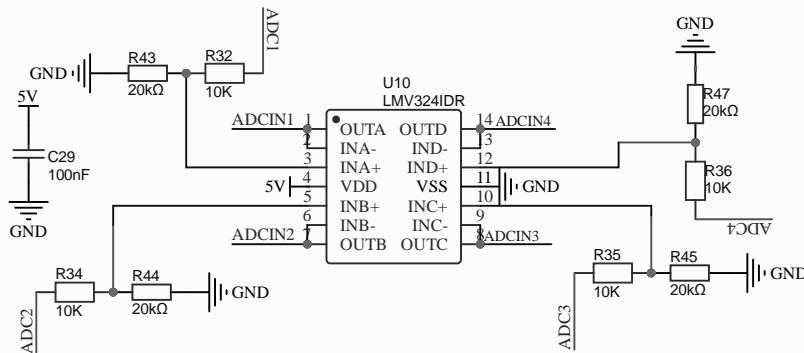


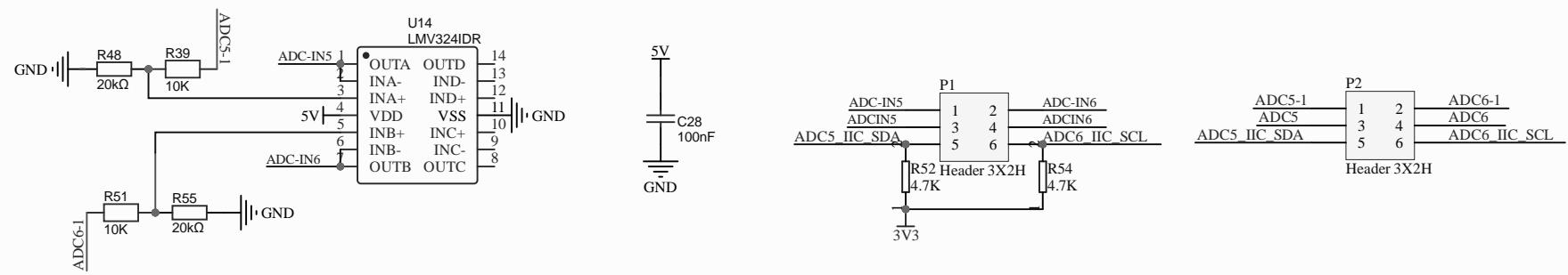
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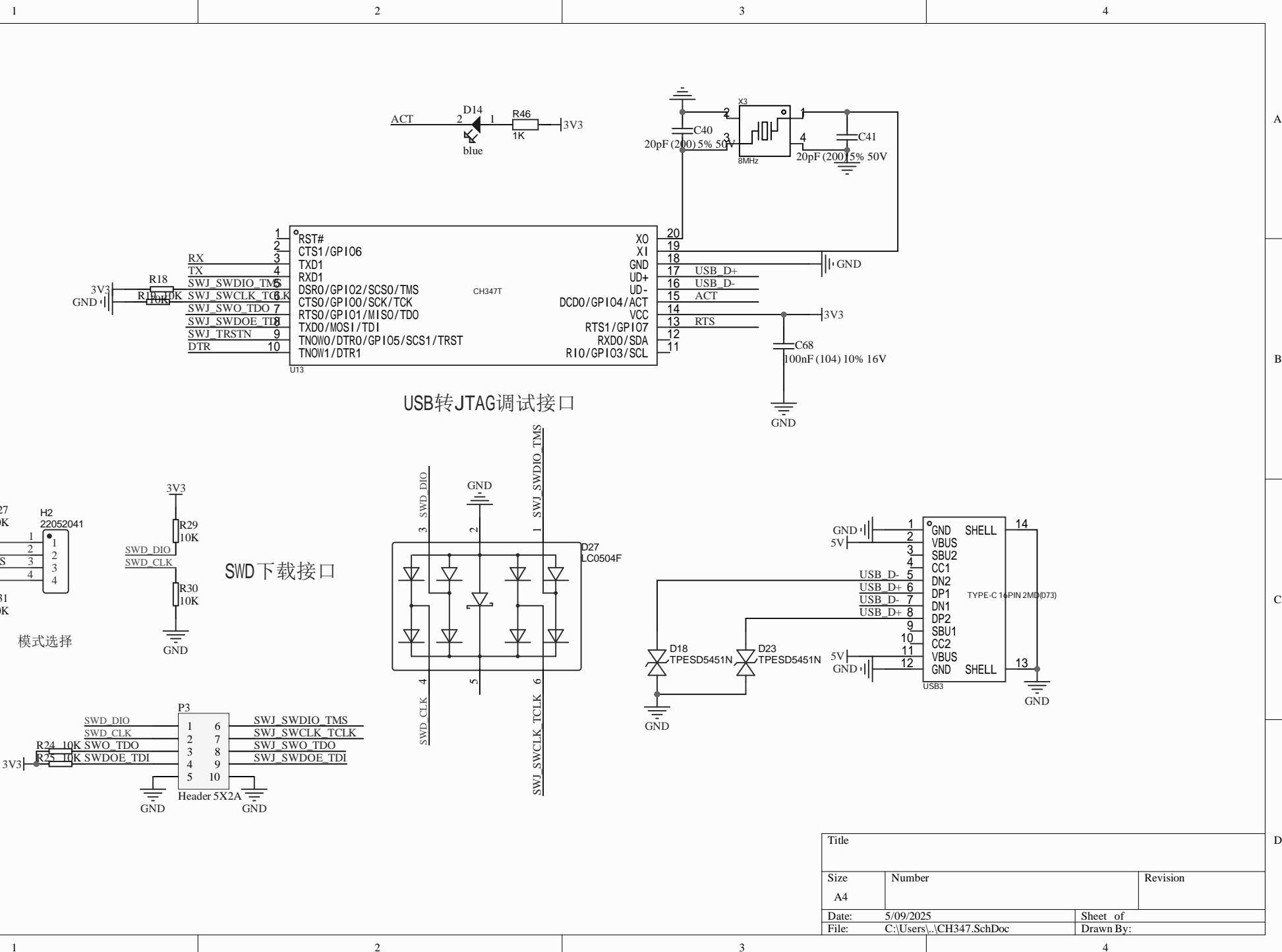
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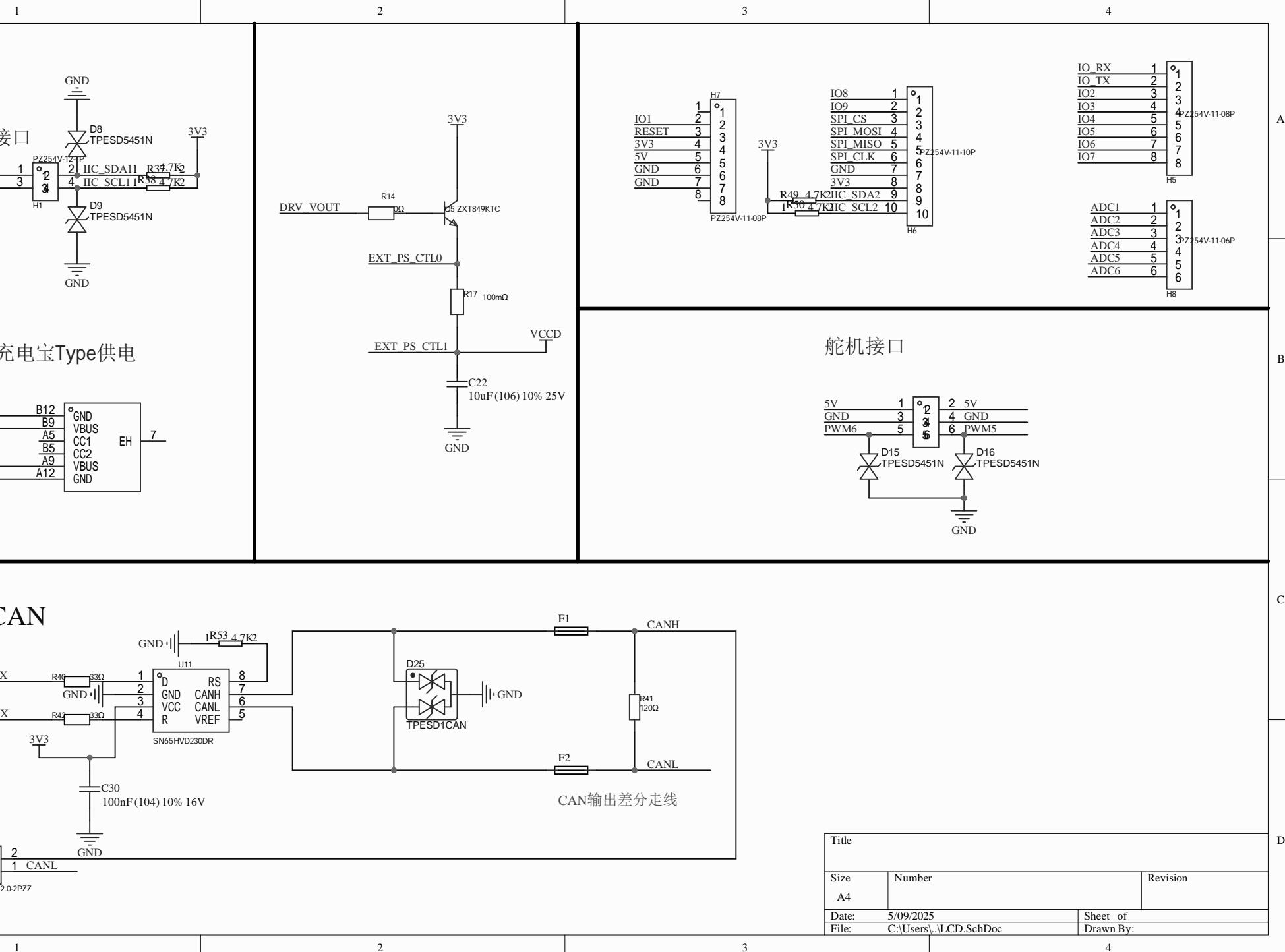
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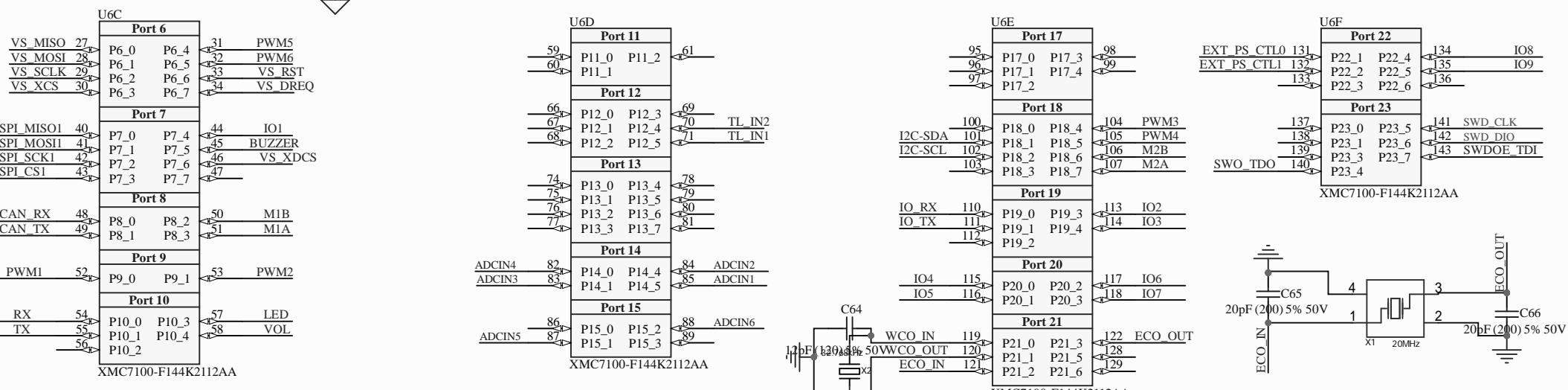
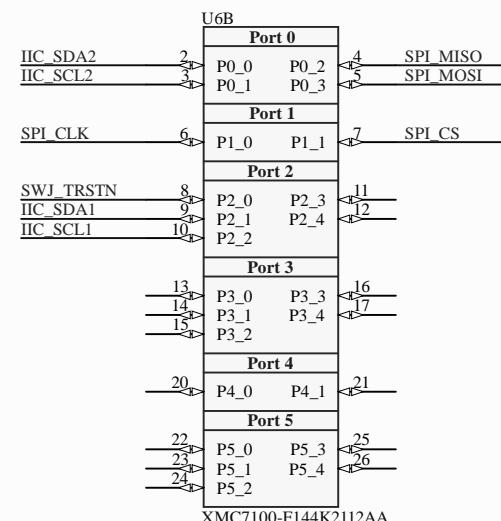
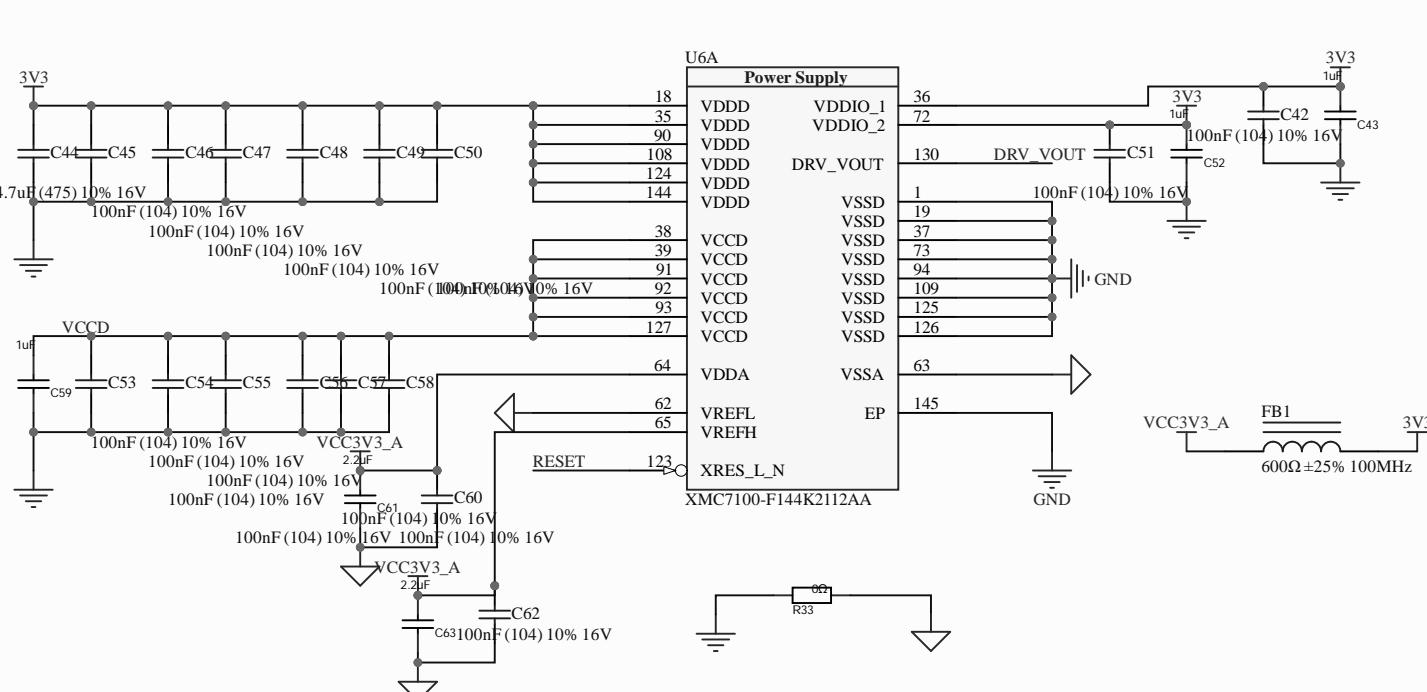
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1 2 3 4



