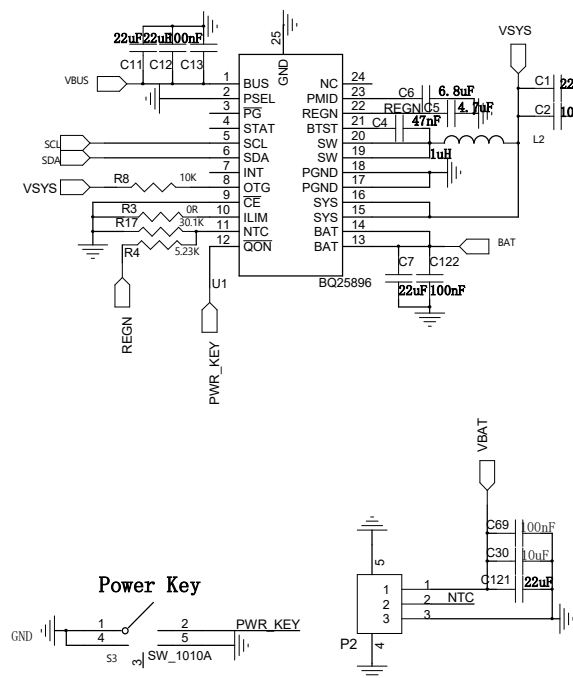
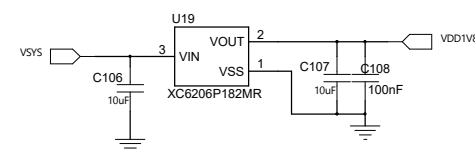
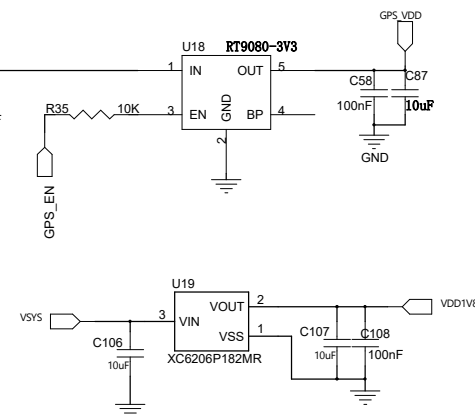
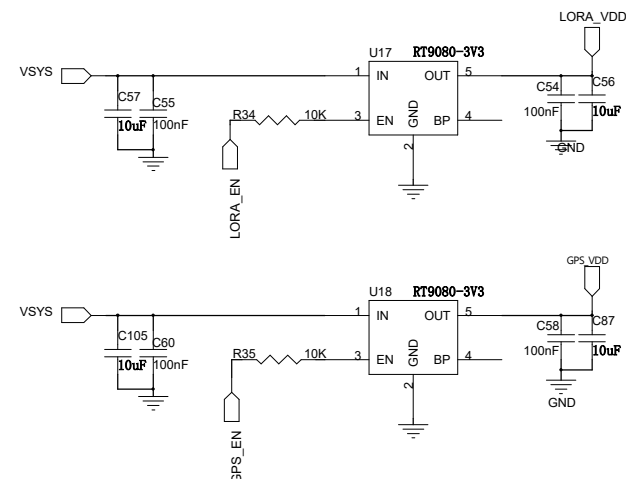
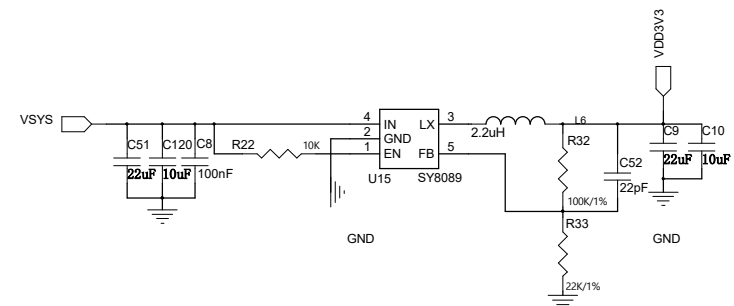
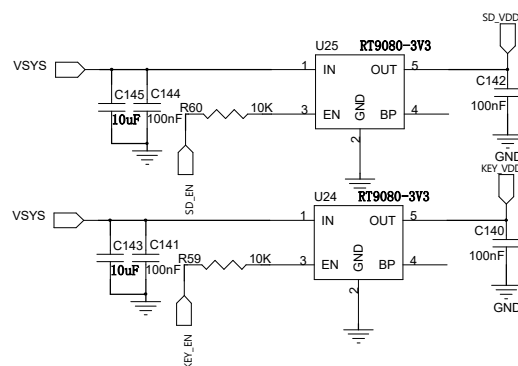
