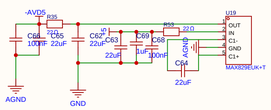
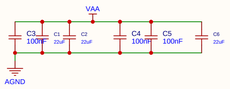
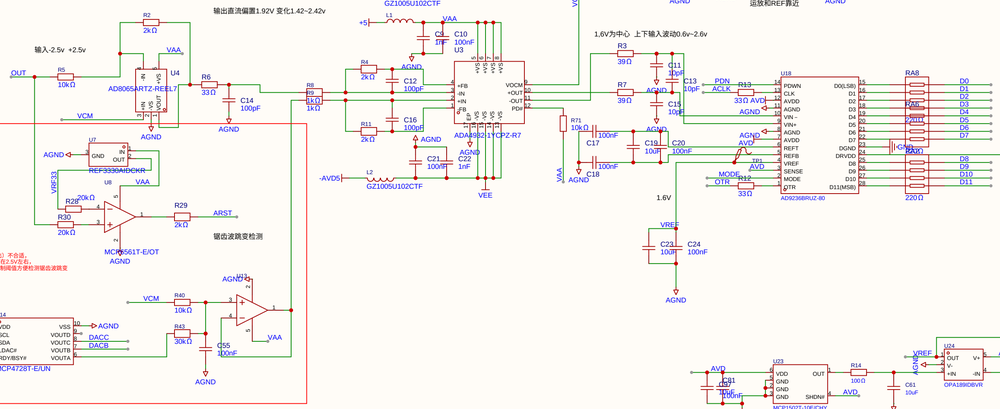


