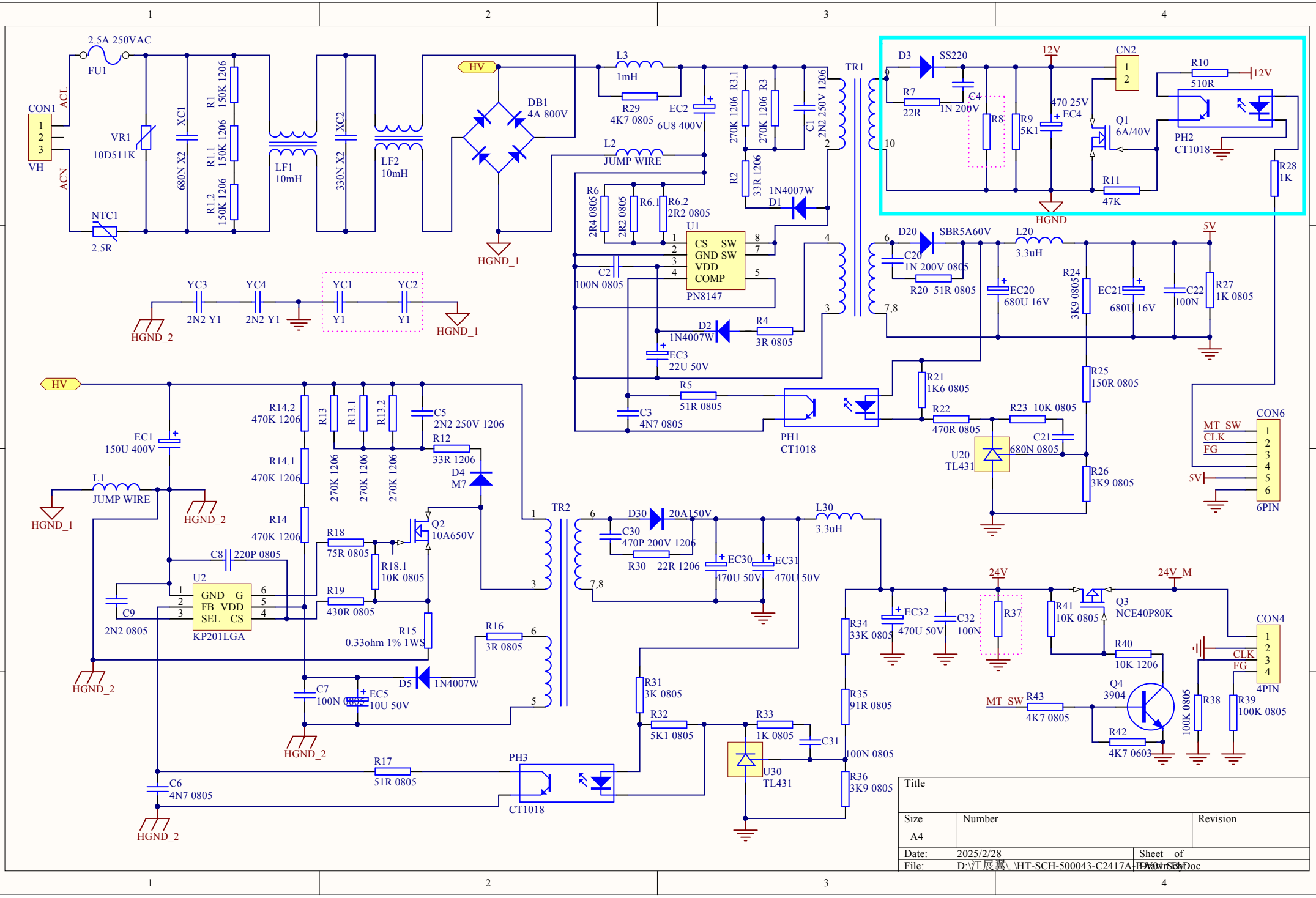
2.5A 250VAC
FU1
CON1
VH
ACL
ACN
VR1
10D511K
NTC1
2.5R
XC1
680N X2
R1
150K 1206
R1.1
150K 1206
R1.2
150K 1206
LF1
10mH
XC2
330N X2
LF2
10mH
HV
DB1
4A 800V
HGND_1
L3
1mH
R29
4K7 0805
EC2
6U8 400V
L2
JUMP WIRE
270K 1206
R3.1
270K 1206
R3
C1
2N2 250V 1206
R2
33R 1206
1N4007W
D1
R6
2R4 0805
2R2 0805
R6.1
R6.2
2R2 0805
U1
CS SW
GND SW
VDD
COMP
PN8147
C2
100N 0805
TR1
D3
SS220
12V
CN2
R7
22R
C4
1N 200V
R8
R9
5K1
470 25V
EC4
Q1
6A/40V
R10
510R
PH2
CT1018
R11
47K
R28
1K
HGND
D20
SBR5A60V
L20
3.3uH
5V
C20
1N 200V 0805
R20 51R 0805
EC20
680U 16V
R24
3K9 0805
EC21
680U 16V
C22
100N
R27
1K 0805
YC3
YC4
YC1
YC2
2N2 Y1
2N2 Y1
Y1
Y1
HGND_2
HGND_1
D2
1N4007W
R4
3R 0805
EC3
22U 50V
R5
51R 0805
C3
4N7 0805
PH1
CT1018
R21
1K6 0805
R22
470R 0805
R23 10K 0805
C21
680N 0805
U20
TL431
R25
150R 0805
R26
3K9 0805
CON6
MT_SW
CLK
FG
5V
6PIN
EC1
150U 400V
L1
JUMP WIRE
HGND_1
HGND_2
R14.2
470K 1206
R14.1
470K 1206
R14
470K 1206
R13
270K 1206
R13.1
270K 1206
R13.2
270K 1206
C5
2N2 250V 1206
R12
33R 1206
D4
M7
Q2
10A650V
R18
75R 0805
R18.1
10K 0805
R19
430R 0805
C8
220P 0805
U2
GND G
FB VDD
SEL CS
KP201LGA
C9
2N2 0805
R15
0.33ohm 1% 1WS
R16
3R 0805
D5
1N4007W
C7
100N 0805
EC5
10U 50V
TR2
D30
20A150V
C30
470P 200V 1206
R30
22R 1206
EC30
470U 50V
EC31
470U 50V
L30
3.3uH
24V
24V_M
R34
33K 0805
EC32
470U 50V
C32
100N
R37
Q3
NCE40P80K
R41
10K 0805
R40
10K 1206
CON4
CLK
FG
4PIN
Q4
3904
MT_SW
R43
4K7 0805
R42
4K7 0603
100K 0805
R38
R39
100K 0805
R31
3K 0805
R32
5K1 0805
R33
1K 0805
C31
100N 0805
U30
TL431
R35
91R 0805
R36
3K9 0805
R17
51R 0805
C6
4N7 0805
PH3
CT1018
Title
Size
A4
Number
Revision
Date:
2025/2/28
Sheet of
File:
D:\江展翼\..\HT-SCH-500043-C2417A-PV04.SchDoc
Drawn By: