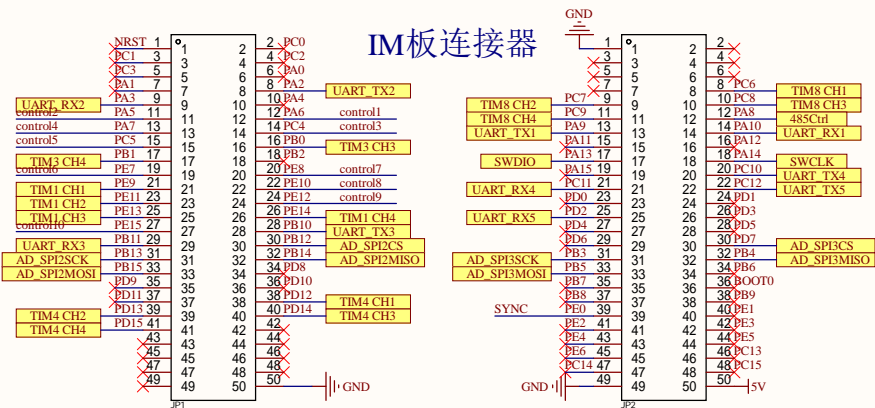
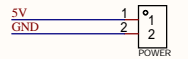


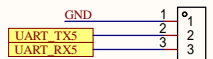
## IM板连接器



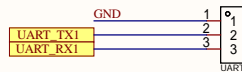
## 电源接口



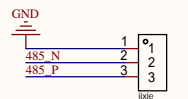
## 备用串口5



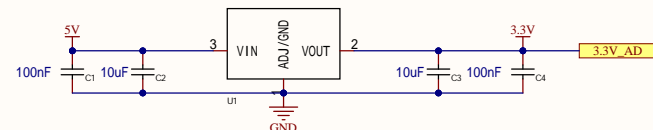
## 树莓派串口



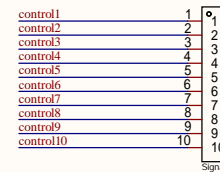
## IMU接口



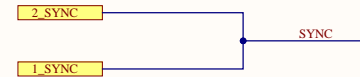
## AMS1117降压电路



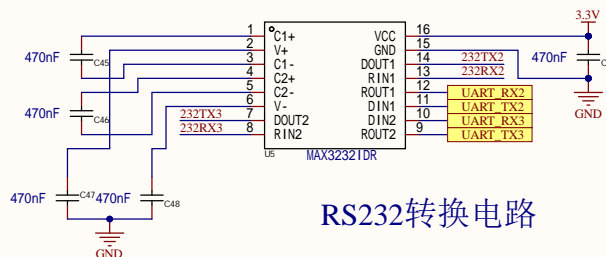
## 继电器控制信号



## AD4111同步引脚

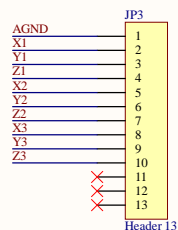


## RS232转换电路

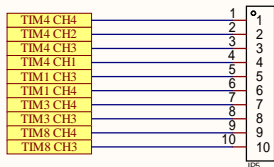


## 后舱盖接口

### AD校准用

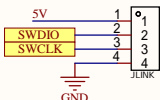


### 后舱盖及备用PWM接口



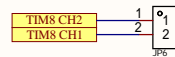
TIM4\_CH2 后垂推  
TIM4\_CH2 左侧主推  
TIM4\_CH3 右侧主推  
TIM4\_CH1 左舵机  
TIM1\_CH3 右舵机  
TIM1\_CH4 水下灯  
TIM3\_CH4 机械手  
TIM3\_CH3 备用1  
TIM8\_CH4 备用2  
TIM8\_CH3 备用3

## 烧录口, jlink或者DAP



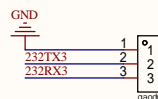
## 前舱盖接口

### 前舱盖PWM接口

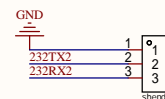


TIM8\_CH2 左垂推  
TIM8\_CH1 右垂推

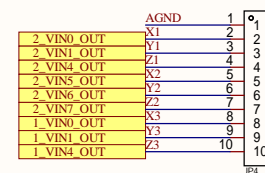
### 高度计接口



### 温深仪接口



## 磁力仪接口



前置磁力仪 X1 Y1 Z1  
左磁力仪 X2 Y2 Z2  
右磁力仪 X3 Y3 Z3

AGND 模拟地

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