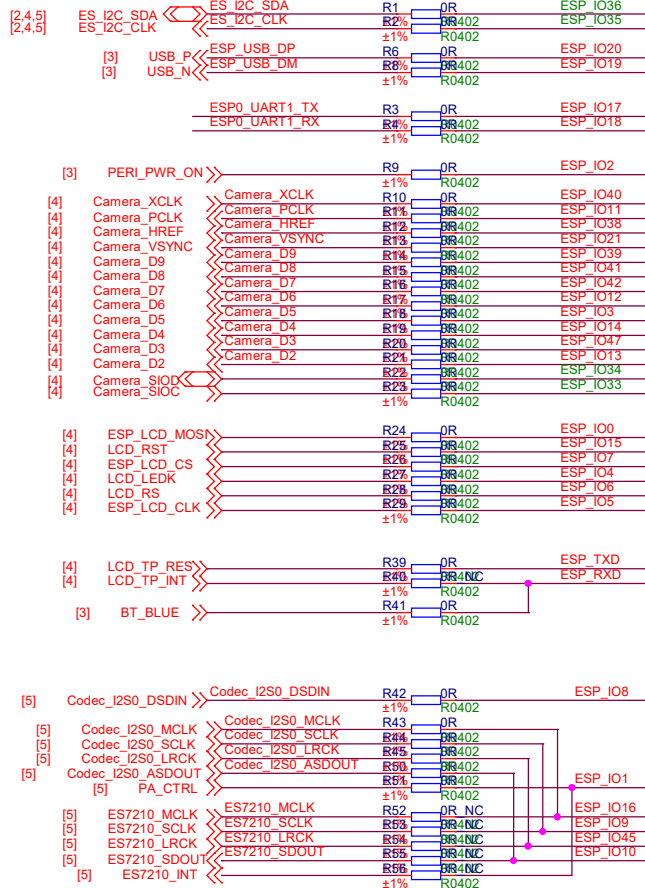


System Block:

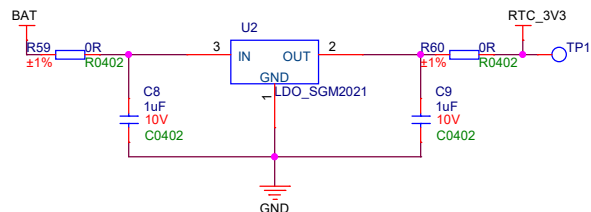
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# ESP Module Pin Configuration:

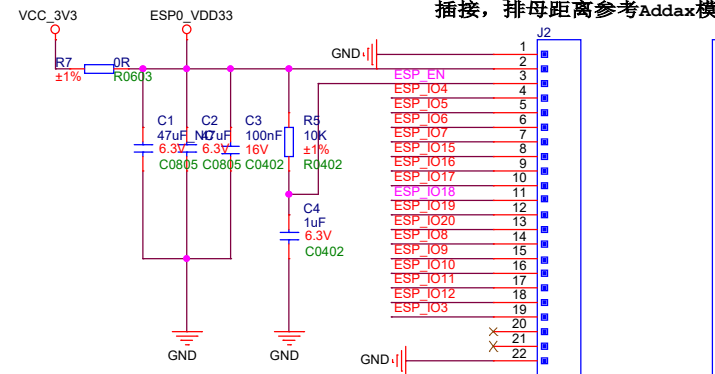


## 预留双麦

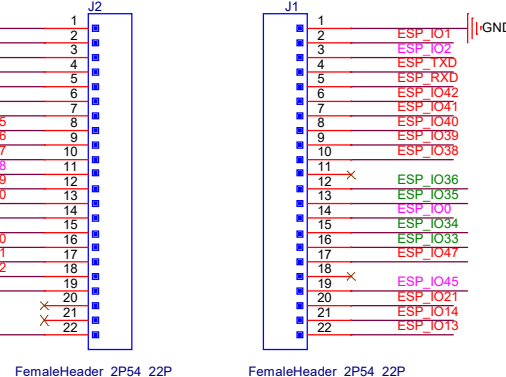
## RTC



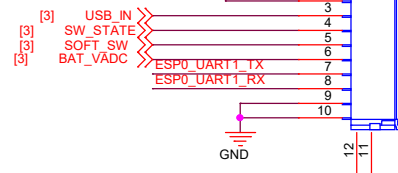
## ESP32-S3-Addax



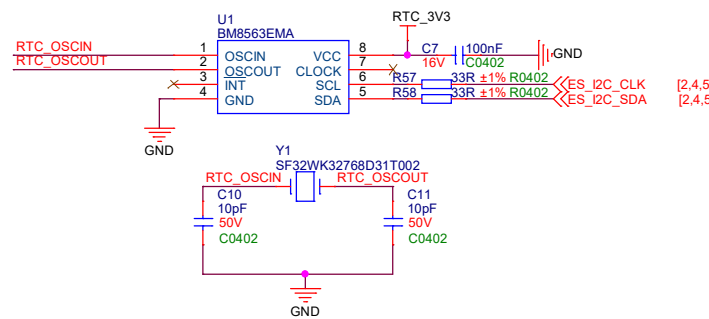
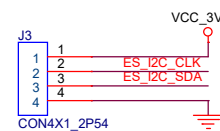
## 两个22pin排母, 与ESP32-S3-Addax模块插接, 排母距离参考Addax模块



## 主副板通信接口

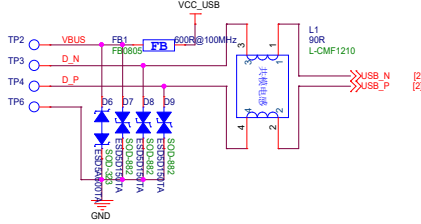
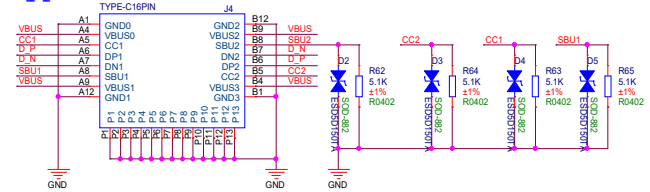


## 预留I2C接口

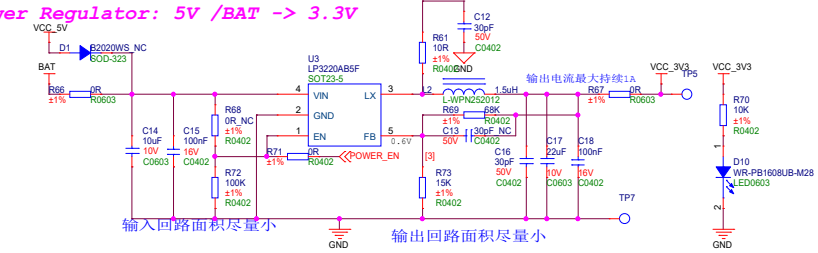


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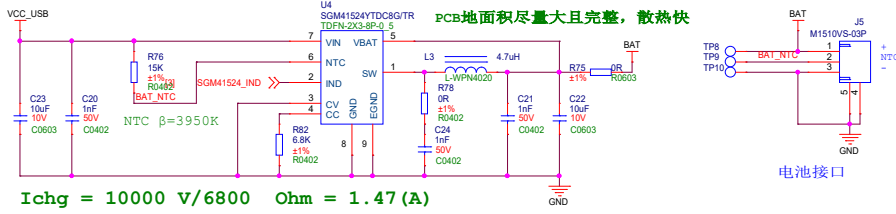
## Type-C



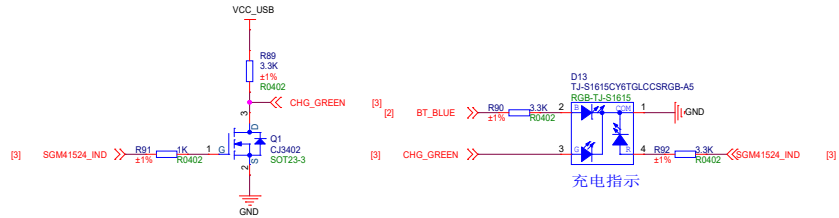
Power Regulator: 5V /BAT -> 3.3V



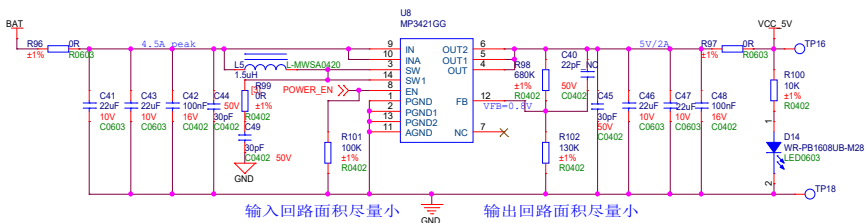
## CHARGE


$$I_{chg} = 10000 \text{ V} / 6800 \text{ Ohm} = 1.47 \text{ (A)}$$

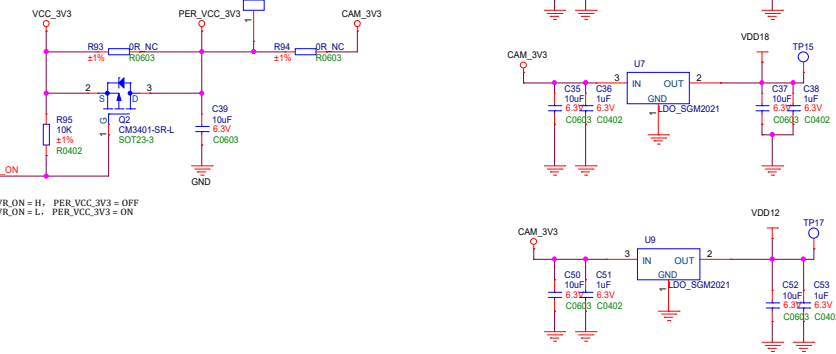
**充电电路建议靠近电池，输出端至电池正极需单独走线（OR电阻靠近电池电极）**



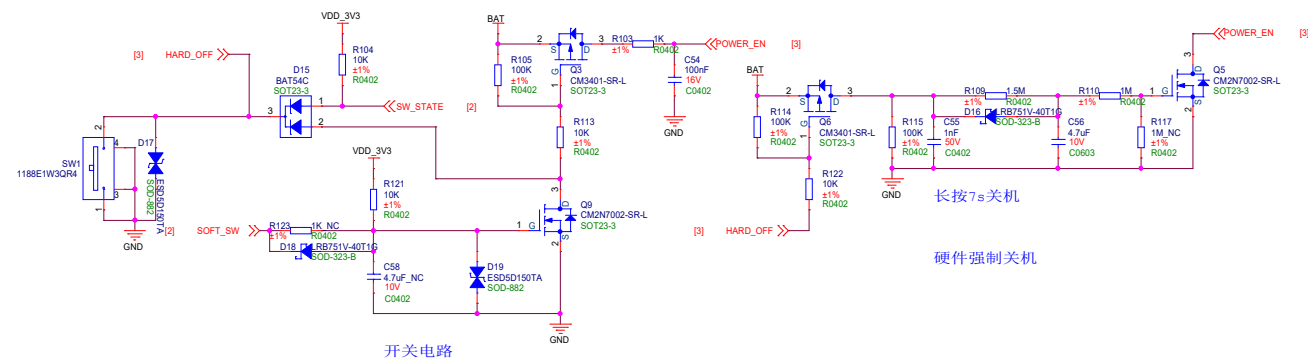
Reserved 5V Power



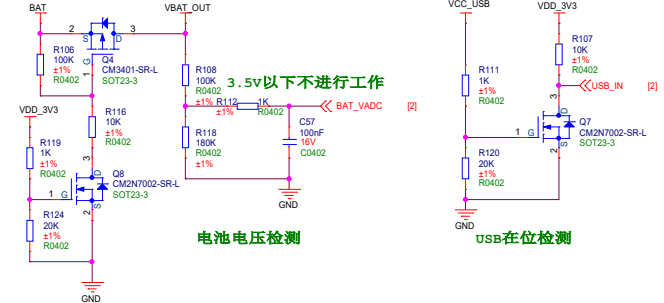
**Peripherals Power: CAM 、 LCD**



## Switch Circuit

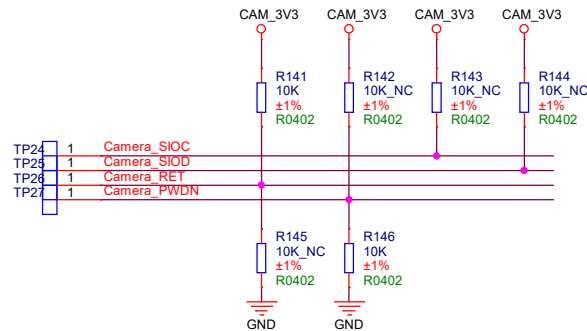
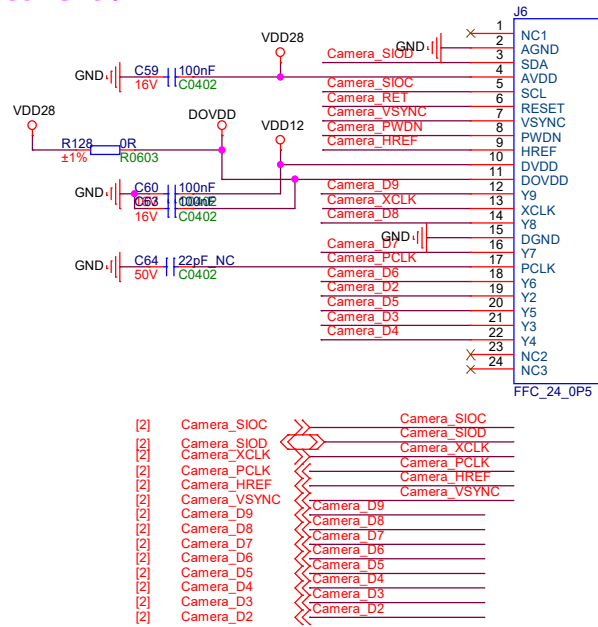


## BAT Voltage&amp;USB Detect

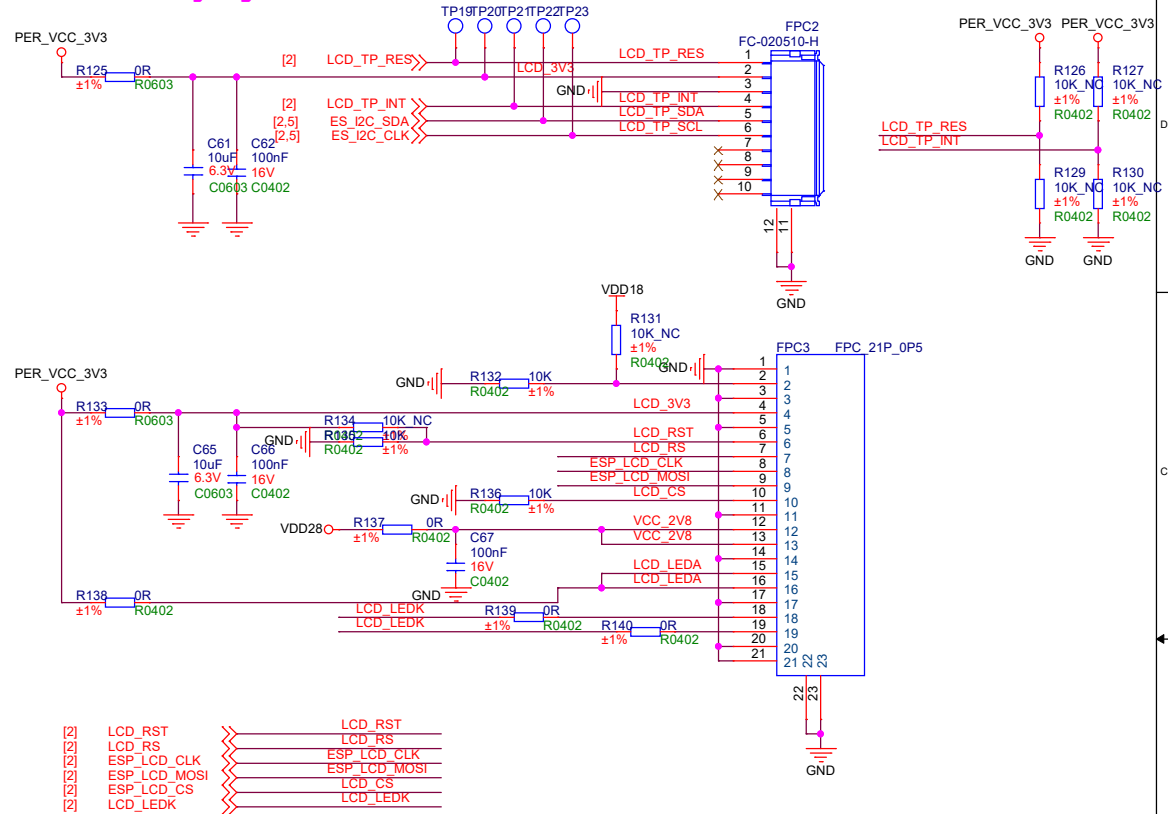


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## Camera:



## FPC for LCD Display:



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