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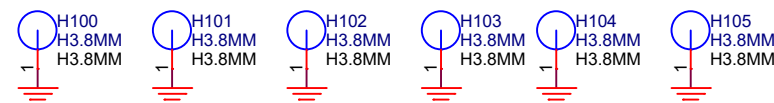
I2C address(7Bit)

1: I2C0

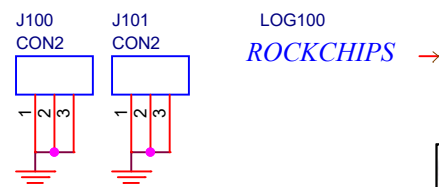
2: I2C1


FM_RDA5807M:0X10

HOLE



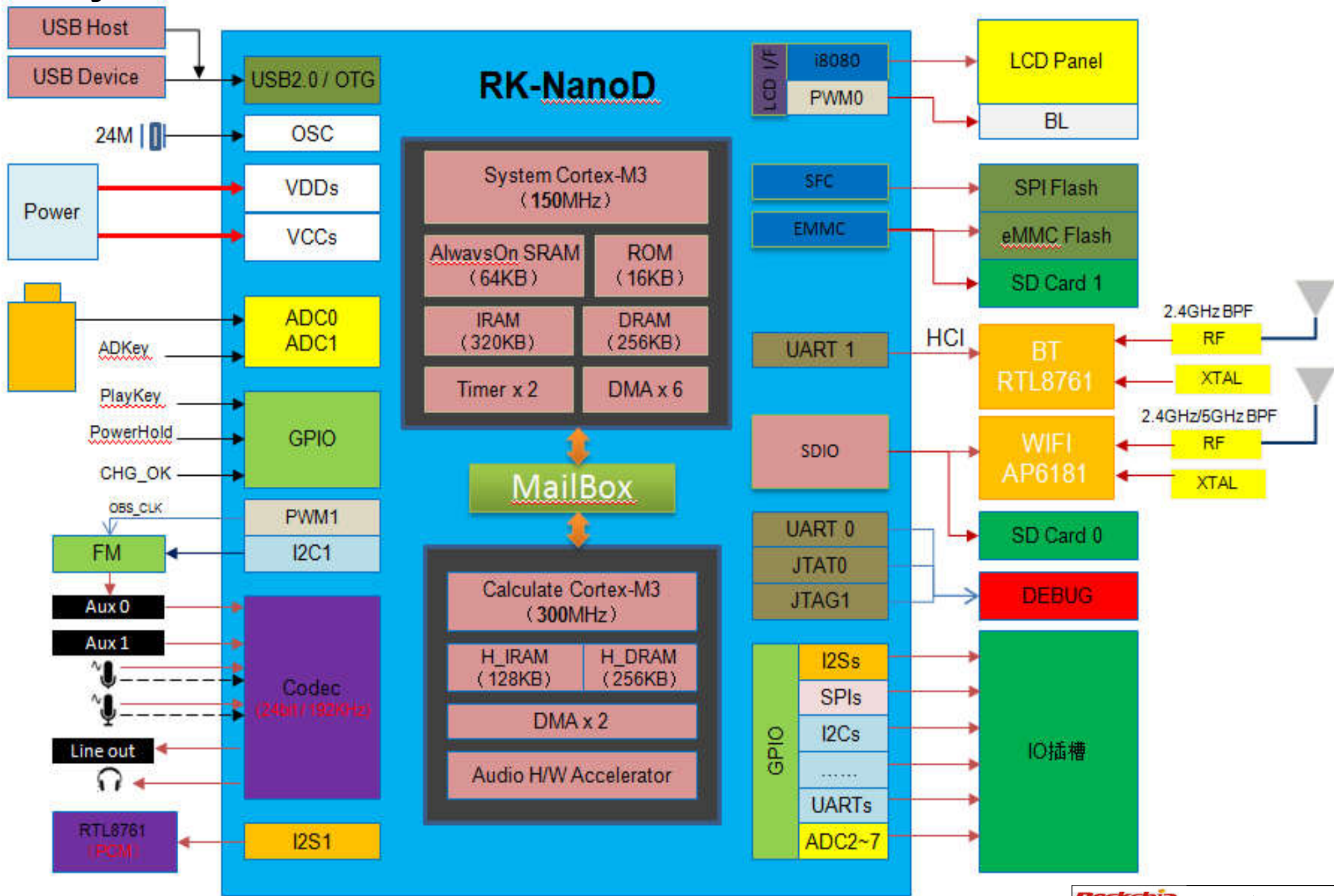
MARK



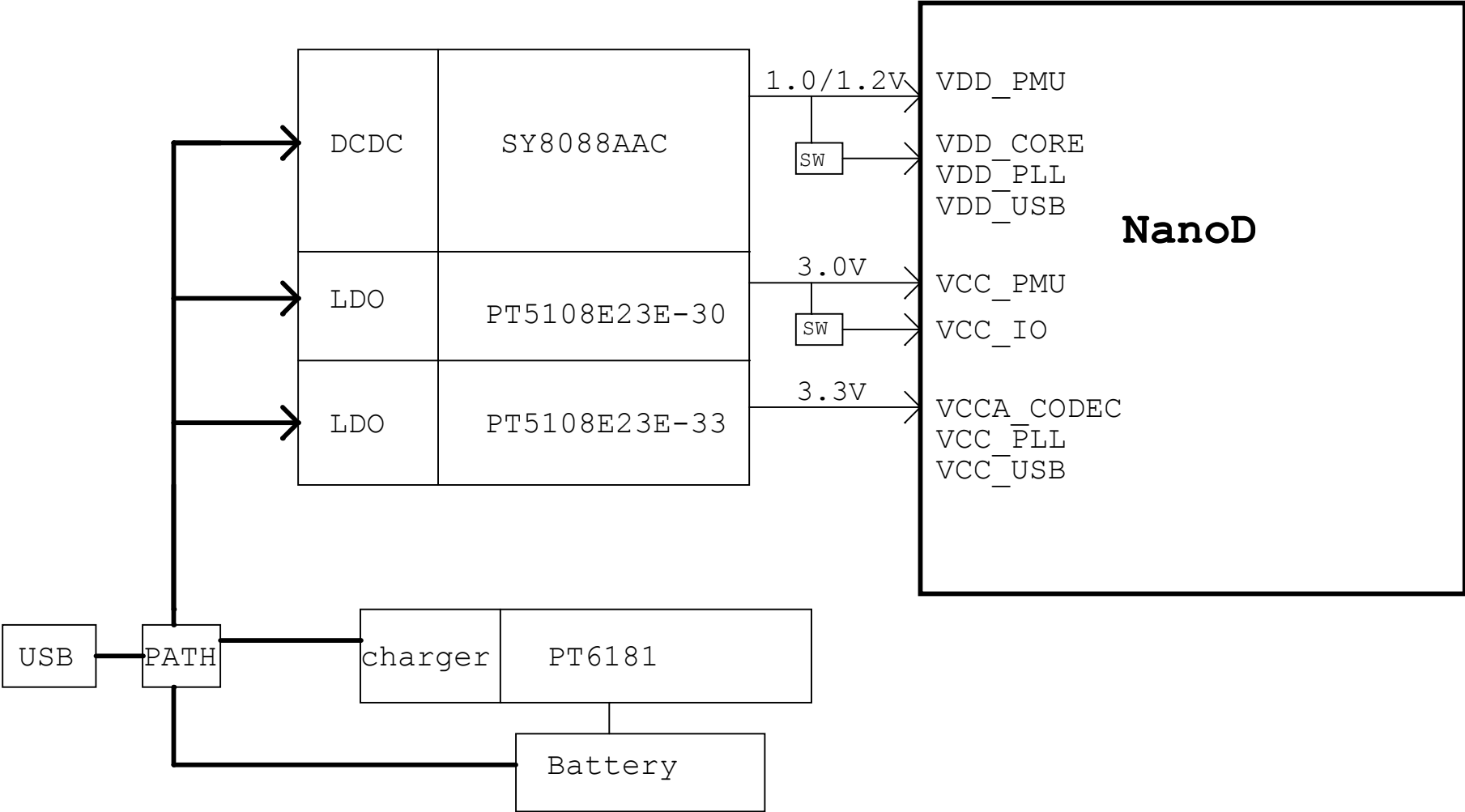
 瑞芯微电子		福州瑞芯微电子有限公司	
Title: Index			
File: RKNanoD			REV:V0.1
Create Date: Sunday, January 18, 2015		Page Num:1	
Modify Date: Tuesday, September 08, 2015		Page Total:16	

