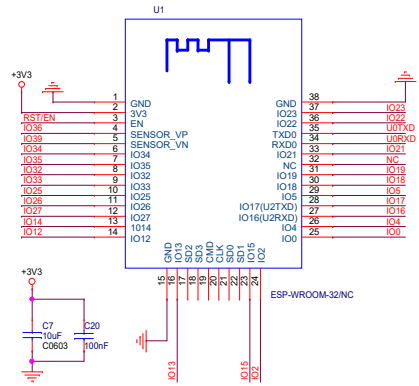
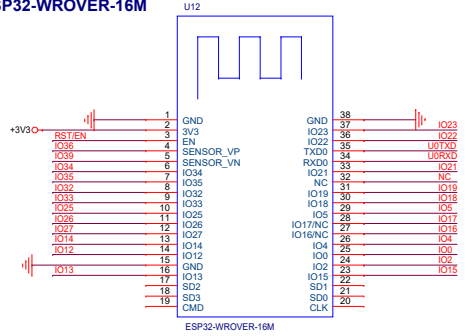


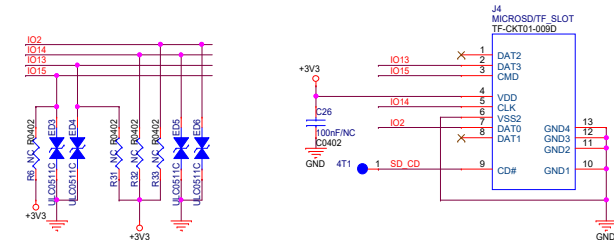
## ESP-WROOM-32



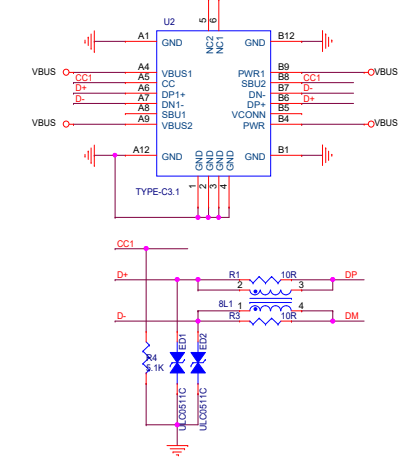
## ESP32-WROVER-16M



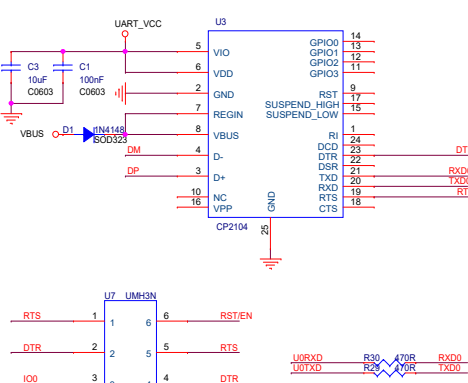
## SD CARD



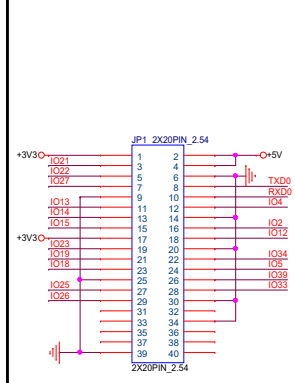
## USB



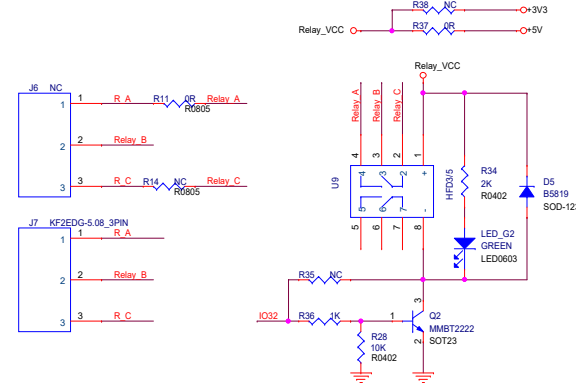
## UART



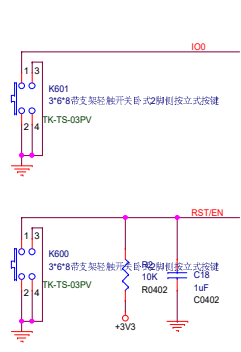
## Connector



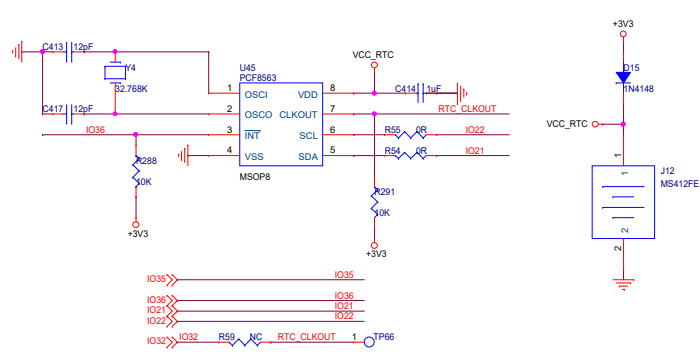
## Relay



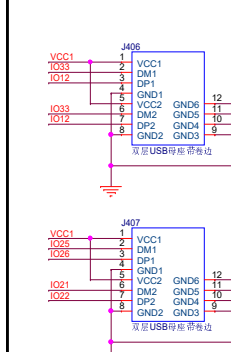
## BUTTON



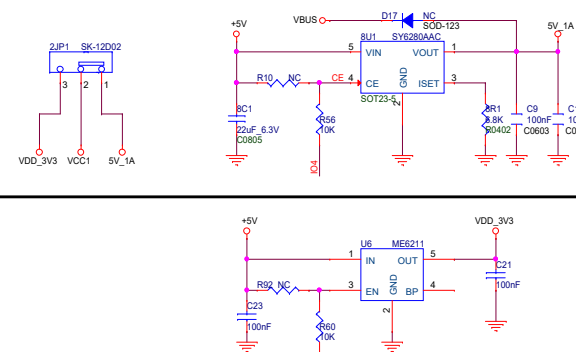
## RTC



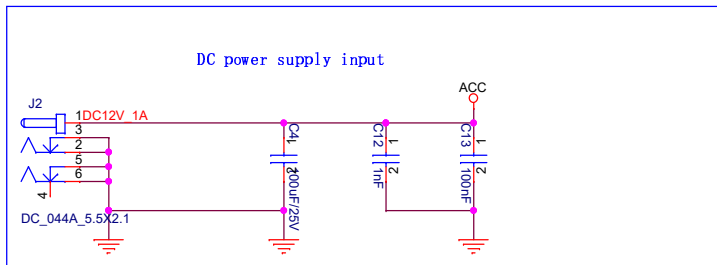
## USB



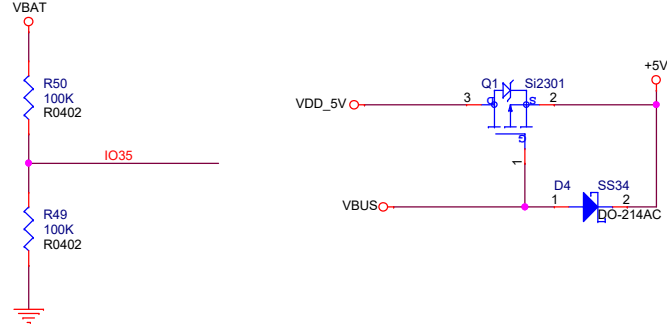
## POWER



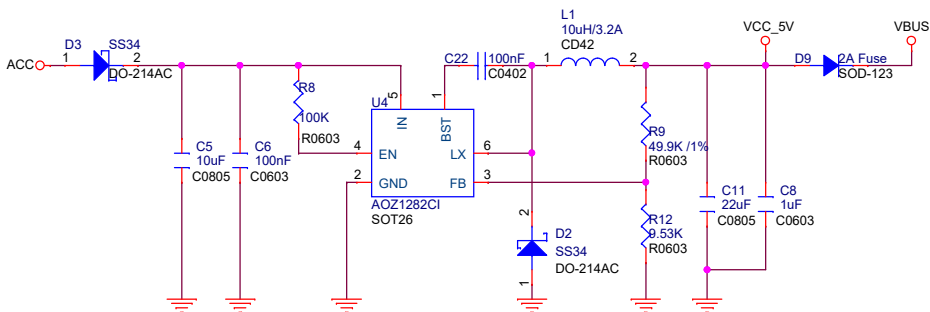
## DC power supply input



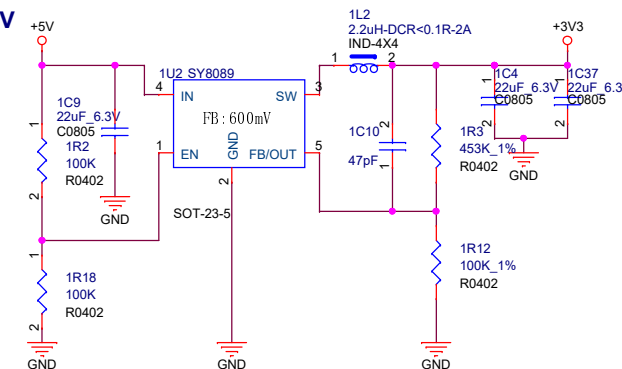
## BAT-TEST



## VIN(输入电压的范围值在4.5-36V)

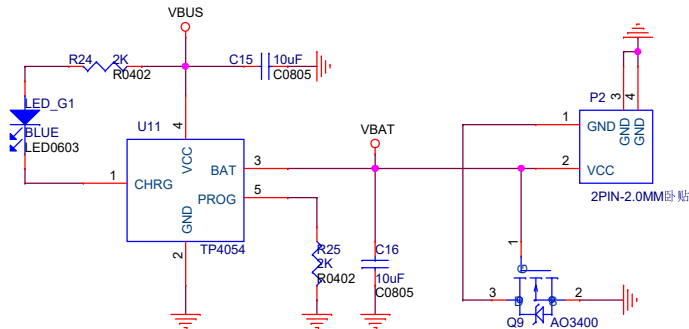


## DC/DC 3.3V

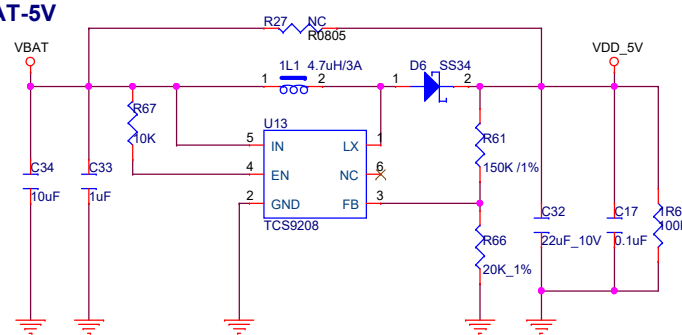


$L_{min} = (5V - 3.3V) \cdot 3.3V / (2A \cdot 0.3 \cdot 1MHz \cdot 5V) = 1.87$   
综合考虑后, 选择2.2uH电感

## CHG



## VBAT-5V



Title		
T51_V1.2		
Size	Document Number	Rev
B	power	V1.2
Date:	Wednesday, November 25, 2020	Sheet 2 of 2