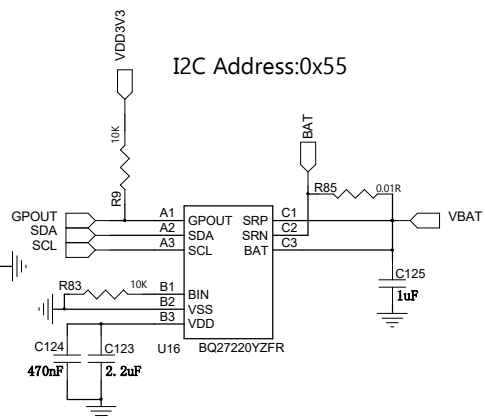


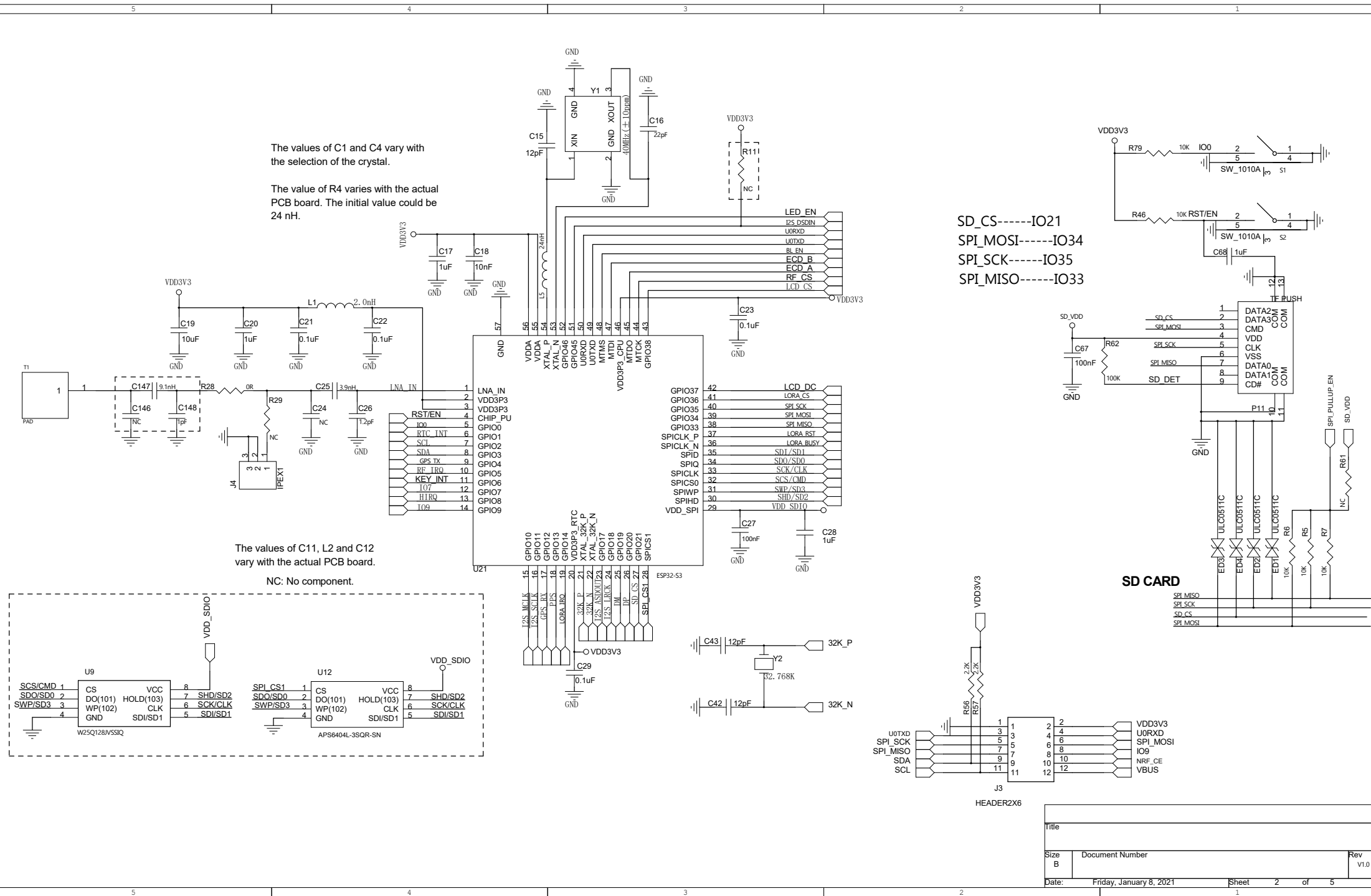
I2C Address:0x6B



I2C Address:0x55



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The values of C1 and C4 vary with the selection of the crystal.

The value of R4 varies with the actual PCB board. The initial value could be 24 nH.

The values of C11, L2 and C12 vary with the actual PCB board.

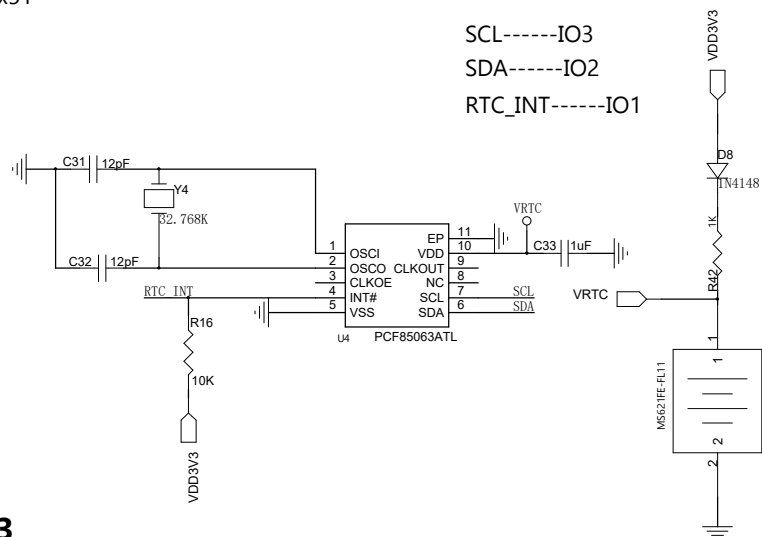
NC: No component.

SD\_CS-----IO21  
SPI\_MOSI-----IO34  
SPI\_SCK-----IO35  
SPI\_MISO-----IO33

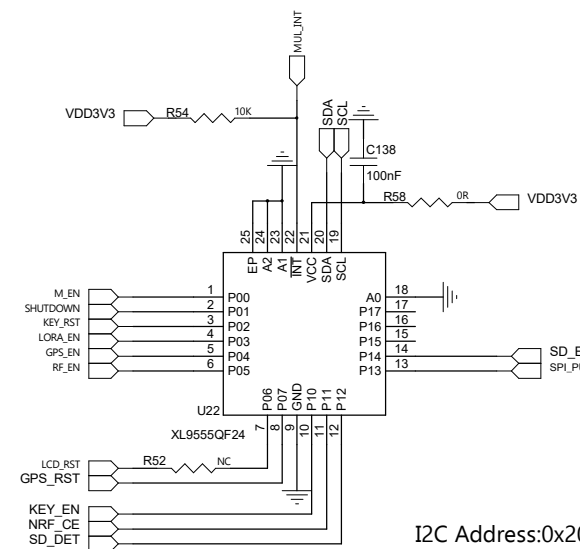
SD CARD

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```
SCL-----IO3
SDA-----IO2
RTC_INT-----IO1
```

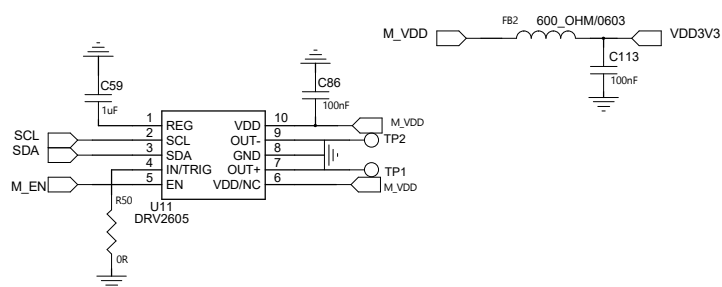


# PCF85063



I2C Address:0x20

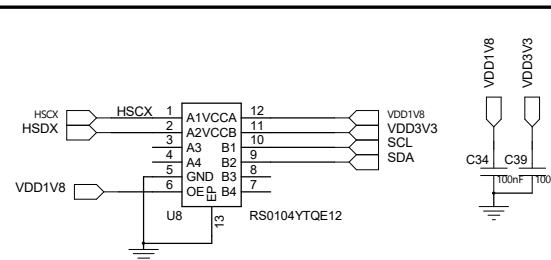
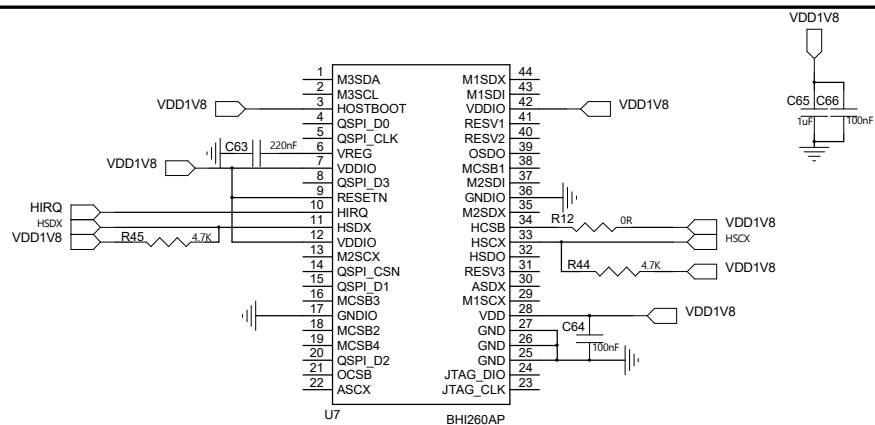
SCL-----IO3  
SDA-----IO2



## 震动马达

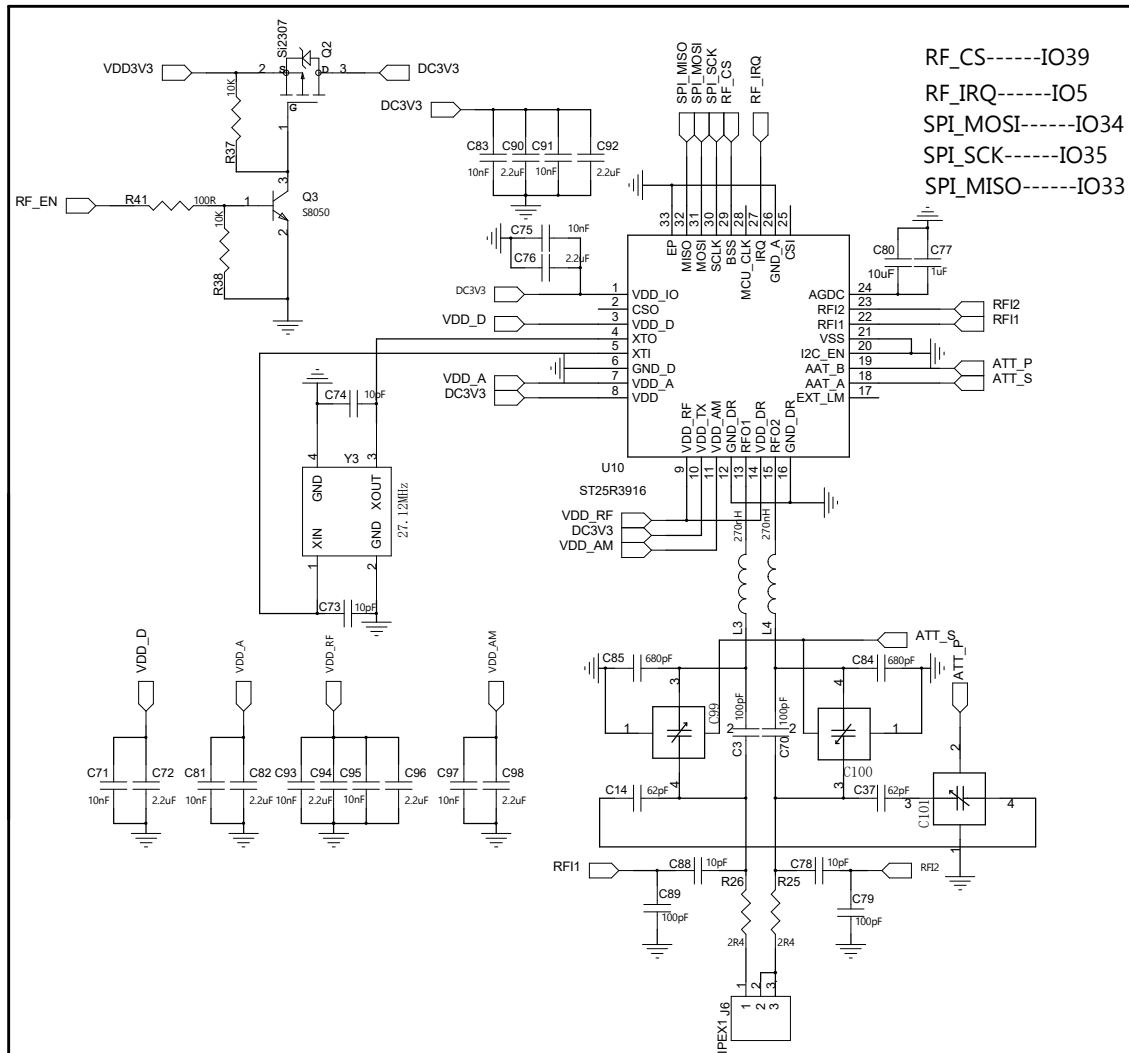
陀螺仪

SCL-----IO3  
SDA-----IO2  
HIRQ-----IO8



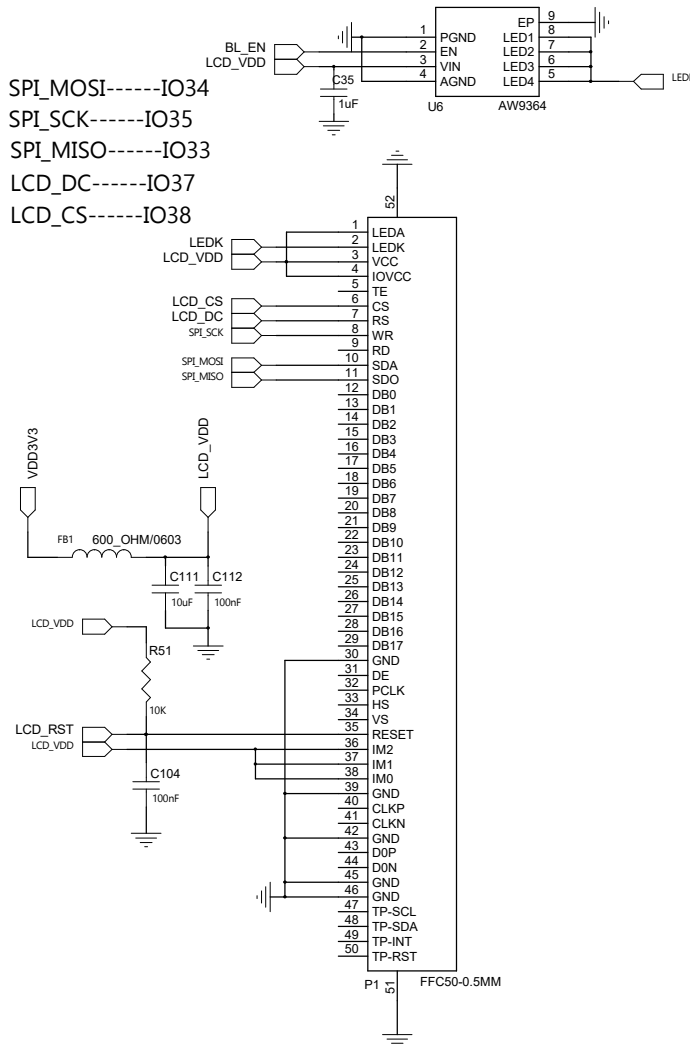
I2C Address:0x28

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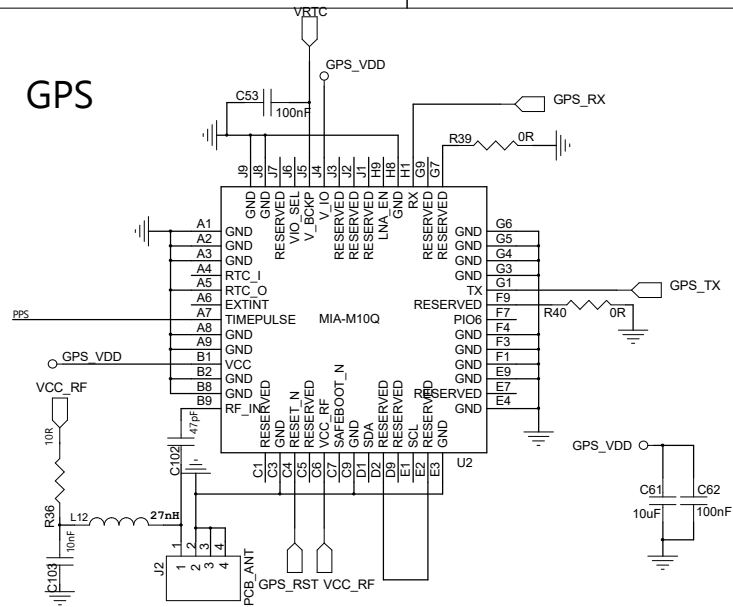
## LCD Connector

SPI\_MOSI-----IO34  
 SPI\_SCK-----IO35  
 SPI\_MISO-----IO33  
 LCD\_DC-----IO37  
 LCD\_CS-----IO38



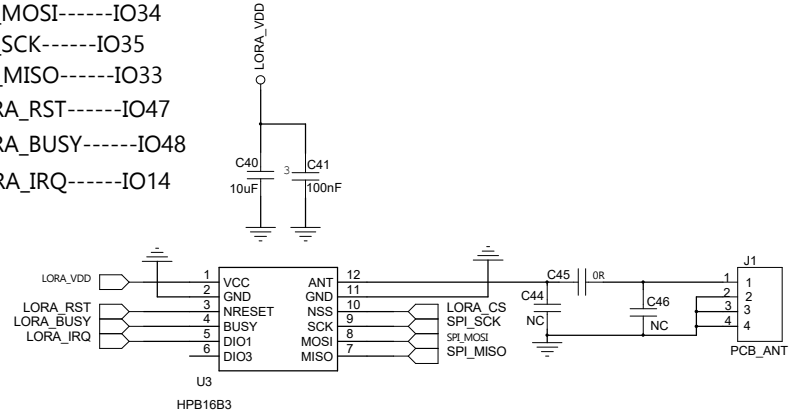
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## GPS

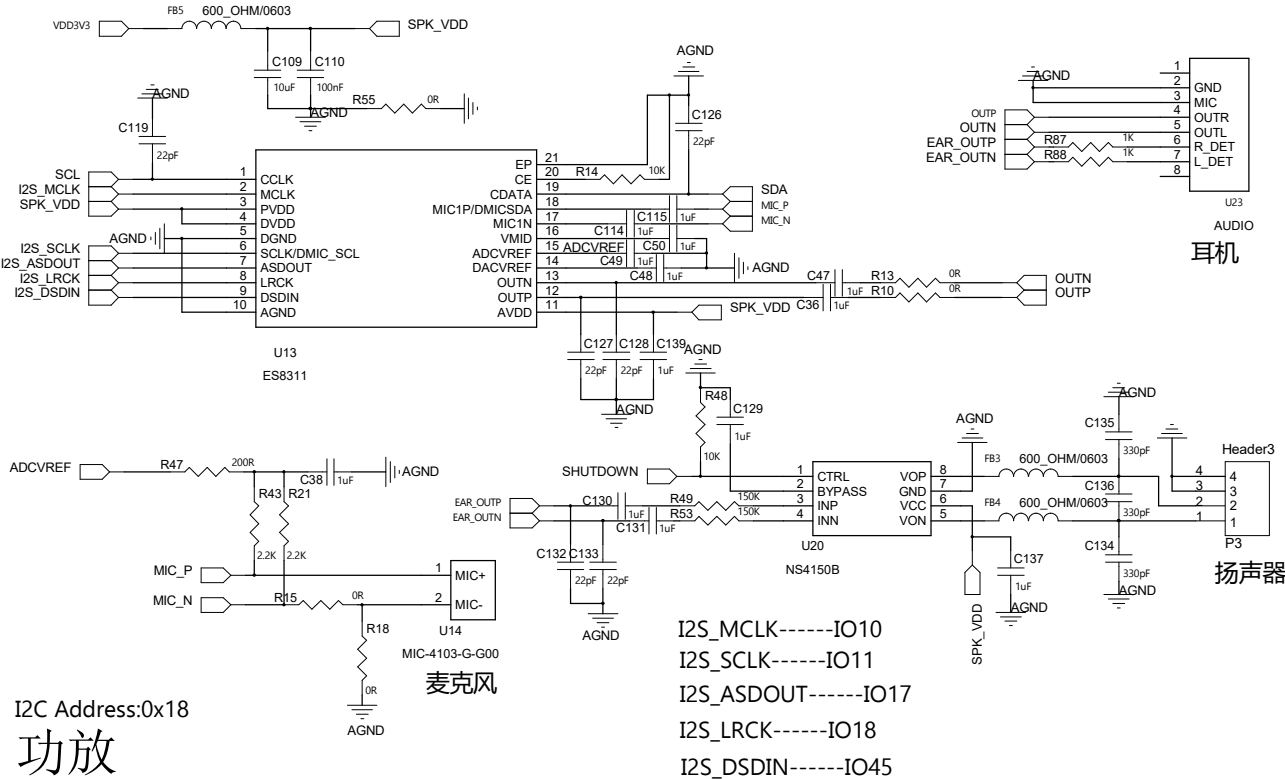


PPS-----IO13  
GPS\_TX-----IO4  
GPS\_RX-----IO12

LORA\_CS-----IO36  
SPI\_MOSI-----IO34  
SPI\_SCK-----IO35  
SPI\_MISO-----IO33  
LORA\_RST-----IO47  
LORA\_BUSY-----IO48  
LORA\_IRQ-----IO14



## Lora



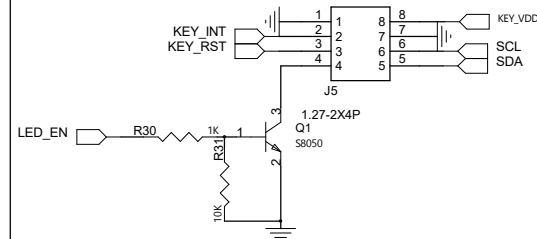
## 耳机

## 扬声器

I2C Address:0x18  
功放

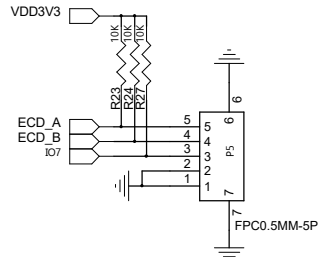
I2S\_MCLK-----IO10  
I2S\_SCLK-----IO11  
I2S\_ASOUT-----IO17  
I2S\_LRCK-----IO18  
I2S\_DSDIN-----IO45

I2C Address:0x34  
KEY\_INT-----IO6



## 外接按键板

ECD\_A-----IO40  
ECD\_B-----IO41



## 外接编码器

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