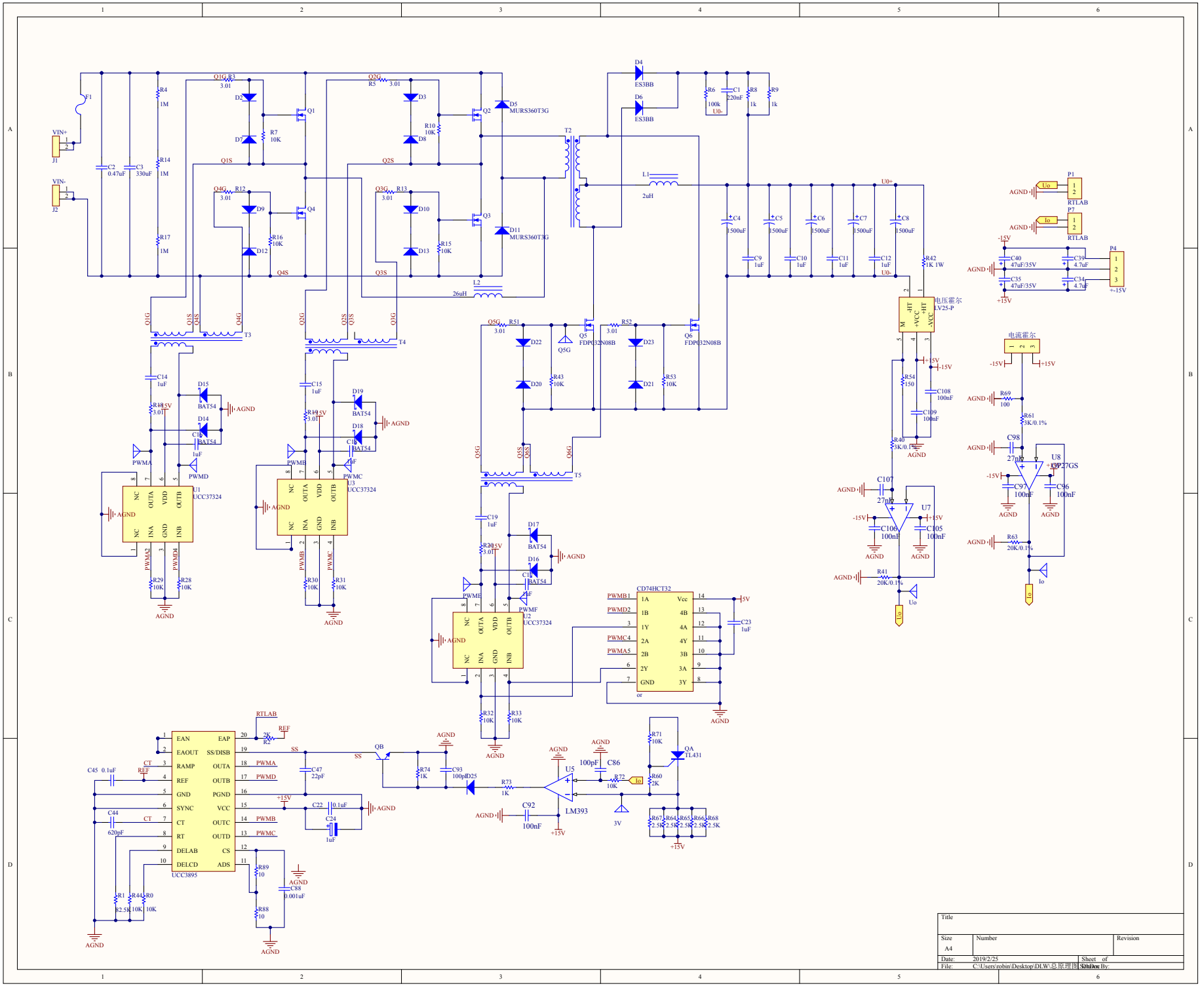
VIN+
VIN-
J1
J2
F1
C2 0.47uF
C3 330uF
R4 1M
R14 1M
R17 1M
Q1G R3 3.01
Q2G R5 3.01
Q4G R12 3.01
Q3G R13 3.01
Q1S
Q2S
Q4S
Q3S
D2
D7
R7 10K
D3
D8
R10 10K
D9
D12
R16 10K
D10
D13
R15 10K
Q1
Q2
Q4
Q3
D5 MURS360T3G
D11 MURS360T3G
T2
L1 2uH
L2 26uH
D4 ES3BB
D6 ES3BB
R6 100k
C1 220nF
R8 1k
R9 1k
U0-
U0+
C4 1500uF
C5 1500uF
C6 1500uF
C7 1500uF
C8 1500uF
C9 1uF
C10 1uF
C11 1uF
C12 1uF
R42 1K 1W
P1
RTLAB
P7
P4
C40 47uF/35V
C35 47uF/35V
C39 4.7uF
C34 4.7uF
-15V
+15V
+-15V
电压霍尔
LV25-P
电流霍尔
R54 150
C108 100nF
C109 100nF
R40 3K/0.1%
R69 100
R61 3K/0.1%
C98 27nF
U8 OP27GS
C97 100nF
C96 100nF
R63 20K/0.1%
Io
C107 27nF
U7
C106 100nF
C105 100nF
R41 20K/0.1%
Uo
T3
T4
T5
C14 1uF
C15 1uF
C19 1uF
D15 BAT54
D14 BAT54
D19 BAT54
D18 BAT54
D17 BAT54
D16 BAT54
R18 3.01
R19 3.01
R20 3.01
PWMA
PWMD
PWMB
PWMC
PWME
PWMF
U1 UCC37324
U3 UCC37324
U2 UCC37324
NC
OUTA
VDD
OUTB
INA
GND
INB
PWMA2
PWMD4
R29 10K
R28 10K
R30 10K
R31 10K
R32 10K
R33 10K
AGND
Q5G R51 3.01
Q6G R52 3.01
D22
D20
D23
D21
R43 10K
R53 10K
Q5 FDP032N08B
Q6 FDP032N08B
Q5S
Q6S
CD74HCT32
PWMB1
PWMD2
PWMC4
PWMA5
1A
1B
1Y
2A
2B
2Y
GND
Vcc
4B
4A
4Y
3B
3A
3Y
or
5V
C23 1uF
EAN
EAOUT
RAMP
REF
GND
SYNC
CT
RT
DELAB
DELCD
EAP
SS/DISB
OUTA
OUTB
PGND
VCC
OUTC
OUTD
CS
ADS
UCC3895
RTLAB
2k R2
REF
SS
C45 0.1uF
C44 620pF
C47 22pF
C22 0.1uF
C24 1uF
+15V
R89 10
R88 10
C88 0.001uF
R1 2.5k
R44 10K
R0 10K
QB
R74 1K
C93 100pF
D25
R73 1K
U5
LM393
C92 100nF
100pF C86
R72 10k
3V
R71 10K
QA TL431
R60 2K
R67 2.5K
R64 2.5K
R65 2.5K
R66 2.5K
R68 2.5K
Title
Size A4
Number
Revision
Date: 2019/2/25
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File: C:\Users\robin\Desktop\DLW\总原理图.SchDoc
Drawn By: