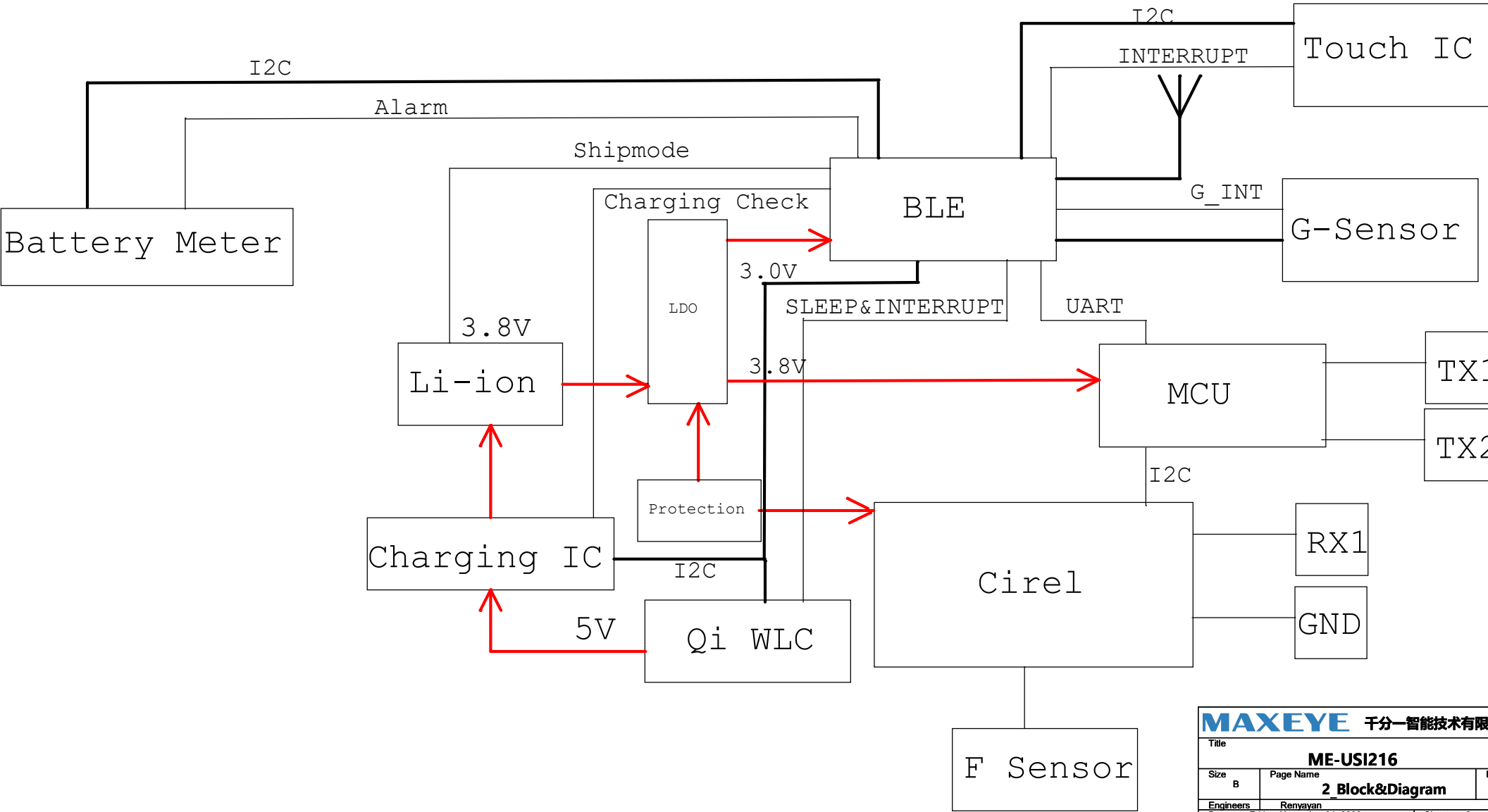
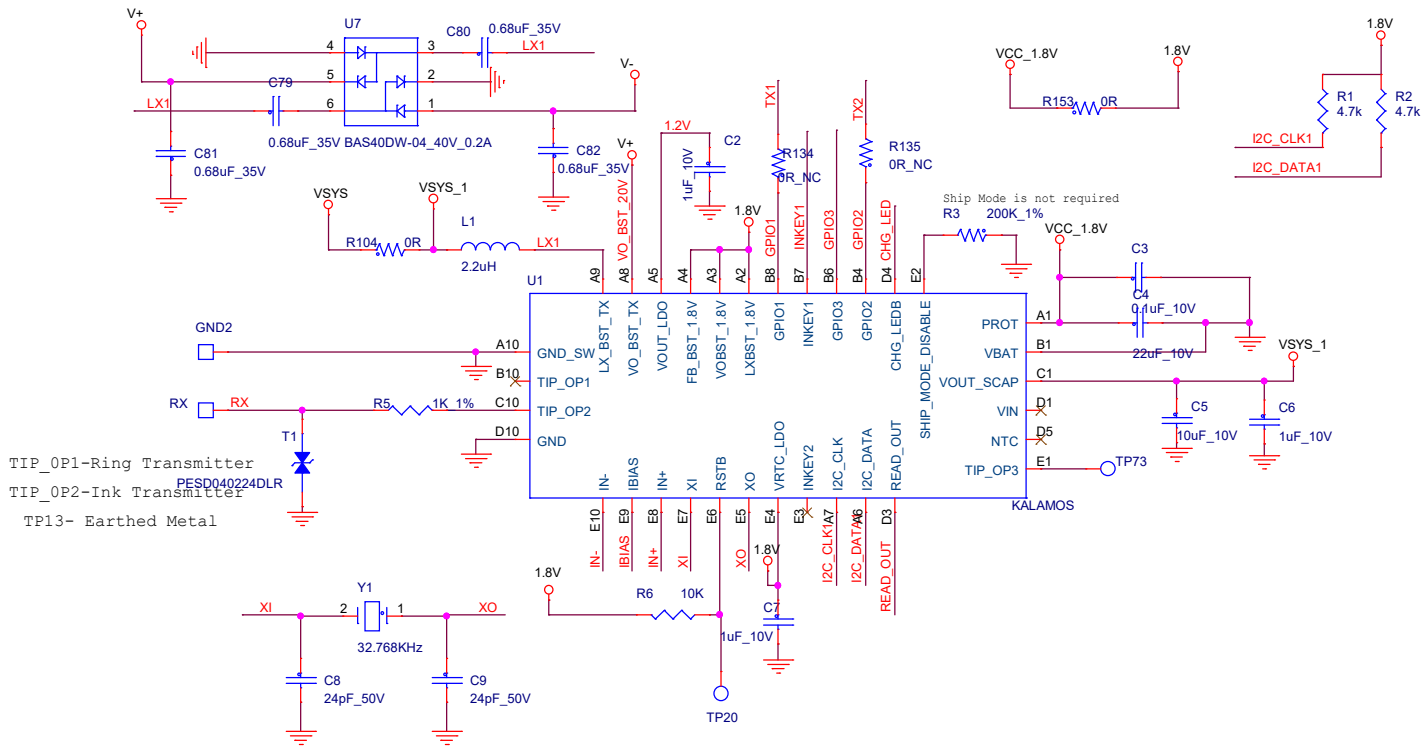


项目名称： ME-USI216 1.0

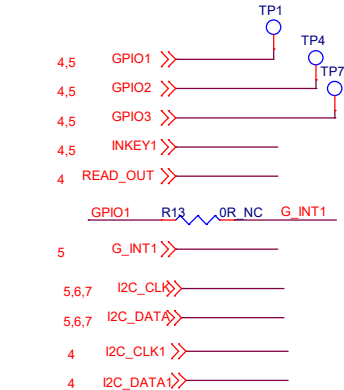
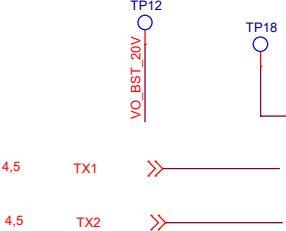
Rev.	Status	Description	Revision History	Remaining Issues	Date
1.0	DEV1	1.0.0	完成原理图初稿		2022-04-24
1.1	DEV1	1.1.0	修改打码升压电路，输出电压峰峰值40V；增加MCU用作打码及补帧		2022-06-13



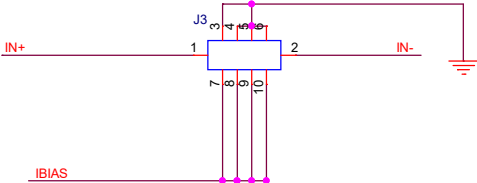
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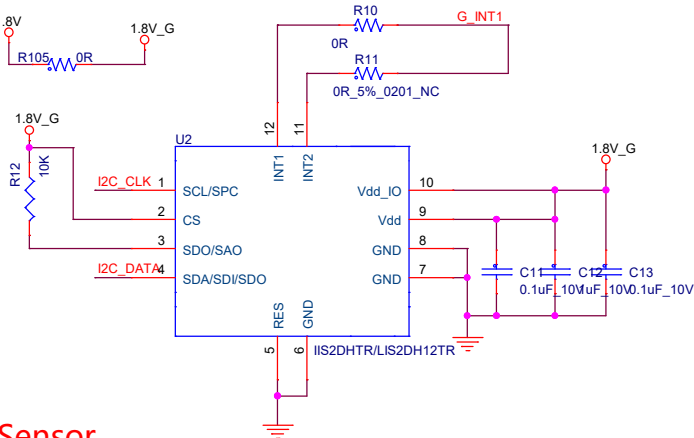
Test Point



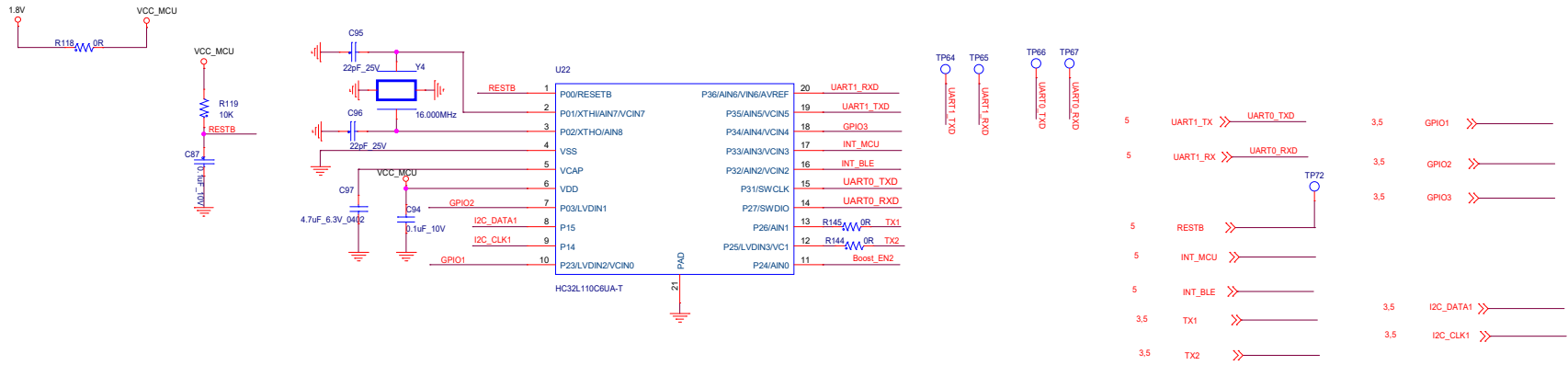
F Sensor



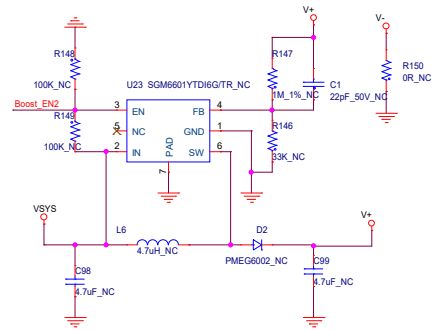
G Sensor



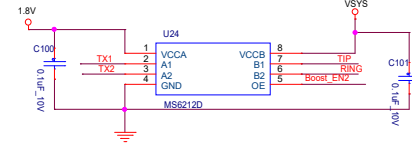
# MCU



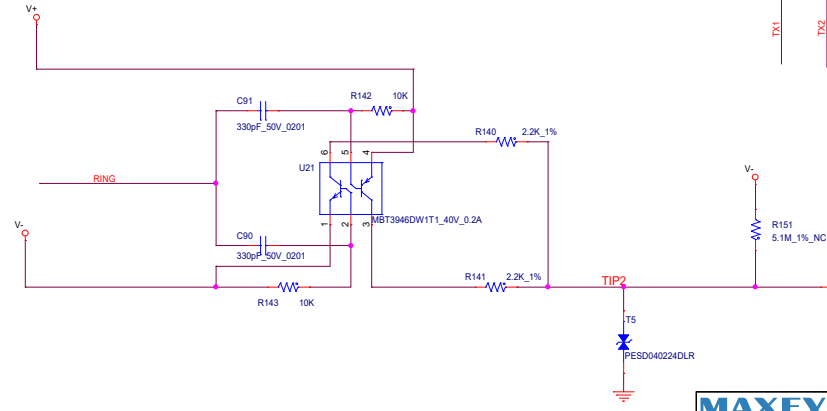
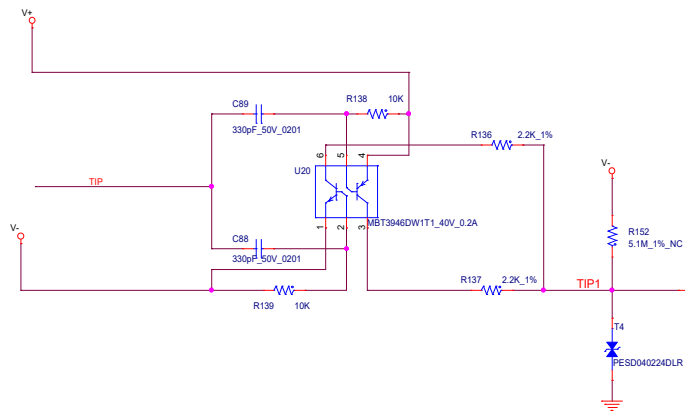
## 预留升压方案

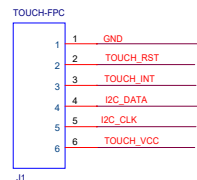
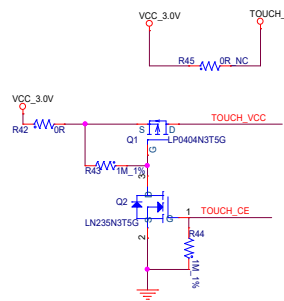


## 电平转换



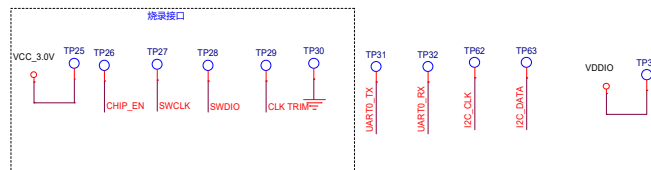
# TIP



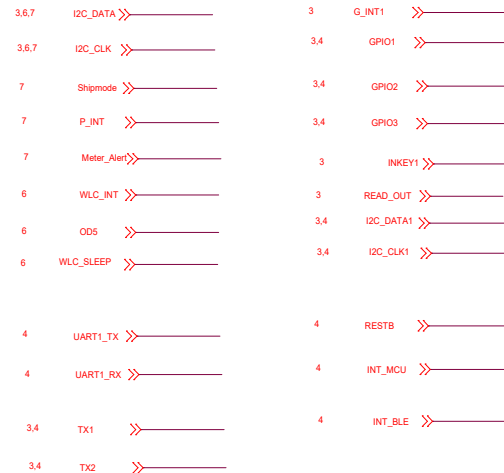
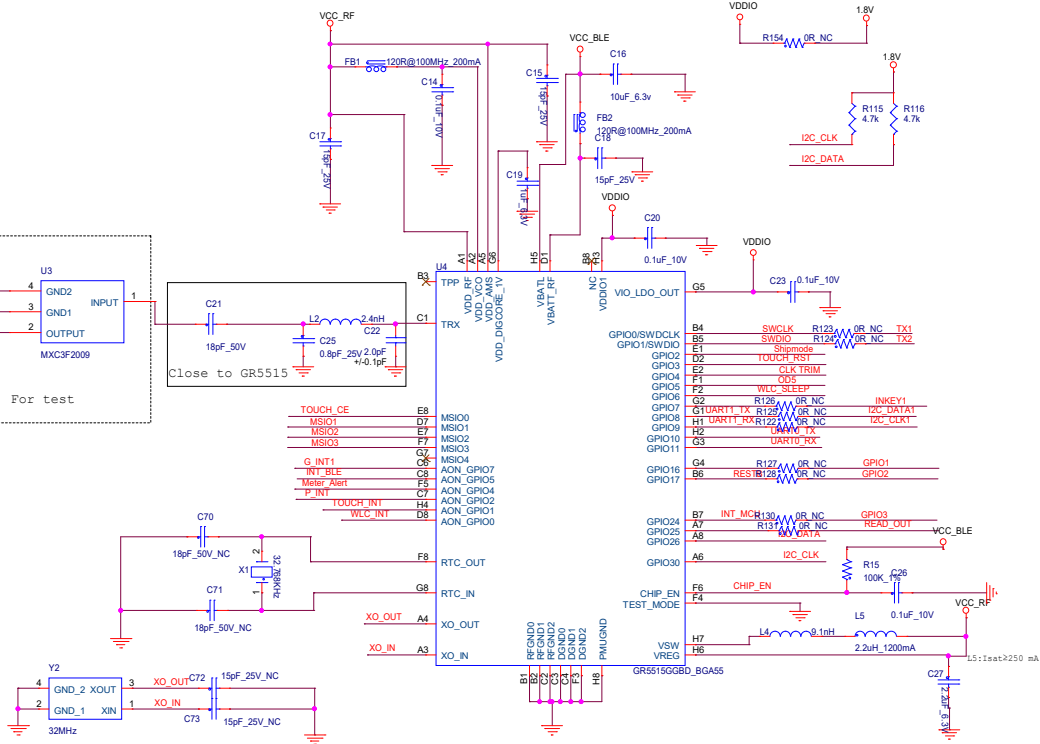
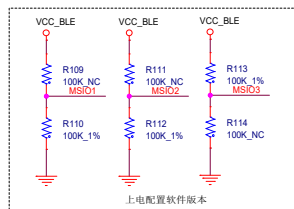
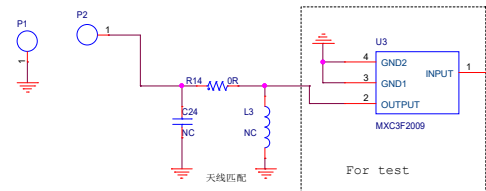
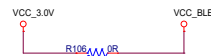


Touch FPC

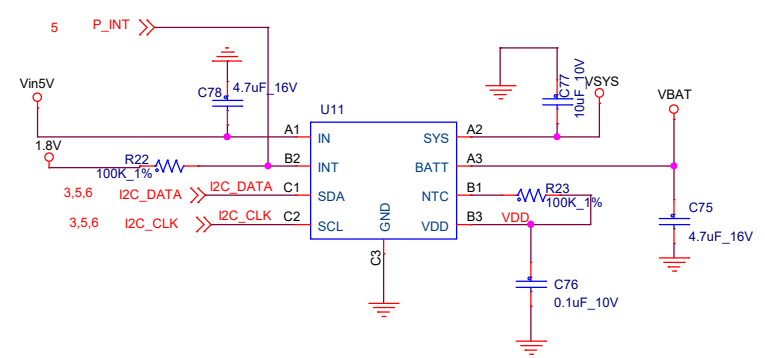
## DEBUG



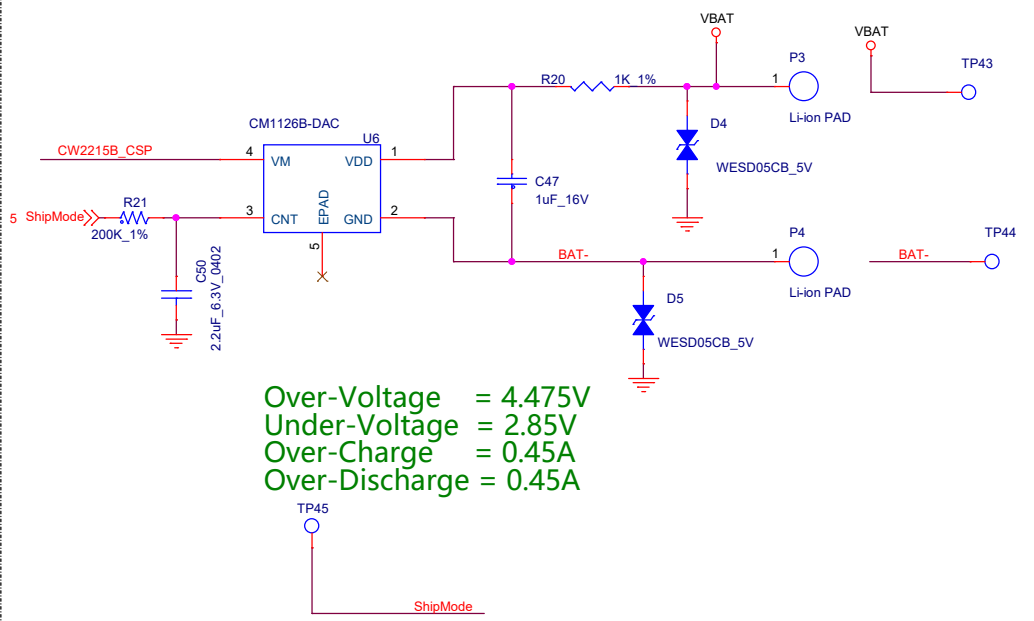
## BLE



Charging

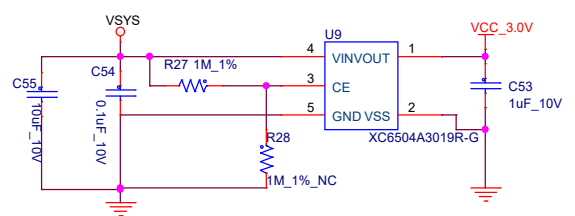


Battery protection

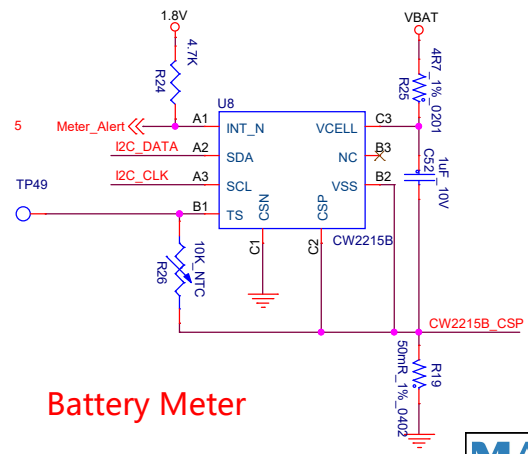


Over-Voltage = 4.475V  
Under-Voltage = 2.85V  
Over-Charge = 0.45A  
Over-Discharge = 0.45A

LDO



Battery Meter

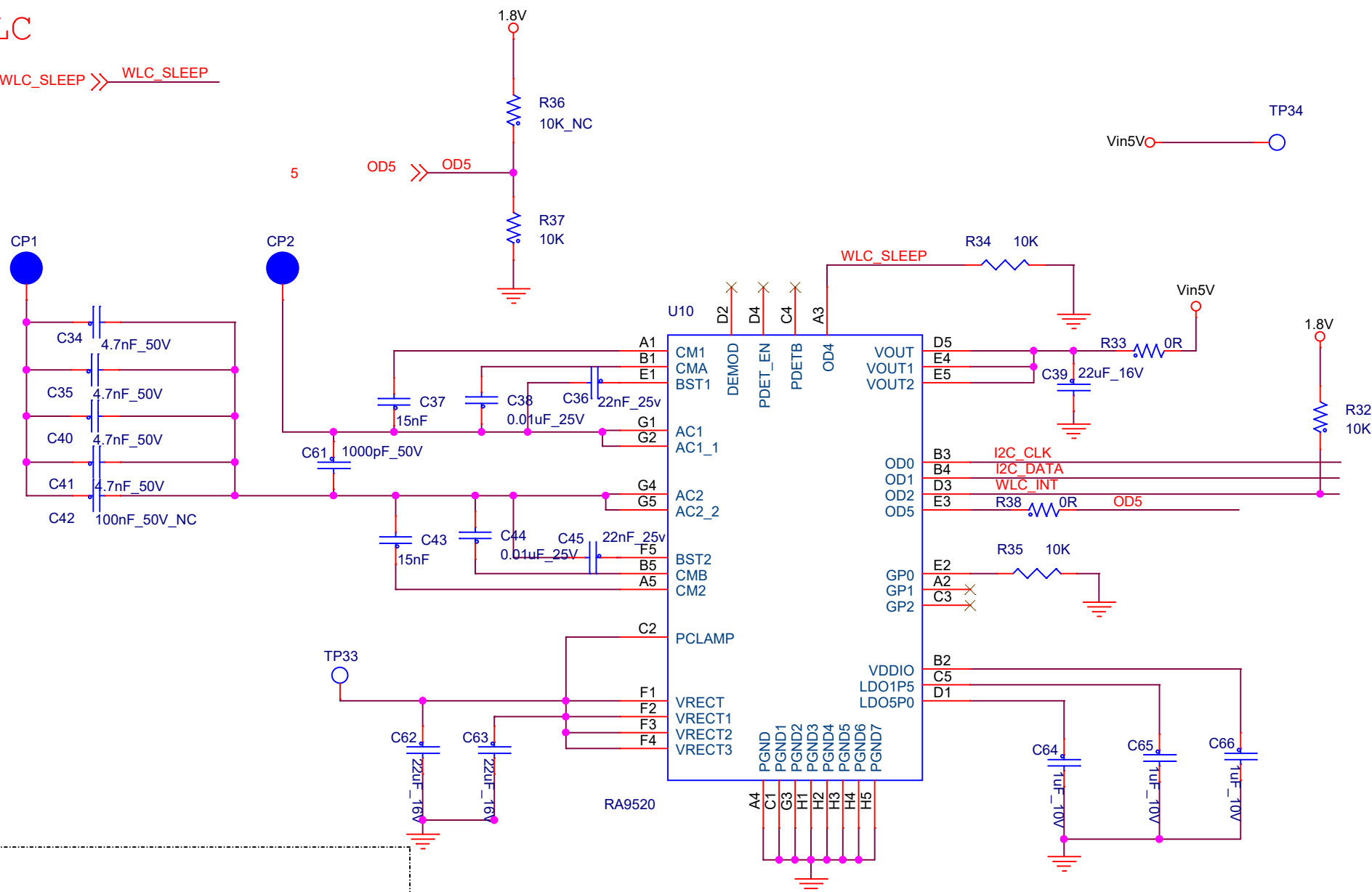


layout:必须参考规格书

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ME-USI216			
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WLC

5 WLC\_SLEEP >> WLC\_SLEEP



3,5,7 I2C\_CLK >>>  
3,5,7 I2C\_DATA >>>  
5 WLC\_INT >>>

Option for software download

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## Renvayan

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