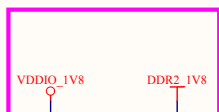
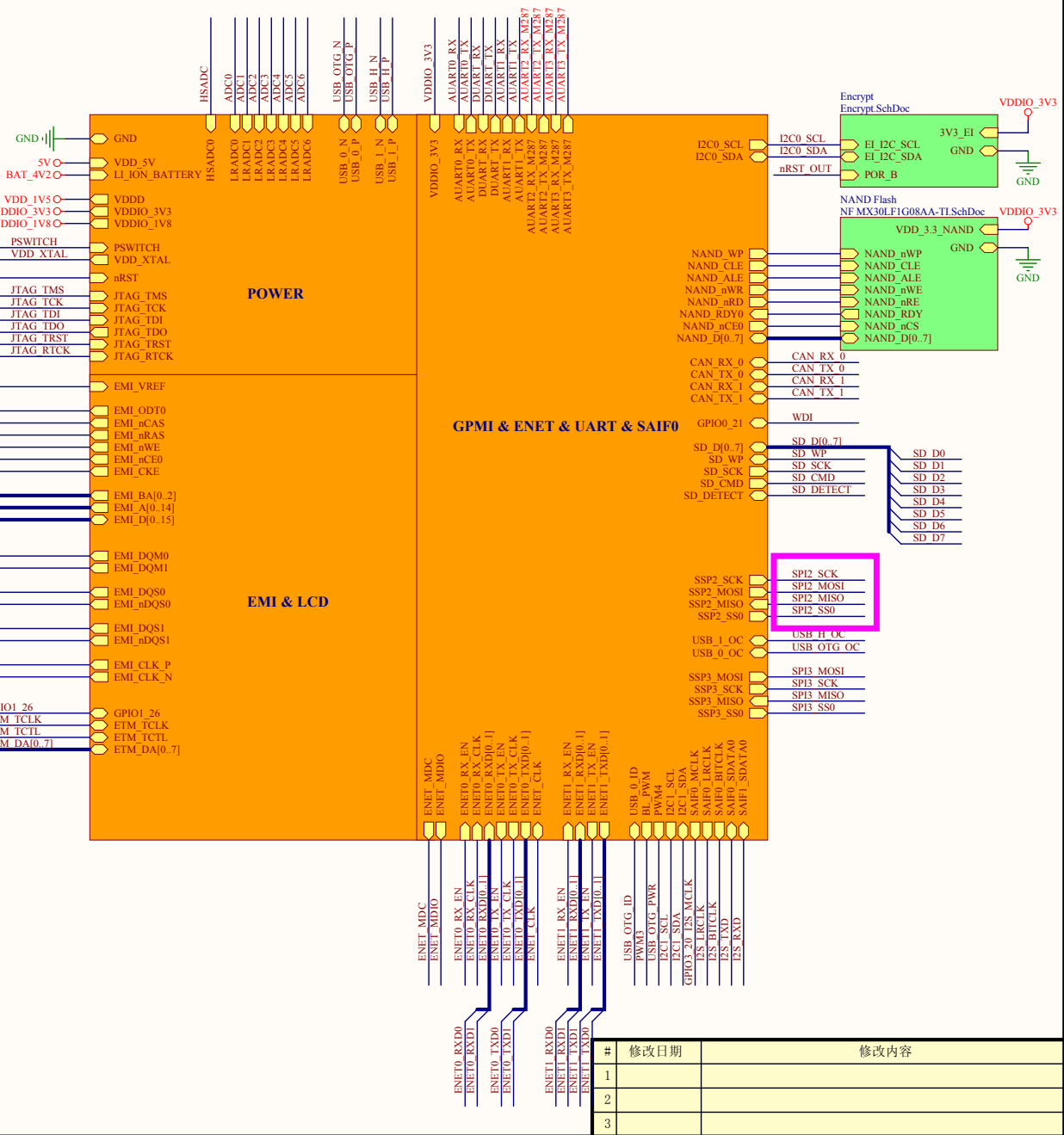
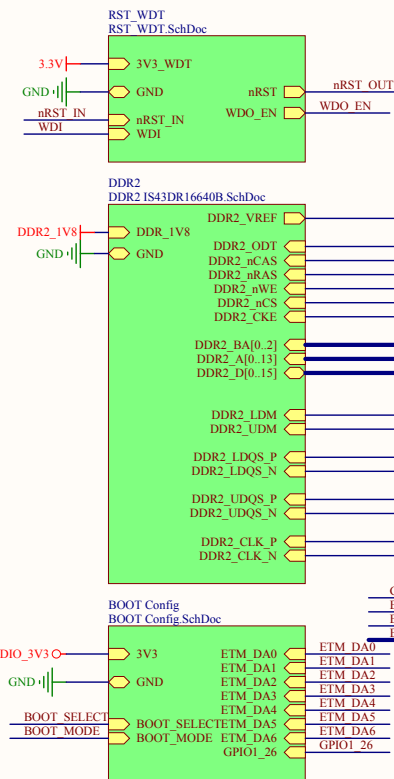