Version	Date	Author	Change Note	Approved
V1.0	20150119	ZJC	First edictor	
V2.0	20150416	ZJC	1: Optimize System Power; 2: Change wifi to RTL8189; 3: Delete ACL5633.	
V2.1	20150511	ZJC	1: Change wifi to INP6000;	
V2.2	20150722	ZJC	1: Change wifi to AP6181;	

Block Diagram

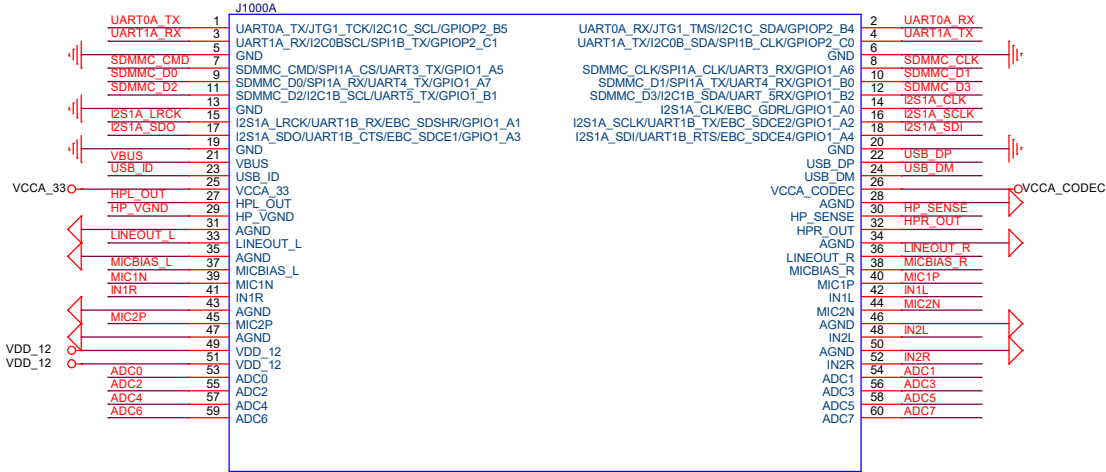


Power Tree



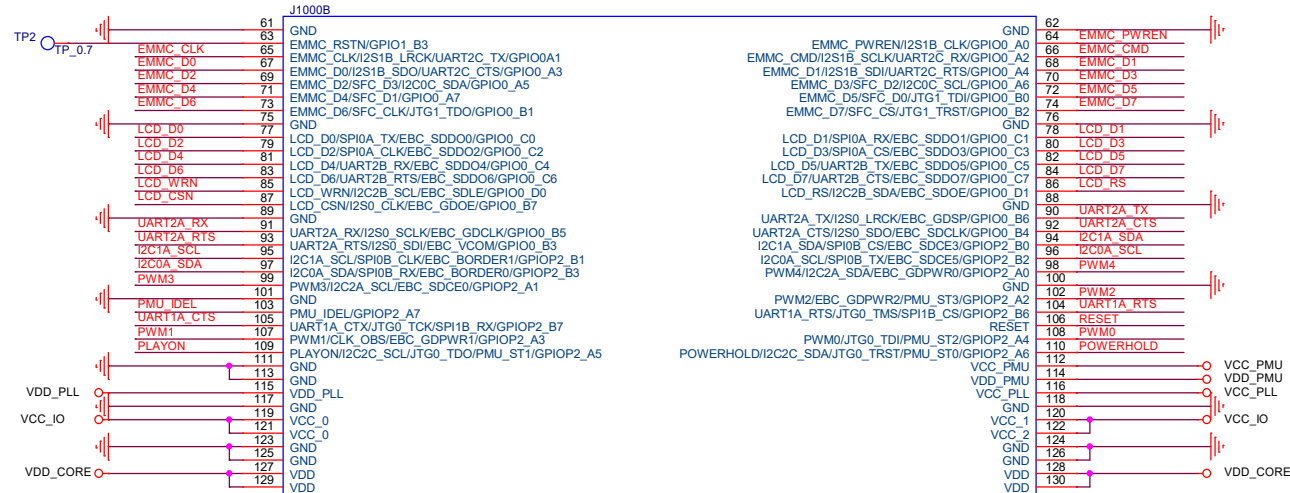
Interface

NanoD Interface Part-A

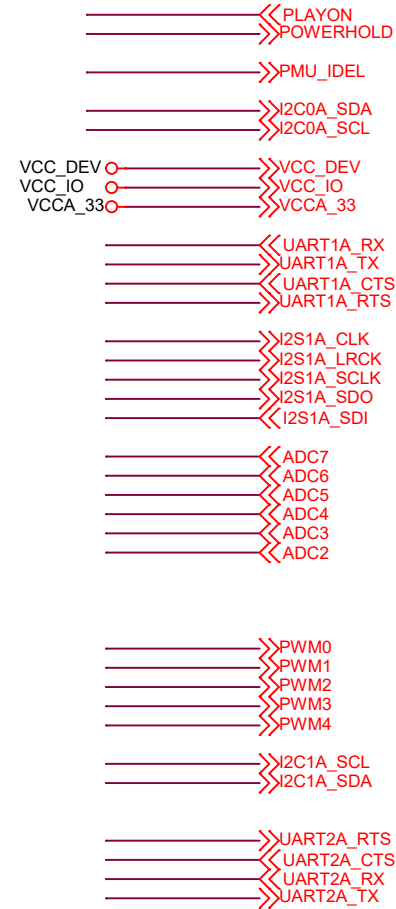
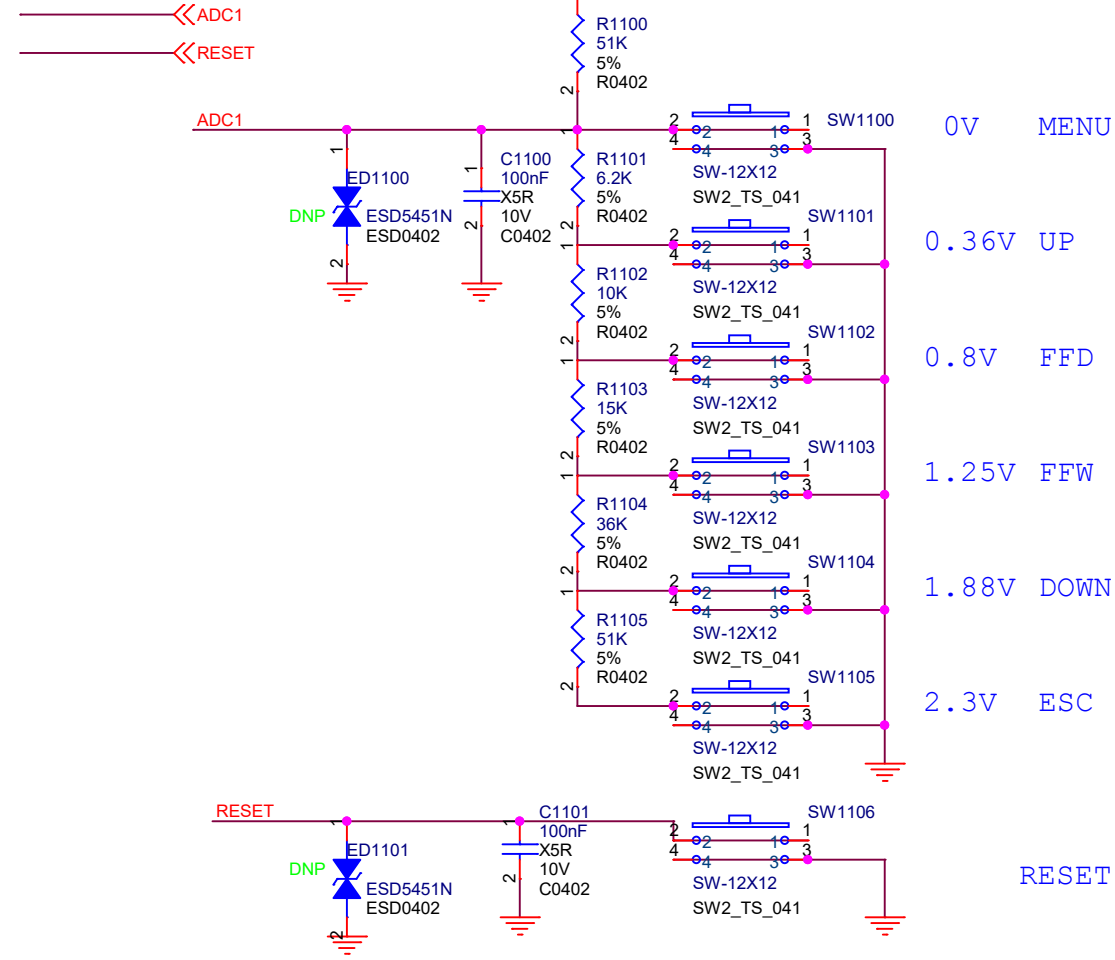


CON130PIN1.27

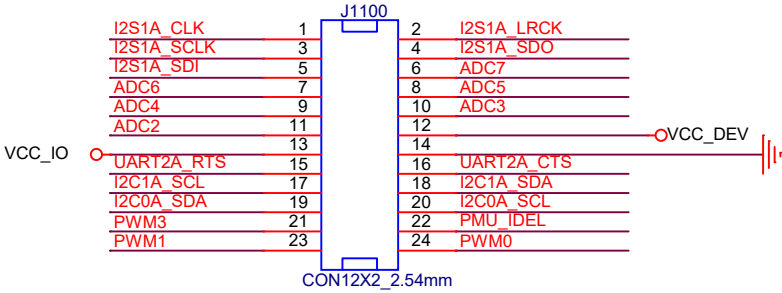
NanoD Interface Part-B



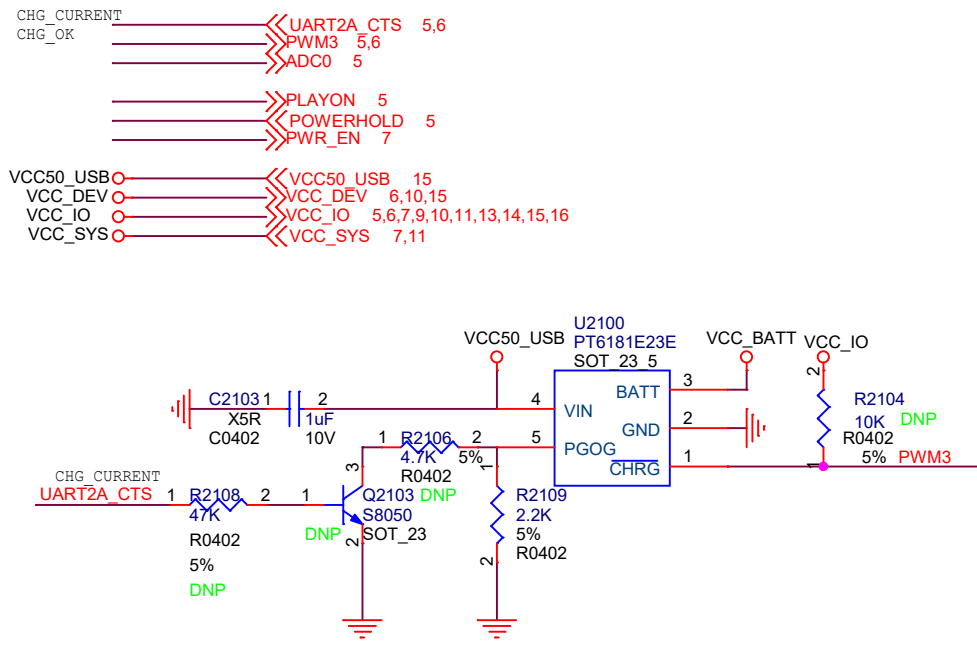
KEY



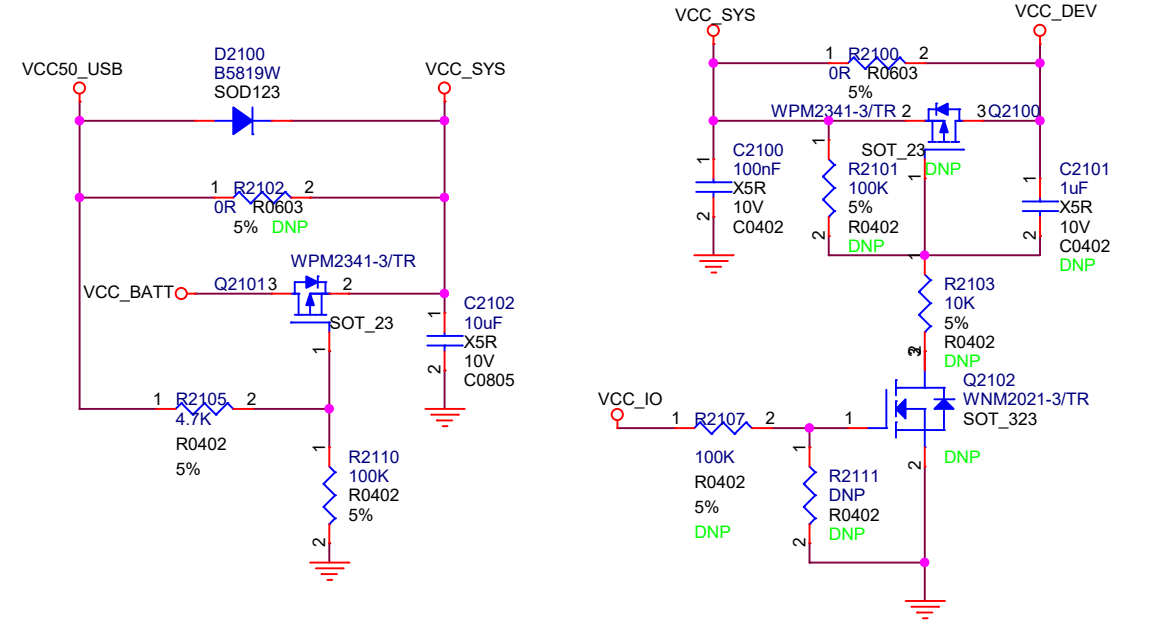
IO Interface



CHARGER

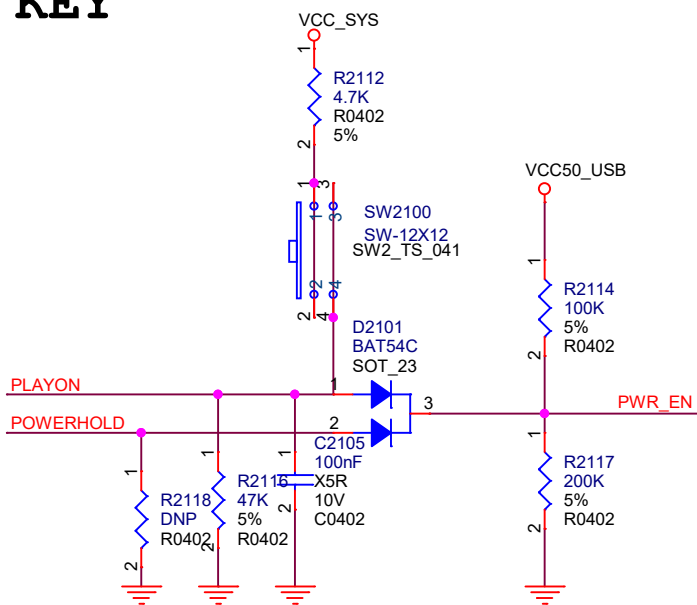


POWER PATH

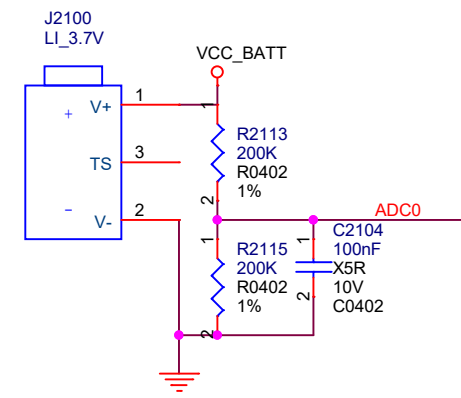



NOTE:
POWER PATH reserve for USB Suspend

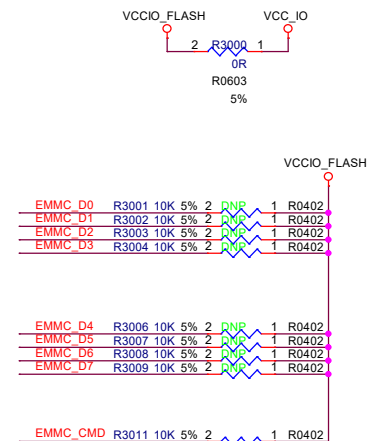
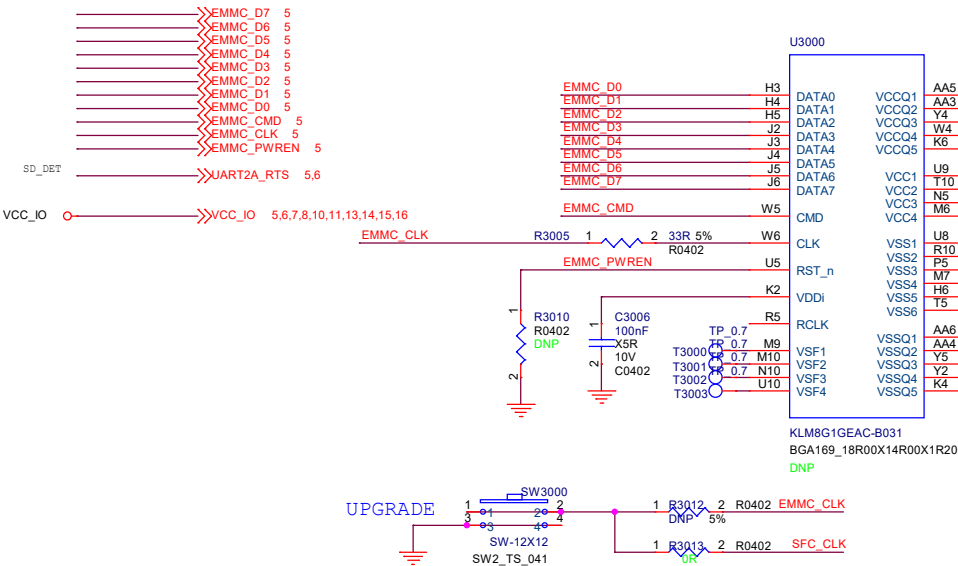
POWER KEY



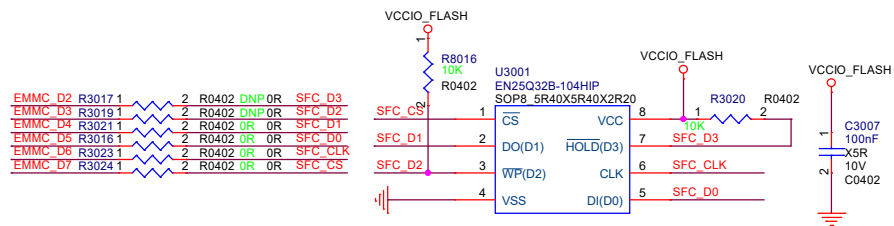
BATTERY



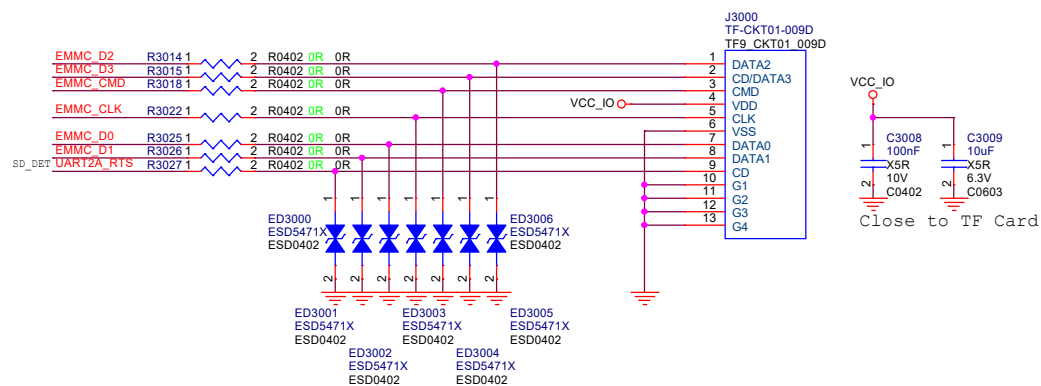
 瑞芯微电子		福州瑞芯微电子股份有限公司	
Title: Charger			
File: RKNanoD			REV:V0.1
Create Date: Thursday, January 15, 2015		Page Num:8	
Modify Date: Tuesday, September 08, 2015		Page Total:16	



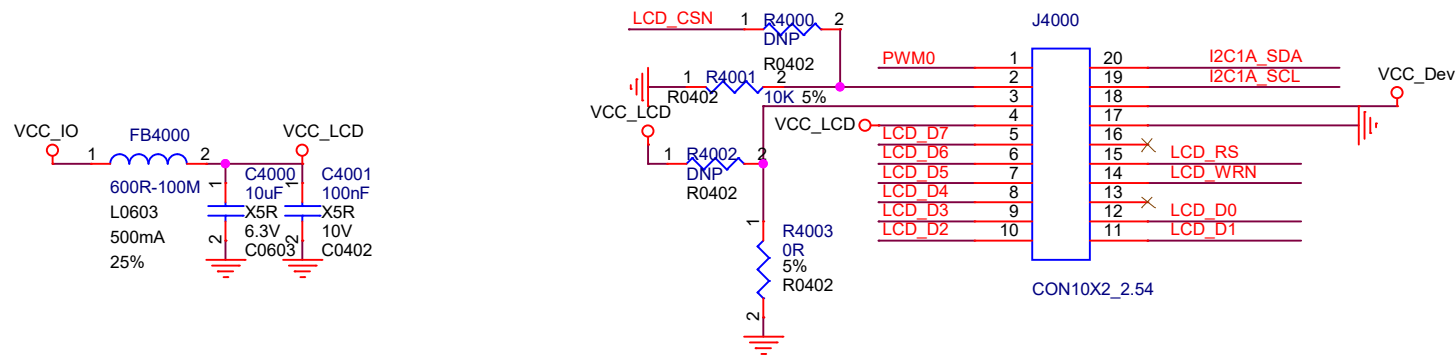
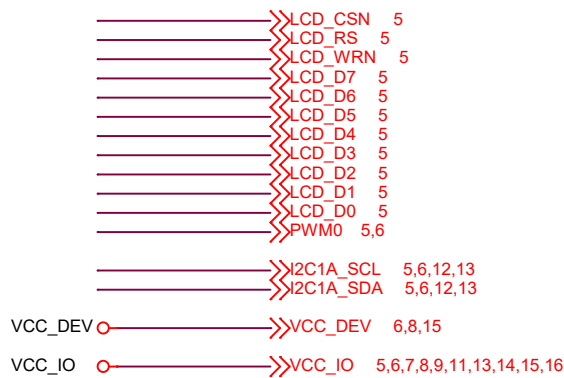
NorFlash (OPTION)



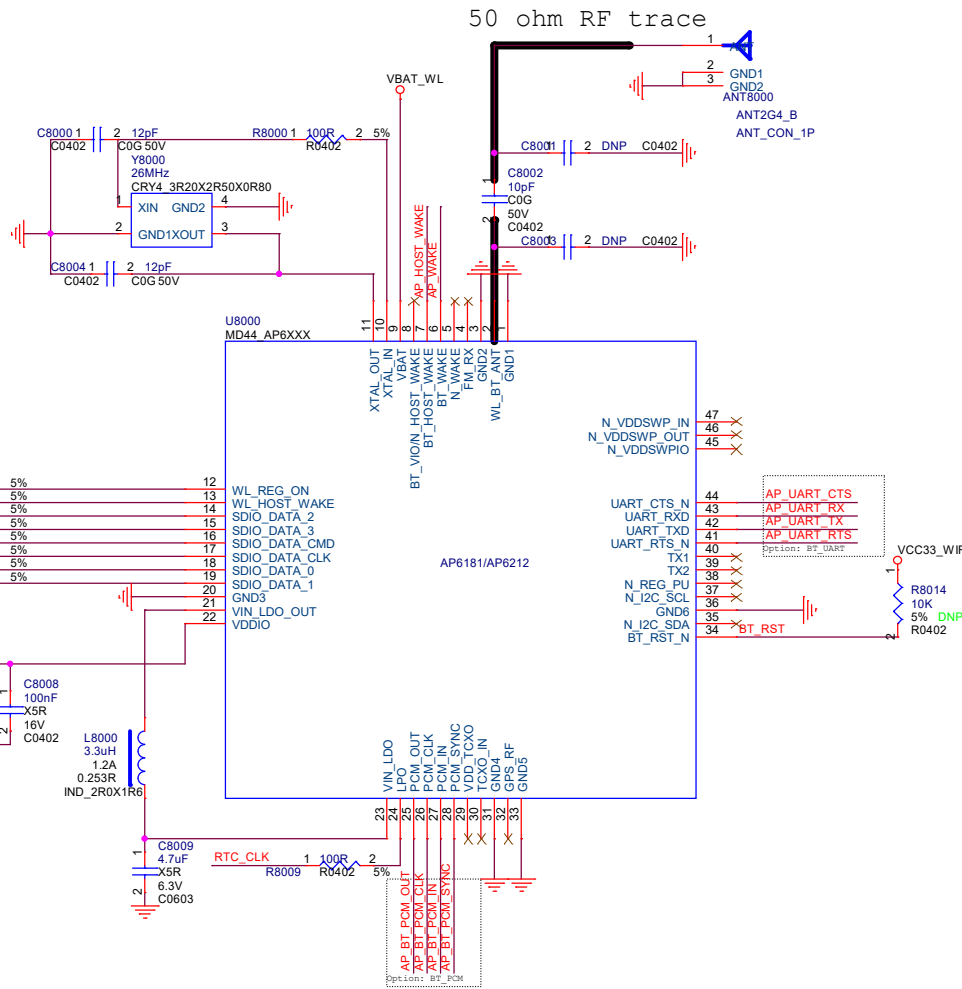
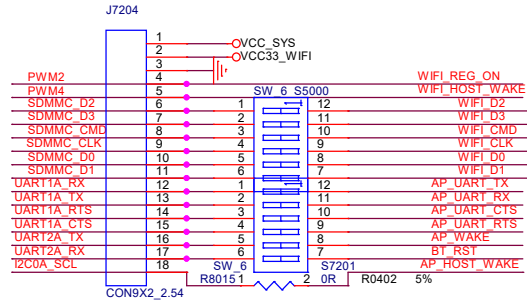
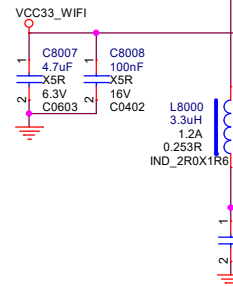
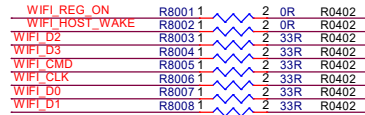
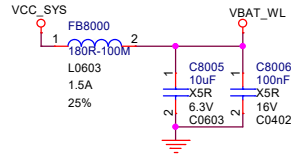
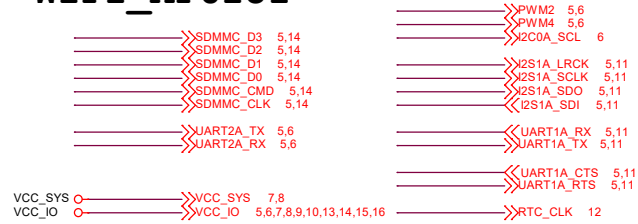
TFCard (OPTION)



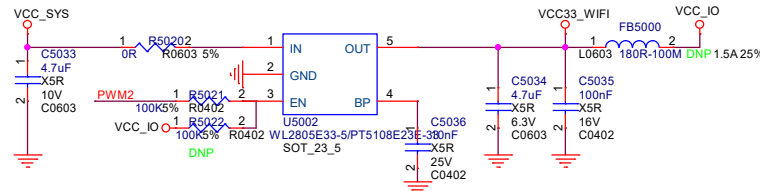
LCD Interface



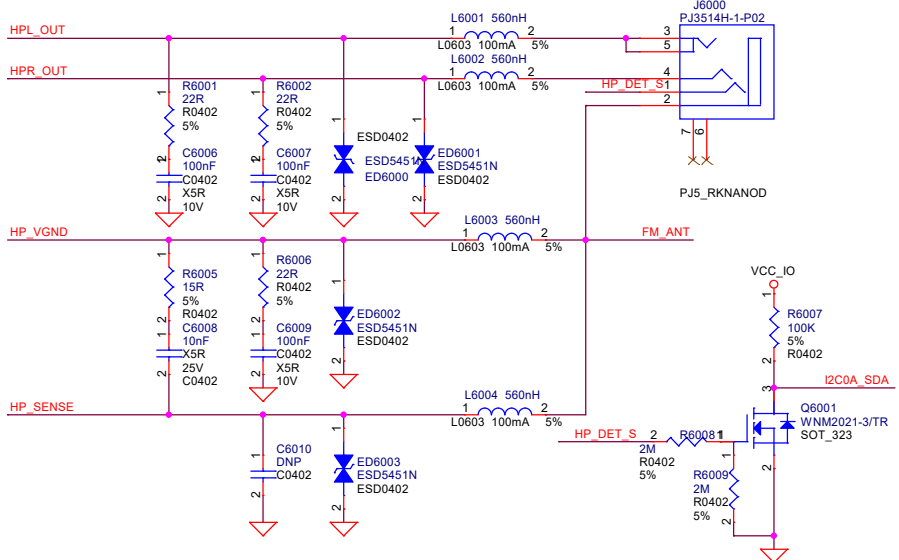
WIFI_AP6181



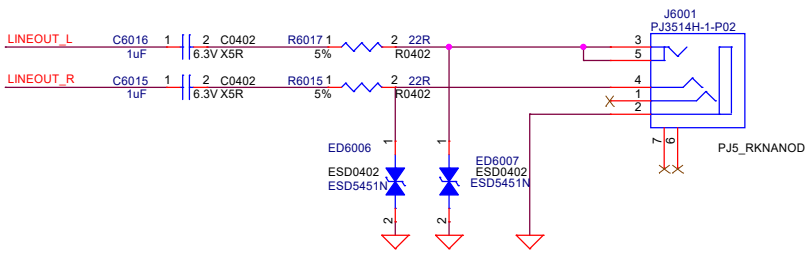
AP6181	WIFI
AP6212	WIFI+BT



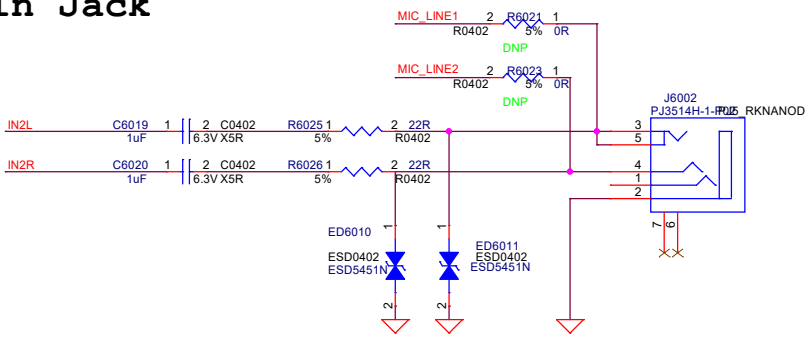
EarPhone Jack



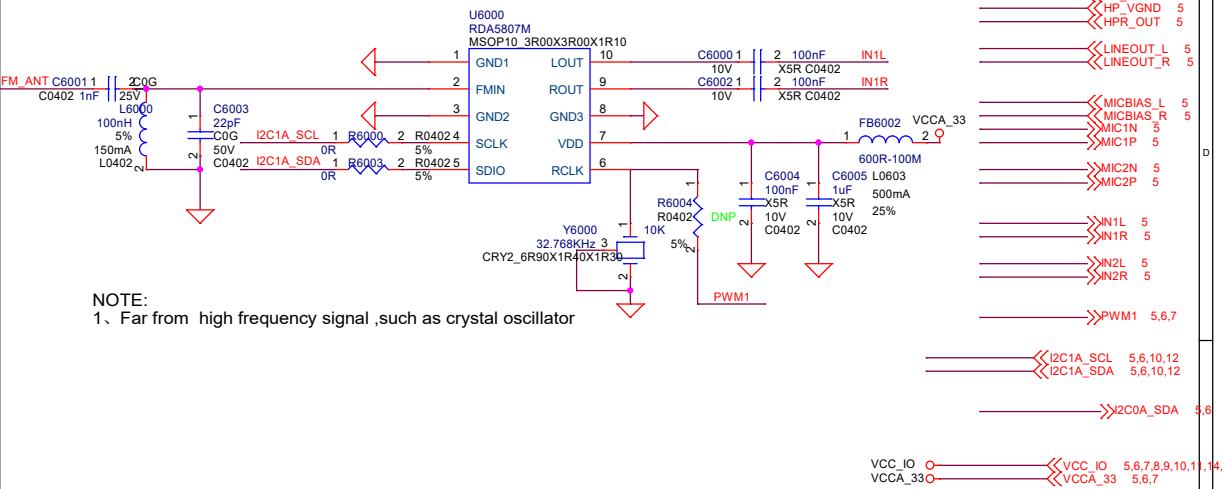
Lineout Jack



Line2in Jack

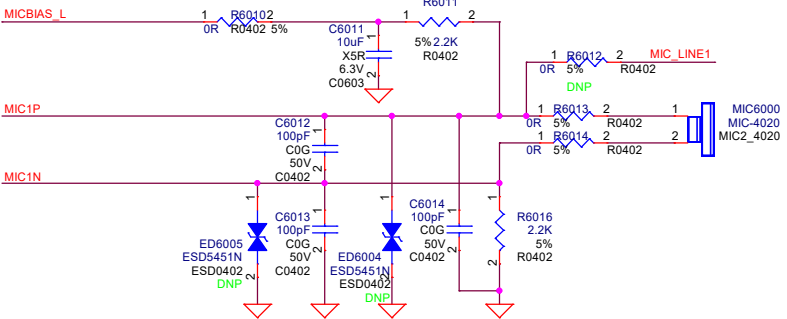


FM



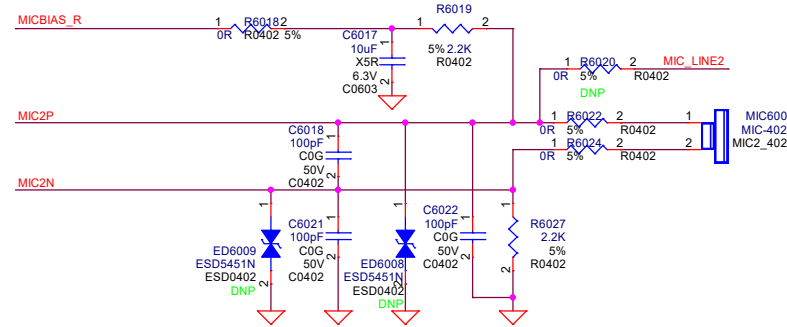
NOTE:
1、Far from high frequency signal ,such as crystal oscillator

MIC1



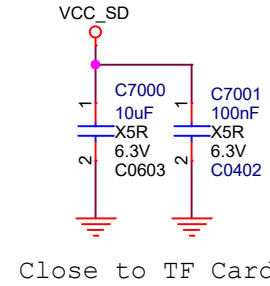
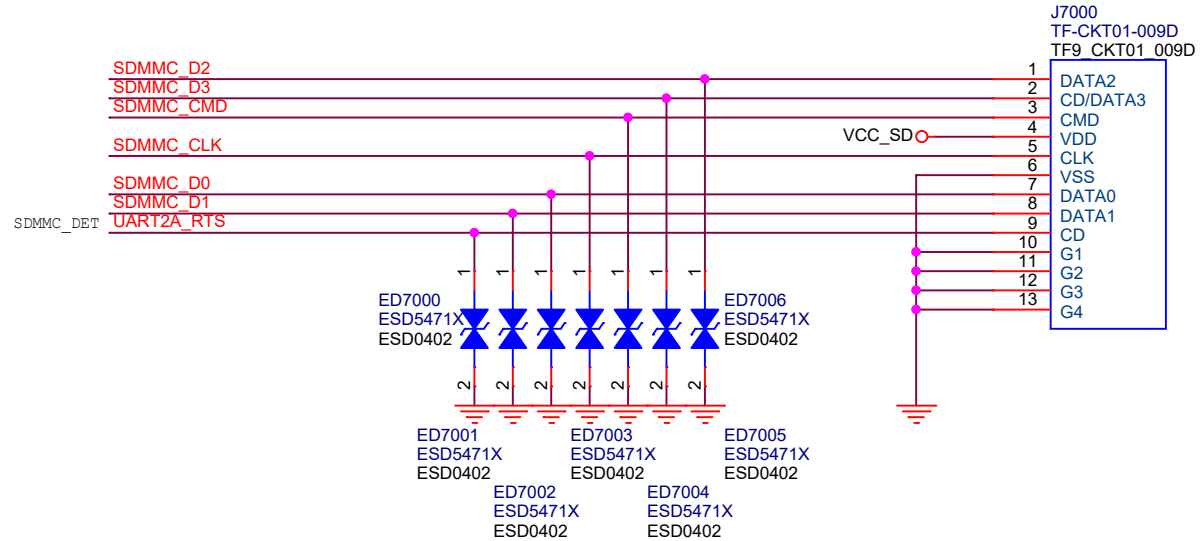
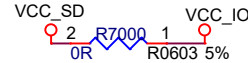
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ED7004,C7015,C7013=NC.

MIC2

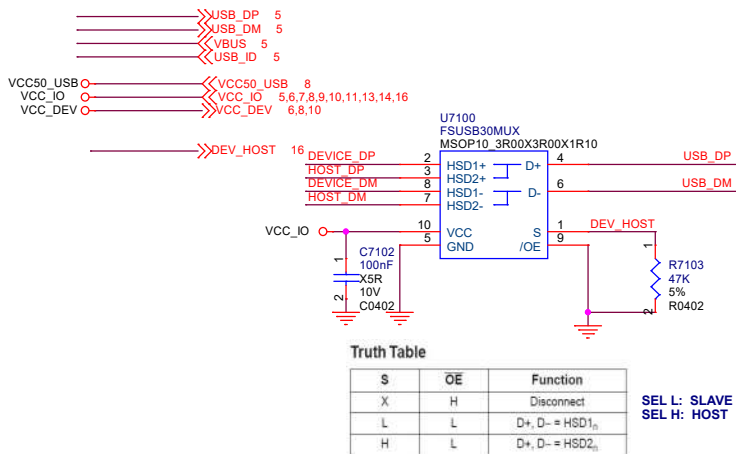


Option Single-End Mode: R7015=0R;
ED7009,C7027,C7023=NC.

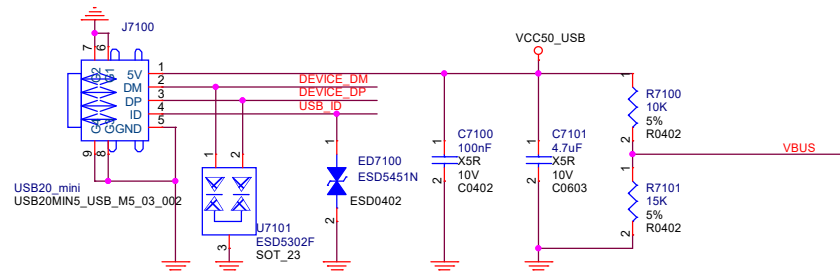
TF Card



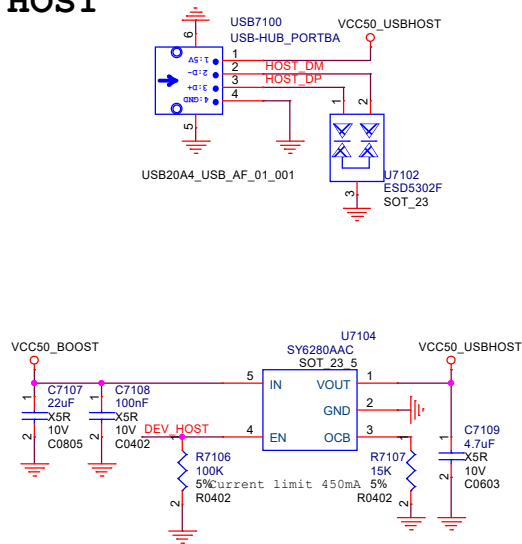
USB Switch



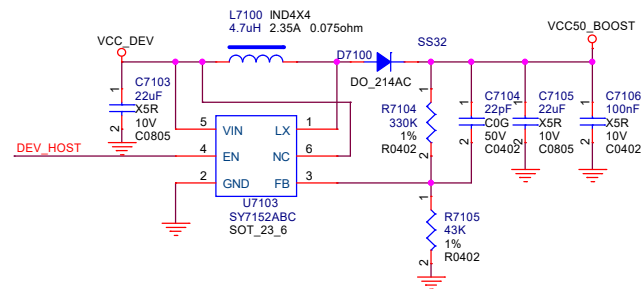
USB DEVICE



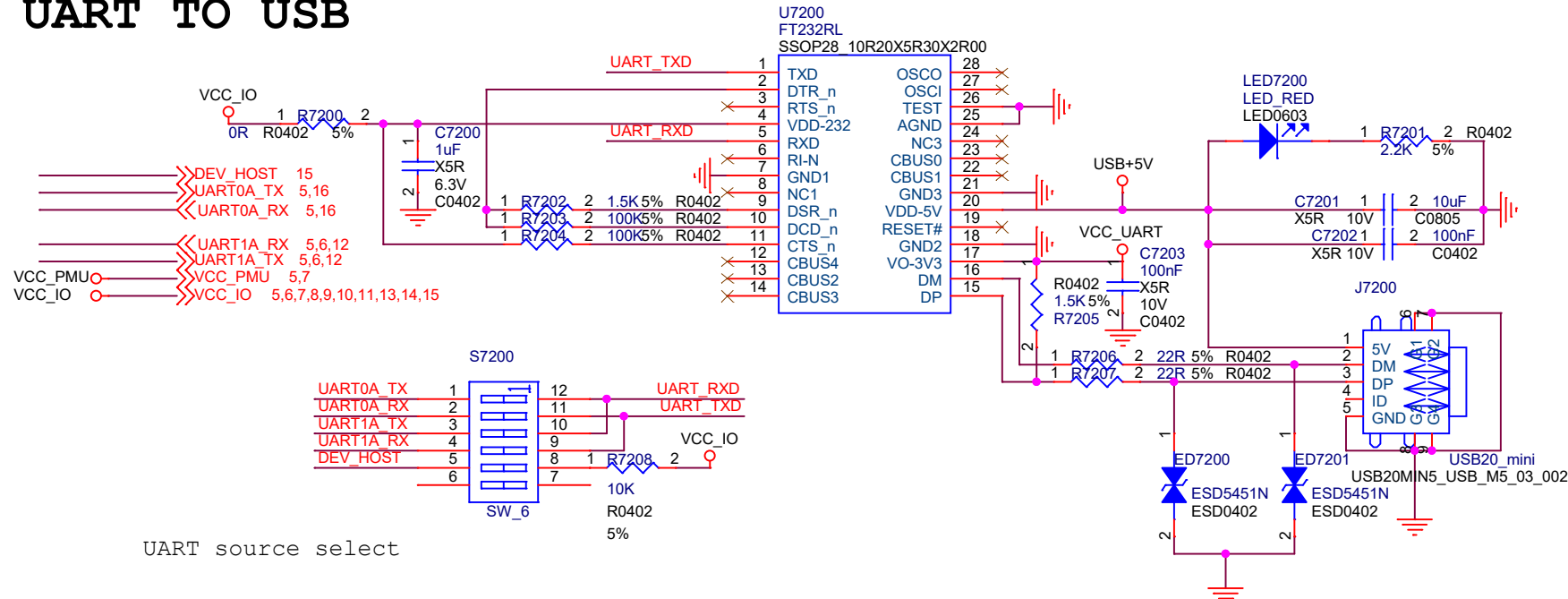
USB HOST



USB POWER

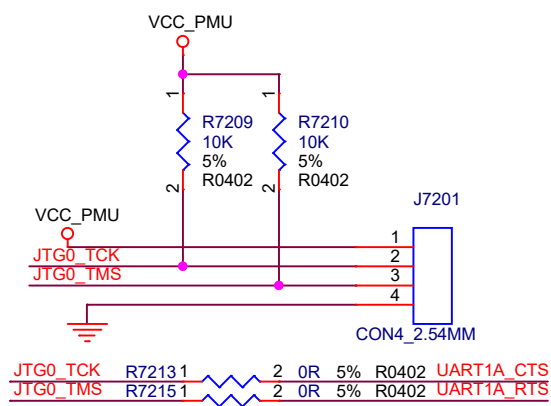


UART TO USB



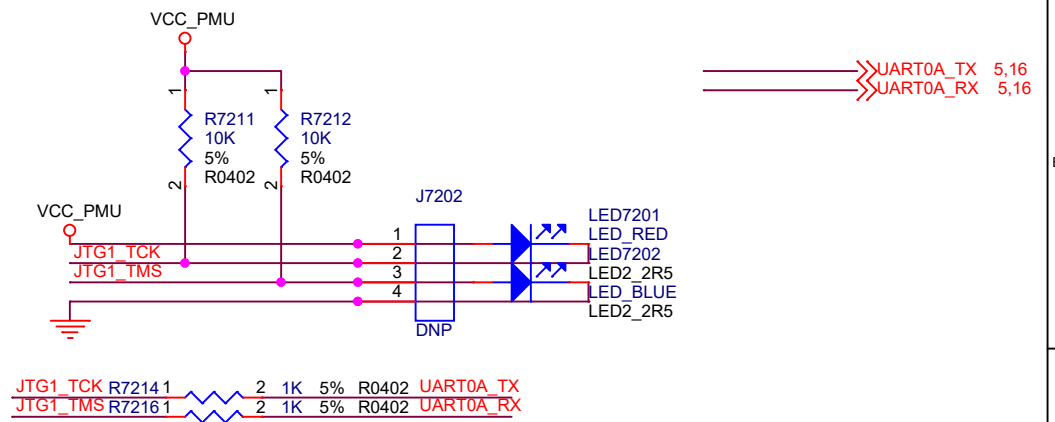
UART source select

JTAG0



NOTE: Jtag Default SWD Mode

JTAG1



NOTE: Jtag Default SWD Mode