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I2C address(7Bit)

1: I2C0

RTC_HYM8563:0x51

PMU:Reserve

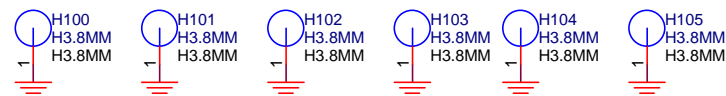
2: I2C1

Codec_ALC5633:0X38

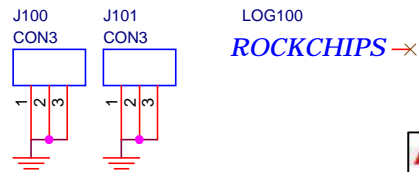
FM_RDA5807M:0X10


LCD:Reserve

HOLE



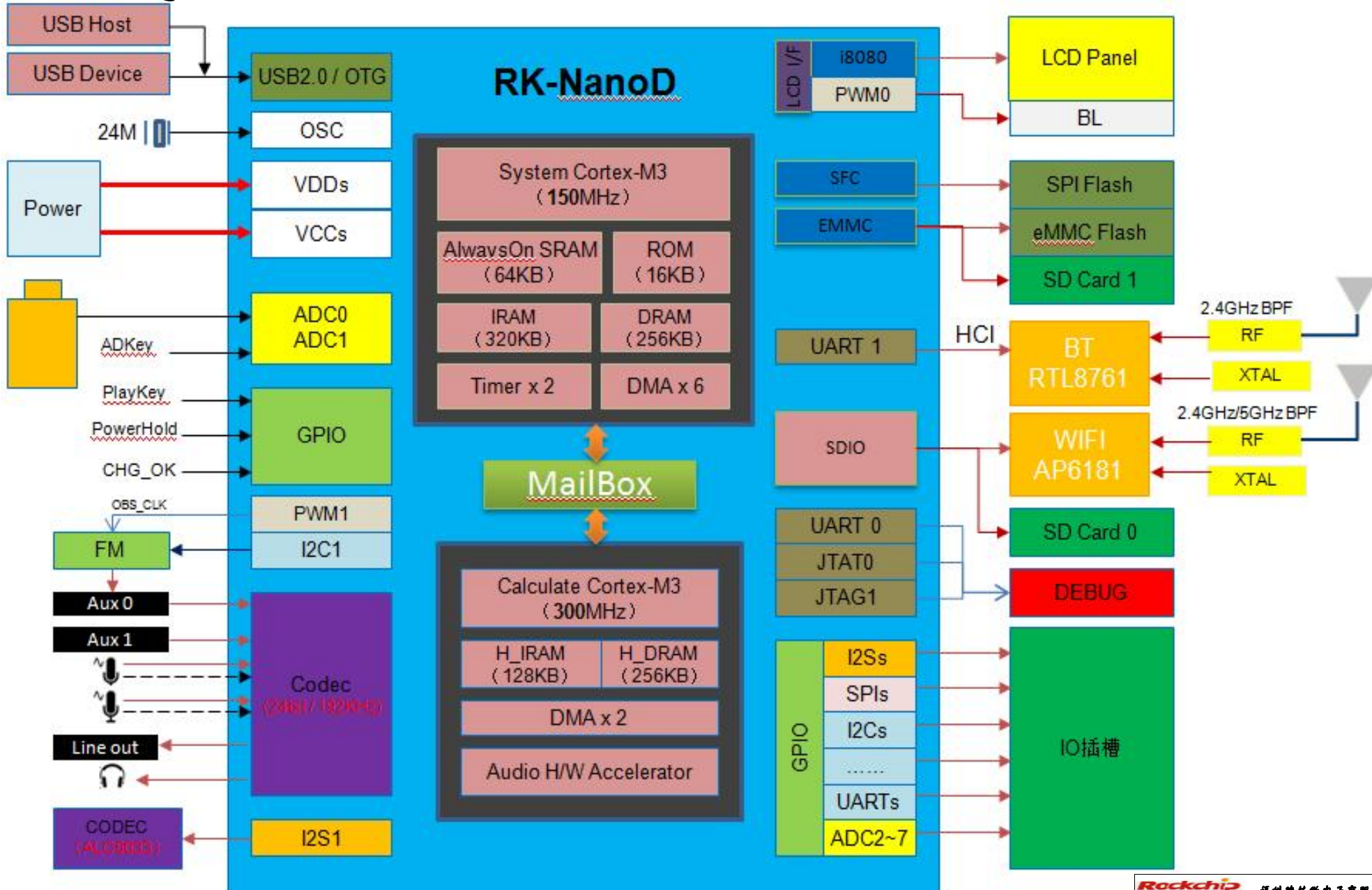
MARK



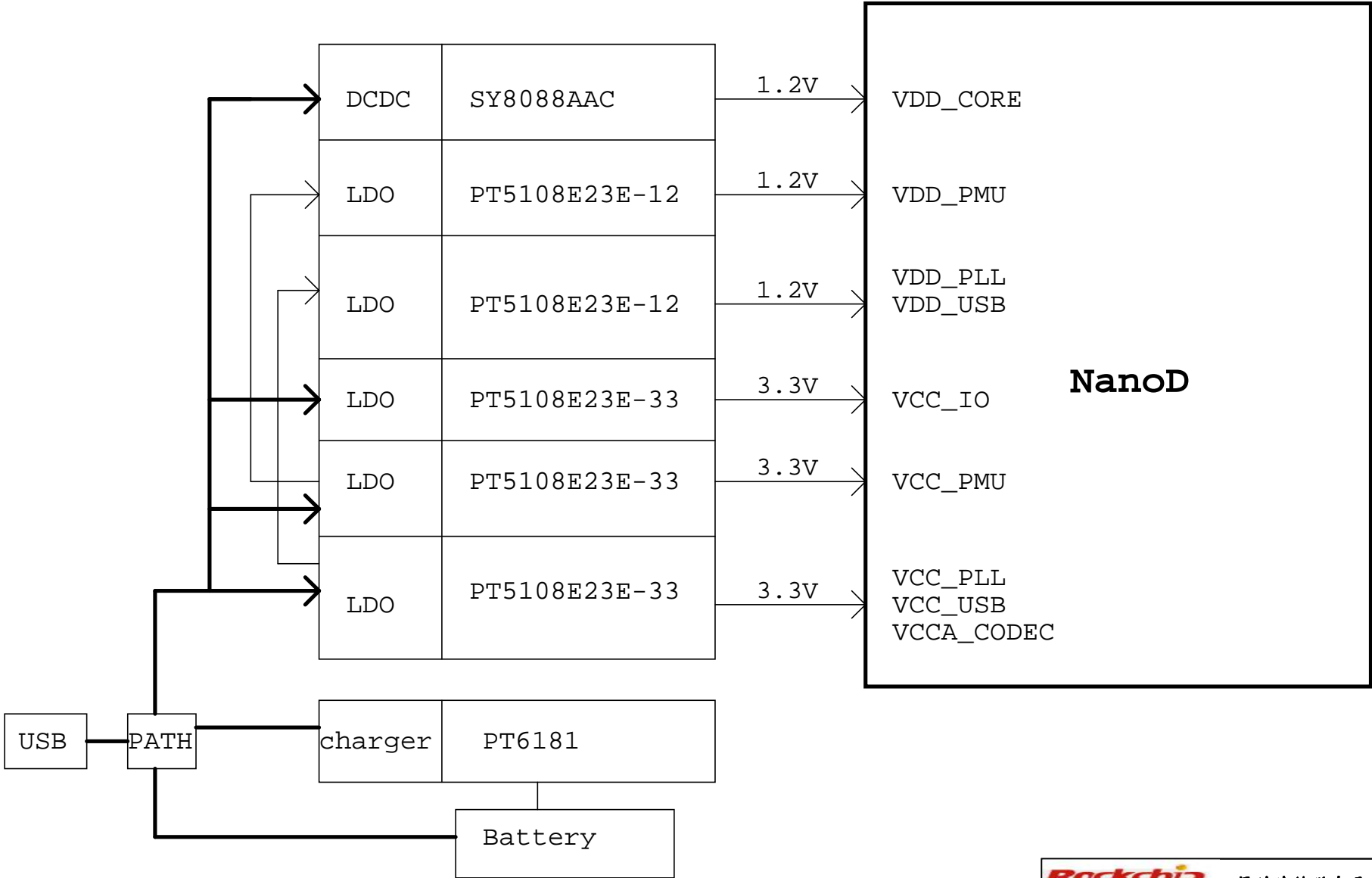
 瑞芯微电子		福州瑞芯微电子有限公司	
Title: Index			
File: RKNanoD			REV:V0.1
Create Date: Sunday, January 18, 2015		Page Num:1	
Modify Date: Thursday, April 30, 2015		Page Total:17	

5					4					3					2					1				
Version					Date					Author					Change Note					Approved				
V0.1					20150119					ZJC					First edictor									

