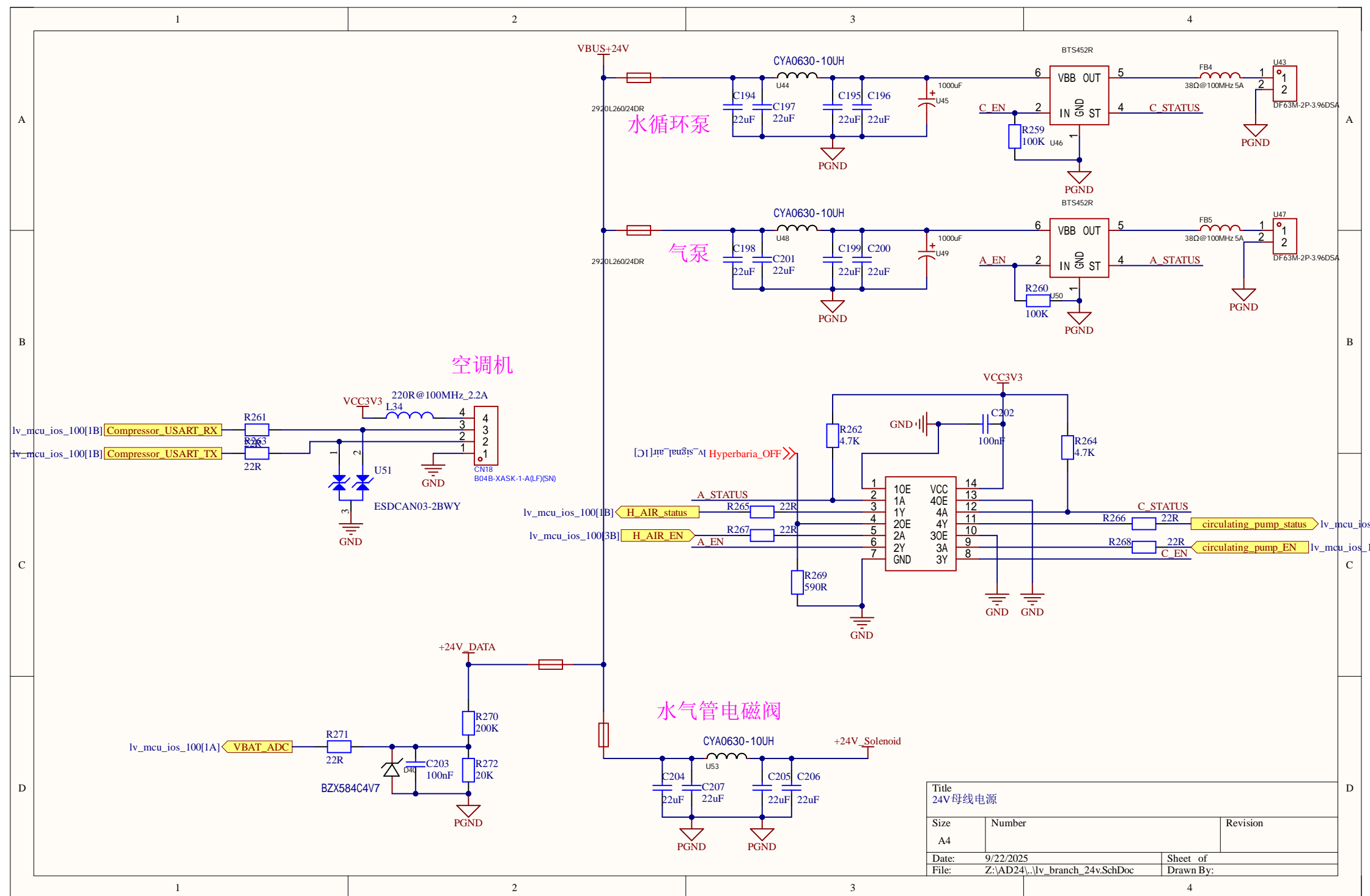
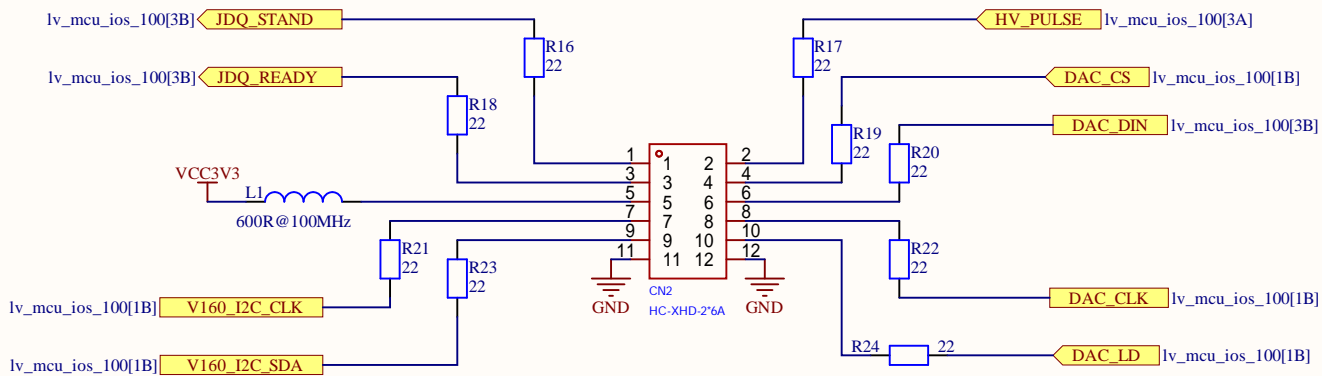
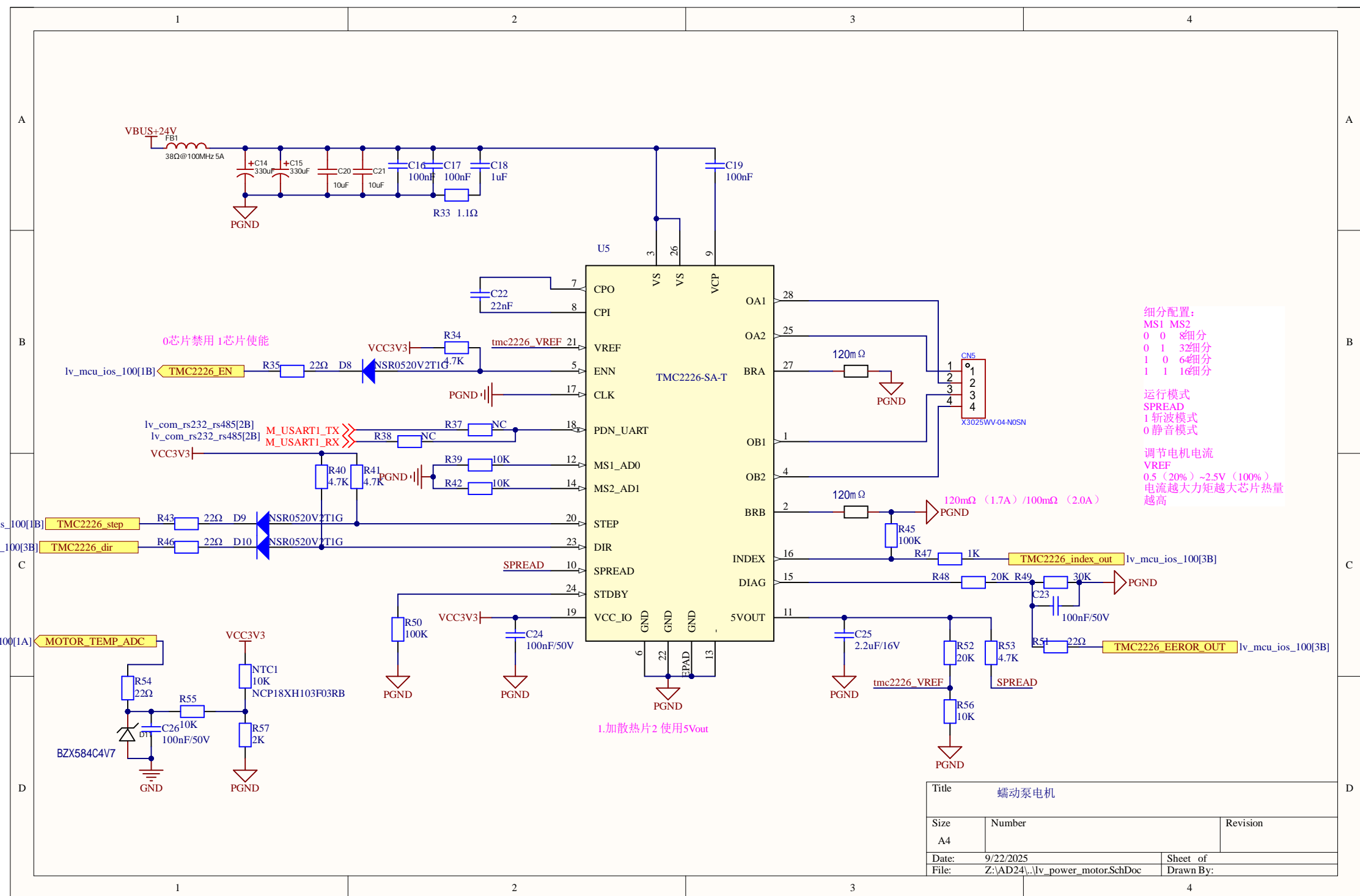


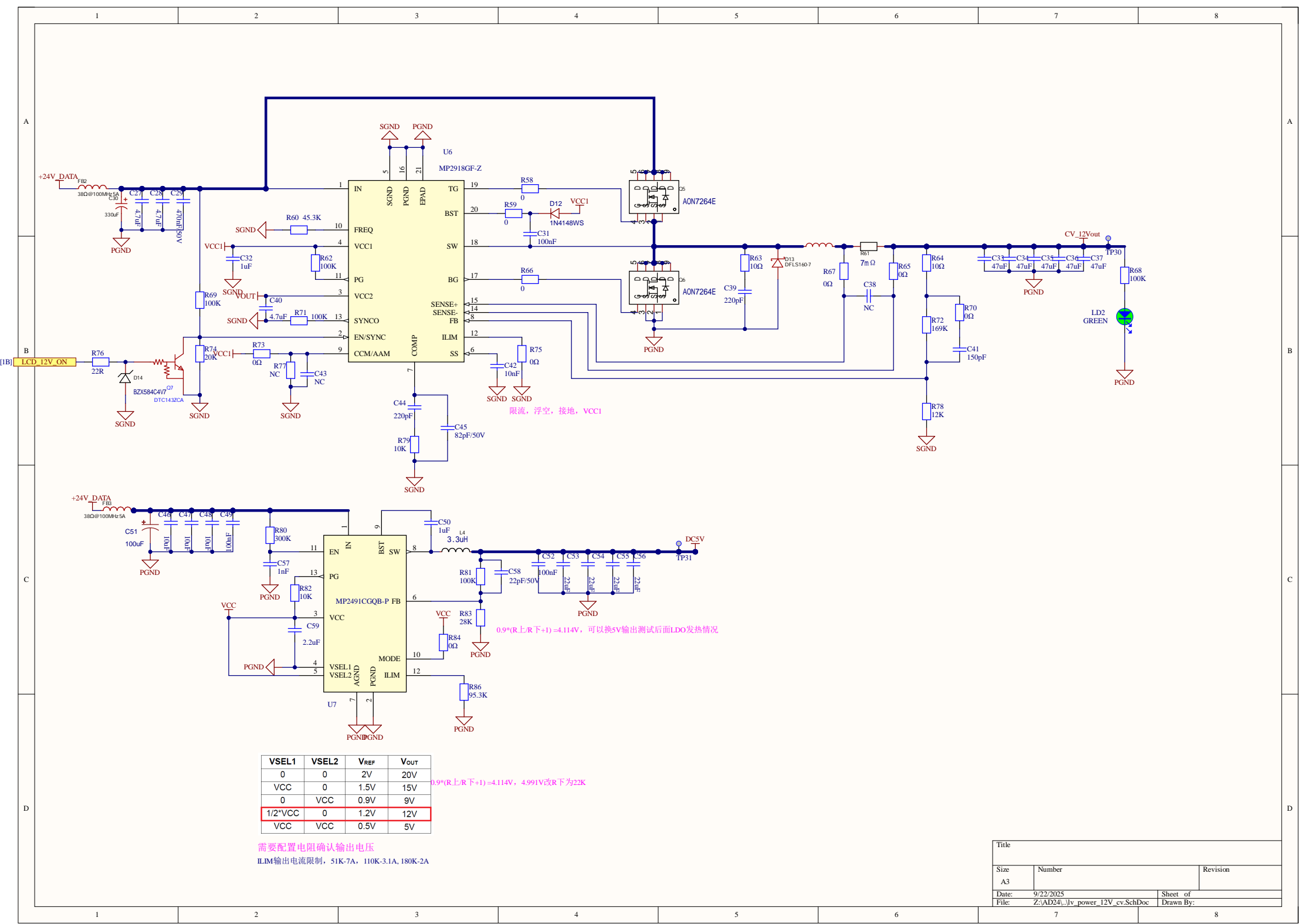
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A4		
Date:	9/22/2025	Sheet of
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Title		
Size	Number	Revision
A4		
Date:	9/22/2025	Sheet of
File:	Z:\AD24\lv_power_diode_laser_cc.SchDoc	Drawn By:







$$R1 = R2 \cdot \left(\frac{V_{OUT}}{0.8V} - 1 \right)$$



R2,R4>50K

图 16. LM27762 Layout Example
(Note: Pullup resistor for PGOOD not shown in example.)

D

1. $R_{sense} = V_{ref} / I_{led}$
= $0.1V / 0.05mA$
= 2
2. 上电顺序: 上电 -> pwm
3. PWM控制信号:
<1V 关机
1V~2.07V PWM调光模式
>2.07V 模拟调光模式
4. PWM频率>10KHZ, 低频率纹波大

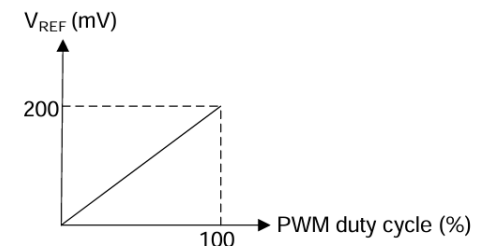
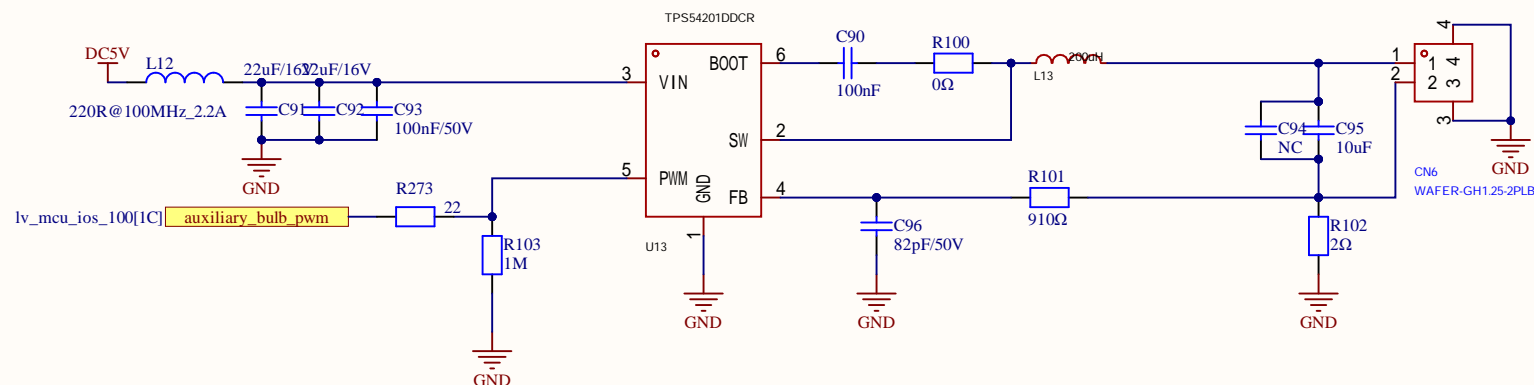
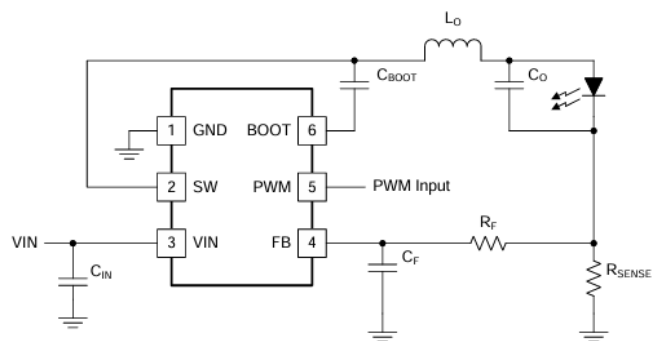


图 16. V_{REF} vs PWM Duty Cycle in Analog Dimming Mode



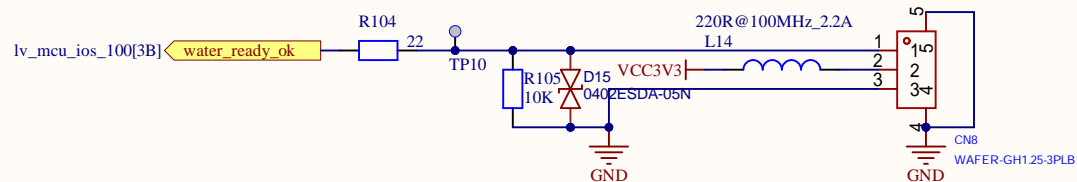
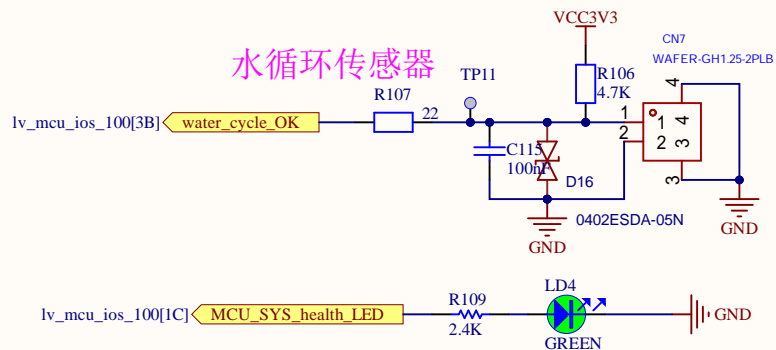
简化电路原理图



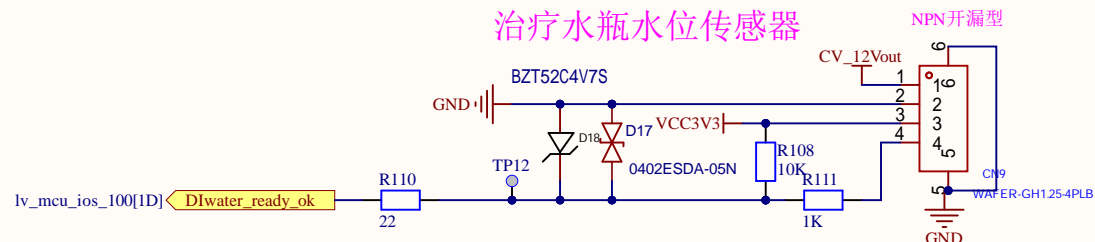
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Size A4	Number	Revision
Date: 9/22/2025	Sheet of 4	
File: Z:\AD24\lv_power_indicator_light_cc	Drawn By: Shun	

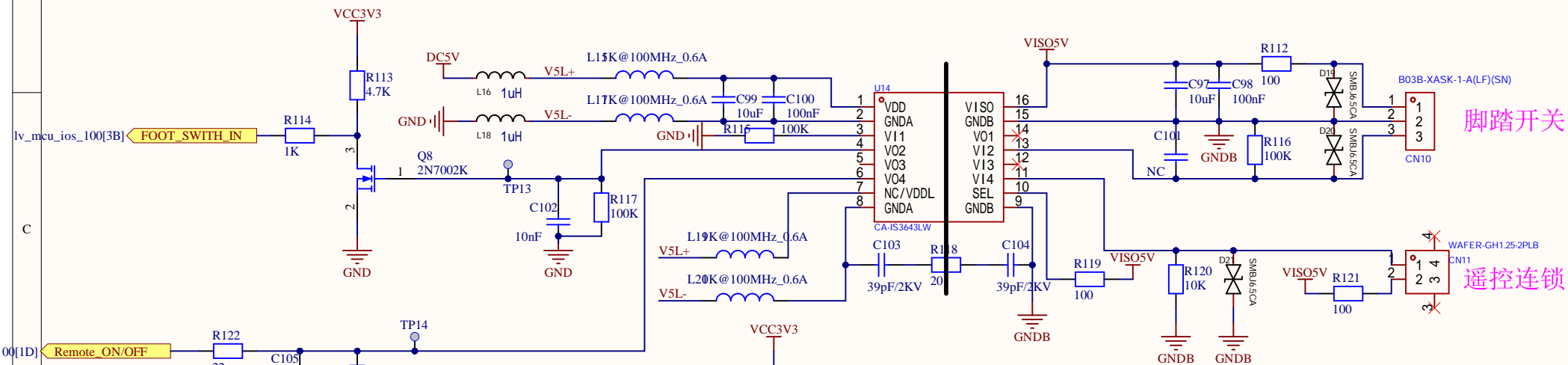
水循环传感器



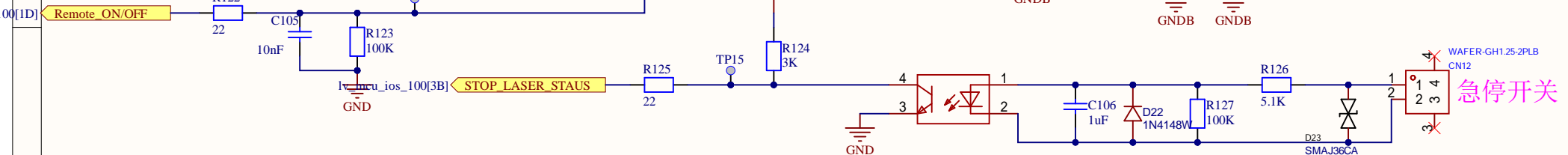
治疗水瓶水位传感器



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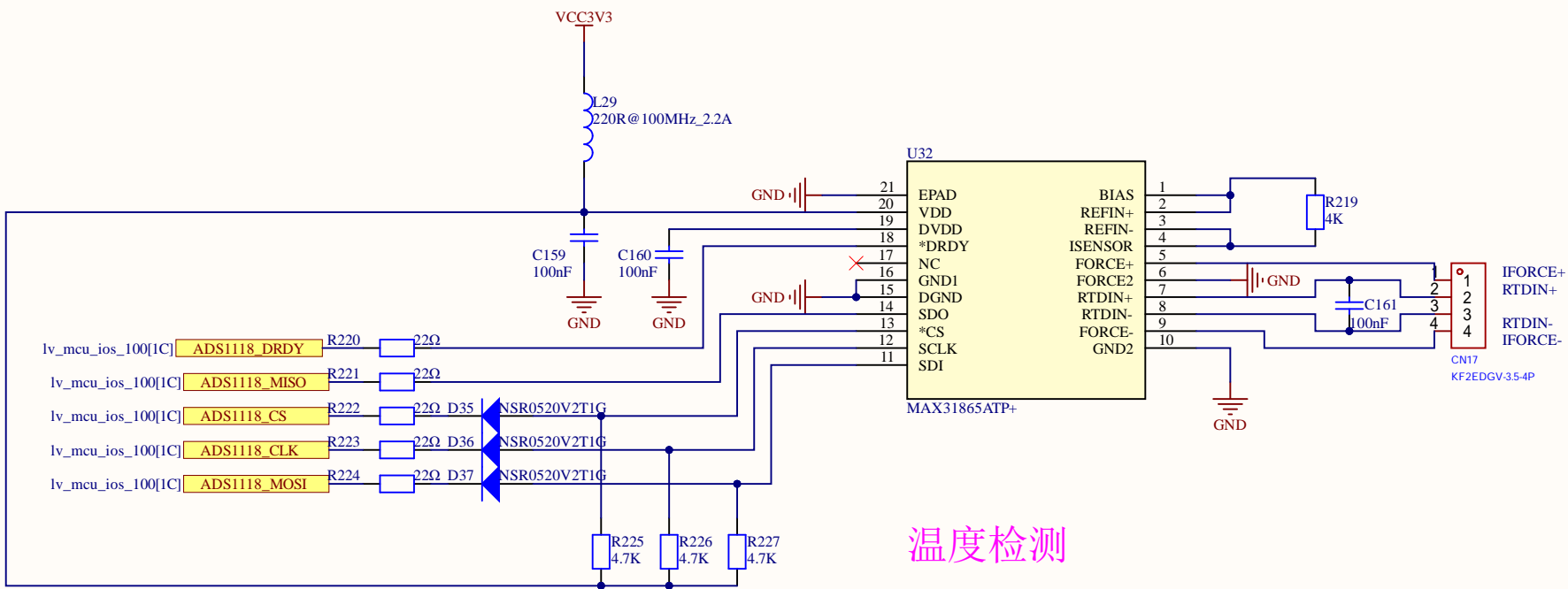


遥控连锁



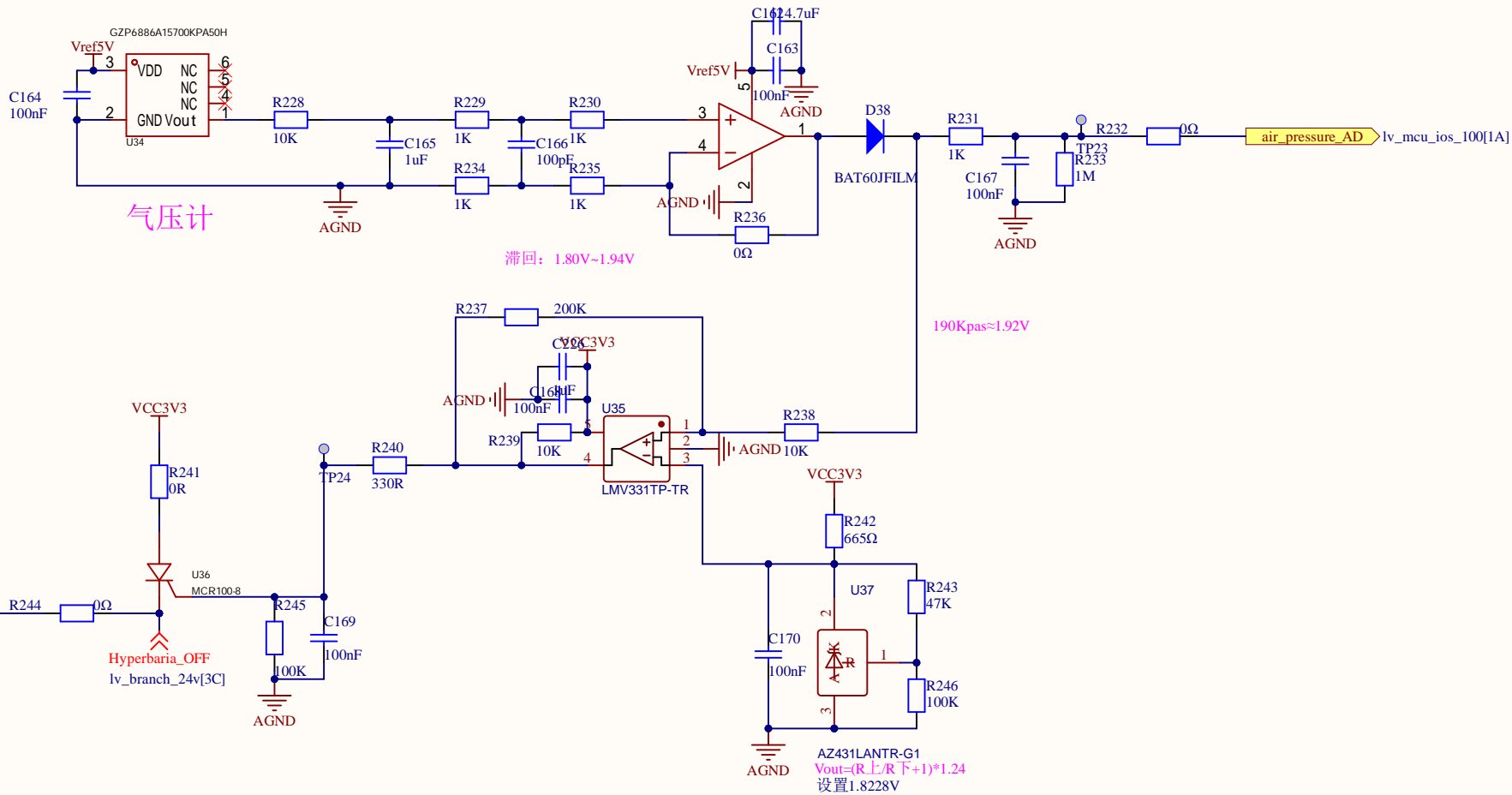
急停开关

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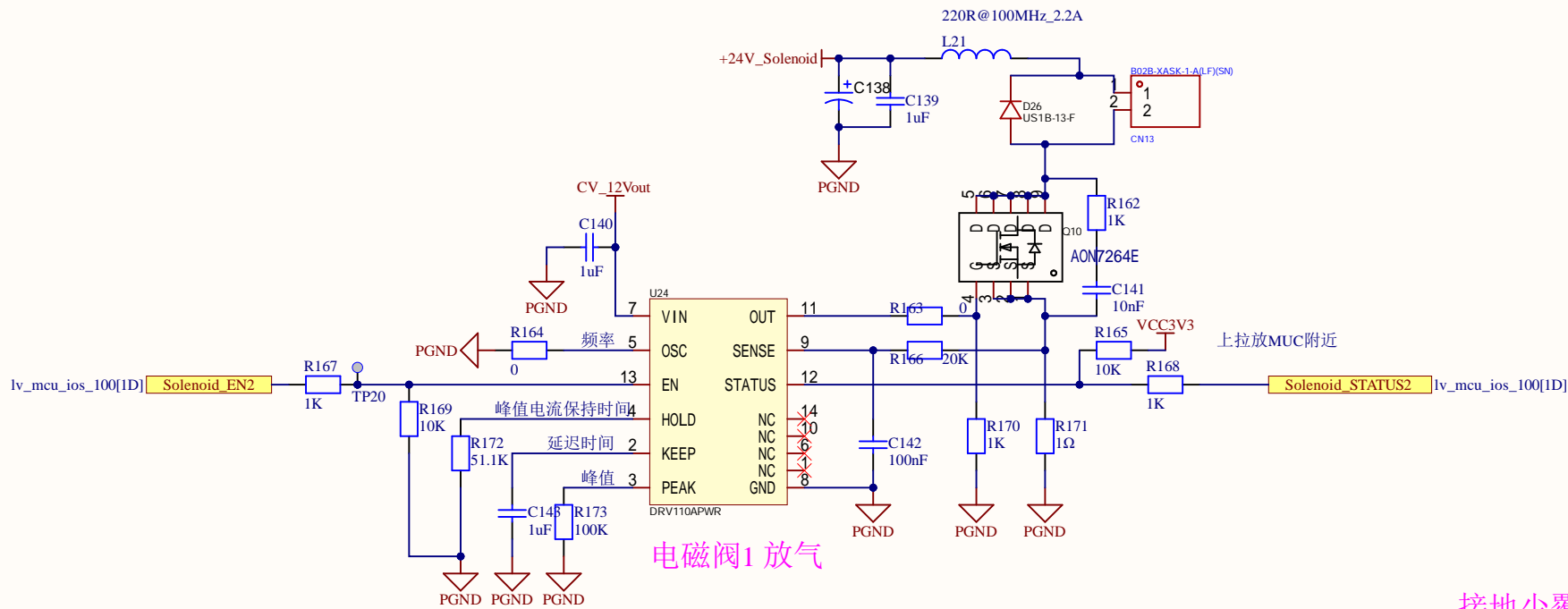


温度检测

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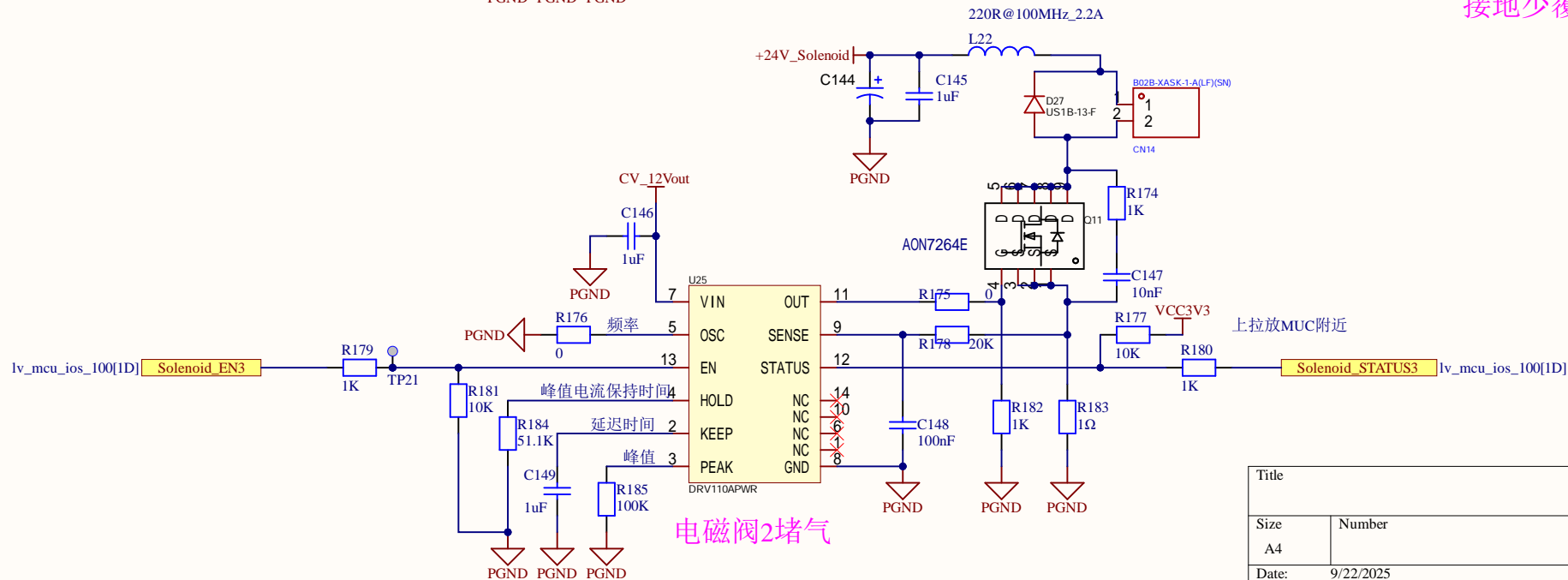


Title		
Size	Number	Revision
A4		
Date:	9/22/2025	Sheet of
File:	Z:\AD24\lv_signal_air.SchDoc	Drawn By:



电磁阀1 放气

接地少覆铜或不要覆铜



电磁阀2 堵气

Title		
Size	Number	Revision
A4		
Date:	9/22/2025	Sheet of
File:	Z:\AD24\lv_io_solenoid.SchDoc	Drawn By:

A

B

C

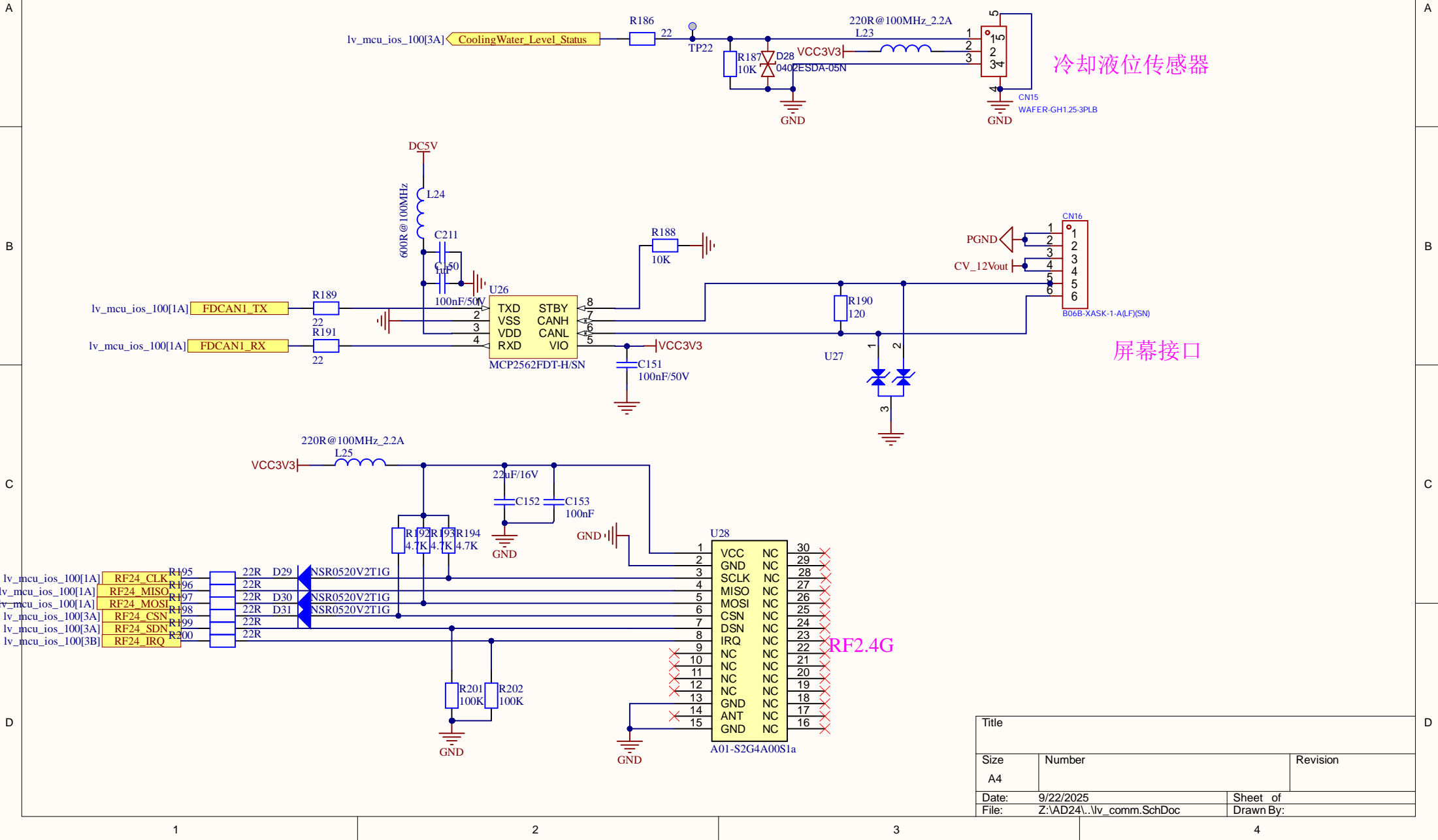
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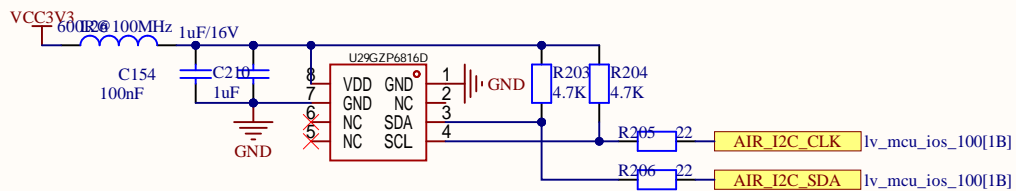
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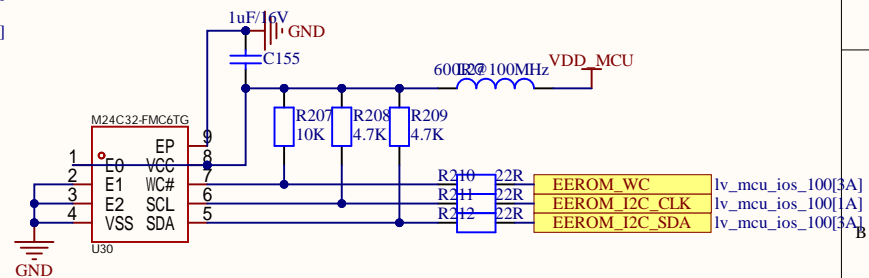
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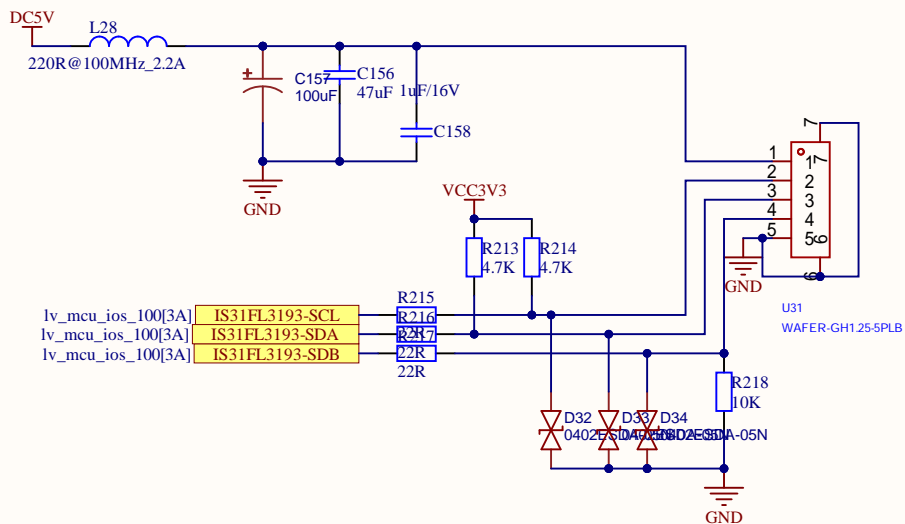
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Size	Number	Revision
A4		
Date:	9/22/2025	Sheet of
File:	Z:\AD24\..lv_comm.SchDoc	Drawn By:



环境气压、温度传感器



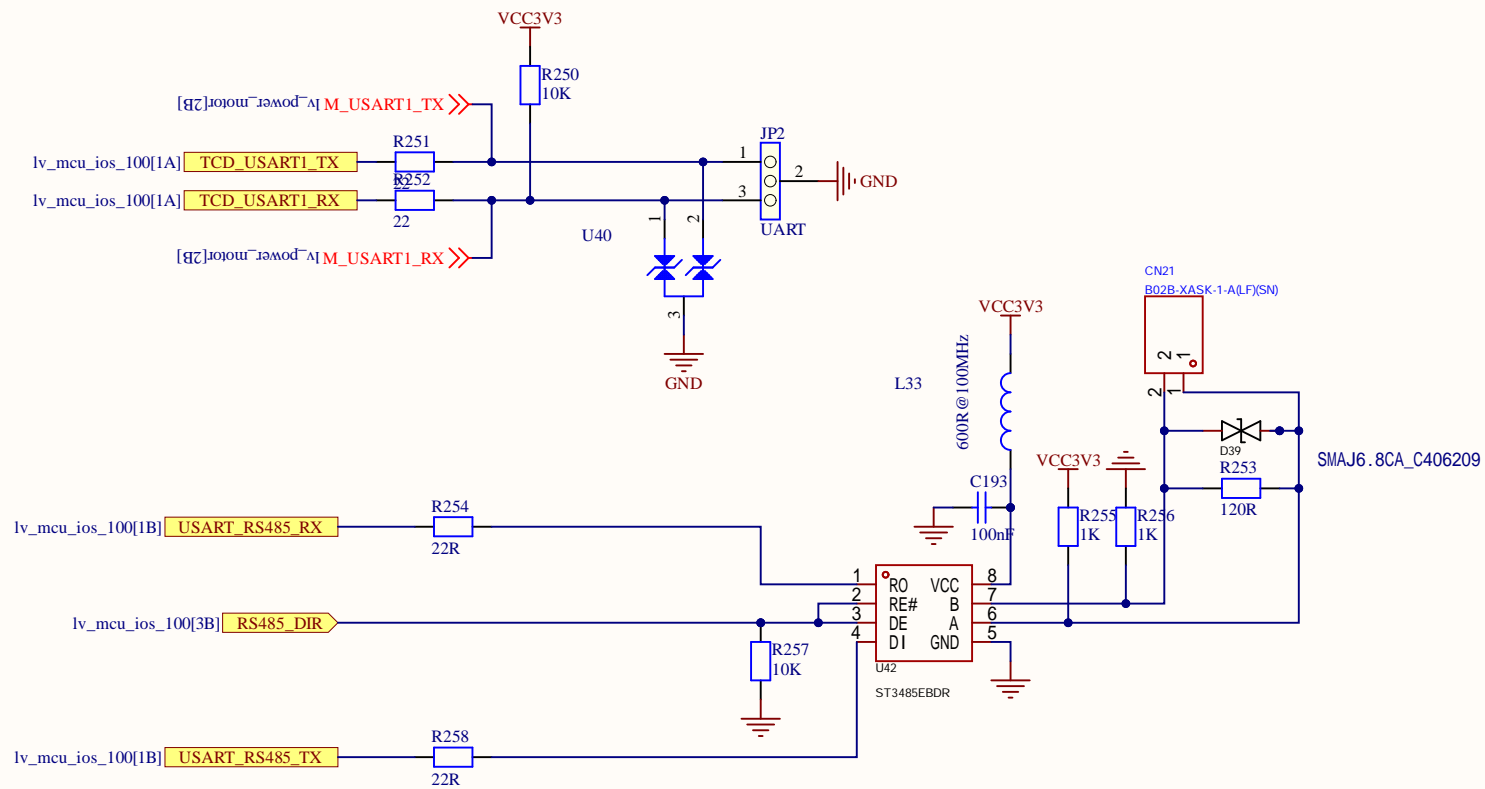
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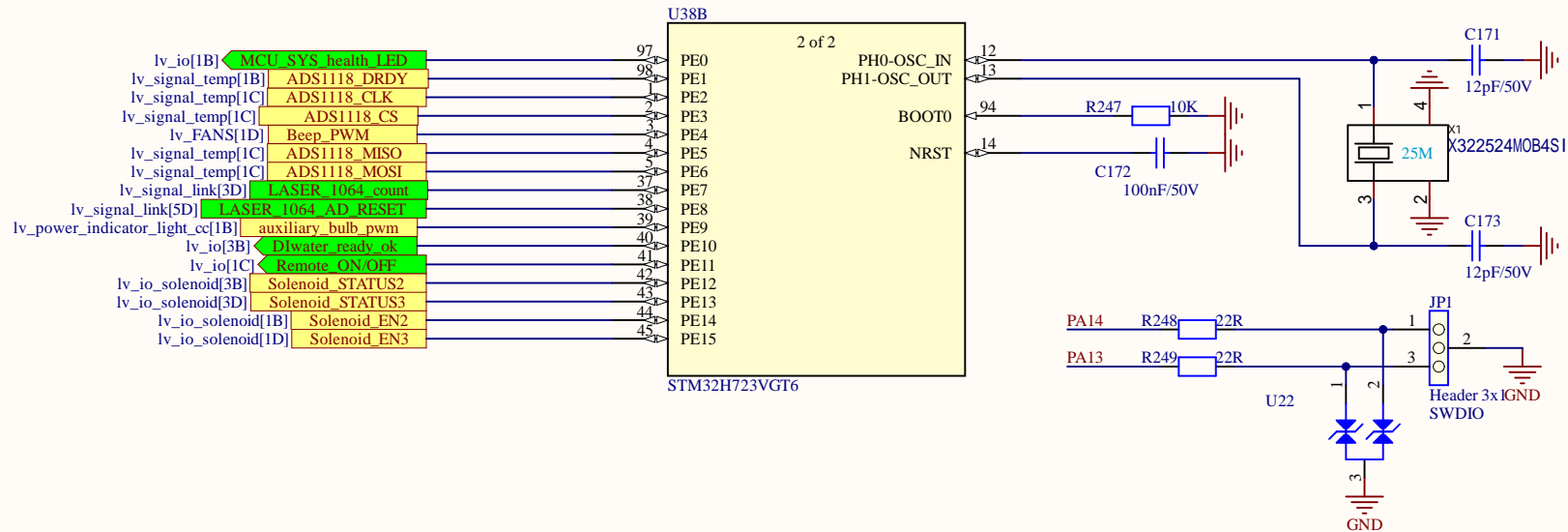
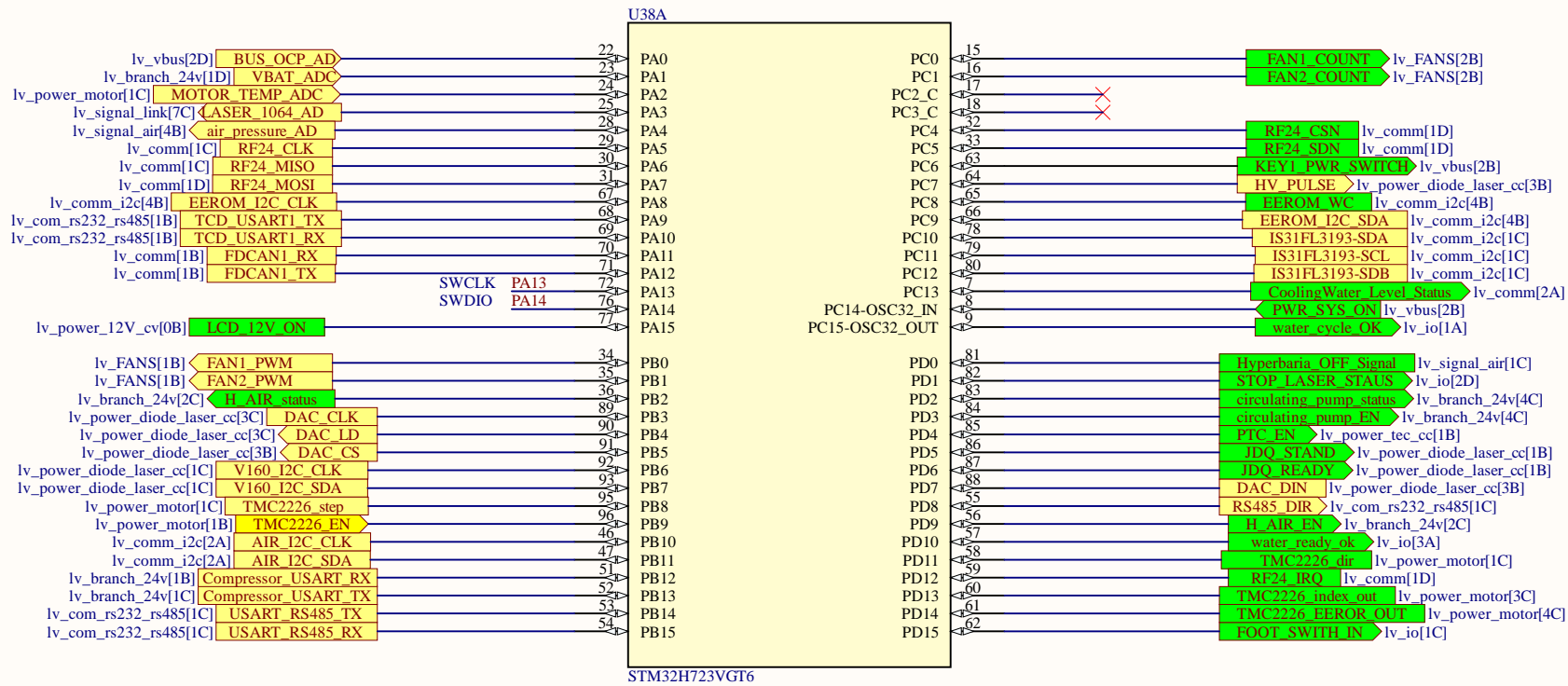
RGB氛围灯

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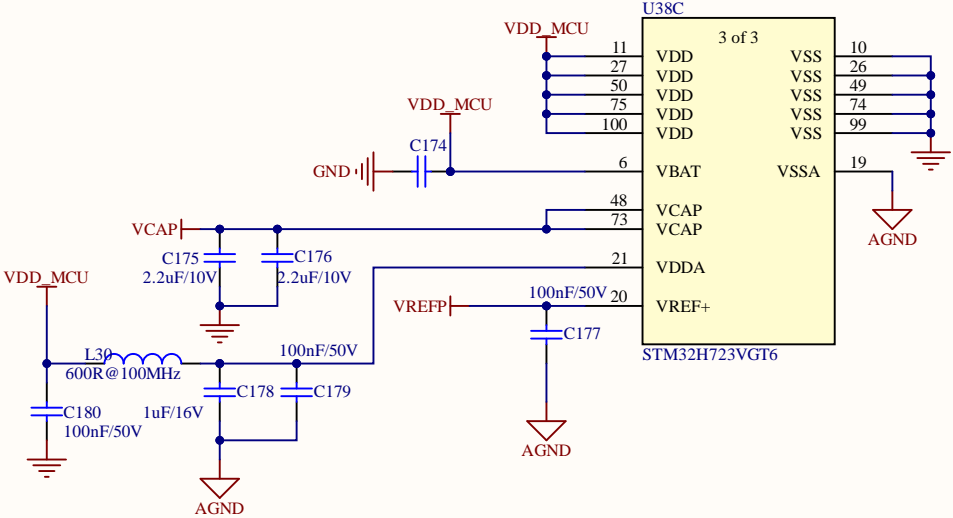
RS232 & RS485 (USART1)



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Date:	9/22/2025	Sheet of
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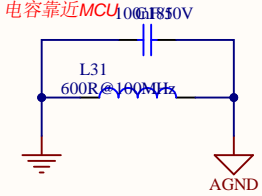
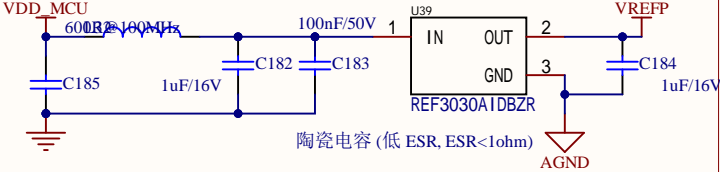
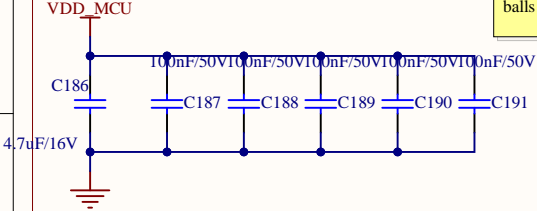


MCU PWR SUPPLIES

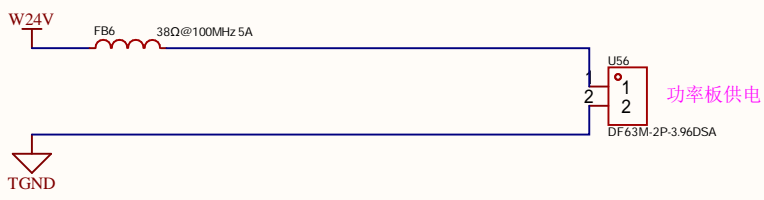
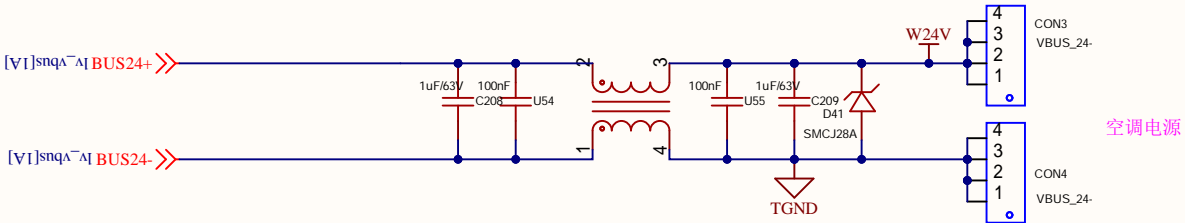


MCU DECAPS
Ceramic capacitor (Low ESR, ESR<1ohm)

capa near balls

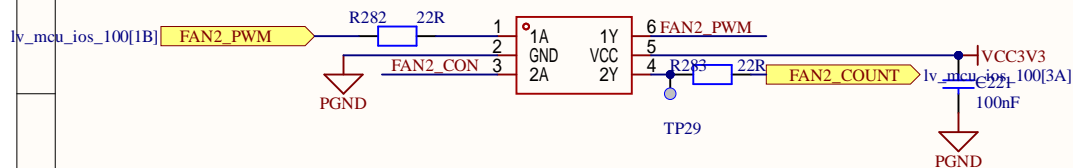
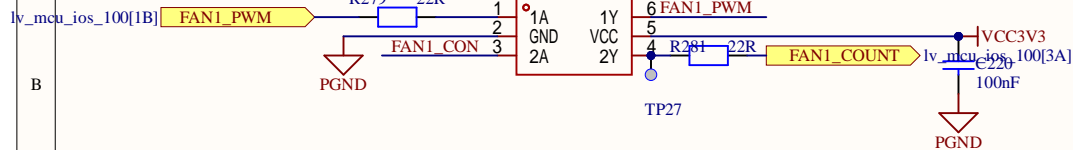
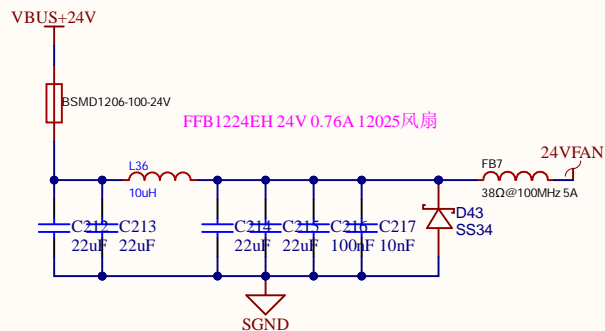


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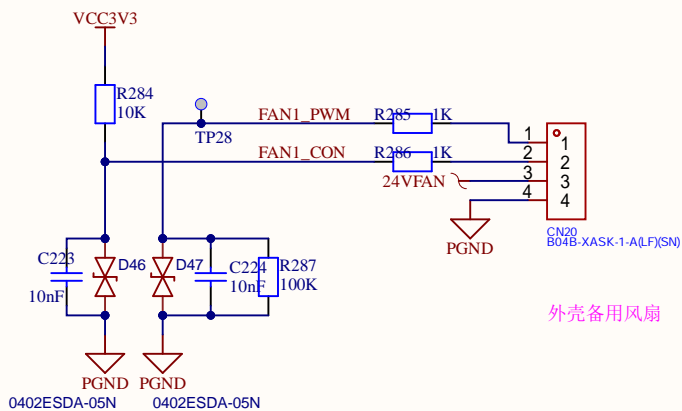
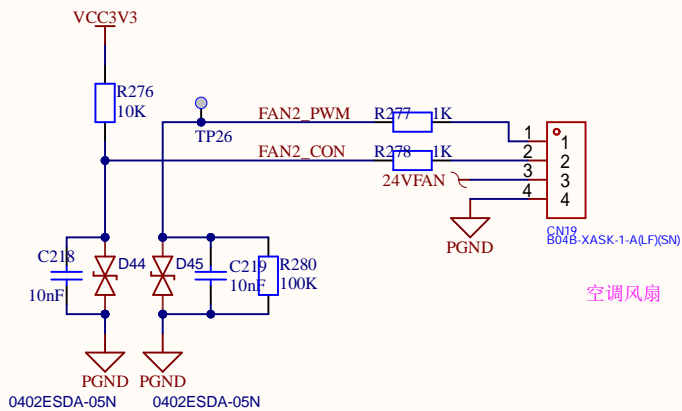
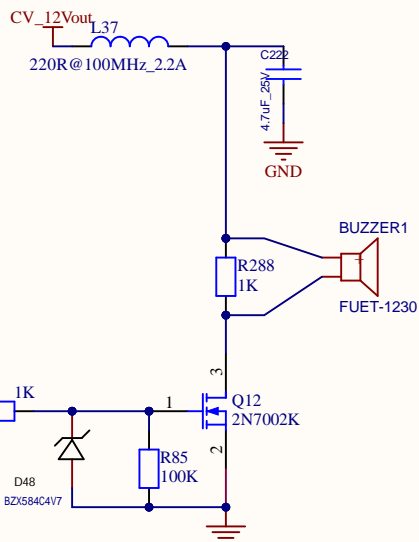


功率板上控制IO和3.3V隔离

Title		
Size	Number	Revision
A4		
Date:	9/22/2025	Sheet of
File:	Z:\AD24\lv_AirConditioner_power.SchDoc	Drawn By:



BEEP



Title		
Size	Number	Revision
A4		
Date:	9/22/2025	Sheet of
File:	Z:\AD24\lv_FANS.SchDoc	Drawn By: