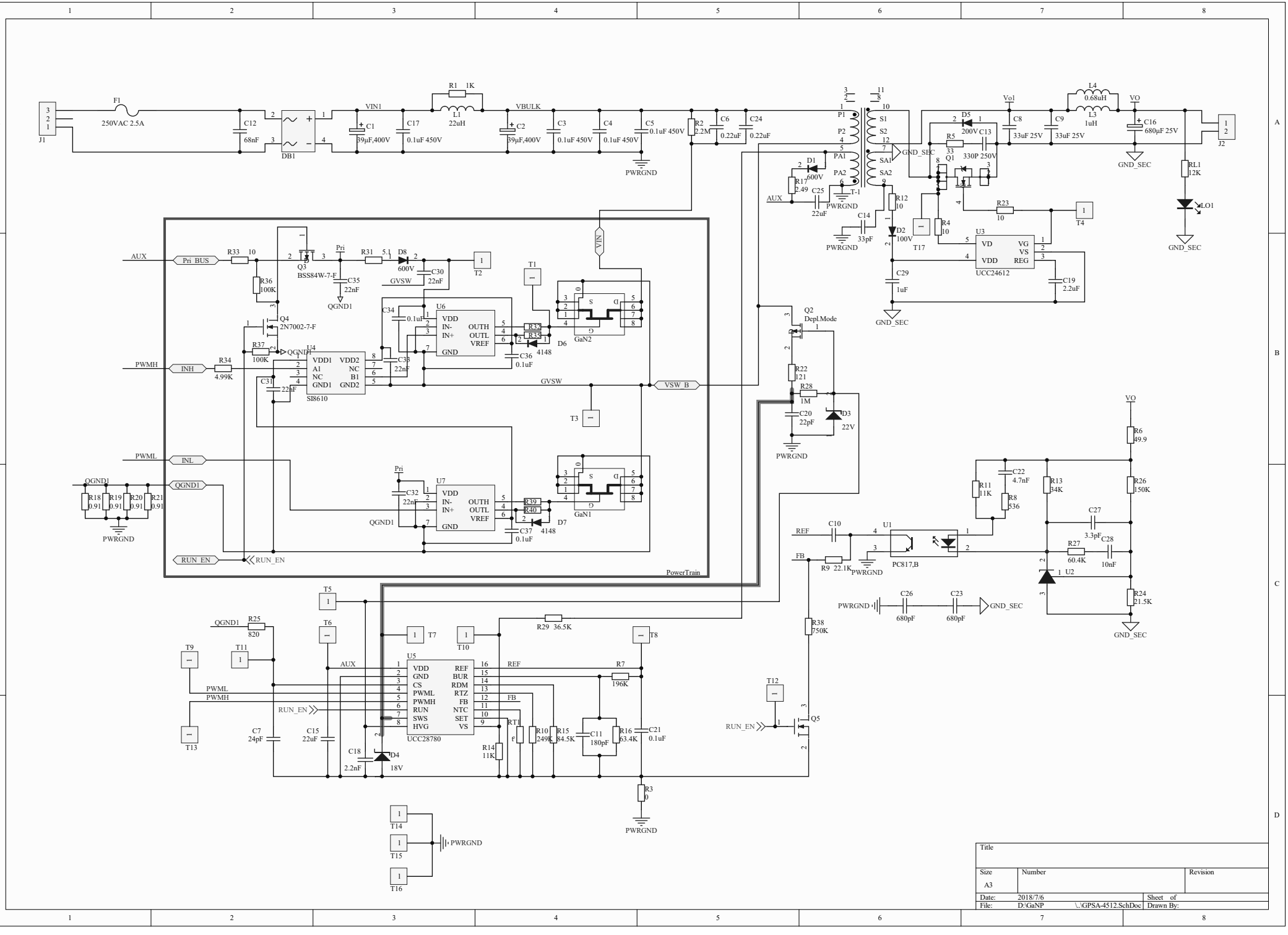
J1
F1
250VAC 2.5A
C12
68nF
DB1
VIN1
C1
39µF,400V
C17
0.1uF 450V
R1 1K
L1
22uH
VBULK
C2
39µF,400V
C3
0.1uF 450V
C4
0.1uF 450V
C5
0.1uF 450V
PWRGND
R2
2.2M
C6
0.22uF
C24
0.22uF
T-1
D1
600V
R17
2.49
C25
22uF
AUX
C14
33pF
D2
100V
C29
1uF
GND_SEC
R12
10
D5
200V
C13
330P 250V
R5
33
Q1
R4
10
T17
R23
10
T4
U3
VD
VDD
VG
VS
REG
UCC24612
C19
2.2uF
Vo1
C8
33uF 25V
C9
33uF 25V
L4
0.68uH
L3
1uH
VO
C16
680µF 25V
J2
RL1
12K
LO1
Pri_BUS
R33
10
Q3
BSS84W-7-F
Pri
R31
5.1
D8
600V
C30
22nF
T2
C35
22nF
QGND1
Q4
2N7002-7-F
R36
100K
R37
100K
R34
4.99K
C31
22nF
U4
SI8610
VDD1
A1
NC
GND1
VDD2
NC
B1
GND2
C34
0.1uF
C33
22nF
U6
VDD
IN-
IN+
GND
OUTH
OUTL
VREF
R32
R33
D6
4148
C36
0.1uF
T1
GaN2
GVSW
T3
VIN
VSW_B
INH
PWMH
INL
PWML
RUN_EN
PowerTrain
R18
0.91
R19
0.91
R20
0.91
R21
0.91
C32
22nF
U7
R39
R40
D7
4148
C37
0.1uF
GaN1
Q2
Depl.Mode
R22
121
R28
1M
C20
22pF
D3
22V
R11
11K
R8
536
C22
4.7nF
R13
34K
R6
49.9
R26
150K
C27
3.3pF
R27
60.4K
C28
10nF
U2
R24
21.5K
REF
C10
U1
PC817,B
FB
R9 22.1K
C26
680pF
C23
680pF
R38
750K
R25
820
T5
T6
T7
T8
T9
T10
T11
T12
T13
T14
T15
T16
R29 36.5K
U5
UCC28780
CS
PWML
PWMH
RUN
SWS
HVG
BUR
RDM
RTZ
NTC
SET
R7
196K
RT1
R10
249K
R15
84.5K
C11
180pF
R16
63.4K
C21
0.1uF
R14
11K
C7
24pF
C15
22uF
C18
2.2nF
D4
18V
Q5
R3
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Date: 2018/7/6
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