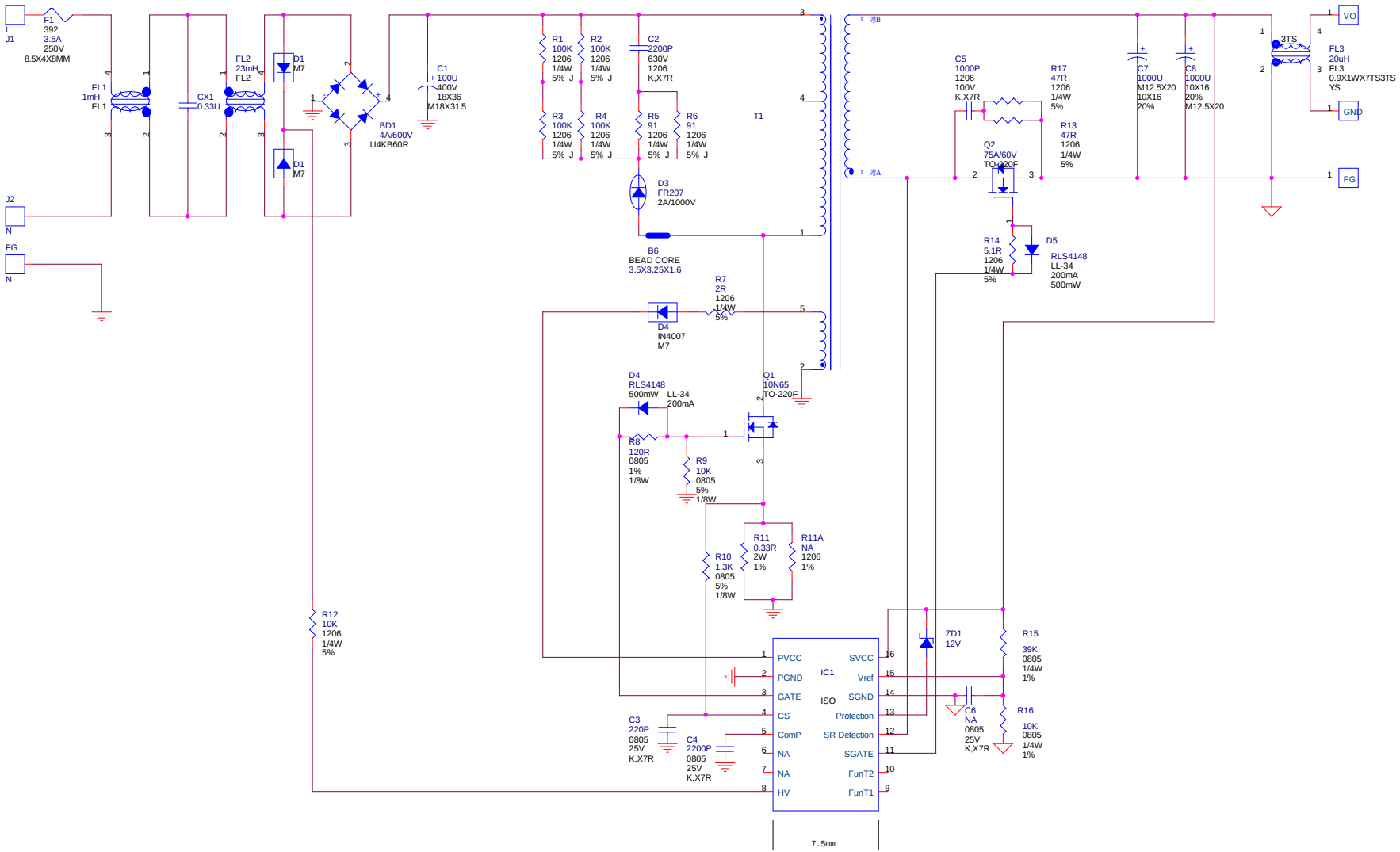

L
J1
F1
392
3.5A
250V
8.5X4X8MM
FL1
1mH
FL1
CX1
0.33U
FL2
23mH
FL2
D1
M7
D1
M7
BD1
4A/600V
U4KB60R
C1
100U
400V
18X36
M18X31.5
J2
N
FG
N
R1
100K
1206
1/4W
5% J
R2
100K
1206
1/4W
5% J
R3
100K
1206
1/4W
5% J
R4
100K
1206
1/4W
5% J
C2
2200P
630V
1206
K,X7R
R5
91
1206
1/4W
5% J
R6
91
1206
1/4W
5% J
T1
D3
FR207
2A/1000V
B6
BEAD CORE
3.5X3.25X1.6
R7
2R
1206
1/4W
5%
D4
IN4007
M7
D4
RLS4148
500mW LL-34
200mA
Q1
10N65
TO-220F
R8
120R
0805
1%
1/8W
R9
10K
0805
5%
1/8W
R10
1.3K
0805
5%
1/8W
R11
0.33R
2W
1%
R11A
NA
1206
1%
R12
10K
1206
1/4W
5%
C3
220P
0805
25V
K,X7R
C4
2200P
0805
25V
K,X7R
IC1
ISO
PVCC
PGND
GATE
CS
ComP
NA
NA
HV
SVCC
Vref
SGND
Protection
SR Detection
SGATE
FunT2
FunT1
7.5mm
ZD1
12V
R15
39K
0805
1/4W
1%
C6
NA
0805
25V
K,X7R
R16
10K
0805
1/4W
1%
C5
1000P
1206
100V
K,X7R
R17
47R
1206
1/4W
5%
R13
47R
1206
1/4W
5%
Q2
75A/60V
TO-220F
C7
1000U
M12.5X20
10X16
20%
C8
1000U
10X16
20%
M12.5X20
R14
5.1R
1206
1/4W
5%
D5
RLS4148
LL-34
200mA
500mW
3TS
FL3
20uH
FL3
0.9X1WX7TS3TS
YS
VO
GND
FG