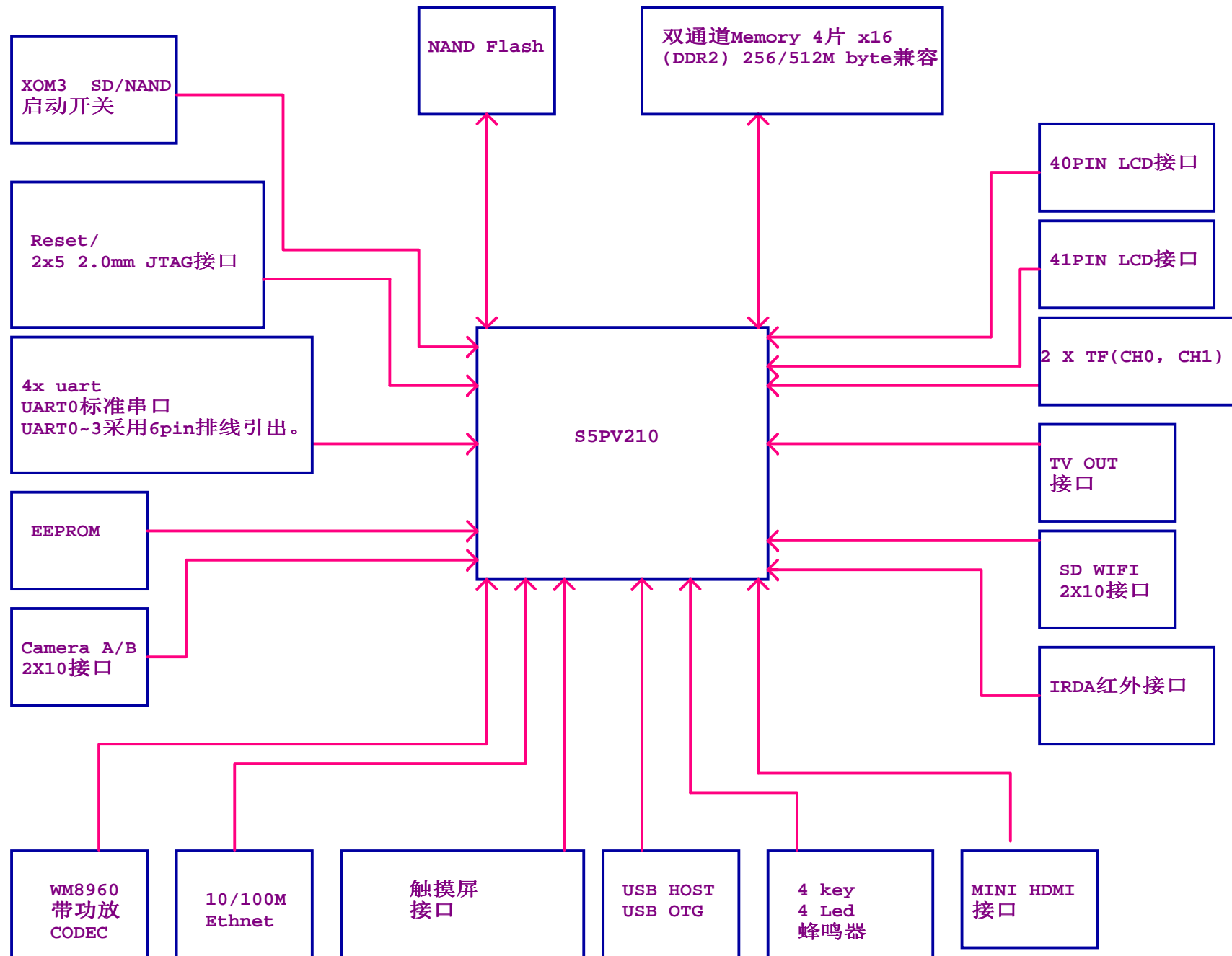


Revision History

Revision	Date	Comments
1.0	2011-9-1	发布版本
1.0	2011-11-25	修改为单通道内存 CON3 CON4由6PIN的改为4pin的

Index

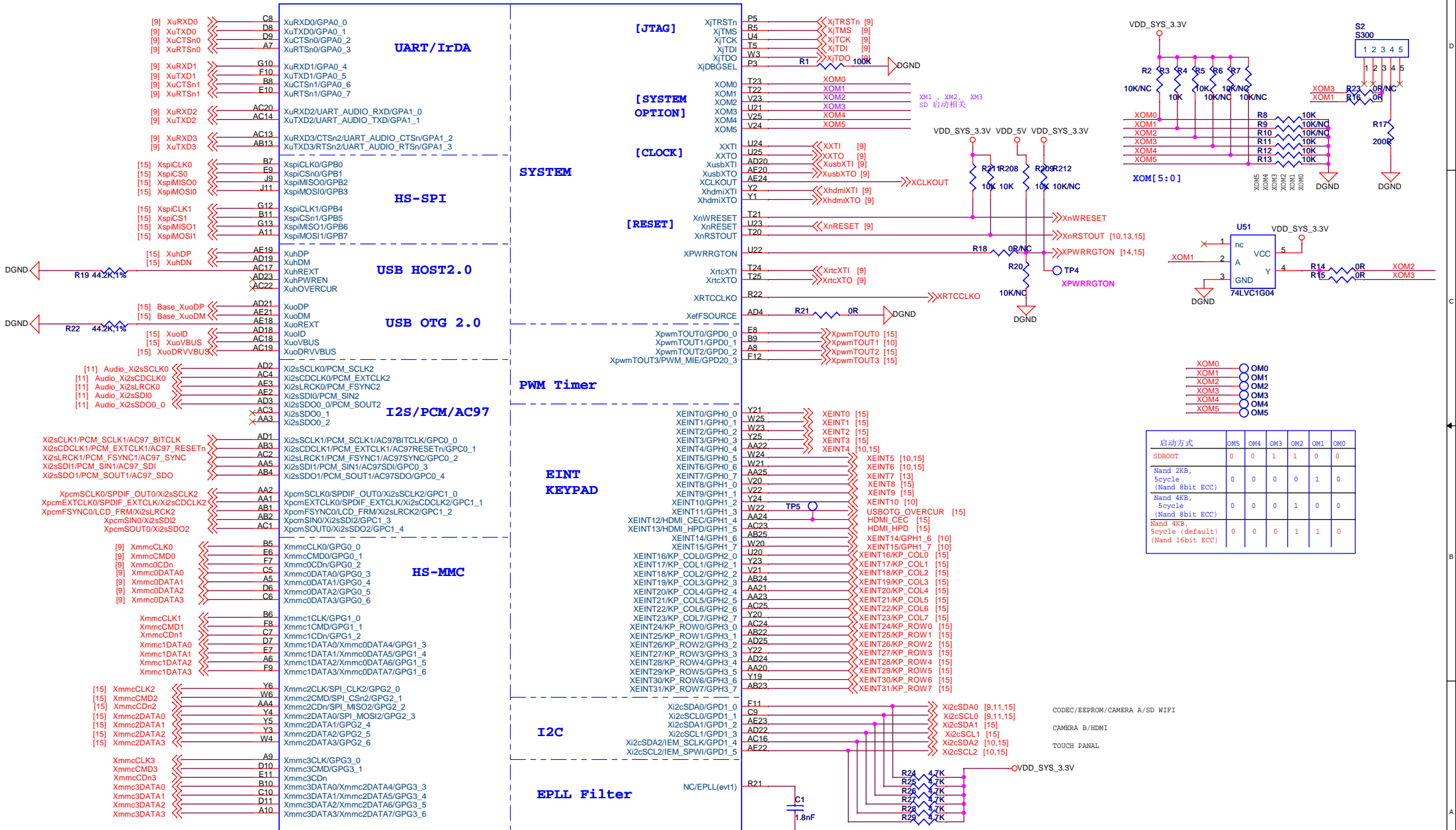
01:Revision History and Index	1
02:Function Block Diagram	2
03:S5PV210 (SYS)/Boot Option	3
04:S5PV210 (Memory)	4
05:S5PV210 (Media)	5
06:S5PV210 (Power)	6
07:NAND Flash	7
08:Memory(DDR2)	8
09:Reset/JTAG/AD/EEPROM/UARTS/SD/Clock	9
10:LCD Interface/MIPI	10
11:Audio	11
12:Ethnet	12
13:System Power	13
14: Board connector	14
15:ID Mark/Fixed Hold	15



