U1
LTC3350EUHF-PBF

TP3 TP4
TP6 TP5
GND

C6 1 µF
GND

VIN
Q2 20.0 V
R13 16 mΩ
C9 100 nF
GND
C7 1 µF
VOUTSP

R9 787 kΩ
PFI 37 PFI
R16 100 kΩ
GND

VCC2P5 23 VCC2P5
C14 1 µF
GND

VCC2P5
R4 0 Ω R5 100 kΩ
CAP_SLCT1 36 CAP_SLCT1
GND

VCC2P5
R7 0 Ω R6 100 kΩ
CAP_SLCT0 35 CAP_SLCT0
GND

TP1 SCL 1 SCL
TP2 SDA 2 SDA

VC 5 VC
10 nF C8 0 Ω R17
GND

INTVCC INTVCC INTVCC
D3 1.8 V D1 1.8 V D2 1.8 V
R12 1 kΩ R10 1 kΩ R11 1 kΩ
SMBALERT 3 SMBALERT
CAPGD 4 CAPGD
PFO 38 PFO

GPI 10 GPI
RT 9 RT
R24 1 MΩ R21 71.5 kΩ
GND GND
PWR_FLAG
8 SGND 39 PGND
GND GND

34 VIN
33 INFET
32 VOUTM5
31 VOUTSP
30 VOUTSN

R22 909 Ω
C15 120 pF
OUTFB 7 OUTFB
R20 100 kΩ
GND

OUTFET 20 OUTFET
Q8 20.0 V

TGATE 25 TGATE
INTVCC 29 INTVCC
DRVCC 28
D4 80.0 V C11 100 nF C12 4.7 µF
GND GND
Q4 L1 3.3 µH R28 6 mΩ
BST 26 BST
C13 100 nF
Q5 20 V
SW 24 Sw
BGATE 27 BGATE
GND

ICAP 22 ICAP
VCAP 21 VCAP
CFP 17 CFP
C16 100 nF C17 100 nF
R18 118 kΩ 887 kΩ R19
GND
CFN 18 CFN
VCAPP5 19 VCAPP5
CAPFB 6 CAPFB
ITST 11 ITST
R25 10 MΩ
GND
Q7 S_ITST
100 Ω R32
100 Ω R31
GND

R29 2.7 Ω
CAP4 16 CAP4
VCAP
R33 2.7 Ω R34 2.7 Ω
J5
C18 22 µF C19 22 µF C21 22 µF C20 22 µF
GND GND GND GND
VCAP

R30 2.7 Ω
CAP3 15 CAP3
Q9 D_VCAP
VCAP_3
R26 2.7 Ω R27 2.7 Ω
J4

R23 2.7 Ω
CAP2 14 CAP2
Q6 D_VCAP3
VCAP_2
R14 2.7 Ω R15 2.7 Ω
J3

R8 2.7 Ω
CAP1 13 CAP1
Q3 D_VCAP2
VCAP_1
R2 2.7 Ω R3 2.7 Ω
J2

CAPRTN 12 CAPRTN
Q1 D_VCAP1
GND
R1 2.7 Ω
J1

TP10 TP9
VOUT
C2 47 µF C1 47 µF C4 2.2 µF C5 2.2 µF C3 1 µF
GND GND GND GND GND
TP8 TP7

FID3 Fiducial FID1 Fiducial FID2 Fiducial