12pF(120) 5% 50V

1pF(120) 5% 50V

WCO_IN

WCO_OUT

ECO_IN

ECO_OUT

20pF(200) 5% 50V

20pF(200) 5% 50V

X1 20MHz

C65

C66

ECO OUT

1

2

3

4

Title

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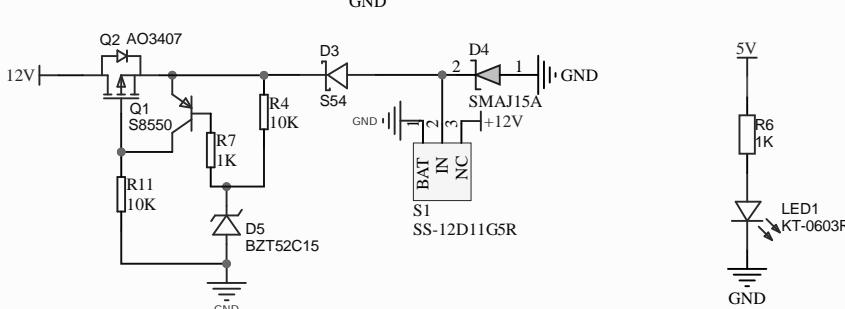
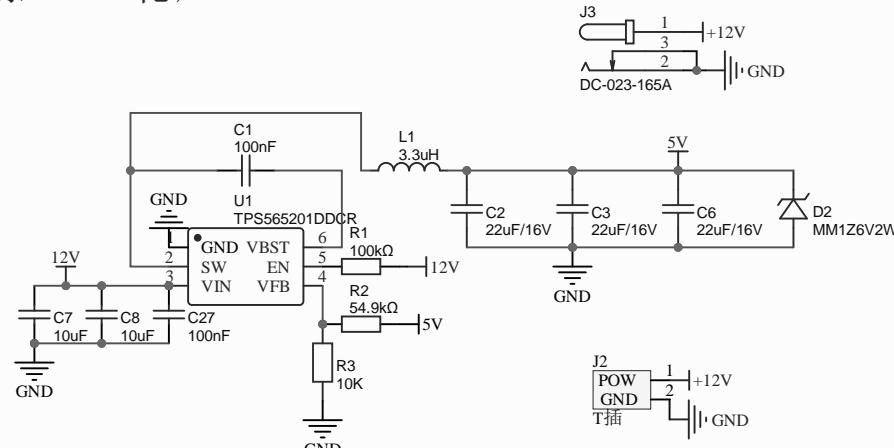
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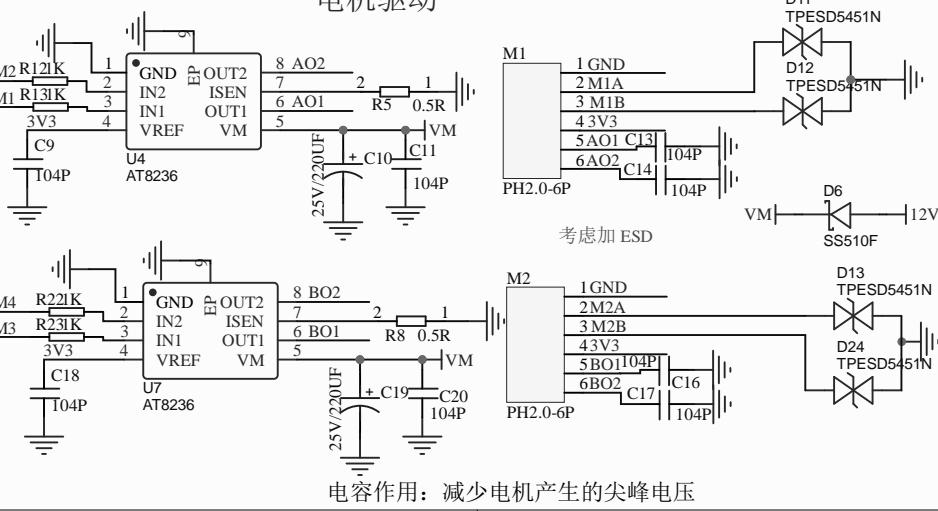
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电源5V/4A稳压