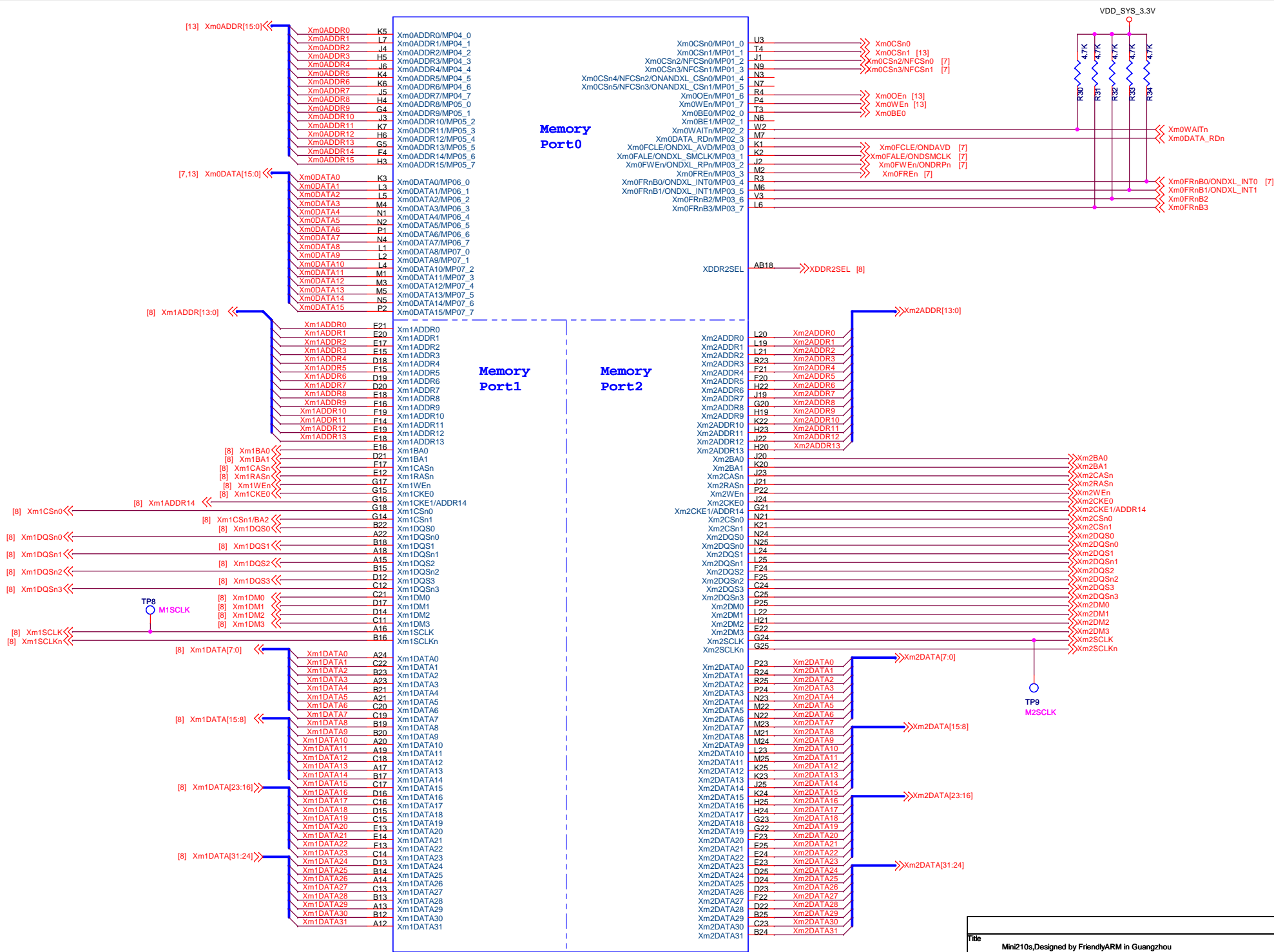
Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	Function Block Diagram	
Date:	Saturday, May 19, 2012	Sheet 2 of 15

BootingMode Option

U1A

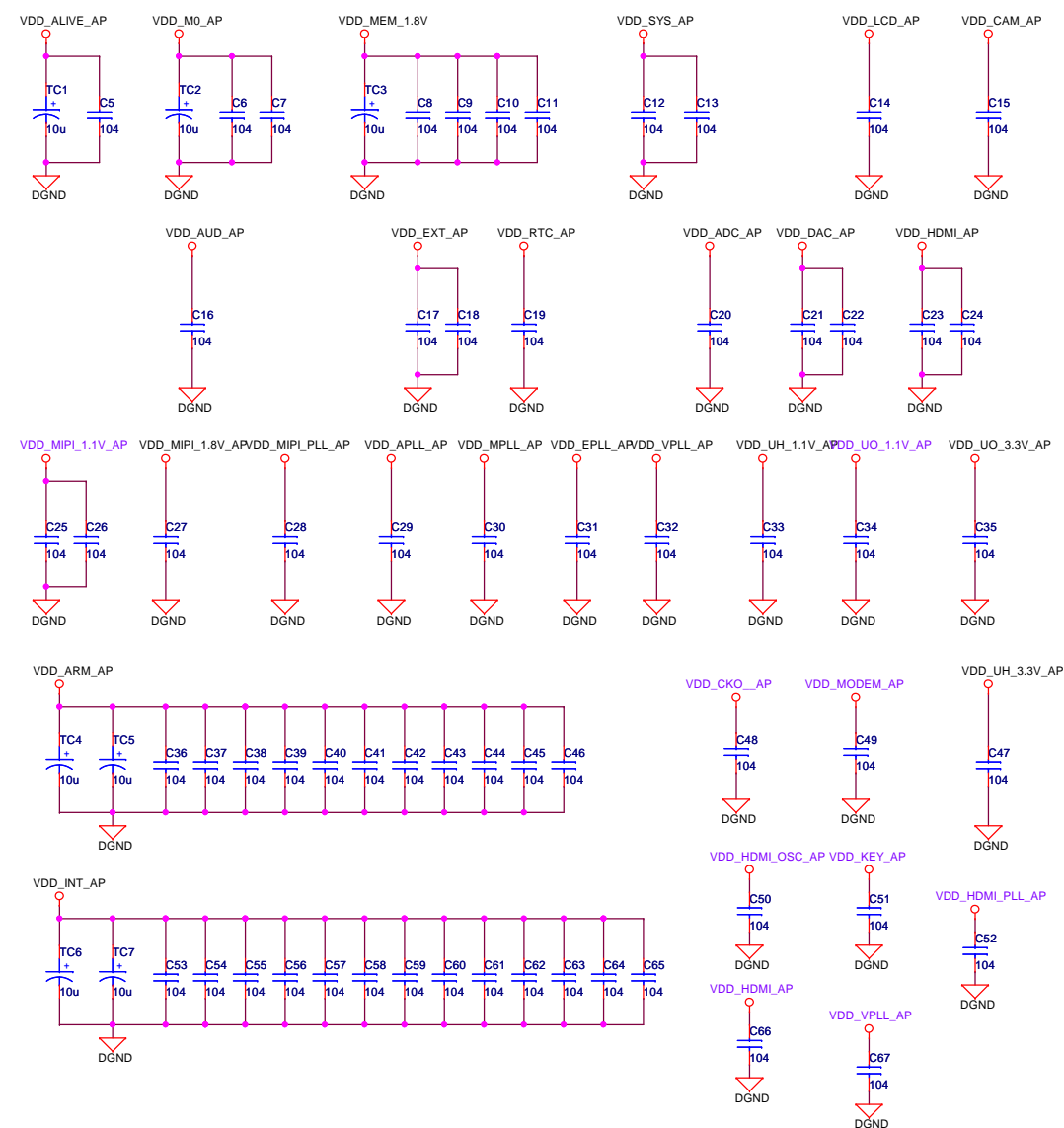
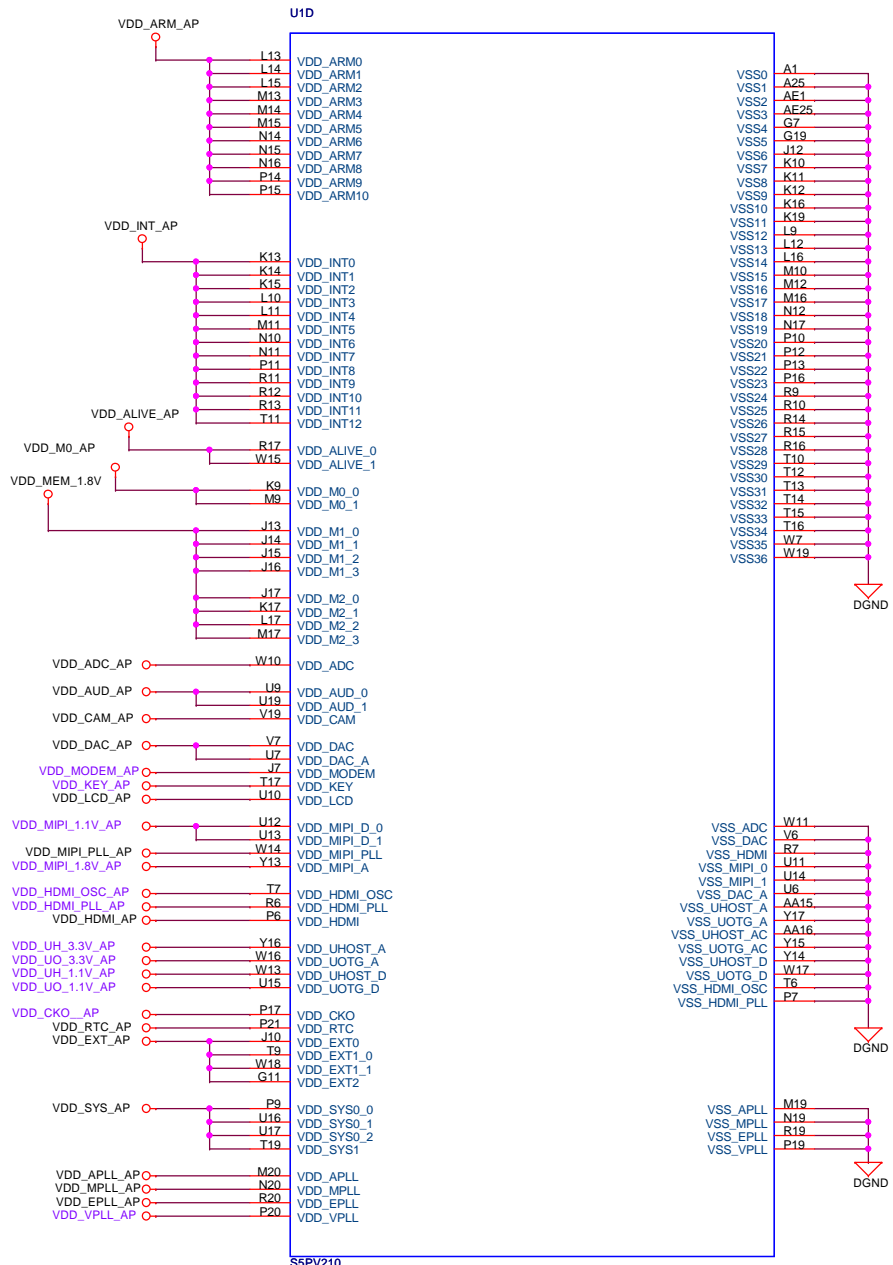


启动方式	OM5	OM4	OM3	OM2	OM1	OM0
SDBOOT	0	0	1	1	0	0
Nand 2KB, Scycle (Nand 8bit ECC)	0	0	0	0	1	0
Nand 4KB, Scycle (Nand 8bit ECC)	0	0	0	1	0	0
Nand 4KB, Scycle (default) (Nand 16bit ECC)	0	0	0	1	1	0

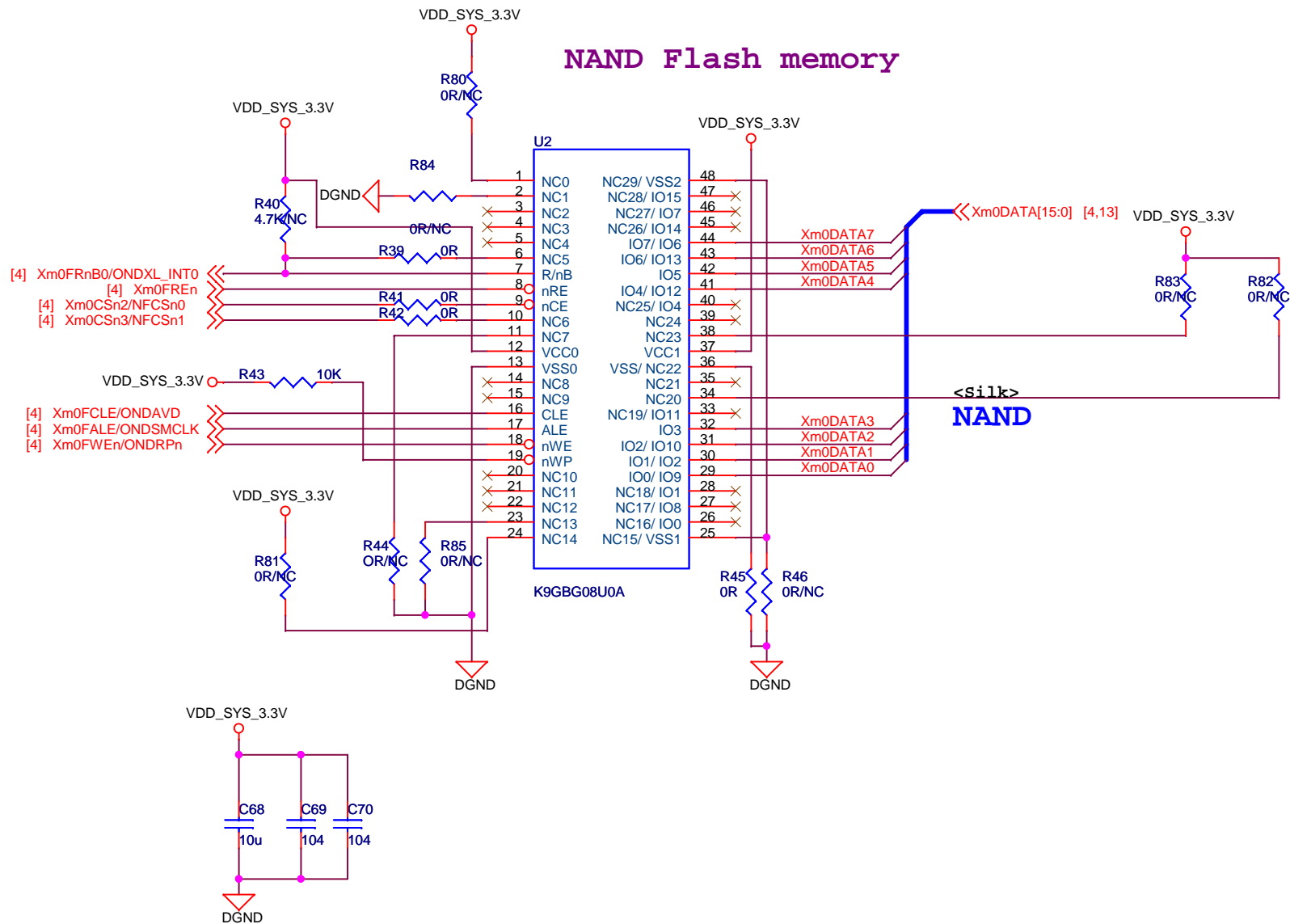


Title		Mini210s, Designed by FriendlyARM in Guangzhou	
Size	A3	Document Number	SSPV210 (Memory)
Date:	Saturday, May 19, 2012	Sheet	4 of 15

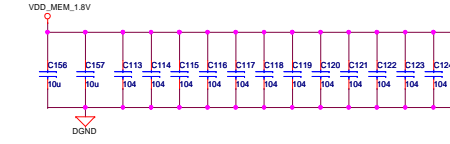
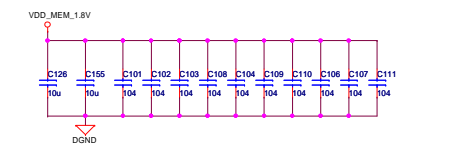
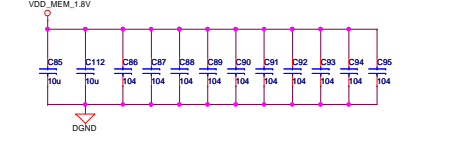
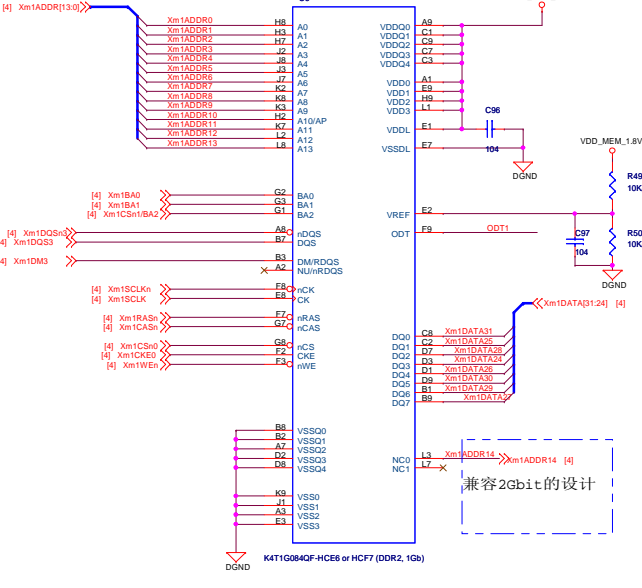
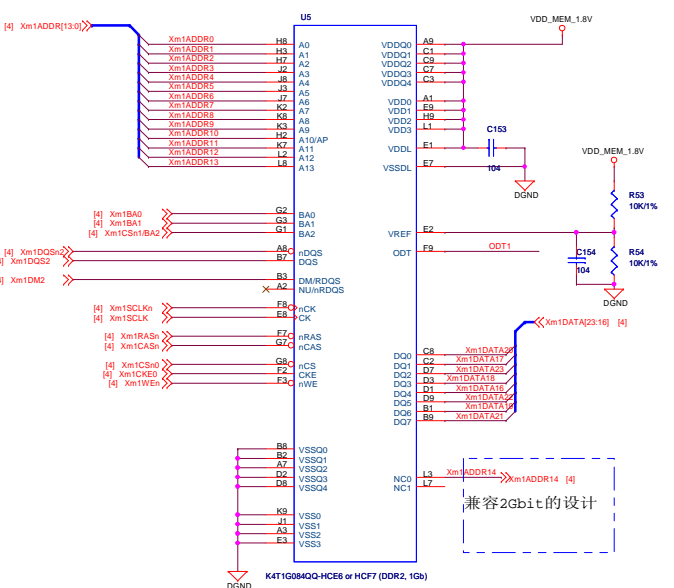
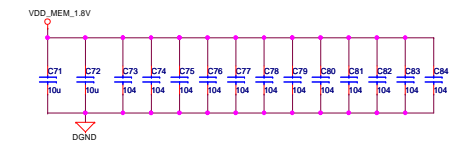
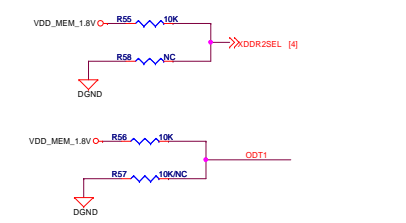
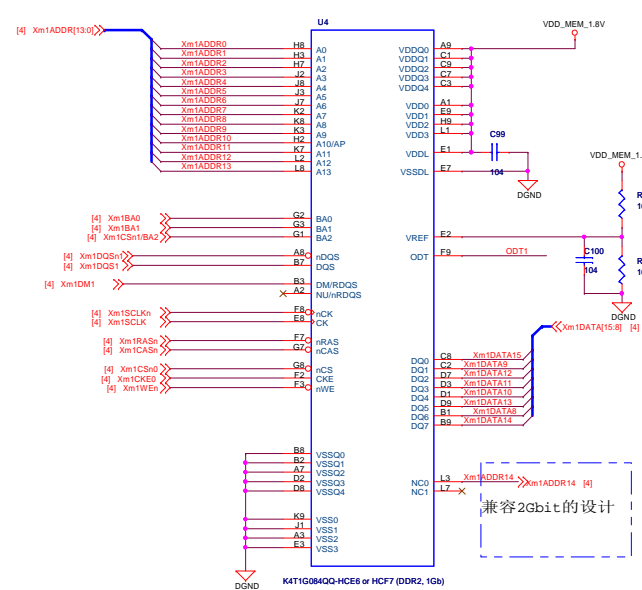
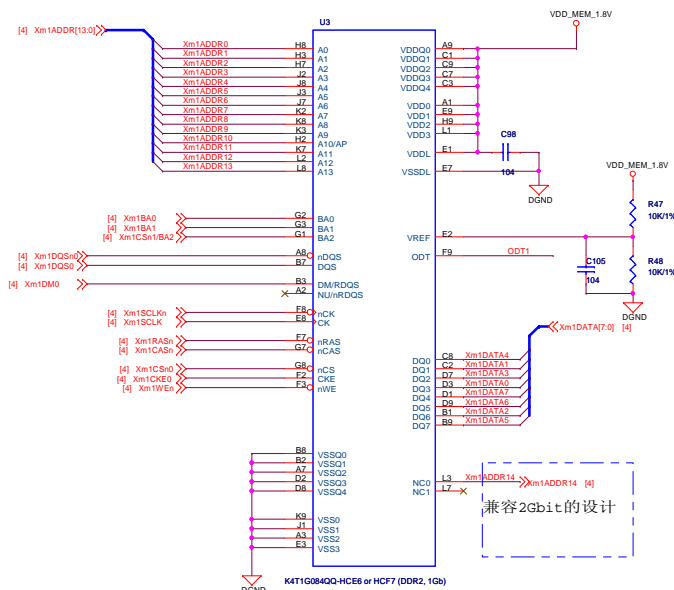
SSPV210 U1B



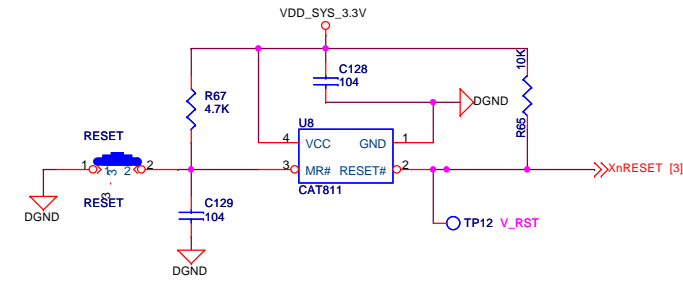
Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	S5PV210 (Power)	
Date:	Saturday, May 19, 2012	Sheet 6 of 15



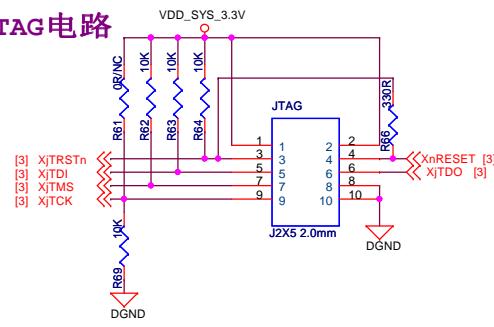
Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A4	NAND Flash	
Date:	Saturday, May 19, 2012	Sheet 7 of 15



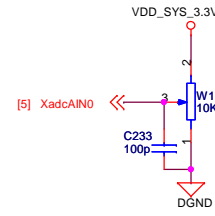
复位电路



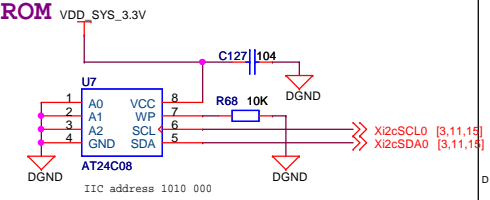
JTAG电路



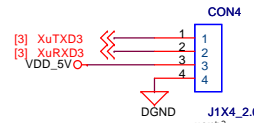
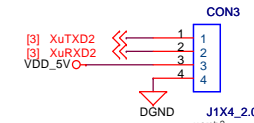
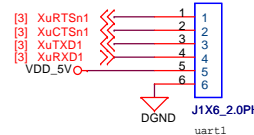
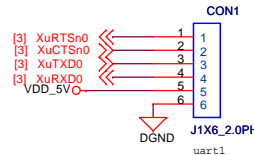
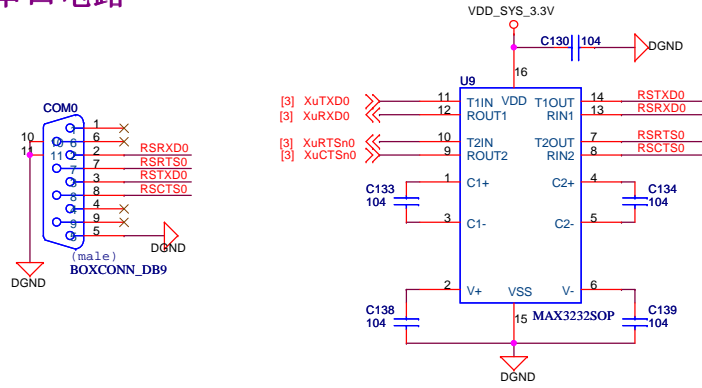
AD CONVERT



EEPROM

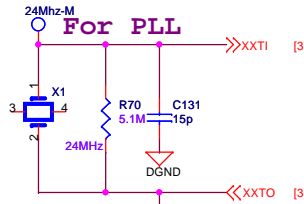


串口电路

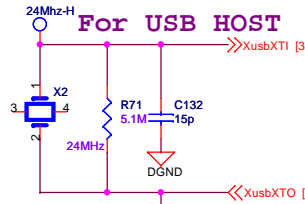


CON3 CON4由6PIN的改为4pin的

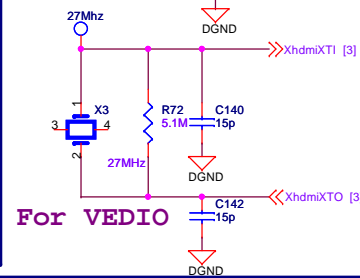
For PLL



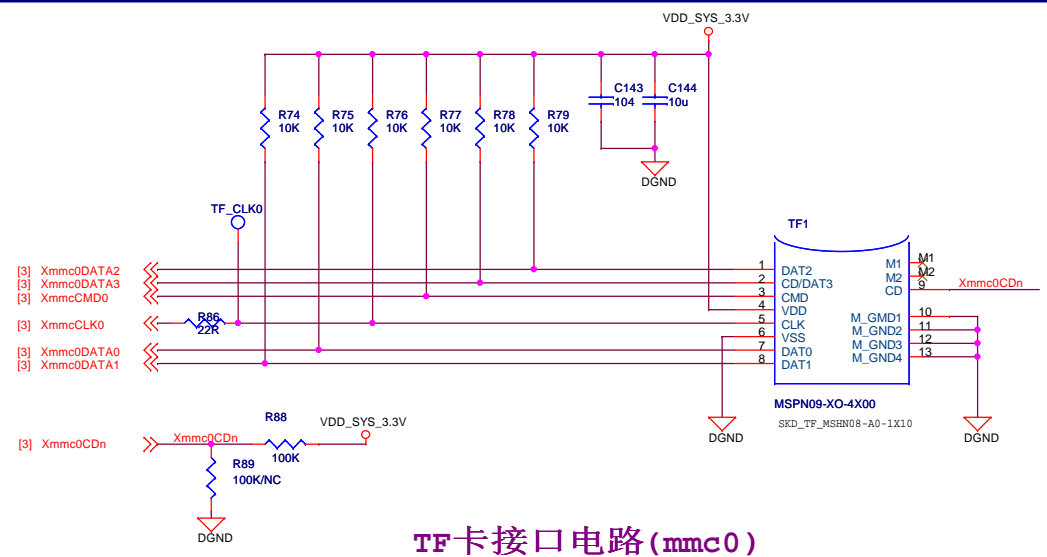
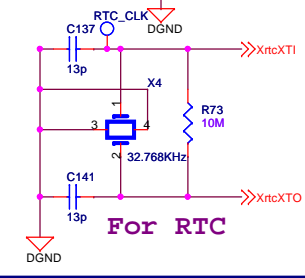
For USB HOST



For VEDIO



For RTC

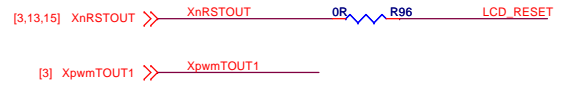
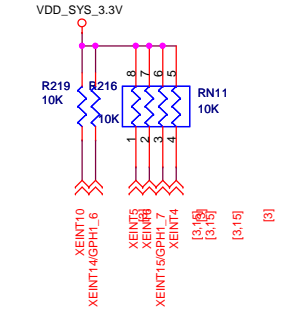
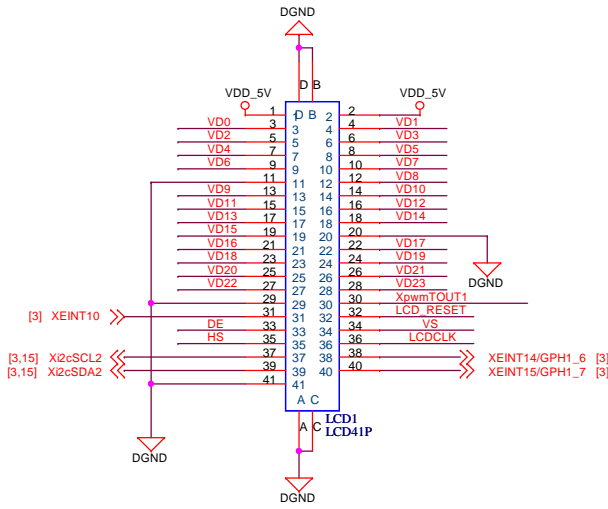
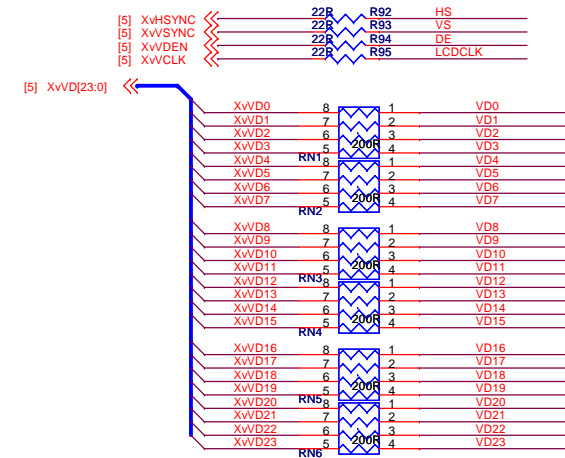


TF卡接口电路(mmc0)

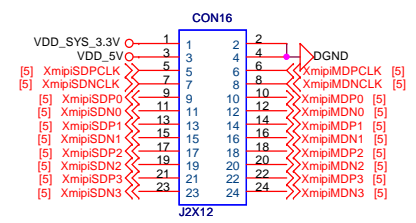
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广州友善之臂计算机科技有限公司

Title		
Mini210s,Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	RST/JTAG/TF/Usb/EEPROM/CLK	
Date:	Saturday, May 19, 2012	Sheet 9 of 15

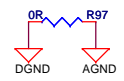
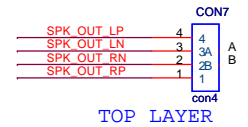
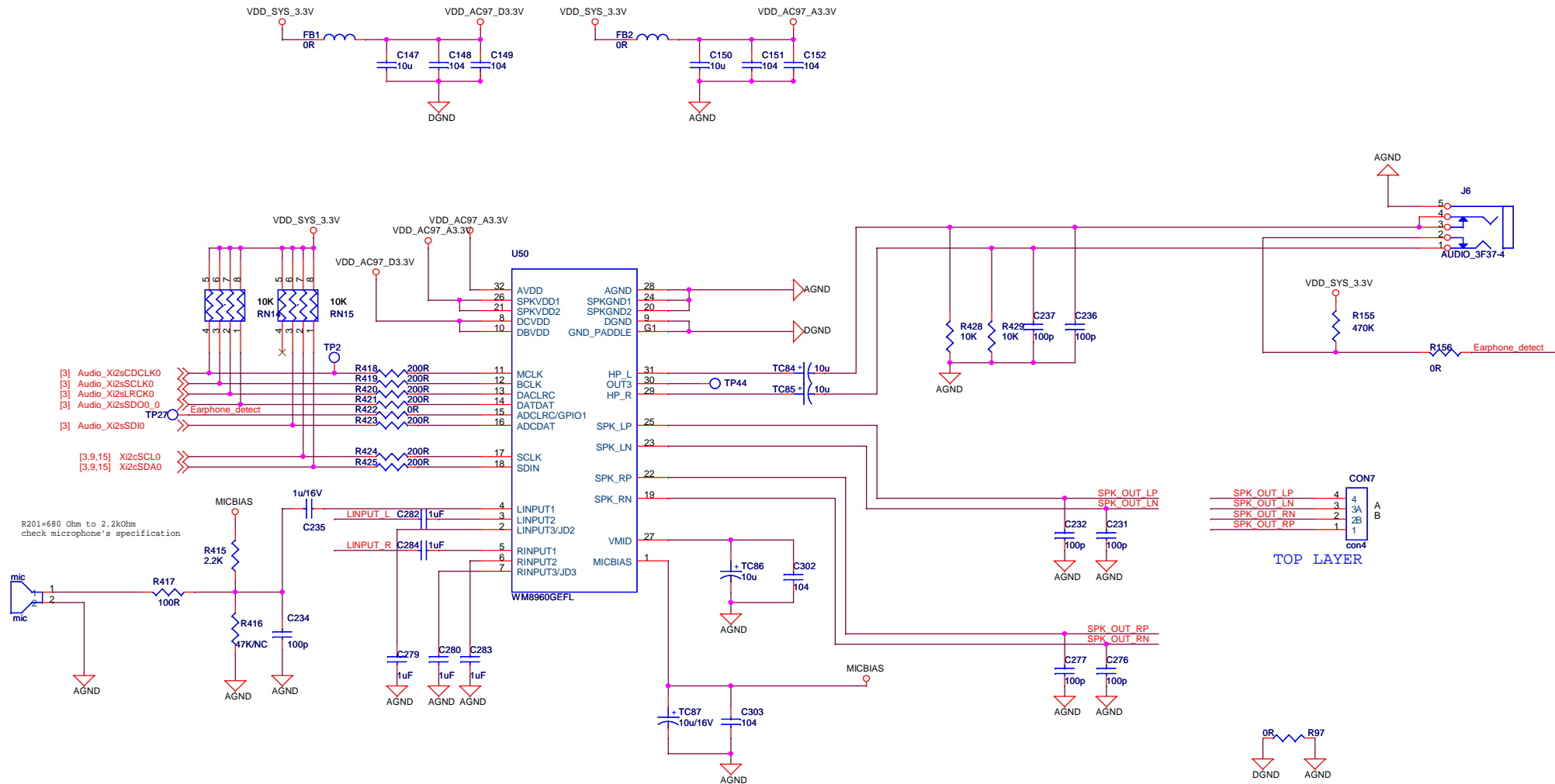
LCD 接口



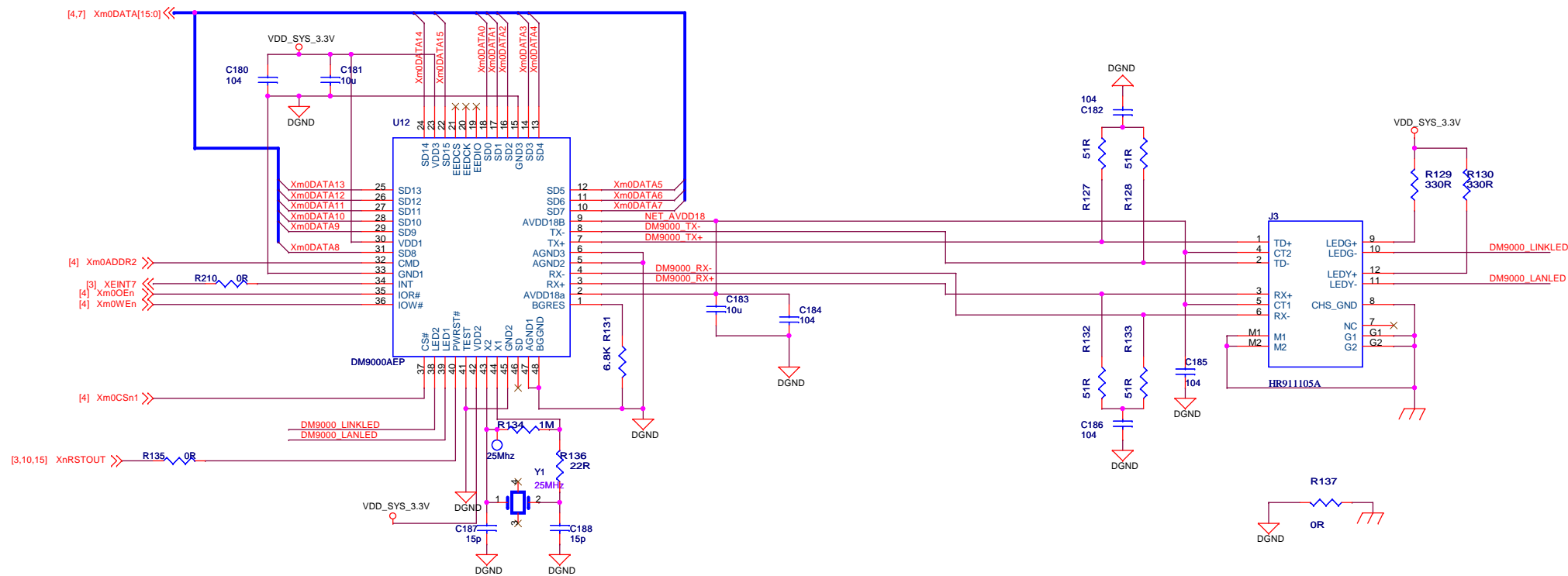
MIPI 接口



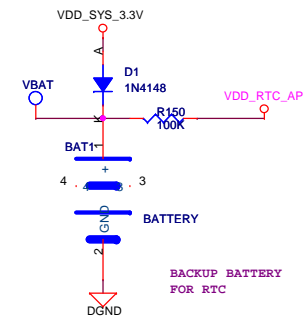
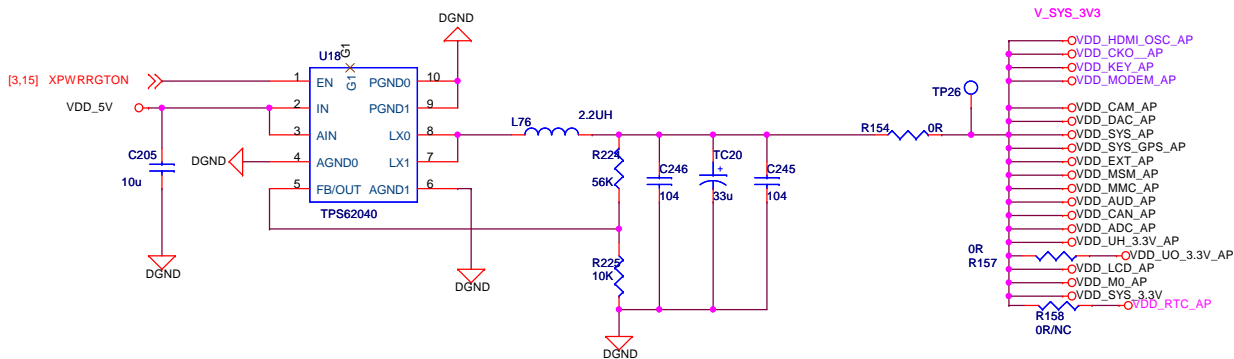
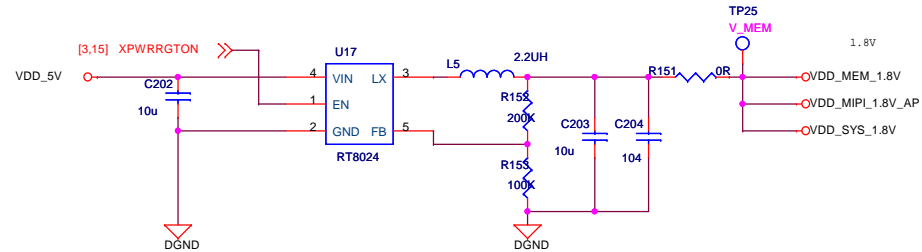
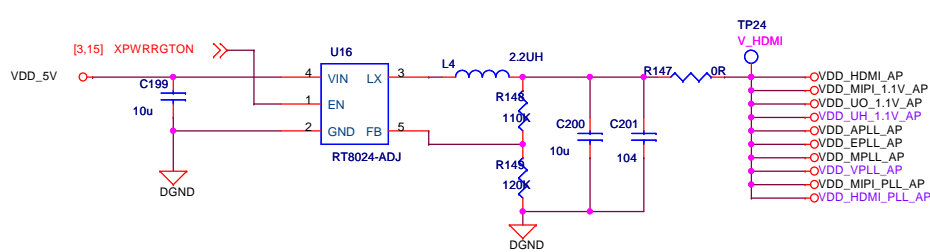
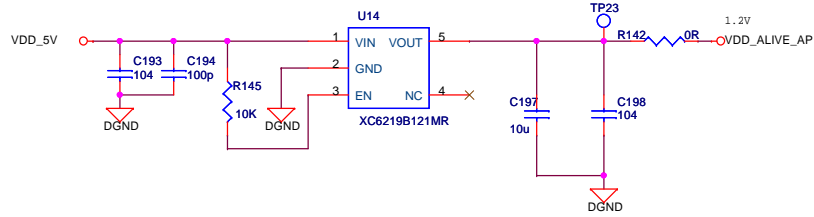
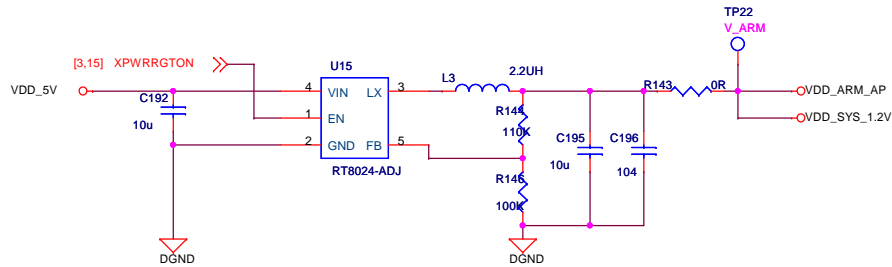
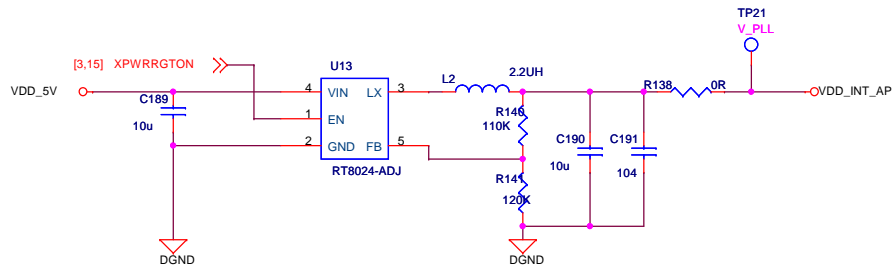
Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	LCD Interface/MIPI	
Date:	Saturday, May 19, 2012	Sheet 10 of 15



Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	Audio	
Date:	Saturday, May 19, 2012	Sheet 11 of 15

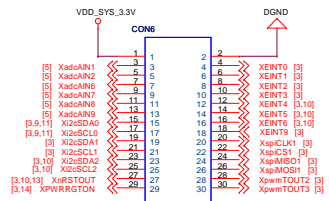


Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	Ethnet	
Date:	Saturday, May 19, 2012	Sheet 12 of 15

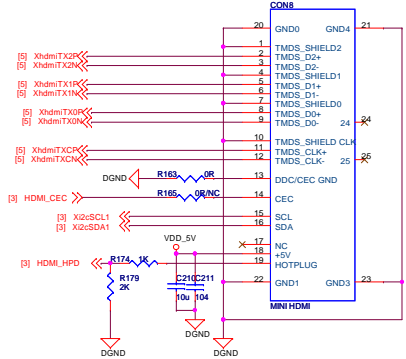


Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	System Power	
Date:	Saturday, May 19, 2012	Sheet 13 of 15

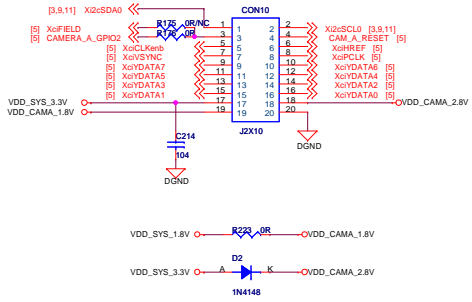
GPIO PORT



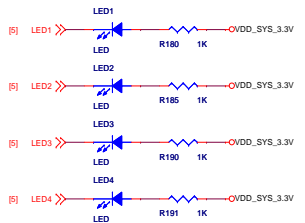
MINI HDMI接口电路



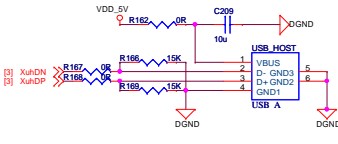
CAMERA A



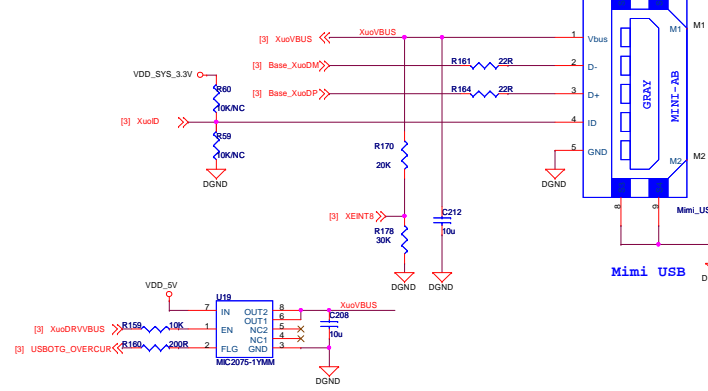
LED x 4



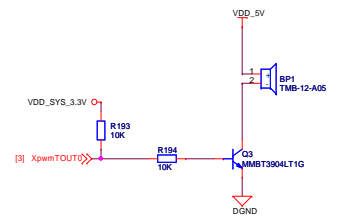
USB HOST2.0



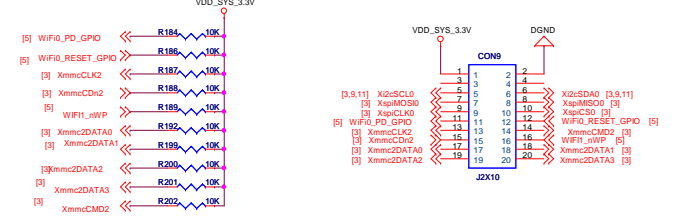
USB2.0 OTG



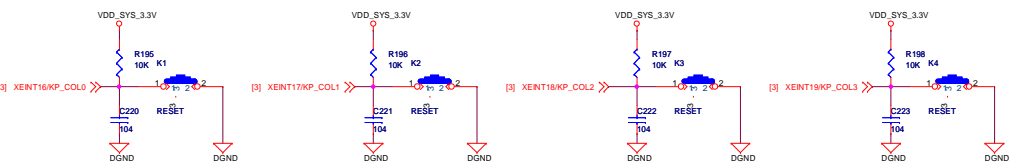
蜂鸣器



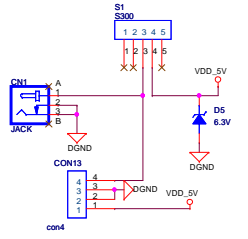
SD WIFI



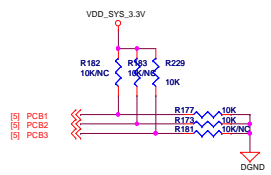
Buttons



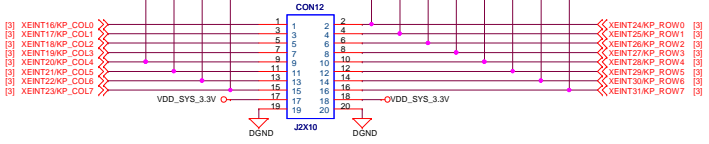
POWER JACK

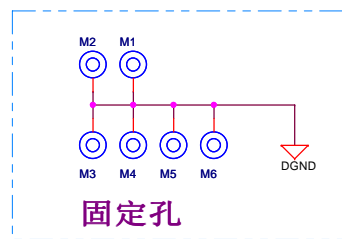
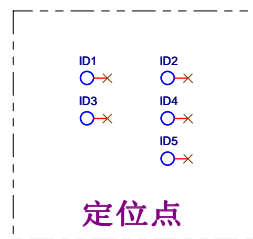


PCB 版本控制



KEY X 16 Interface





Title		
Mini210s, Designed by FriendlyARM in Guangzhou		
Size	Document Number	Rev
A3	ID Mark/Fixed Hold	
Date:	Saturday, May 19, 2012	Sheet 15 of 15