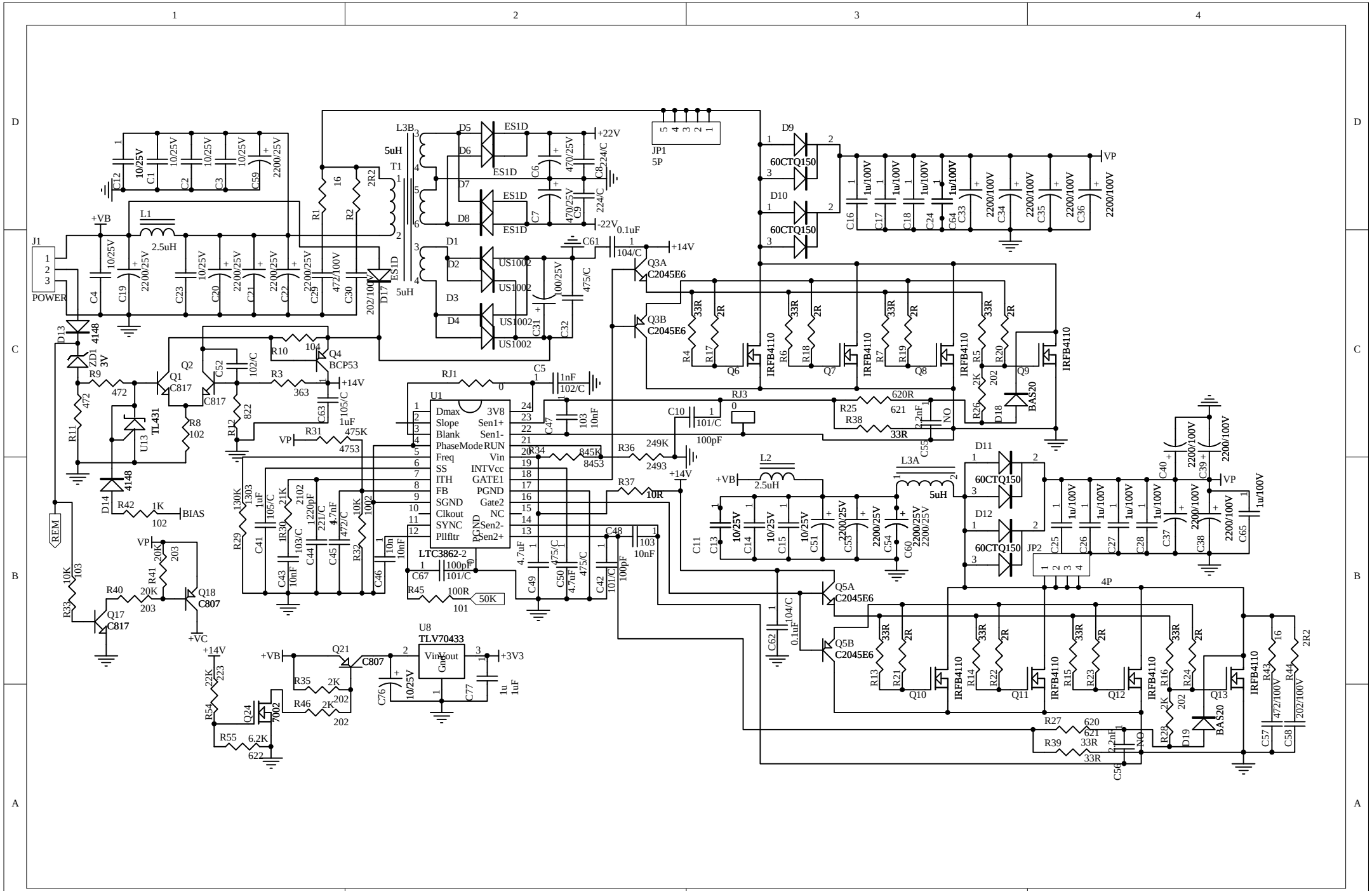

J1
POWER
+VB
L1
2.5uH
C4
C19
C23
C20
C21
C22
C29
C30
C12
C1
C2
C3
C59
10/25V
2200/25V
472/100V
202/100V
D17
ES1D
L3B
5uH
T1
R1
R2
16
2R2
D5
D6
D7
D8
D1
D2
D3
D4
ES1D
US1002
C6
C7
C8
C9
470/25V
224/C
+22V
-22V
C61
0.1uF
104/C
+14V
100/25V
475/C
C31
C32
JP1
5P
D9
D10
60CTQ150
VP
C16
C17
C18
C24
C64
C33
C34
C35
C36
1u/100V
2200/100V
Q3A
C2045E6
Q3B
C2045E6
R4
R17
R6
R18
R7
R19
R5
R20
33R
2R
Q6
Q7
Q8
Q9
IRFB4110
R26
2K
202
D18
BAS20
D13
4148
ZD1
3V
R9
472
Q1
C817
Q2
C817
C52
102/C
R10
104
Q4
BCP53
R3
363
+14V
C63
105/C
1uF
R11
472
U13
TL431
R8
102
R12
822
R31
475K
4753
VP
D14
4148
R42
1K
102
BIAS
REM
R33
10K
103
R40
20K
203
R41
20K
203
Q17
C817
Q18
C807
+VC
U1
LTC3862-2
Dmax
Slope
Blank
PhaseMode
Freq
SS
ITH
FB
SGND
Clkout
SYNC
Pllfltr
3V8
Sen1+
Sen1-
RUN
Vin
INTVcc
GATE1
PGND
Gate2
NC
Sen2-
Sen2+
RJ1
0
C5
1nF
102/C
C47
103
10nF
R34
845K
8453
R36
249K
2493
R37
10R
C10
101/C
100pF
RJ3
0
R25
620R
621
R38
33R
2.2nF
NO
C55
R29
130K
1303
C41
1uF
105/C
R30
21K
2102
C43
10nF
103/C
C44
220pF
221/C
C45
4.7nF
472/C
R32
10K
1002
C46
10n
10nF
C67
100pF
101/C
R45
100R
101
50K
C48
103
10nF
C49
4.7uF
C50
4.7uF
475/C
C42
101/C
100pF
L2
2.5uH
L3A
5uH
C11
C13
C14
C15
C51
C53
C54
C60
2200/25V
D11
D12
60CTQ150
JP2
4P
C25
C26
C27
C28
C37
C38
C39
C40
C65
C62
0.1uF
104/C
Q5A
C2045E6
Q5B
C2045E6
R13
R21
R14
R22
R15
R23
R16
R24
R28
R27
620
621
R39
33R
C56
D19
BAS20
R43
16
R44
2R2
C57
472/100V
C58
202/100V
U8
TLV70433
Vin
Vout
Gnd
+3V3
C76
10/25V
C77
1u
1uF
Q21
C807
R35
2K
202
R46
2K
202
Q24
7002
R54
22K
223
R55
6.2K
622