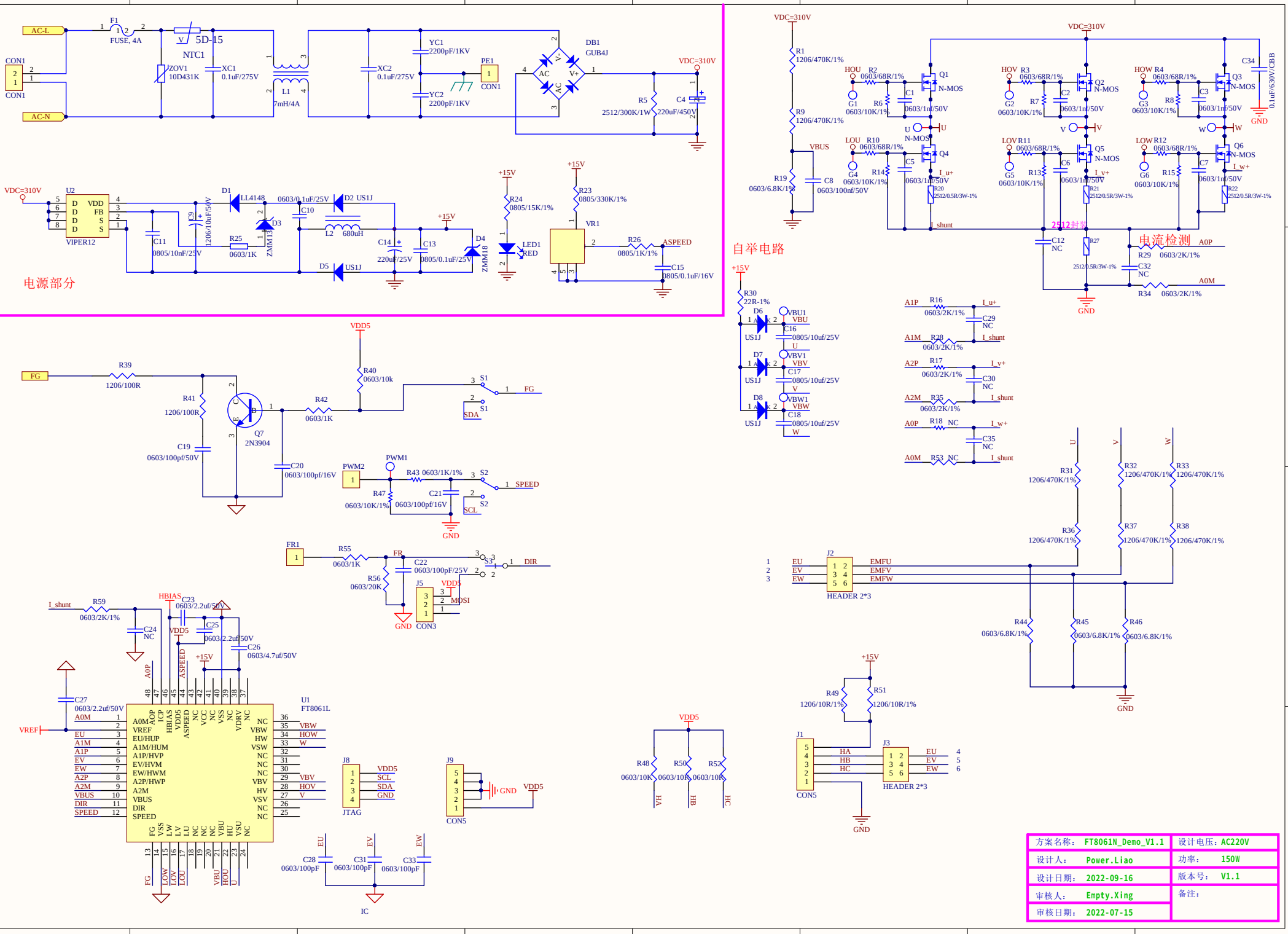

电源部分
自举电路
电流检测
2512封装
AC-L
AC-N
FUSE, 4A
5D-15
NTC1
ZOV1
10D431K
XC1
0.1uF/275V
L1
7mH/4A
XC2
YC1
2200pF/1KV
YC2
PE1
DB1
GUB4J
R5
2512/300K/1W
C4
220uF/450V
VDC=310V
U2
VIPER12
D1
LL4148
D2 US1J
D3
ZMM13
D4
ZMM18
D5
L2
680uH
R25
0603/1K
C9
1206/10uF/50V
C10
C11
0805/10nF/25V
C13
0805/0.1uF/25V
C14
220uF/25V
R24
0805/15K/1%
R23
0805/330K/1%
VR1
R26
0805/1K/1%
C15
0805/0.1uF/16V
LED1
RED
+15V
R1
1206/470K/1%
R9
1206/470K/1%
R19
0603/6.8K/1%
C8
0603/100nf/50V
VBUS
Q1
Q2
Q3
Q4
Q5
Q6
N-MOS
HOU
HOV
HOW
LOU
LOV
LOW
C34
0.1uF/630V/CBB
GND
R20
R21
R22
2512/0.5R/3W-1%
I_shunt
I_u+
I_v+
I_w+
C12
NC
R27
R29
0603/2K/1%
C32
R34
A0P
A0M
FG
R39
1206/100R
R40
0603/10k
R41
1206/100R
R42
0603/1K
Q7
2N3904
C19
0603/100pf/50V
C20
0603/100pf/16V
S1
SDA
SPEED
PWM1
PWM2
R43 0603/1K/1%
R47
0603/10K/1%
C21
0603/100pf/16V
S2
SCL
FR1
R55
0603/1K
FR
C22
0603/100pF/25V
R56
0603/20K
S3
DIR
J5
CON3
MOSI
I_shunt
R59
0603/2K/1%
HBIAS
C23
0603/2.2uf/50V
C24
NC
C25
0603/2.2uf/50V
C26
0603/4.7uf/50V
C27
0603/2.2uf/50V
VREF
U1
FT8061L
A0M
EU
EV
EW
A1M
A1P
A2P
A2M
VBUS
DIR
SPEED
VBW
HOW
W
VSW
HV
VSV
V
HIN
LIN
J8
JTAG
J9
CON5
R48
R50
R52
0603/10K
HA
HB
HC
C28
C31
C33
0603/100pF
IC
R49
1206/10R/1%
R51
1206/10R/1%
J1
J3
HEADER 2*3
R31
R32
R33
R36
R37
R38
R44
R45
R46
0603/6.8K/1%
D6
D7
D8
US1J
VBU1
VBV1
VBW1
C16
C17
C18
0805/10uf/25V
R30
22R-1%
A1P
A1M
A2P
A2M
A0P
A0M
R16
R28
R17
R35
R18
R53
C29
C30
C35
NC
方案名称：FT8061N_Demo_V1.1
设计电压：AC220V
设计人：Power.Liao
功率：150W
设计日期：2022-09-16
版本号：V1.1
审核人：Empty.Xing
备注：
审核日期：2022-07-15