$$0.3\ \mathrm{V} = 4.5\ \mathrm{V} \times \frac{R_{FG2}}{R_{FG1} + R_{FG2}}$$

$$V_{OUT} = 100\,\mu\mathrm{A} \times R_{SET}$$

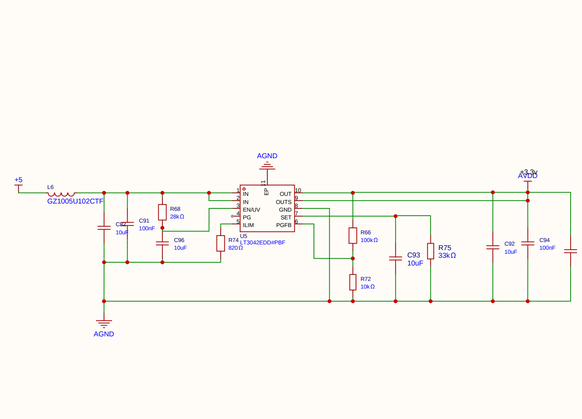


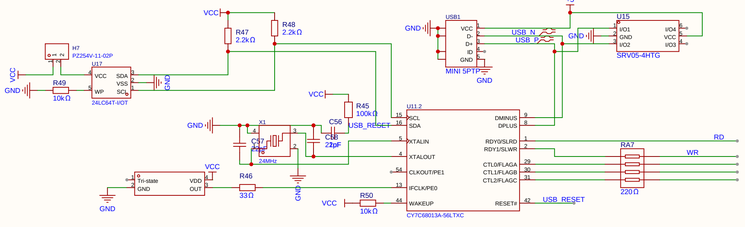




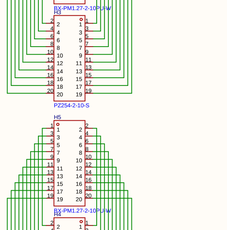


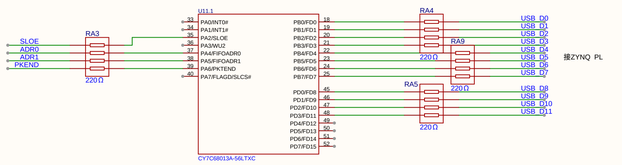




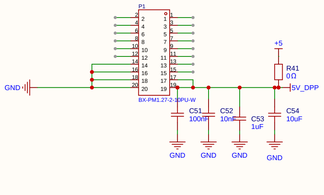


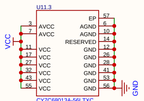




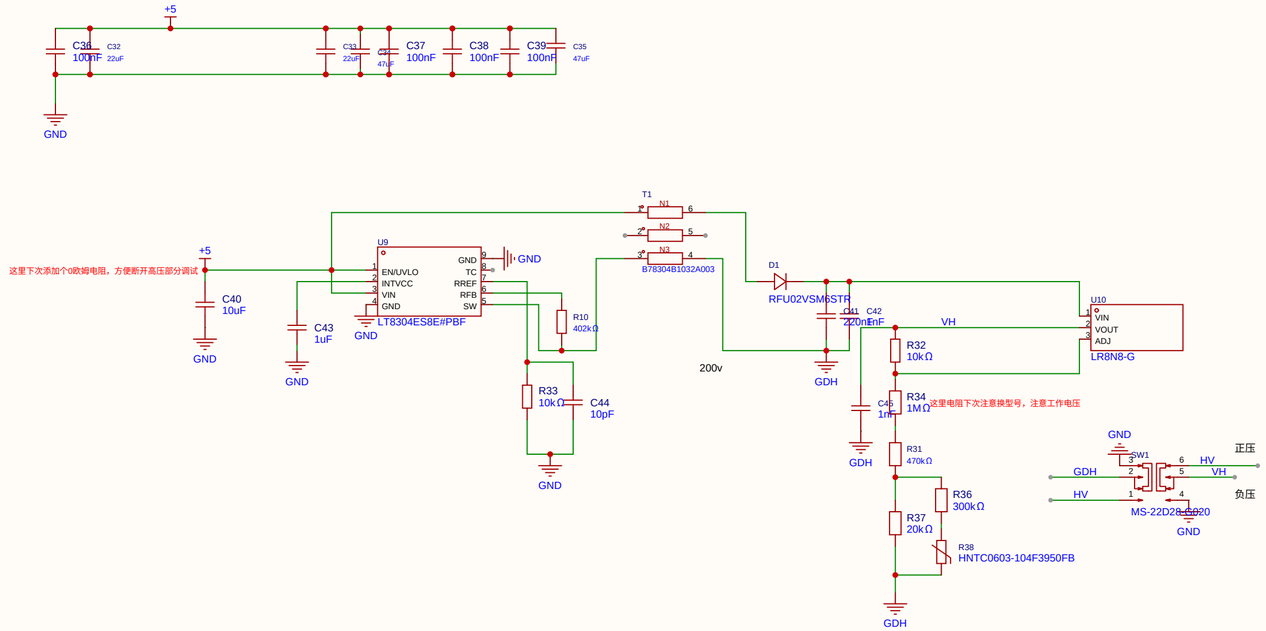








Title			
Size	Number		Revision
A2			
Date:		Sheet of	
File:		Drawn By:	



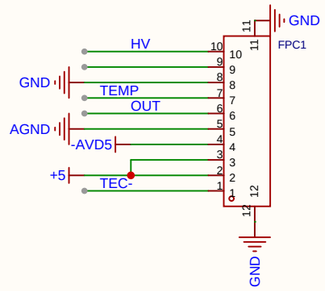
Title		
Size A2	Number	Revision
Date:		Sheet Of
File:		Drawn By:

SCREW1

SCREW2

SCREW3

SCREW4



TEMPMON

H2
PZ254V-11-01P

R18
1kΩ

U6.3
LMC660AIMX/NOPB

R19
1kΩ

R20
200kΩ

C30
680nF

GND

TEC-

+CoolerSupply

Q1
30N06

+TC

注意下次考虑是否替换为5A左右的管子，且注意发热等因素

R21
750kΩ

C31
4.7uF

R22
10MΩ

R25
100kΩ

C59
100nF

GND

DACB

2.24V

目标温度设定

Q2

R23
200Ω

2N3904S-RTK/PS

R26
1.5Ω

R51
4.7kΩ

Q3
2N3904S-RTK/PS

GND

注意Star Grounding

GND

CLOSE_TC

FPGA或单片机关闭制冷

-TC

U6.1
LMC660AIMX/NOPB

TEMP

R27
27.4kΩ

R24
147kΩ

U6.2
LMC660AIMX/NOPB

R52
100kΩ

C60
100nF

GND

1V 直流偏置校准

DACC

+5

L3

GZ1005U102CTF

C86
22uF

C87
47uF

C88
100nF

GND

U6.4
LMC660AIMX/NOPB