Block Diagram

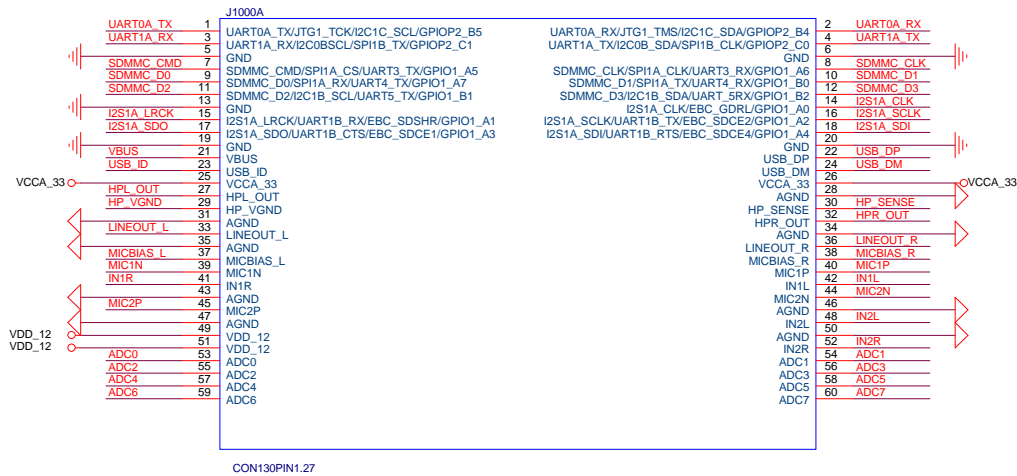


Power Tree

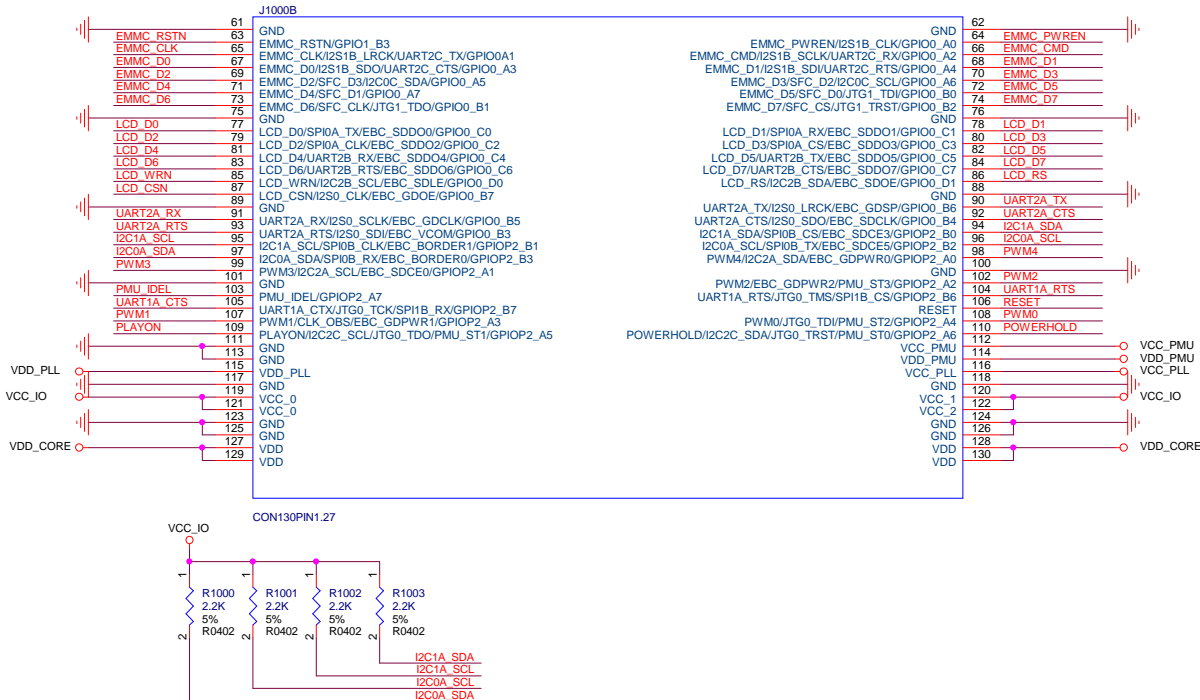


Interface

NanoD Interface Part-A



NanoD Interface Part-B



UART0&1 Interface



SDMMC Interface



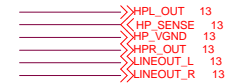
I2S Interface



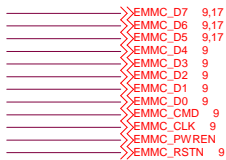
USB Interface



Audio Interface



eMMC Interface



ADC Interface



Power Ctrl Interface



PWM



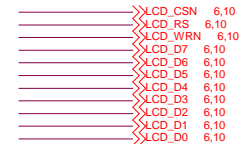
I2C



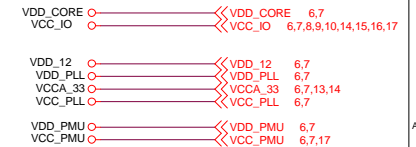
UART2 Interface



LCD Interface

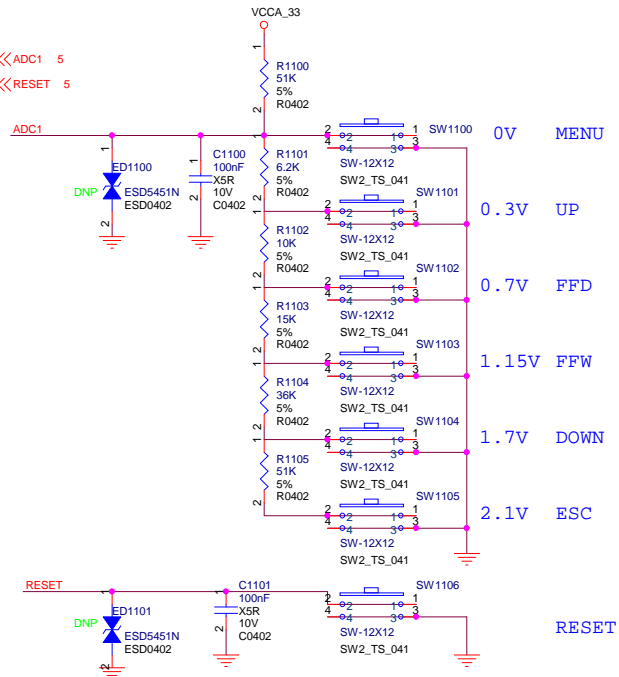


Power Interface

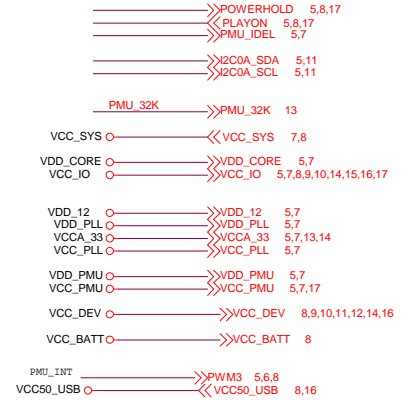
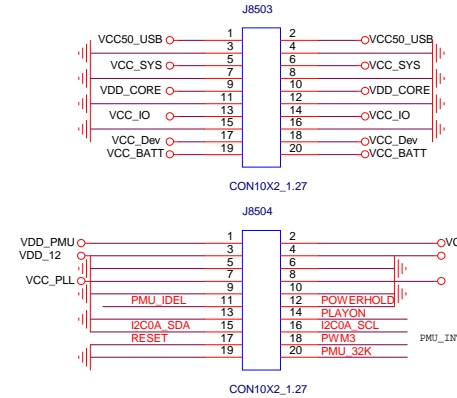


KEY

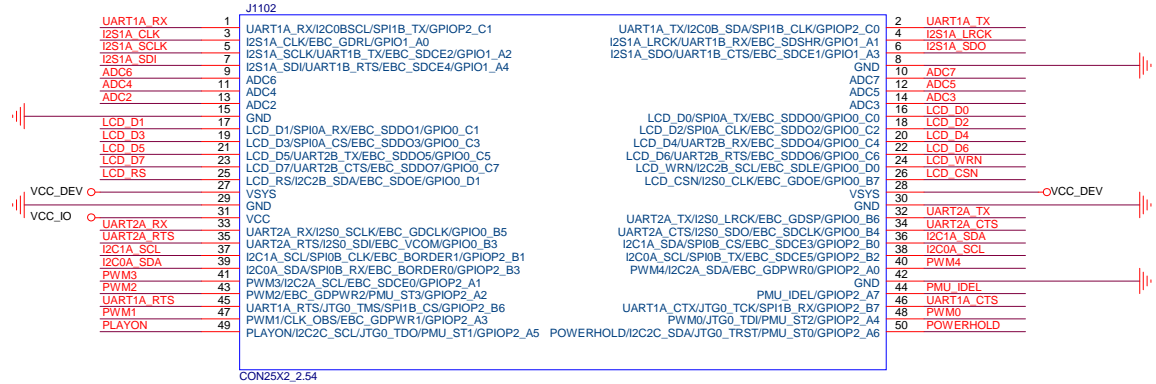
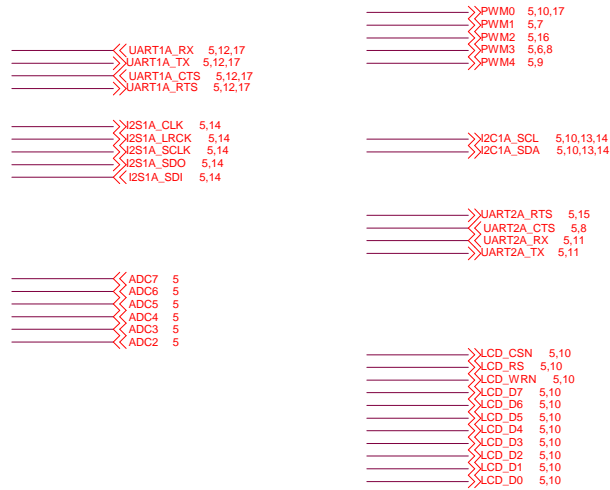
ADC1 5
RESET 5



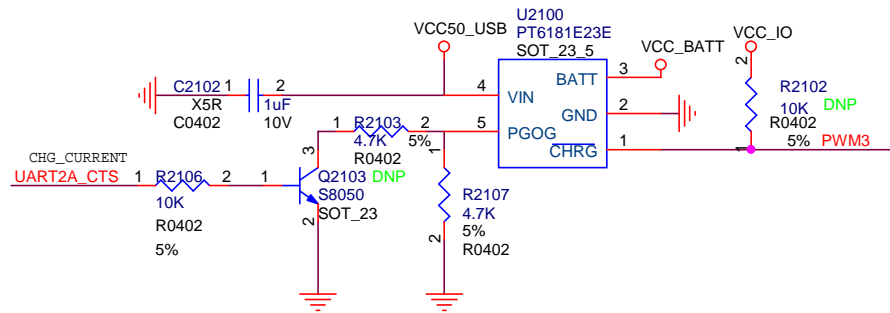
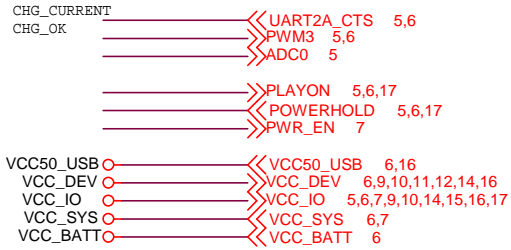
PMU Interface



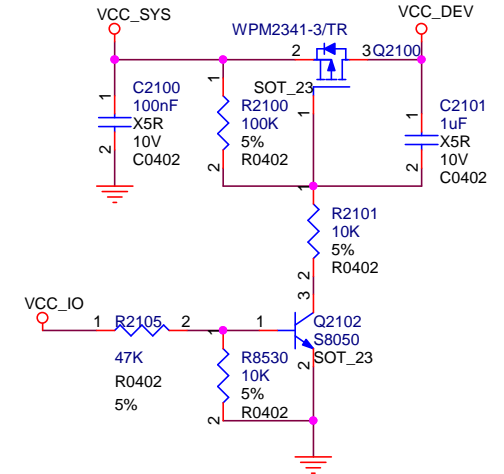
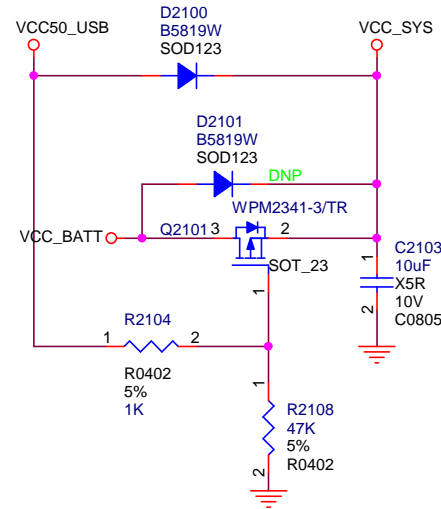
IO Interface



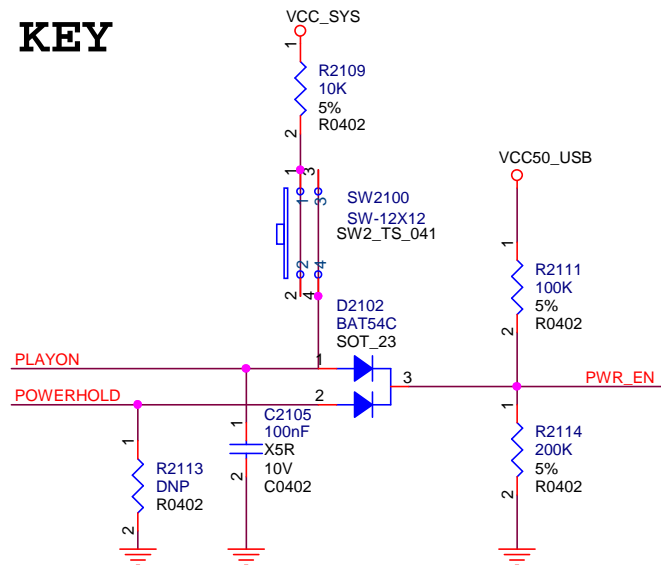
CHARGER



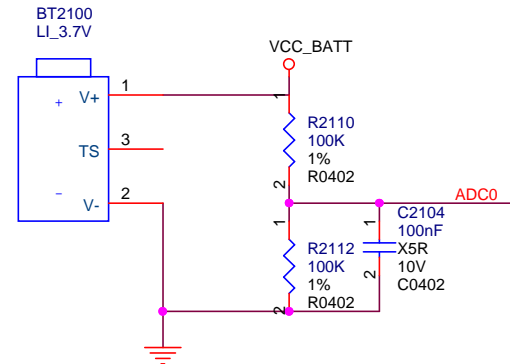
POWER PATH




POWER KEY



BATTERY



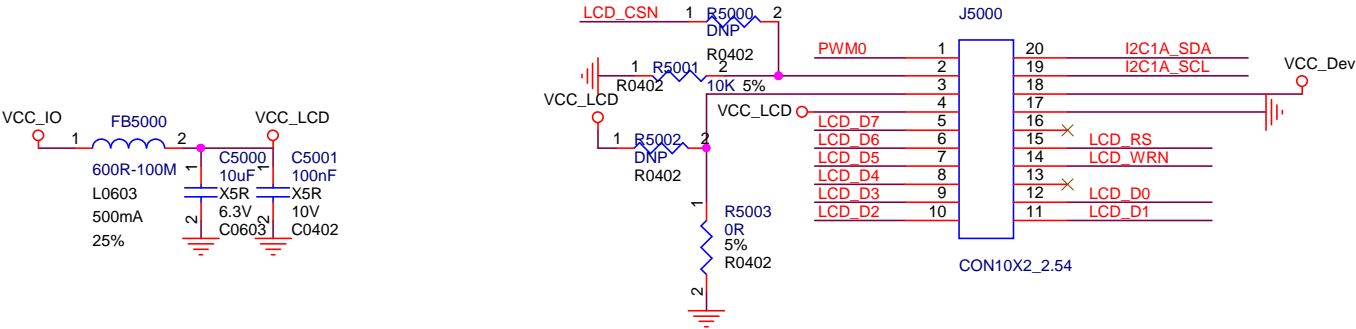
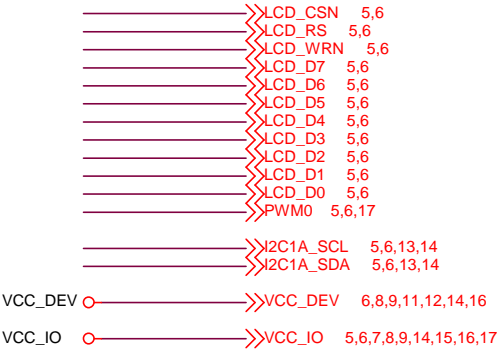
 瑞芯微电子		福州瑞芯微电子有限公司	
Title: Charger			
File: RKNanoD		REV:V0.1	
Create Date: Thursday, January 15, 2015		Page Num:8	
Modify Date: Thursday, April 30, 2015		Page Total:17	



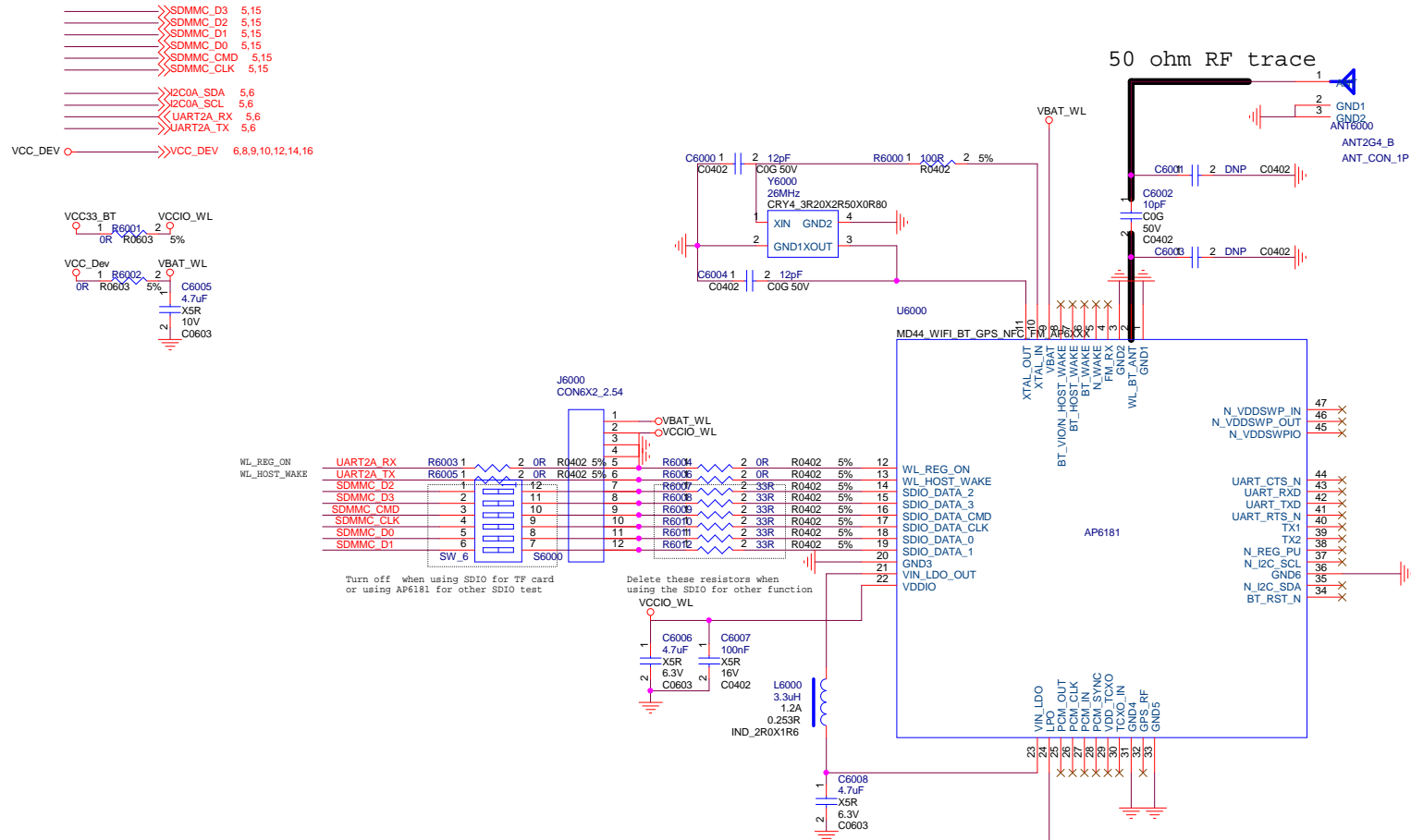
3



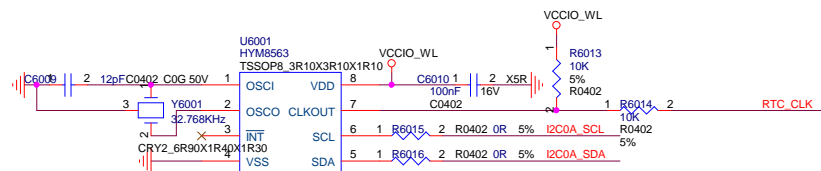
LCD Interface



Wifi_AP6181



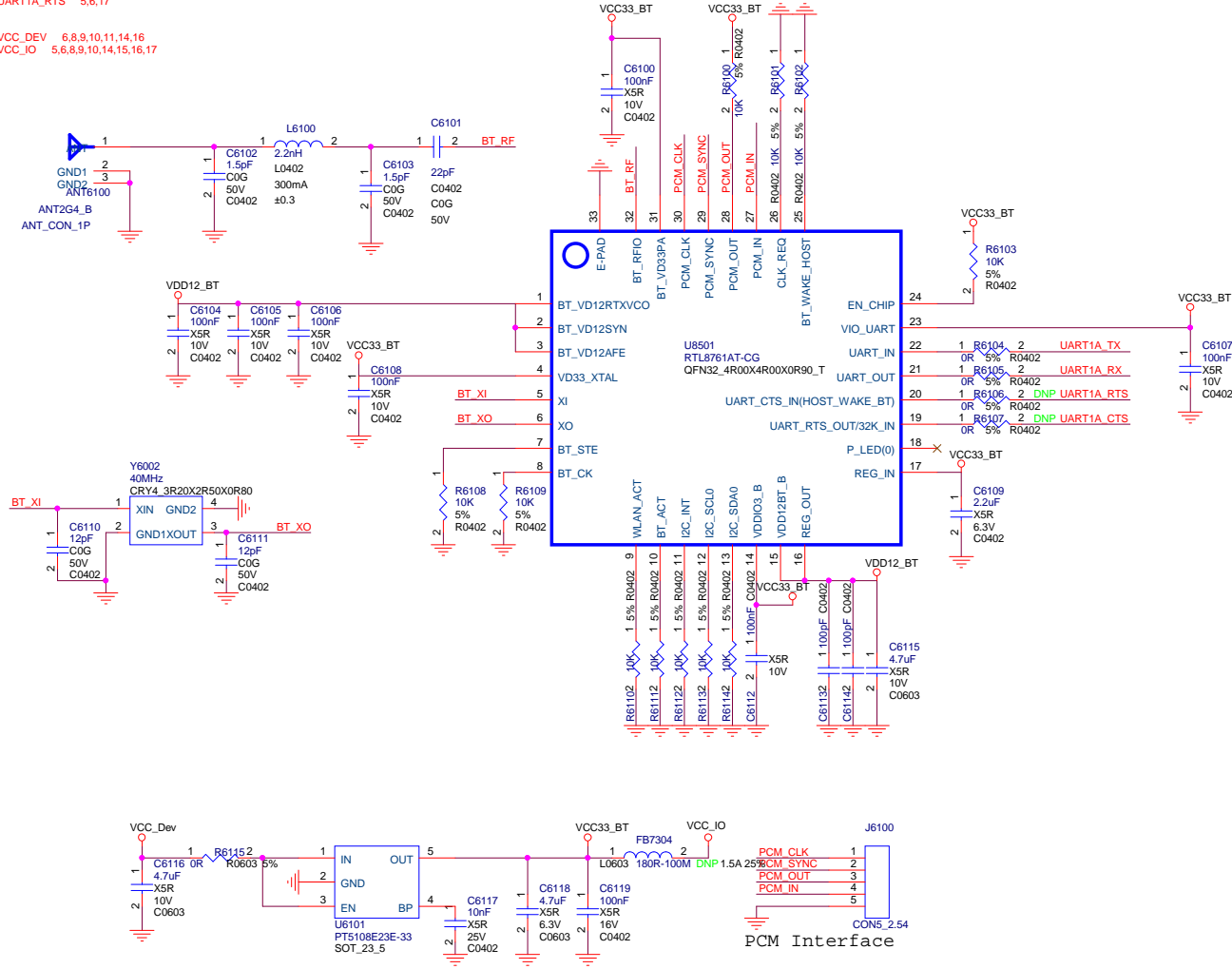
RTC_HYM8563



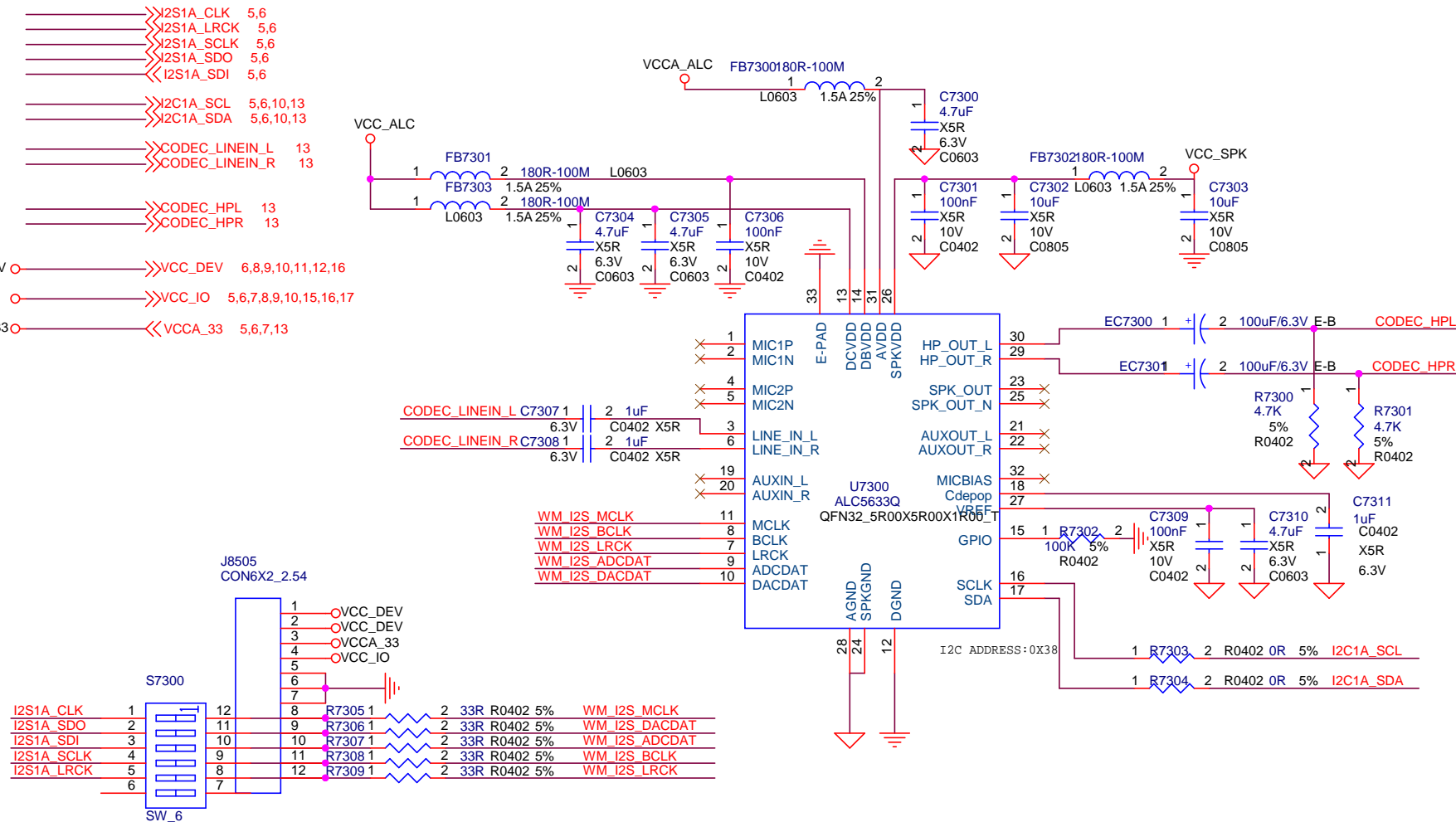
BT_RTL8761

UART1A_RX 5,6,17
 UART1A_TX 5,6,17
 UART1A_CTS 5,6,17
 UART1A_RTS 5,6,17

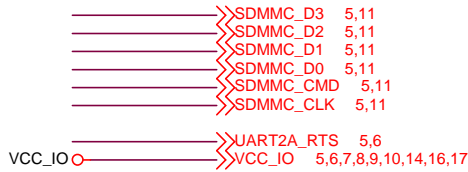
VCC_DEV 6,8,9,10,11,14,16
 VCC_IO 5,6,8,9,10,14,15,16,17



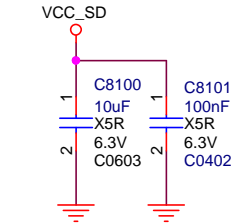
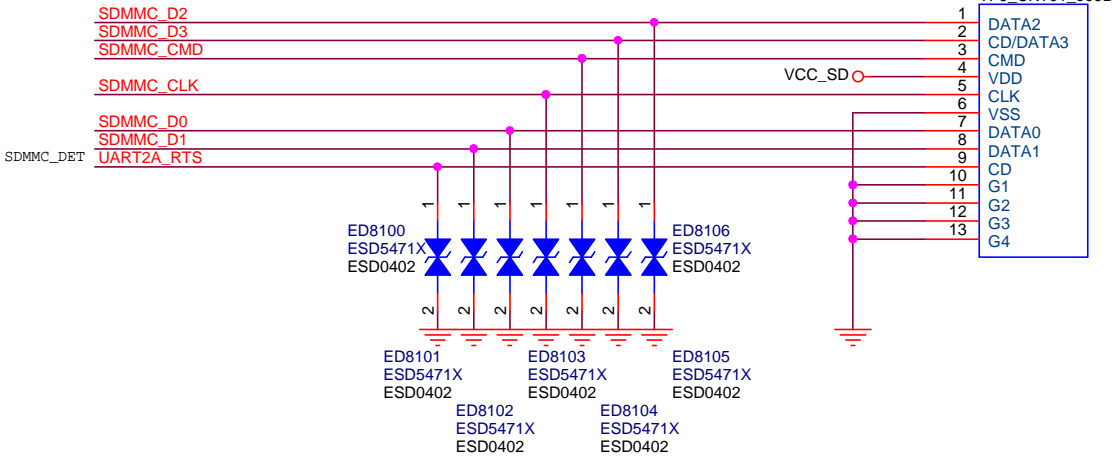
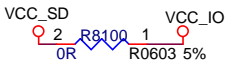
_____	>>>	I2S1A_CLK	5,6
_____	>>>	I2S1A_LRCK	5,6
_____	>>>	I2S1A_SCLK	5,6
_____	>>>	I2S1A_SDO	5,6
_____	<<<	I2S1A_SDI	5,6



TF Card

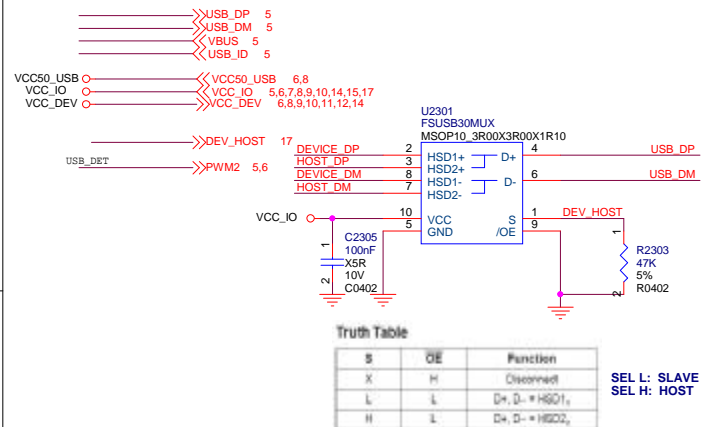


Close to TF Card

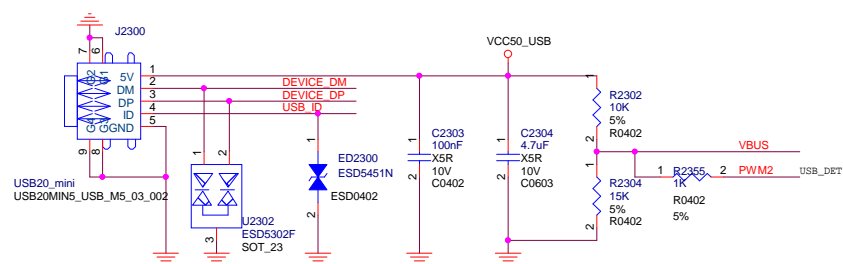


Close to TF Card

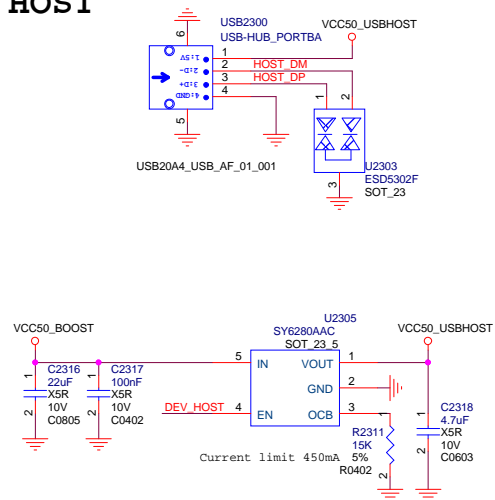
USB Switch



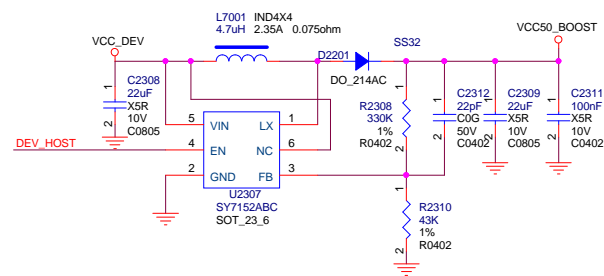
USB DEVICE



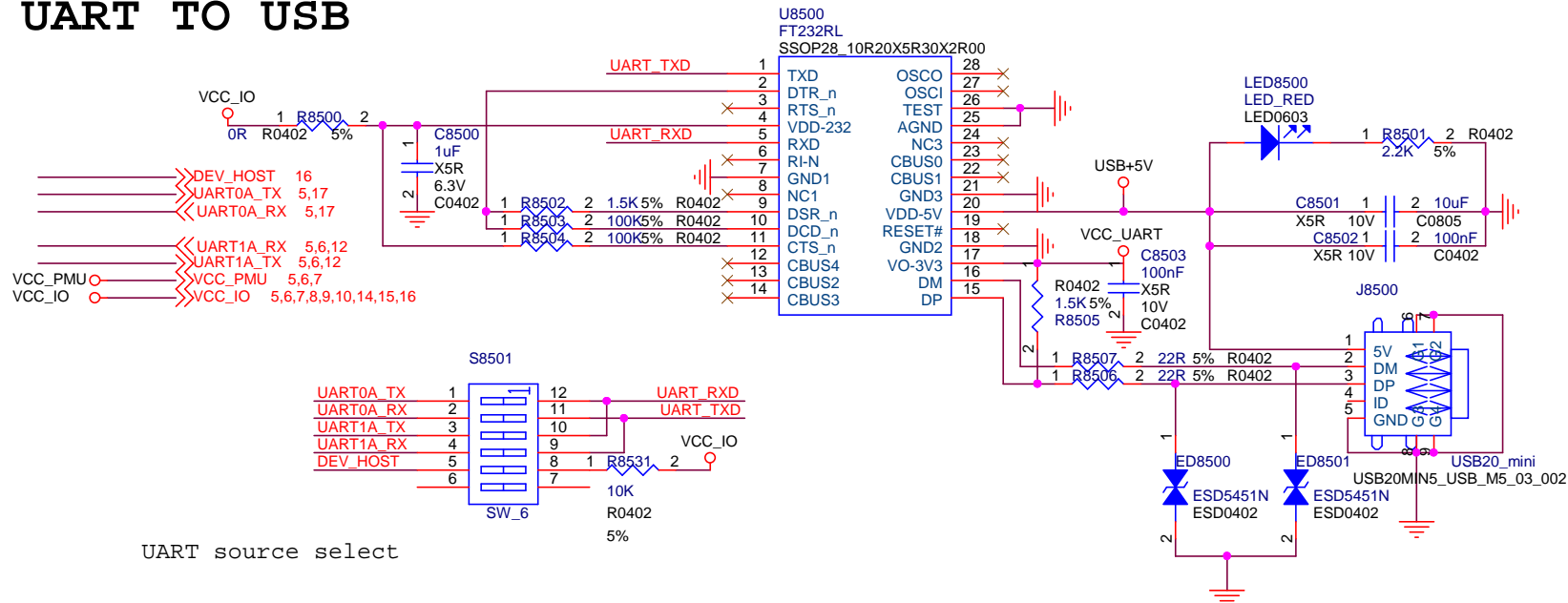
USB HOST



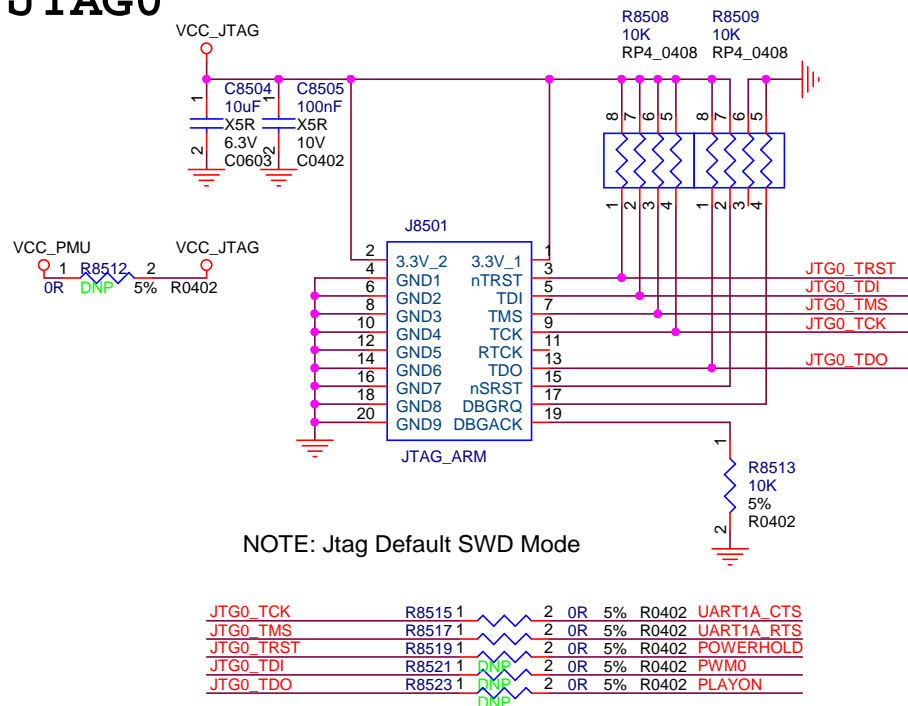
USB POWER



UART TO USB



JTAG0



JTAG1

