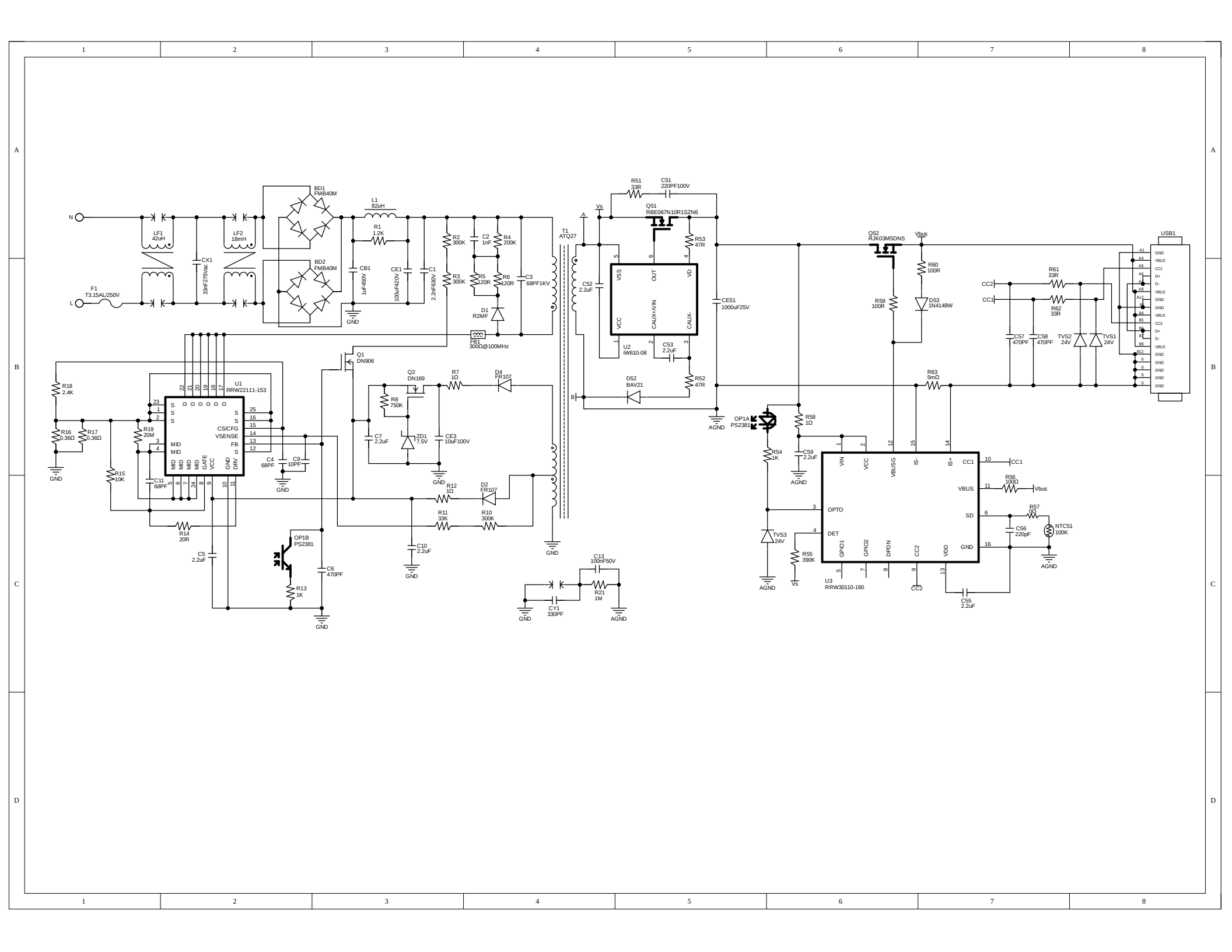
N
L
F1
T3.15AL/250V
LF1
42uH
LF2
18mH
CX1
33nF/275Vac
BD1
FMB40M
BD2
FMB40M
L1
82uH
R1
1.2K
CB1
1uF/450V
CE1
100uF/420V
C1
2.2nF/630V
R2
300K
R3
300K
C2
1nF
R4
200K
R5
120R
R6
120R
C3
68PF1KV
D1
R2MF
FB1
300Ω@100MHz
T1
ATQ27
R51
33R
C51
220PF100V
Vs
Q51
RBE067N10R1SZN6
R53
47R
U2
iW610-08
VSS
OUT
VD
VCC
CAUX+/VIN
CAUX-
C52
2.2uF
C53
2.2uF
CE51
1000uF25V
D52
BAV21
R52
47R
A
B
GND
AGND
Q52
RJK03M5DNS
Vbus
R60
100R
R59
100R
D53
1N4148W
R61
33R
R62
33R
CC2
CC1
C57
470PF
C58
470PF
TVS2
24V
TVS1
24V
USB1
GND
VBUS
CC1
D+
D-
CC2
R63
5mΩ
R18
2.4K
R16
0.36Ω
R17
0.36Ω
R19
20M
R15
10K
C11
68PF
U1
RRW22111-153
S
D
MID
CS/CFG
VSENSE
FB
GATE
VCC
DRV
C4
68PF
C9
10PF
Q1
DN906
Q2
DN169
R8
750K
R7
1Ω
D4
FR107
C7
2.2uF
ZD1
7.5V
CE3
10uF100V
R12
1Ω
D2
FR107
R11
33K
R10
300K
C10
2.2uF
R14
20R
C5
2.2uF
OP1B
PS2381
R13
1K
C6
470PF
C13
100nF50V
R21
1M
CY1
330PF
OP1A
PS2381
R58
1Ω
R54
1K
C59
2.2uF
TVS3
24V
R55
390K
U3
RRW30110-190
VIN
VCC
VBUSG
IS-
IS+
CC1
VBUS
OPTO
SD
DET
GPIO1
GPIO2
DPDN
CC2
VDD
GND
R56
100Ω
R57
0Ω
NTC51
100K
C56
220pF
C55
2.2uF