SMAJ15A/SMAJ5A/ZMM5V1作用：防过压/欠压

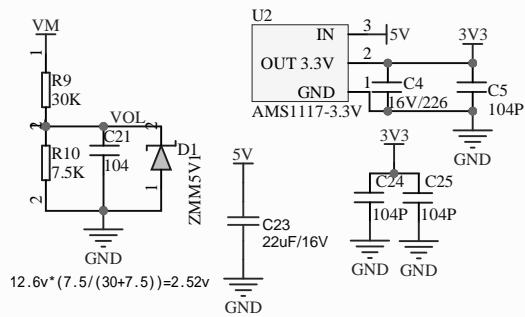


电机驱动

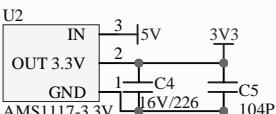


电容作用：减少电机产生的尖峰电压

电量检测

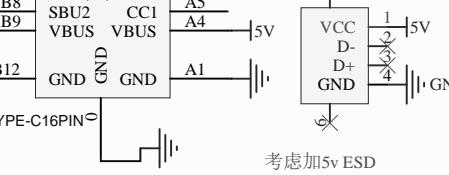


3.3V稳压



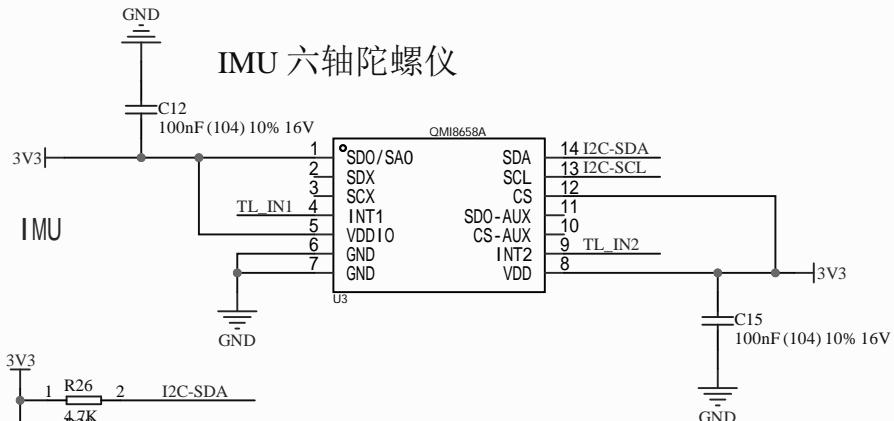
$$12.6V * (7.5 / (30 + 7.5)) = 2.52V$$

Type-C供电和通讯3P排针

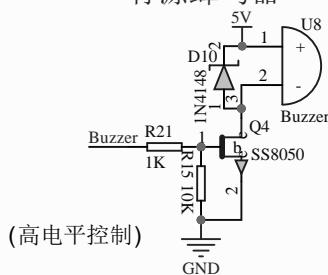


考虑加5v ESD

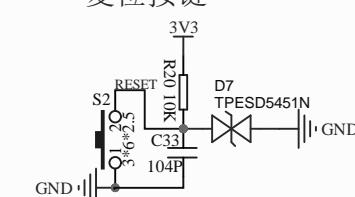
IMU 六轴陀螺仪



有源蜂鸣器



复位按键



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4

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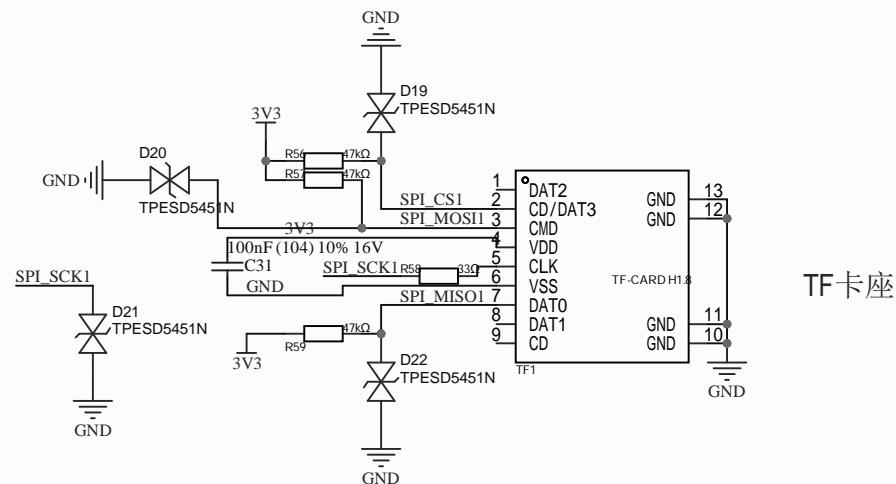
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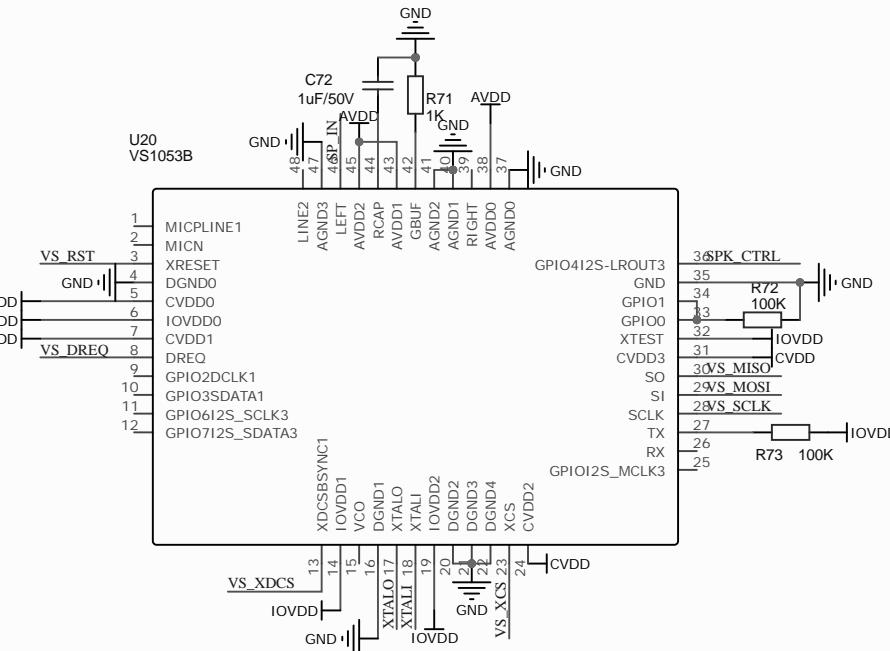
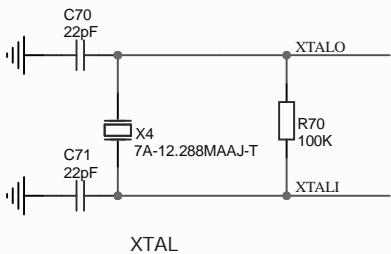


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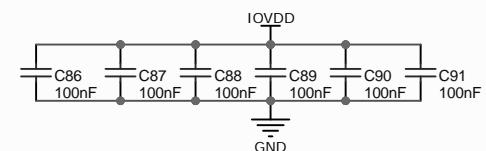
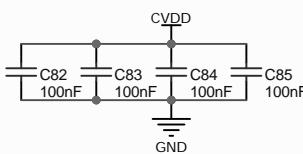
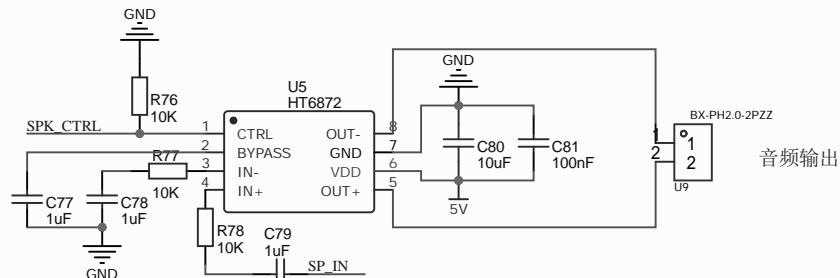
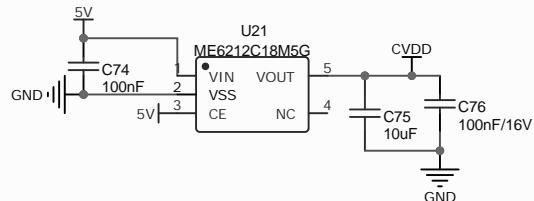
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