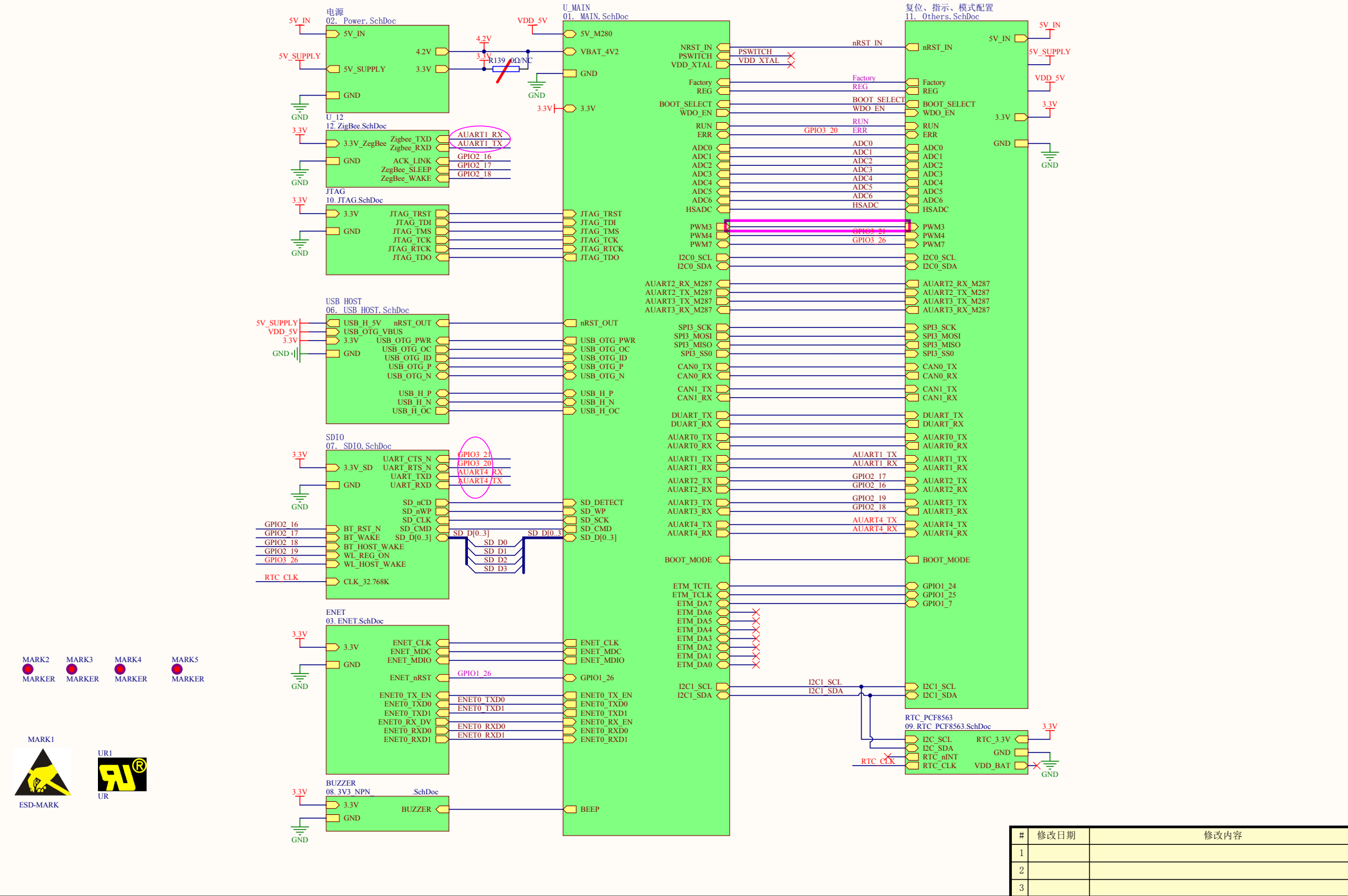
### (1) M280工控核心板



DDR2电源选择  
默认使用CPU产生的1.8V

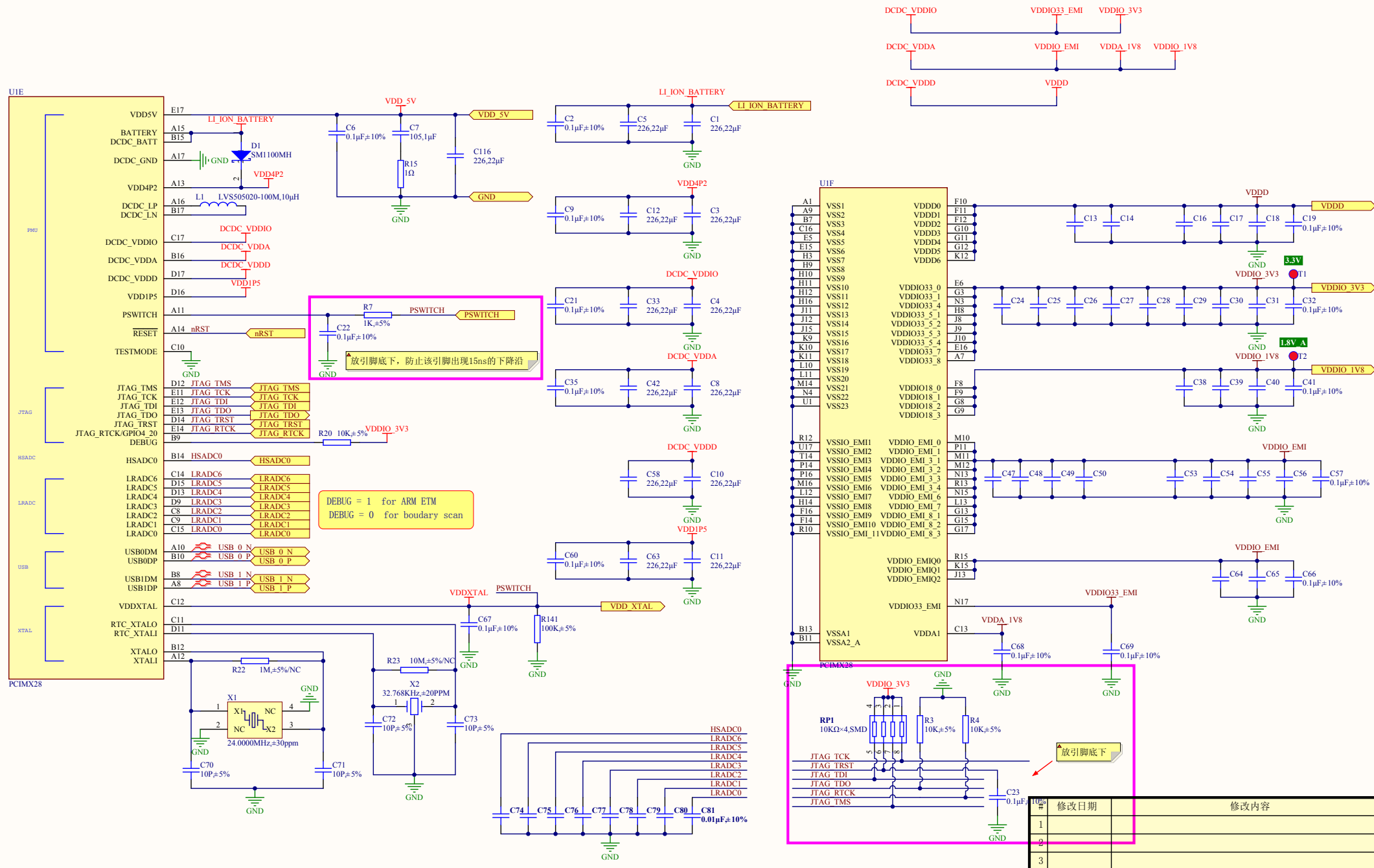


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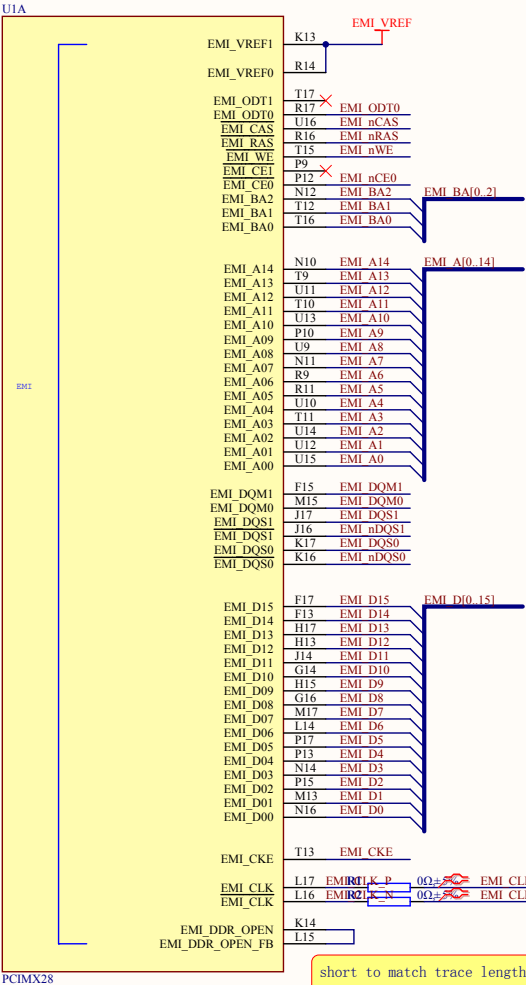
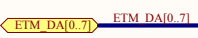
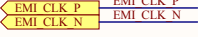
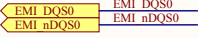
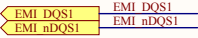
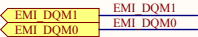
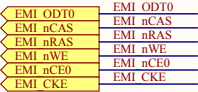
#	修改日期	修改内容
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(2)CPU Power & USB & JTAG & ADC

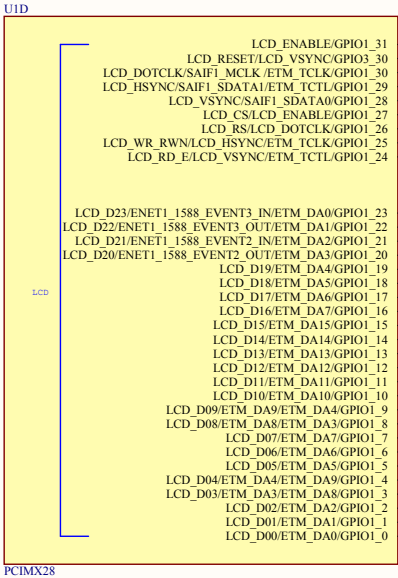


(3)CPU EMI和LCD接口

EMI\_VREF



short to match trace length to CLK + DATA signals



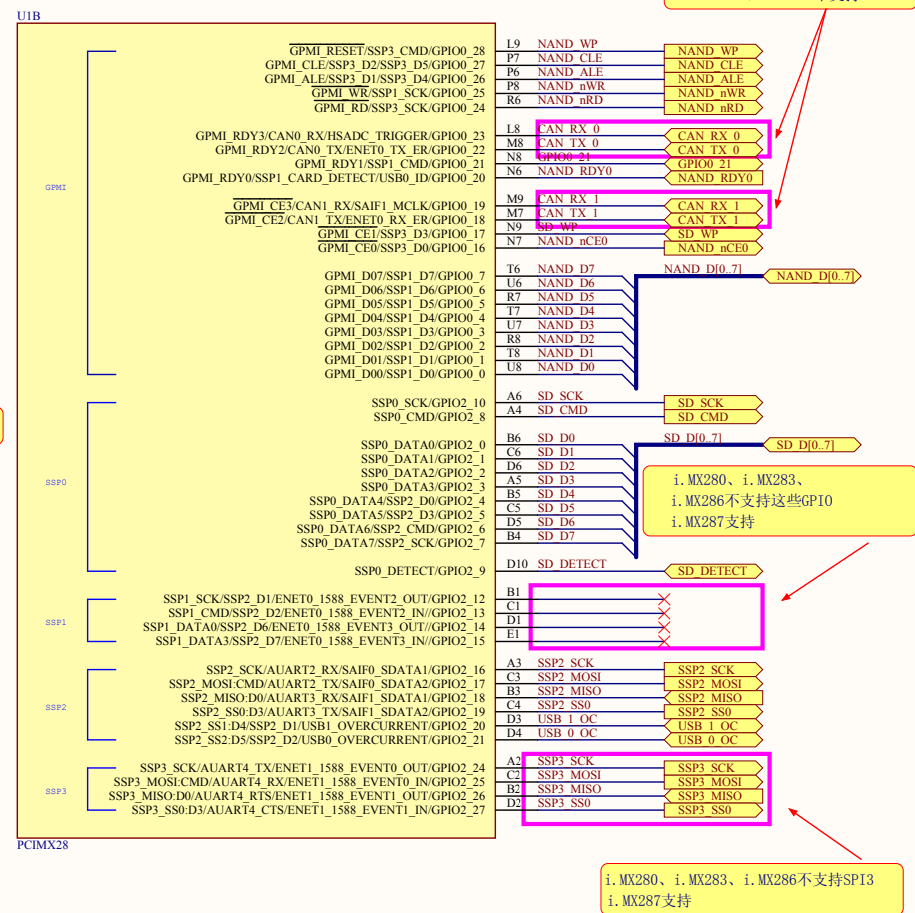
i. MX283、i. MX280没有这4个GPIO10

i. MX280跟i. MX283不同之处（5处）

i. MX280跟i. MX283不同之处（24处）

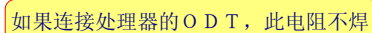
#	修改日期	修改内容
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#### (4) ENET & UART & PWM & SAIF



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1		
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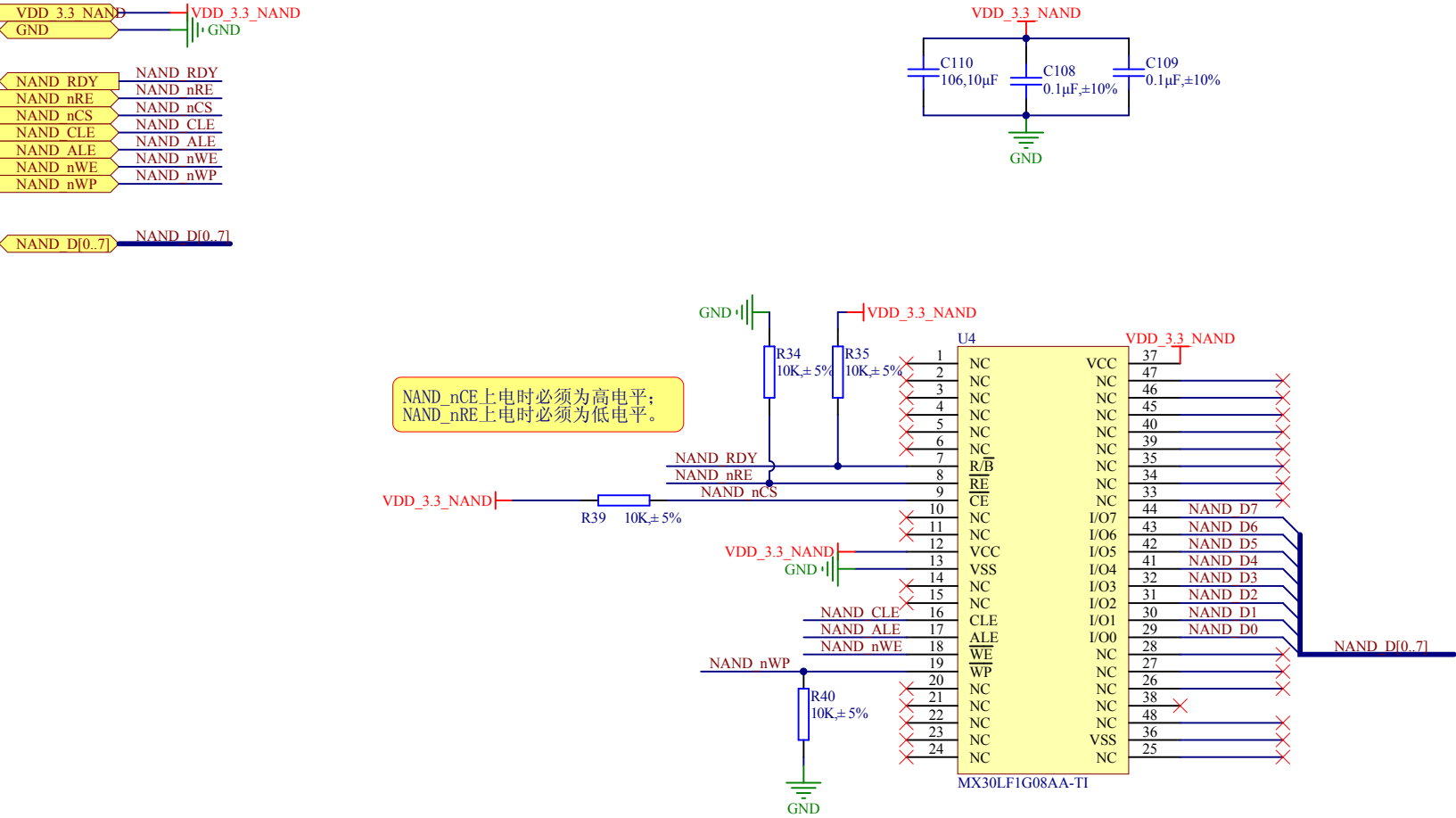
(6) DDR2 IS43DR16640B



#	修改日期	修改内容
1		
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7. NAND Flash

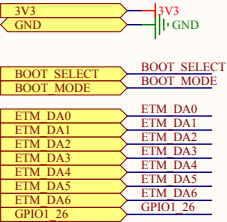
(7)Nand Flash



1. 05. 06. 0243

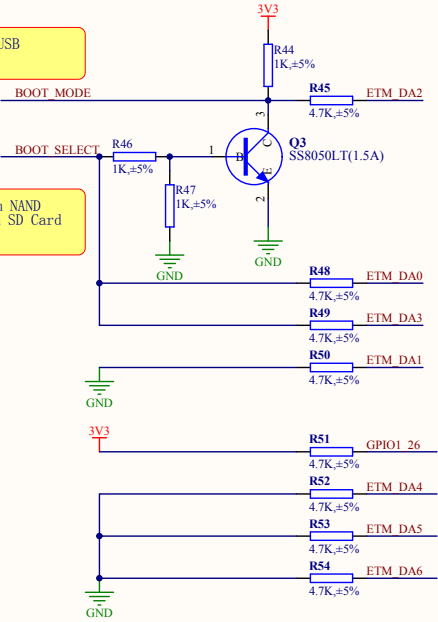
#	修改日期	修改内容
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(8)BOOT Config



BOOT\_MODE = 0 : BOOT From USB  
(BOOT\_SELECT应悬空)

BOOT\_SELECT = 0 : BOOT From NAND  
BOOT\_SELECT = 1 : BOOT From SD Card  
(BOOT\_MODE应悬空)



BOOT Configuration				
	D3	D2	D1	D0
USB0	0	0	0	0
NAND	0	1	0	0
SD0	1	0	0	1

LCD\_RS needs to be pulled HIGH to enable Resistor B  
if LCD\_RS is pulled low, thei.MX28 will attempt to

LCD\_D04 for Voltage Select  
Low = 3.3V  
High = 1.8V

LCD\_D05 = ETM Enable Bit:  
Low = ETM disabled  
High = ETM enabled

LCD\_D06 for test mode

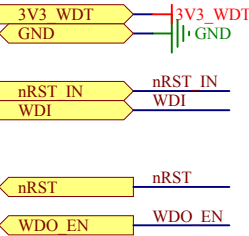


#	修改日期	修改内容
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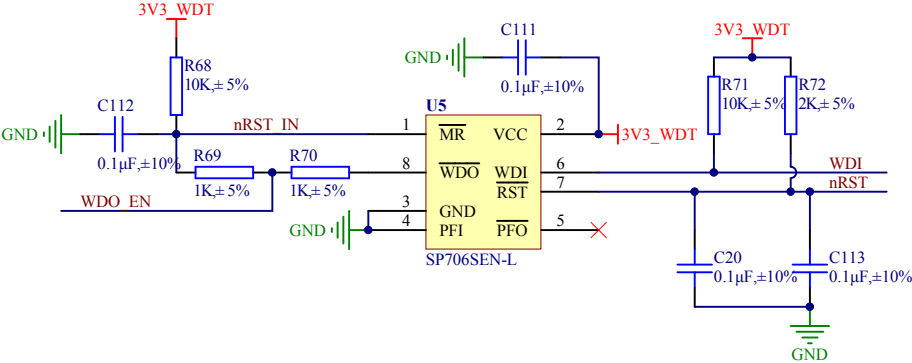


9. RST\_WDT

(9) 看门狗复位



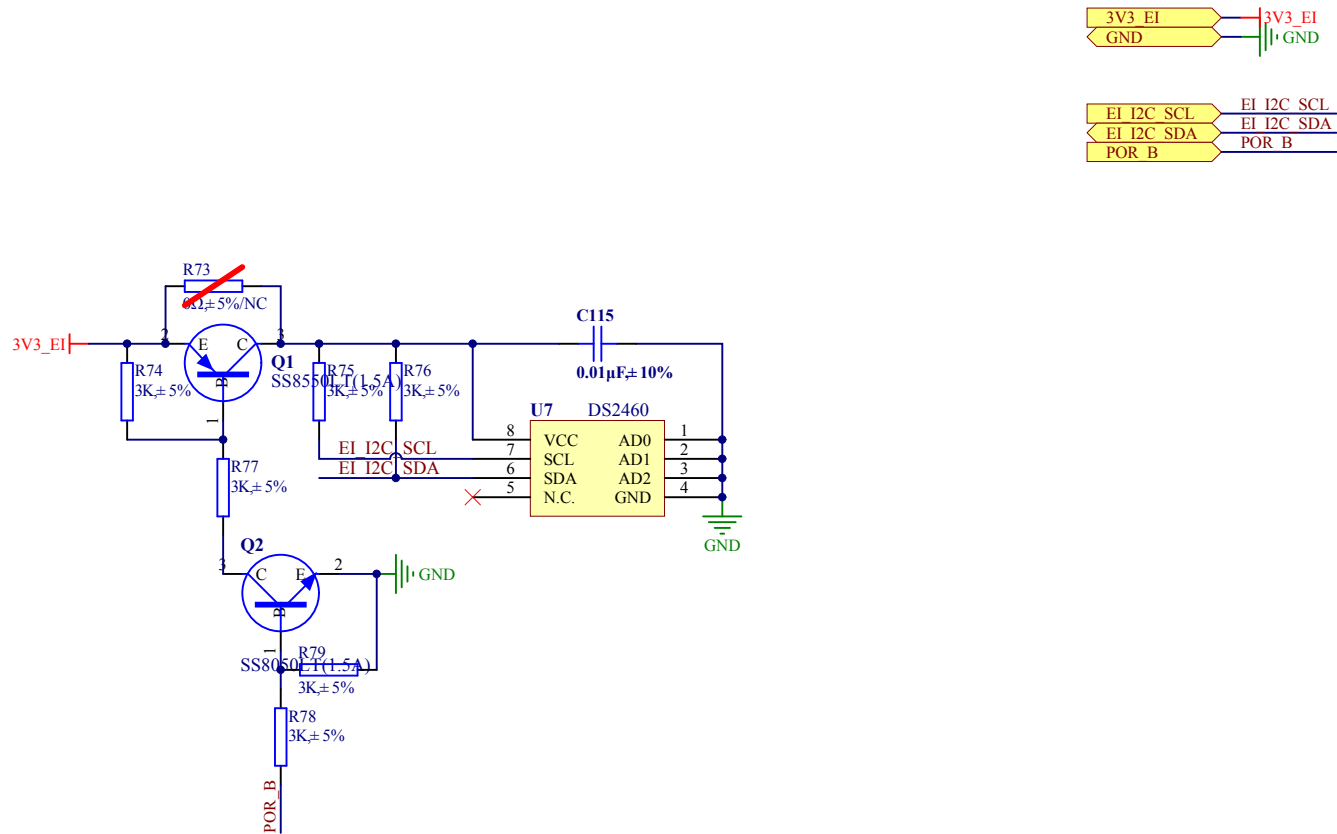
3. 3V -> 看门狗输出禁止  
悬空 -> 看门狗使能



#	修改日期	修改内容
1		
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10. Encrypt

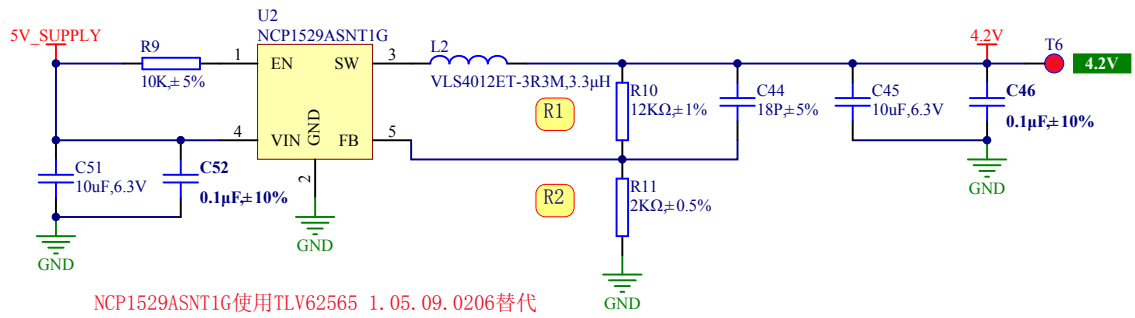
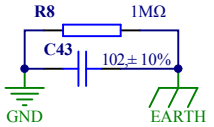
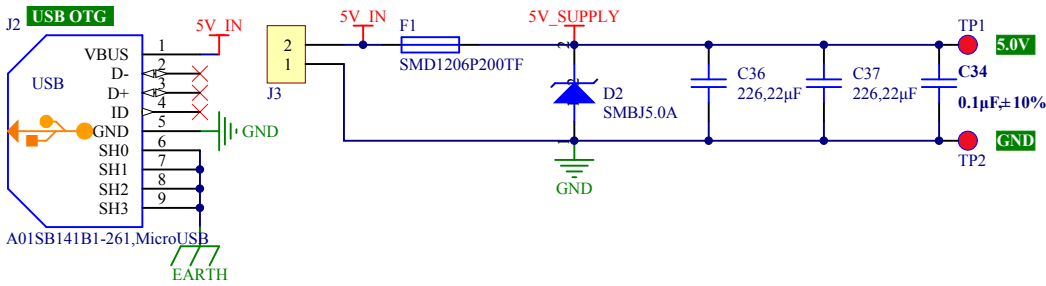
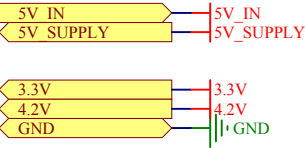
(10) 加密电路



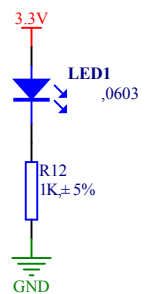
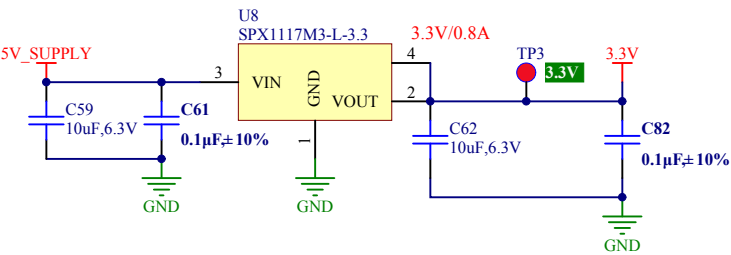
加密电路默认不焊

#	修改日期	修改内容
1		
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11. Power

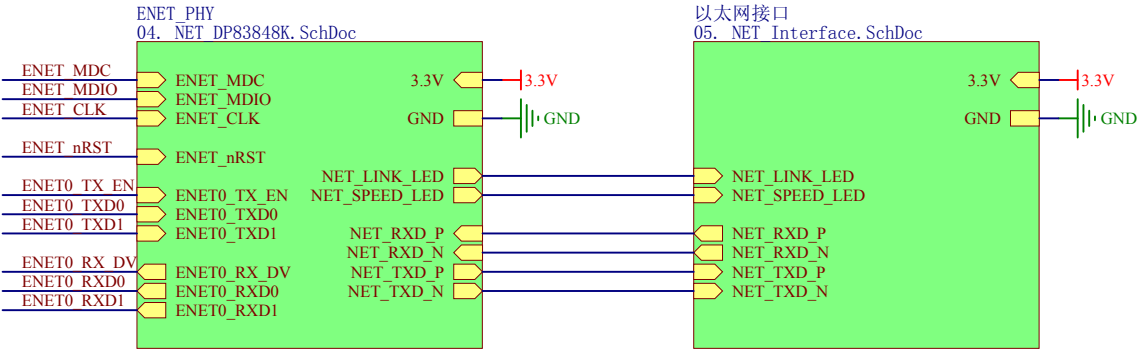
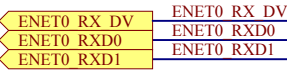
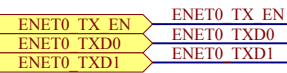
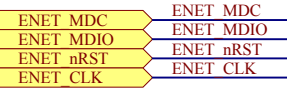
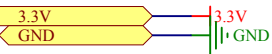


NCP1529ASNT1G使用TLV62565 1.05.09.0206替代



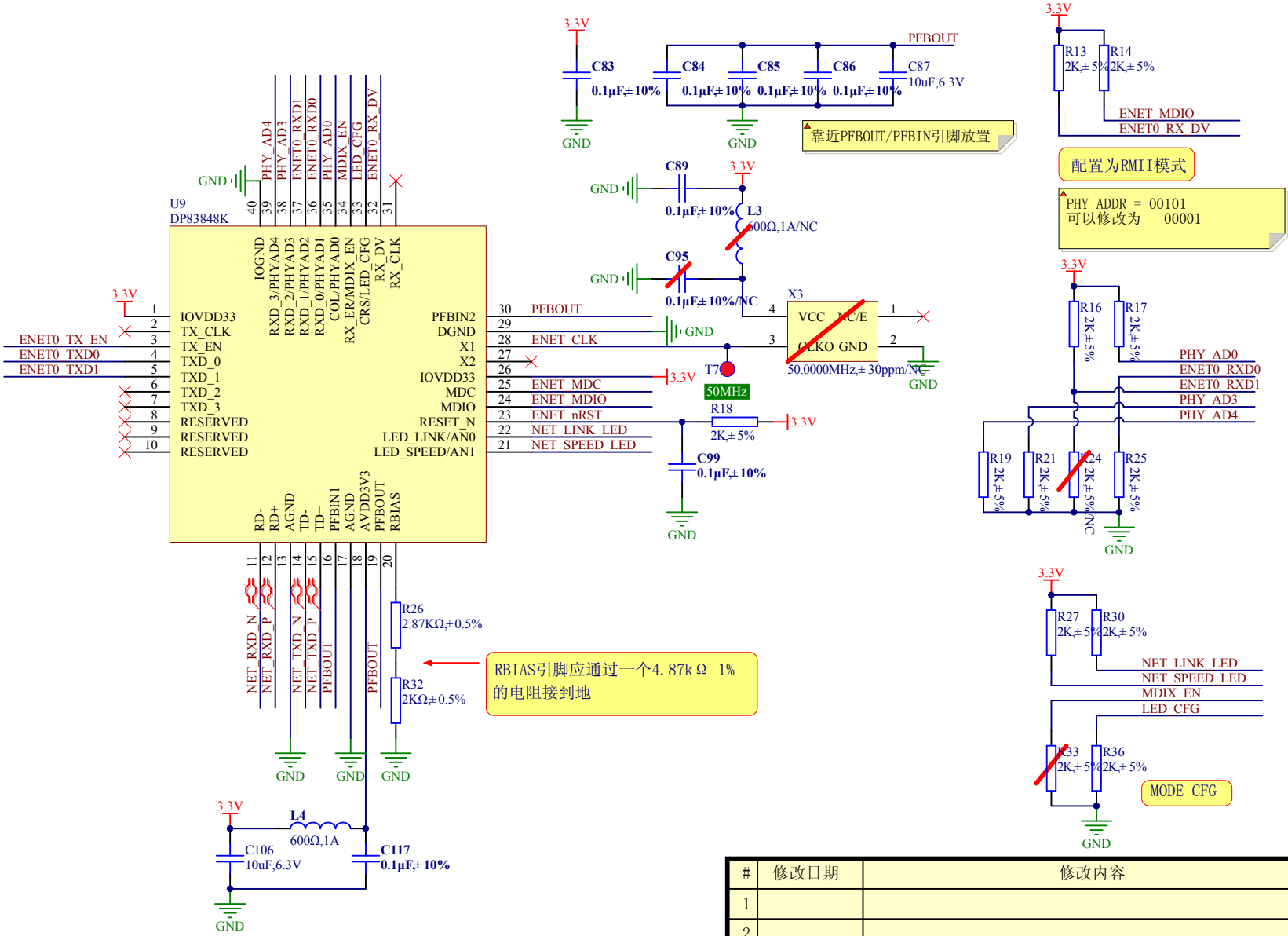
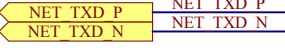
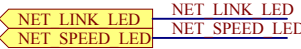
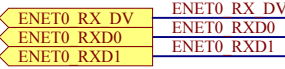
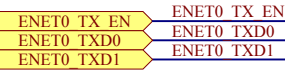
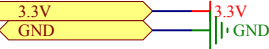
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12. ENET



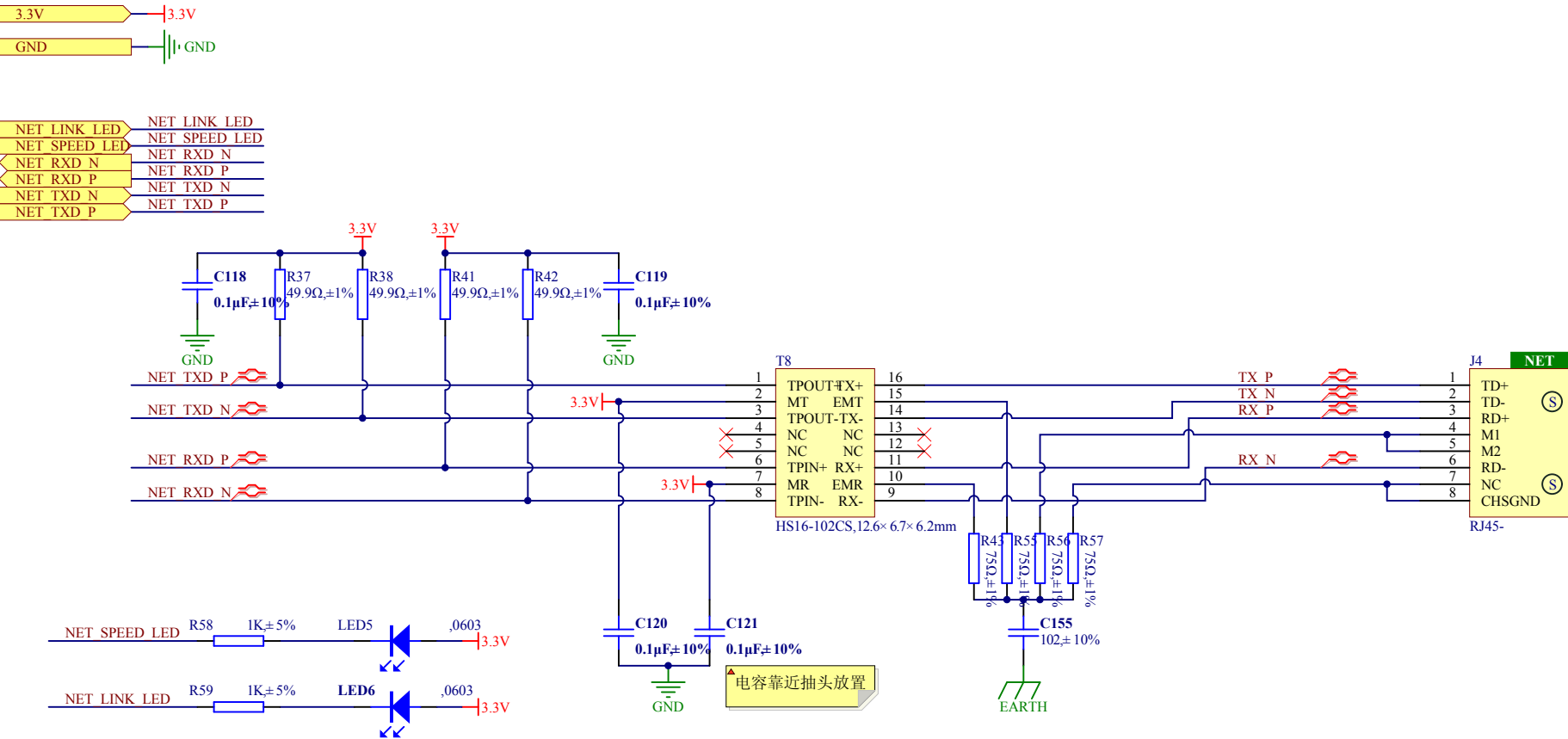
#	修改日期	修改内容
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13. NET\_DP83848K



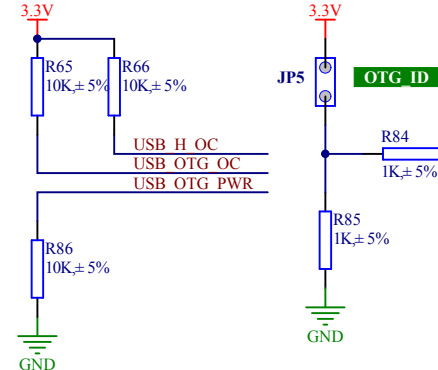
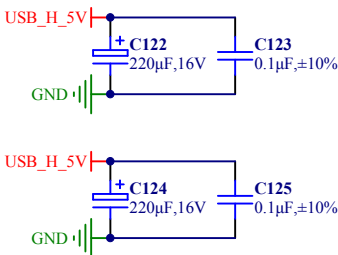
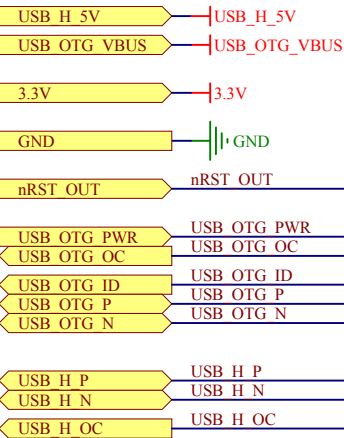
#	修改日期	修改内容
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14. NET\_Interface

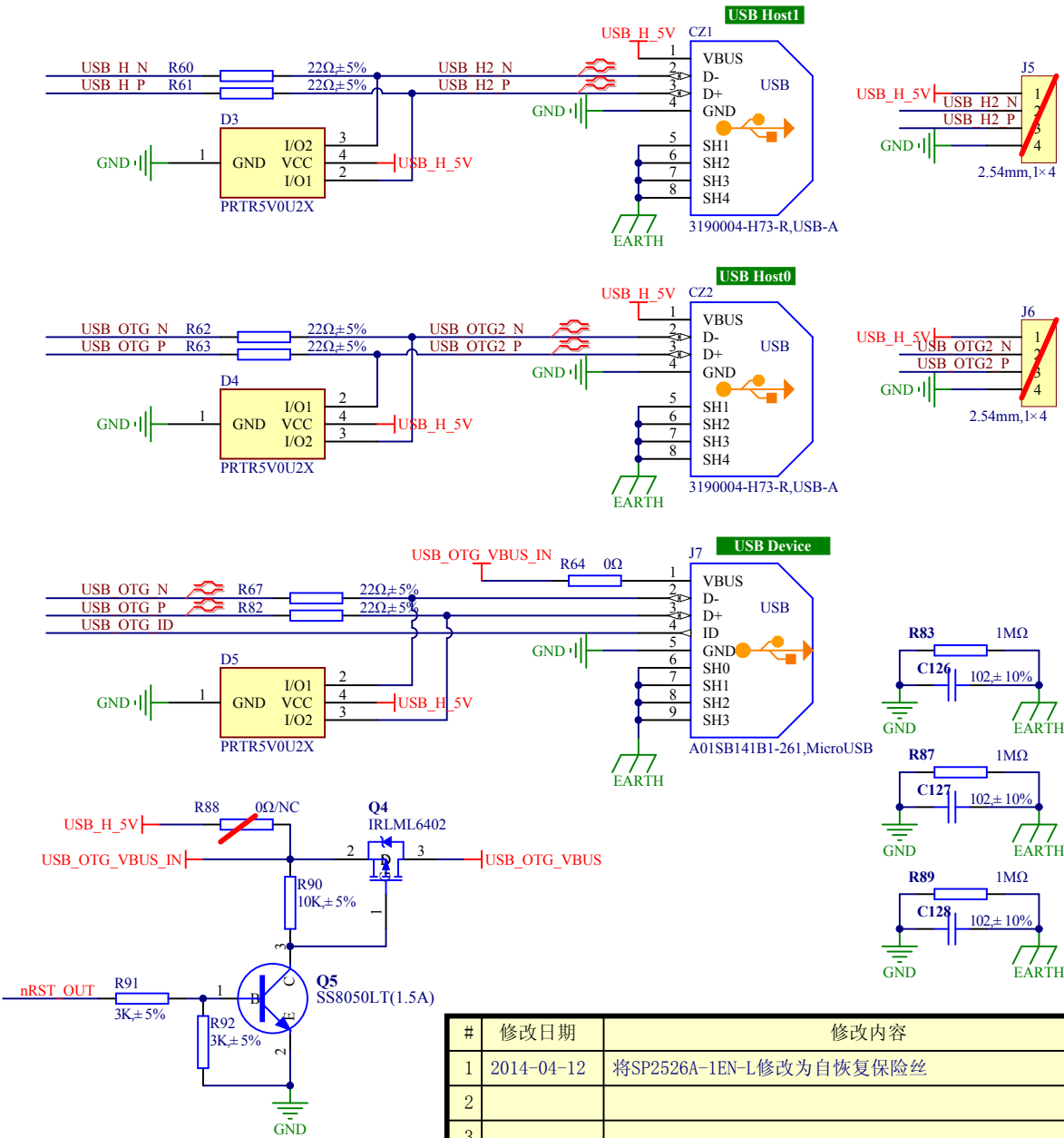


#	修改日期	修改内容
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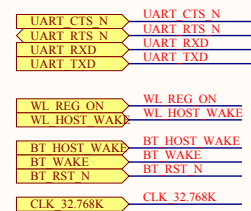
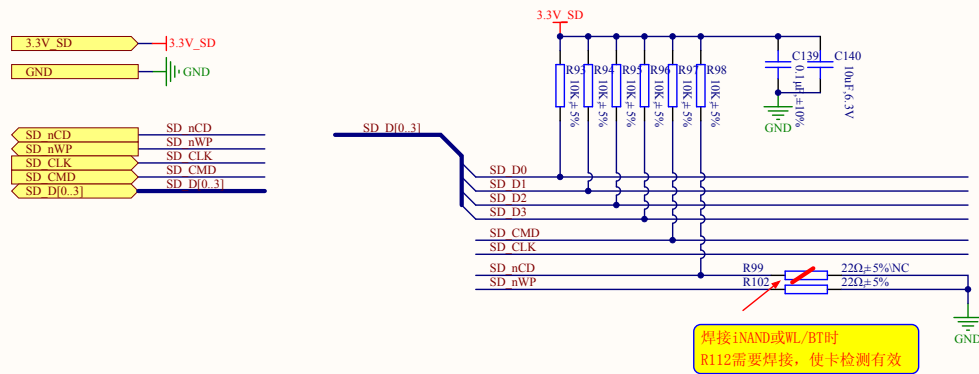
15. USB\_HOST



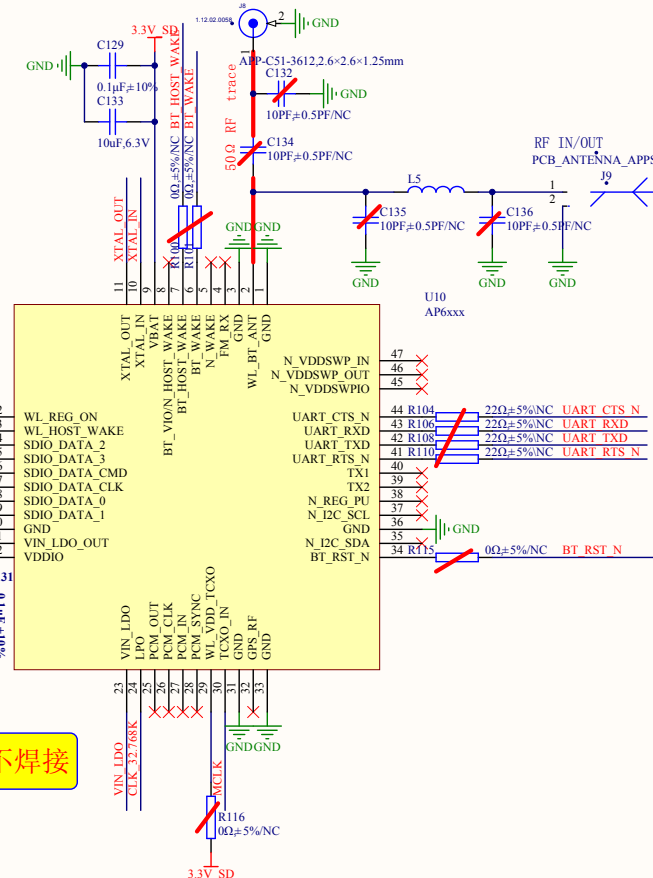
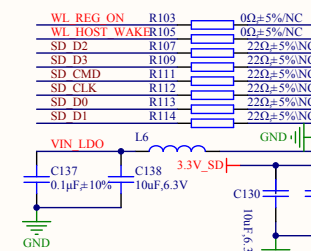
跳线断开: USB HOST (默认)  
跳线短接: USB Device  
USB HOST0和USB Dev不能同时使用



#	修改日期	修改内容
1	2014-04-12	将SP2526A-1EN-L修改为自恢复保险丝
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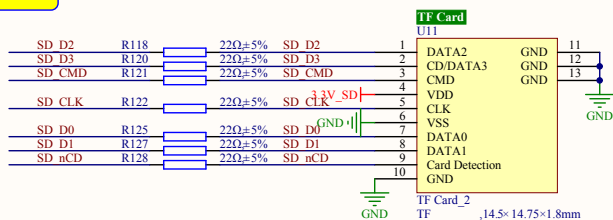


## wifi/Bluetooth



WL/BT模块所有物料都默认不焊接

## SD CARD

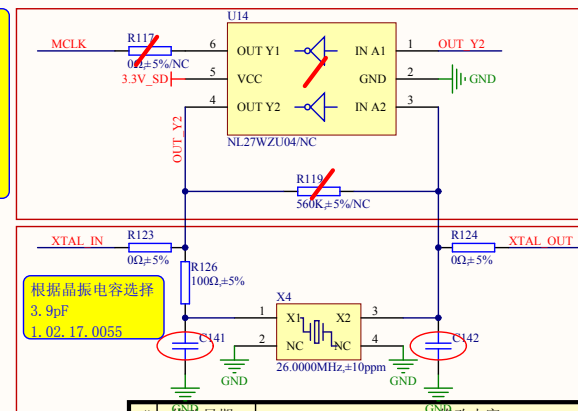


## 默认焊接TF卡

WL/BT模块所有物料都默认不焊接

焊接AP6181时：  
R74、框A、R58、R59、R61、R62、R1、R2、R3不焊接  
框B焊接

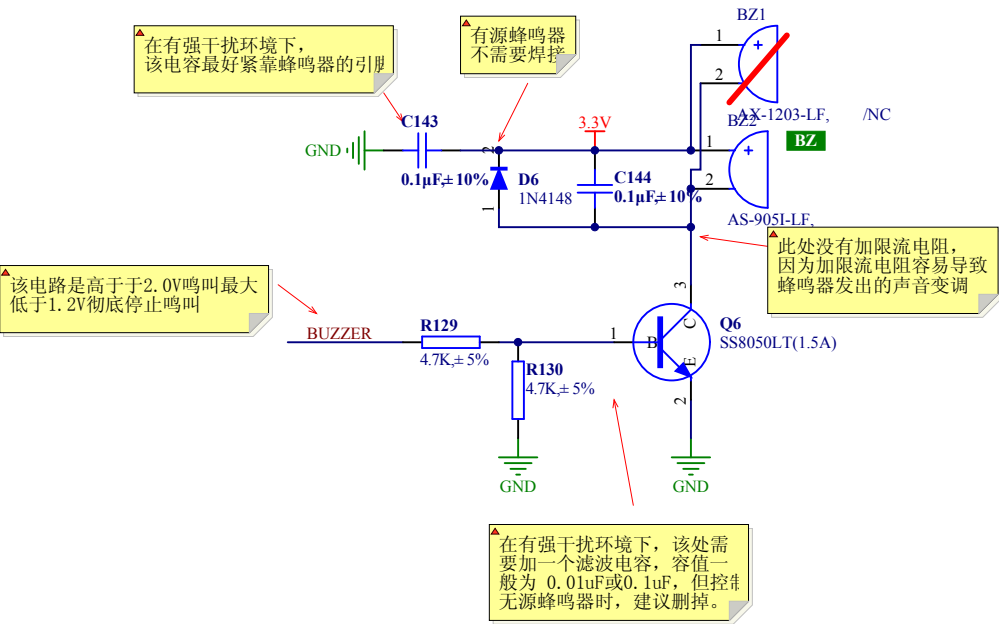
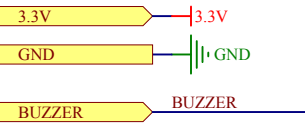
焊接AP6210时：  
R74、框A、B、R58、R59、R61、R62、R1~R3都需要焊接  
R77、R79不要焊接



#	修改日期	修改内容
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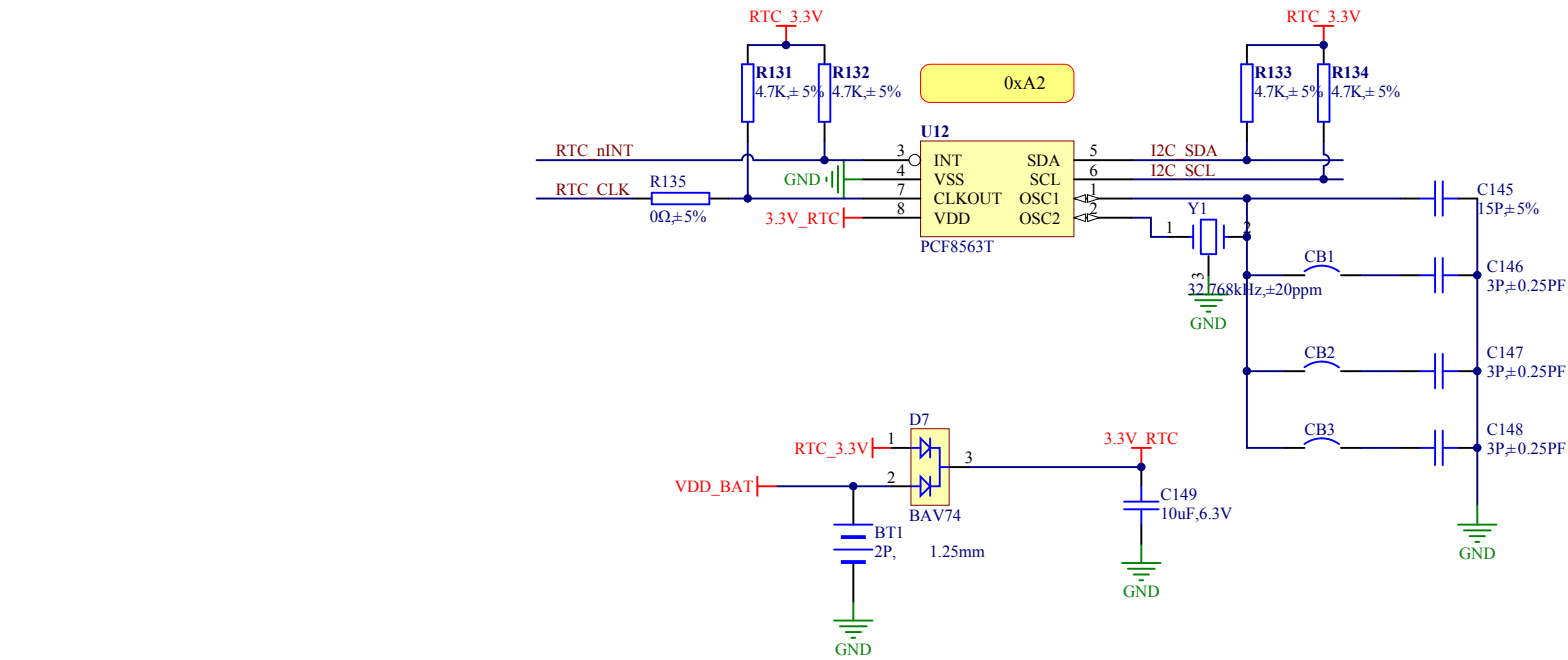
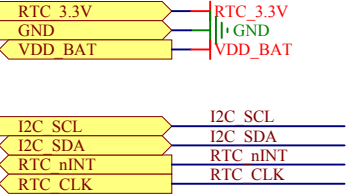


18. 3. 3V NPN控制有源蜂鸣器



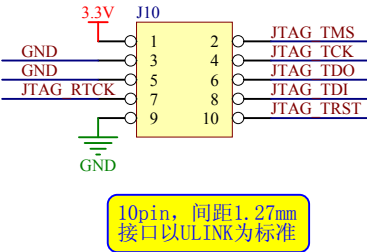
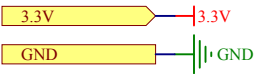
#	修改日期	修改内容
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19. RTC

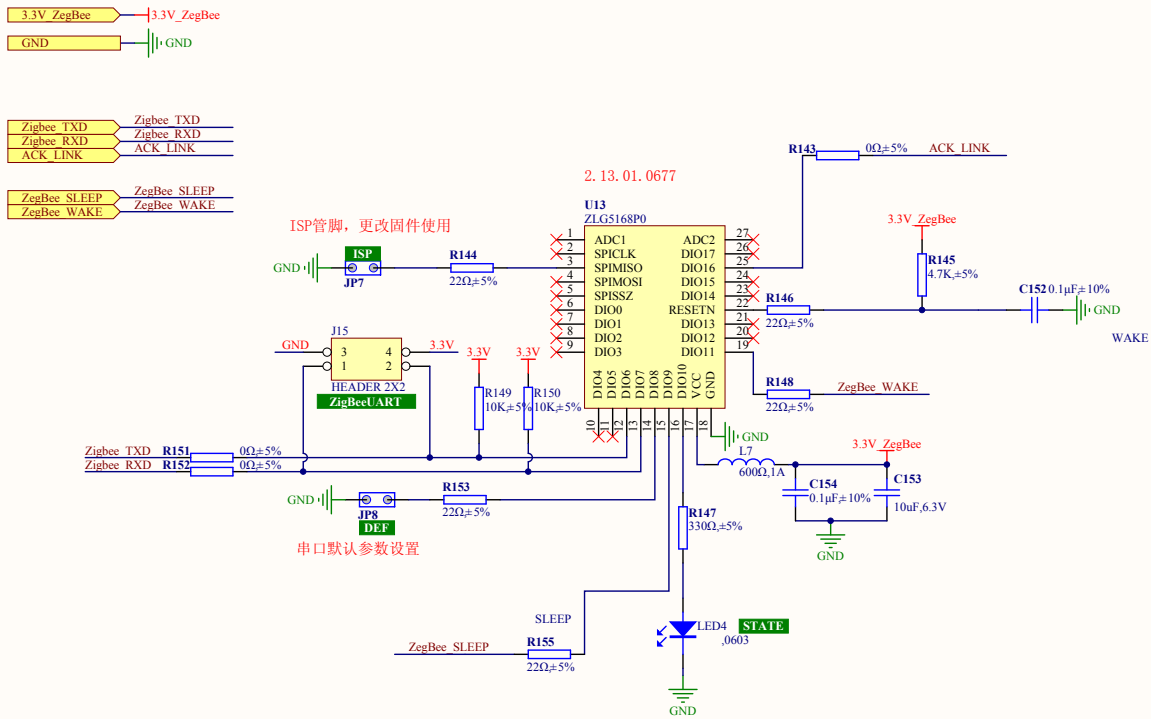


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20. JTAG

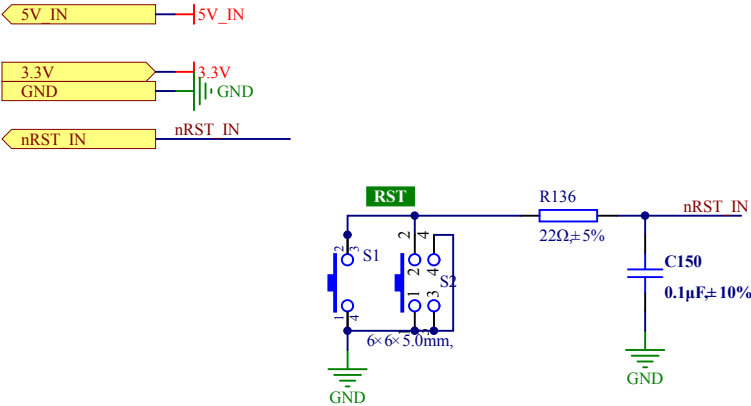


#	修改日期	修改内容
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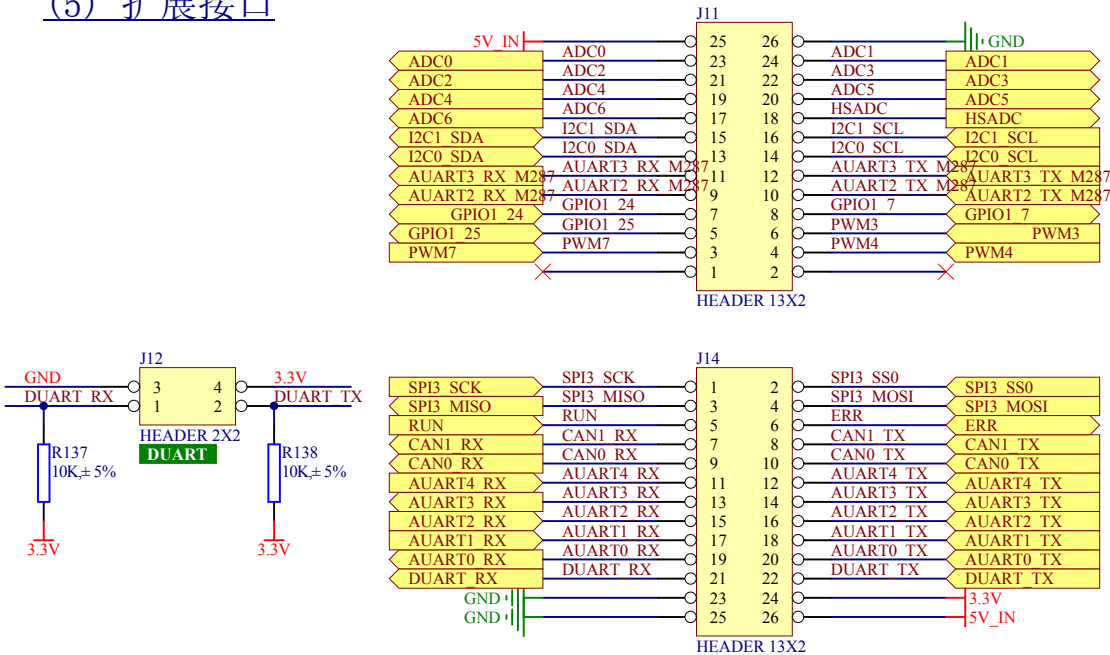


#	修改日期	修改内容
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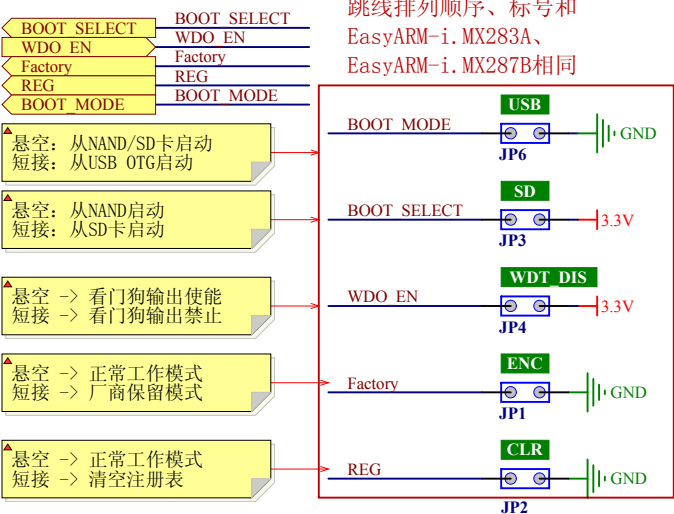
(1) 复位



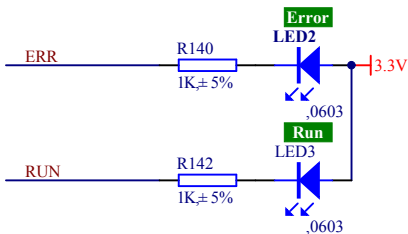
(5) 扩展接口



(2) 模式配置



(3) LED指示



(4) POWER UP

启动电路放到核心板电路中了

#	修改日期	修改内容
1		
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