Infineon

NC
IOREF
RESET
3.3V
5V
GND
GND
12V

TP802
S110

R122

D111
TP721
R722
C722
R721
A0
A1
A2
A3
A4
A5
R720
X220

JP110

TP532
TP528
R531
TP525
S200

Off
On

TP203
TP205
TP201
TP200
TP412

Q200
R200
X100
U410
C410 R410
D200
Q201
D201
TP400
D411

IN+
TP411
U400
C400
C403
D410
C411
C402 R400
R401
R402
R420
U401
C404

12V
TP202
C300 C301
R320 D320
D330 R330
Vin
X101
C303 C302
R300 R301
R741
Q740
TP300
Q300

IN−
R740
D740
S750
Off
R750
C750
D741
Q742
R742
Load1
On Off
S751

ADC NTC
int   ext
JP120

Boost Cntrl
Indep   Buck
JP124

Cntrl
uC   Ext
JP123 JP122

A0
In   Sw
JP121

Blanking
Ind   Sw
JP130

R123 Q124 R124
Q130 R130

UserSw
C814
Off
On
S814 R814

Load1   Load2   Load3
JP125   JP126   JP127

UserLED4
UserLED3
UserBtn2
UserLED2
UserLED1
UserBtn1

D805 D807
R805 R807
D806 Q806
R806

S812 R812 R813 C813

D901 D903
R901 R903
Q901 Q902
R901 R902
R900 R902
C811

S810 R810 R811 C811

R340 C312 C310
R132 R131
3.3 V
D110 R111
D340 TP526
R110
R520 R527
R530 R529 R532
R523 C533
R522 C530
R524 C525
R521 C526
C523
TP522 TP210
R204 R208
C204
D203 R202 R203
R206 R207
D204
R209
C600
Q202
R206
R211
C215

NTC
R421
R622
R621
L420
C212 C214
C213
Q400
C411
D402
TP401
C610
TP610
R611
U610
C634 TP630
C630
R745
R743
Load2
Q744
D743 Q746
D744
C751 C752
R744
On Off On
S752
Load3

Current
Vin
12V
3.3V
GND
In
Out
In A
Out A
Ind
Sw
Vin
Vout
Buck
Boost
GND
X140

SCL
SDA
AREF
GND
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1
D0
JP111
JP112

U540
C562
C540
R500
R112
C520
R528
C311
G310
TP570
U570
TP503 TP502
C570
R605 R604
R606
R507 R503
C503
R502
C500
R506
C507
TP504
TP520
TP500
D202
D506
TP507
U500
C506
C501
D511
TP501
R601 TP506
R508
R510
C510
R511
D515
U501
D731
U520

Overcurr   TP540   Q550 R550 D550
Overvolt   TP541   Q551 R551 D551
Overtemp_Int TP542   Q552 R552 D552
Overtemp_Ext TP543   Q553 R553 D553

Fault Reset   S560

R514 R562   R561
C514
R512
C711   C710
R611
C713 C712
C711
D730
D515
D731
U501

TP710
JP710

2x 10uF 47uF 220uF

X102

C702
C701 C700
R430 R432
R431 D432
R440
C430 C434
U430 Q430
Q431
C441
TP431 TP441
C442
R441 C442
R632
R631 R103
C441
TP442 C441
TP103
D441
U620
D620
C620
TP612 TP611
TP601
D440
C440
U440
C440
X103
TP430
R430
U630 R533
Q741 Q743 Q745
TP602
X150

OUT+

OUT−

TP620
TP621
TP622

R526
TP401
C211
D211 TP421
R220
TP600
TP608
C221
R221
D620

L421
C700
R440
C433
D140

TP612 TP611
U610
R611

R611 TP601
C630
R632
R631 R103
U630 R533

TP103
TP430