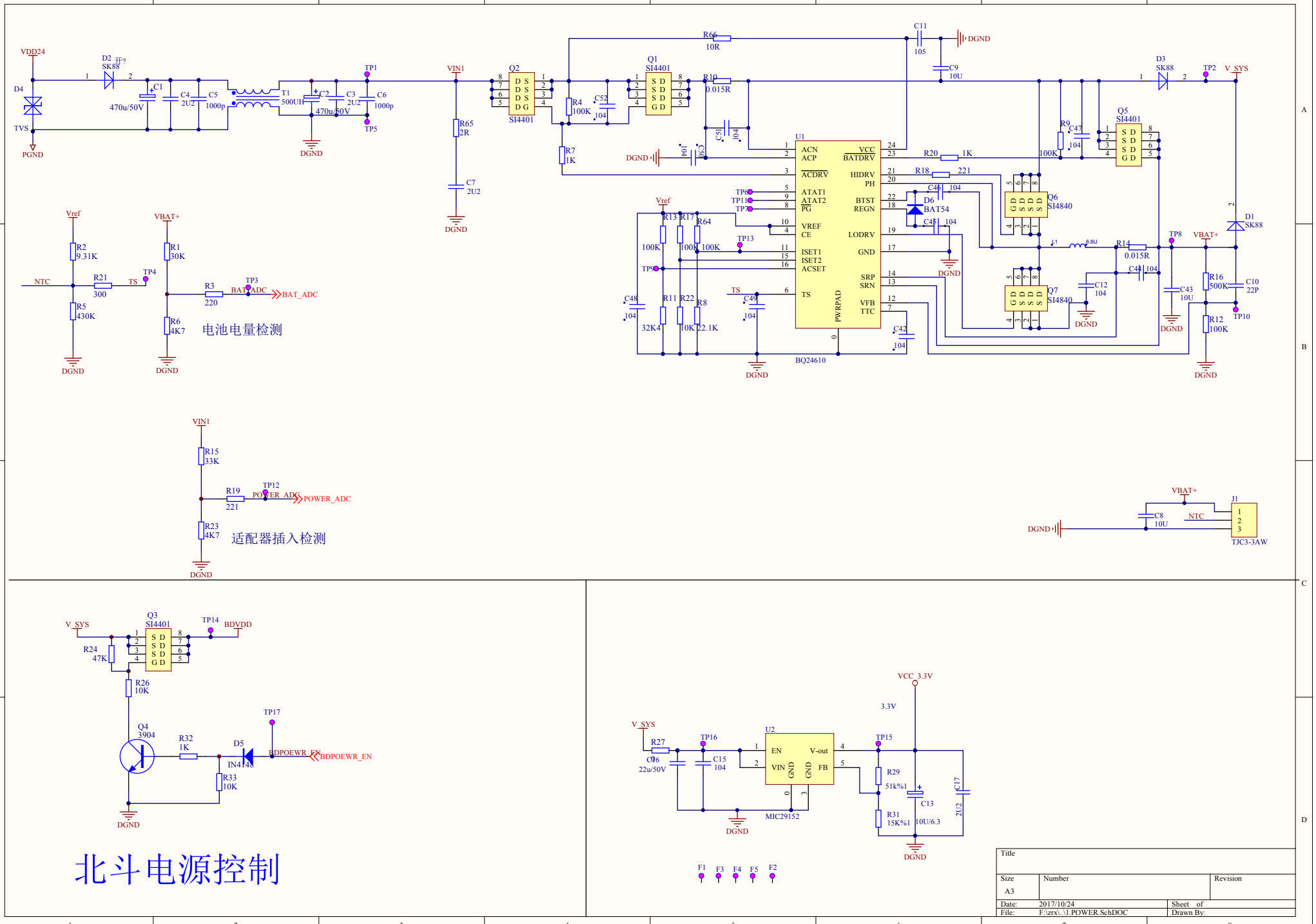
VDD24
D4
TVS
PGND
D2
SK88
C1
470u/50V
C4
2U2
C5
1000p
T1
500UH
C2
470u/50V
C3
2U2
C6
1000p
TP1
TP5
DGND
VIN1
R65
2R
C7
2U2
Q2
SI4401
R4
100K
R7
1K
C52
104
Q1
SI4401
R66
10R
R10
0.015R
C51
104
C53
104
C11
105
C9
10U
U1
ACN
ACP
ACDRV
ATAT1
ATAT2
PG
VREF
CE
ISET1
ISET2
ACSET
TS
VCC
BATDRV
HIDRV
PH
BTST
REGN
LODRV
GND
SRP
SRN
VFB
TTC
PWRPAD
BQ24610
R20
1K
R18
221
C46
104
D6
BAT54
C45
104
R9
100K
C47
104
Q5
SI4401
Q6
SI4840
Q7
SI4840
L1
6.8U
R14
0.015R
C48
104
C12
104
D3
SK88
TP2
V_SYS
D1
SK88
TP8
VBAT+
C43
10U
R16
500K
C10
22P
TP10
R12
100K
Vref
R2
9.31K
R5
430K
NTC
R21
300
TS
TP4
VBAT+
R1
30K
R6
4K7
R3
220
TP3
BAT_ADC
BAT_ADC
电池电量检测
TP6
TP11
TP7
TP13
TP9
R13
100K
R17
100K
R64
100K
R11
32K4
R22
10K
R8
22.1K
C48
104
C45
104
C42
104
VIN1
R15
33K
R19
221
TP12
POWER_ADC
POWER_ADC
R23
4K7
适配器插入检测
VBAT+
C8
10U
NTC
J1
TJC3-3AW
V_SYS
Q3
SI4401
TP14
BDVDD
R24
47K
R26
10K
Q4
3904
R32
1K
D5
IN4148
TP17
BDPOEWR_EN
BDPOEWR_EN
R33
10K
北斗电源控制
VCC_3.3V
3.3V
V_SYS
R27
C06
22u/50V
TP16
C15
104
U2
EN
VIN
GND
V-out
FB
MIC29152
TP15
R29
51k%1
R31
15K%1
C13
10U/6.3
C17
2U2
F1
F3
F4
F5
F2
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Drawn By: