R7 0 Ω
R6 100 kΩ

R17 0 Ω
C8 10 nF
C10

D3 1.8 V
D1 1.8 V
D2 1.8 V
R12 1 kΩ
R10 1 kΩ
R11 1 kΩ

R24 1 MΩ
R21 71.5 kΩ

U1 LTC3350EUHF-PBF

PFI 37
VIN 34
INFET 33
VOUTM5 32
VOUTSP 31
VOUTSN 30
OUTFB 7
VCC2P5 23
OUTFET 20
TGATE 25
INTVCC 29
DRVCC 28
BST 26
SW 24
BGATE 27
CAP_SLCT1 36
CAP_SLCT0 35
ICAP 22
VCAP 21
CFP 17
CFN 18
VCAPP5 19
CAPFB 6
ITST 11
SCL 1
SDA 2
VC 5
SMBALERT 3
CAPGD 4
PFO 38
GPI 10
RT 9
SGND 8
PGND 39
CAP4 16
CAP3 15
CAP2 14
CAP1 13
CAPRTN 12

TP1 SCL
TP2 SDA

D4 80.0 V
C11 100 nF
C12 4.7 µF
C13 100 nF

Q3 20 V
Q4 L1 3.3 µH
Q5 20 V
R28 6 mΩ
Q8 20.0 V

C16 100 nF
C17 100 nF
R18 118 kΩ
R19 887 kΩ
R25 10 MΩ
Q7
R32 100 Ω
R31 100 Ω

R29 2.7 Ω
R30 2.7 Ω
R33 2.7 Ω
R34 2.7 Ω
Q9
R23 2.7 Ω
R26 2.7 Ω
R27 2.7 Ω
Q6
R8 2.7 Ω
R14 2.7 Ω
R15 2.7 Ω
Q3
R2 2.7 Ω
R3 2.7 Ω
Q1
R1 2.7 Ω

C18 22 µF
C19 22 µF
C21 22 µF
C20 22 µF

J1 J2 J3 J4 J5

PWR_FLAG

FID3 Fiducial
FID1 Fiducial
FID2 Fiducial

GND
INTVCC
VCC2P5