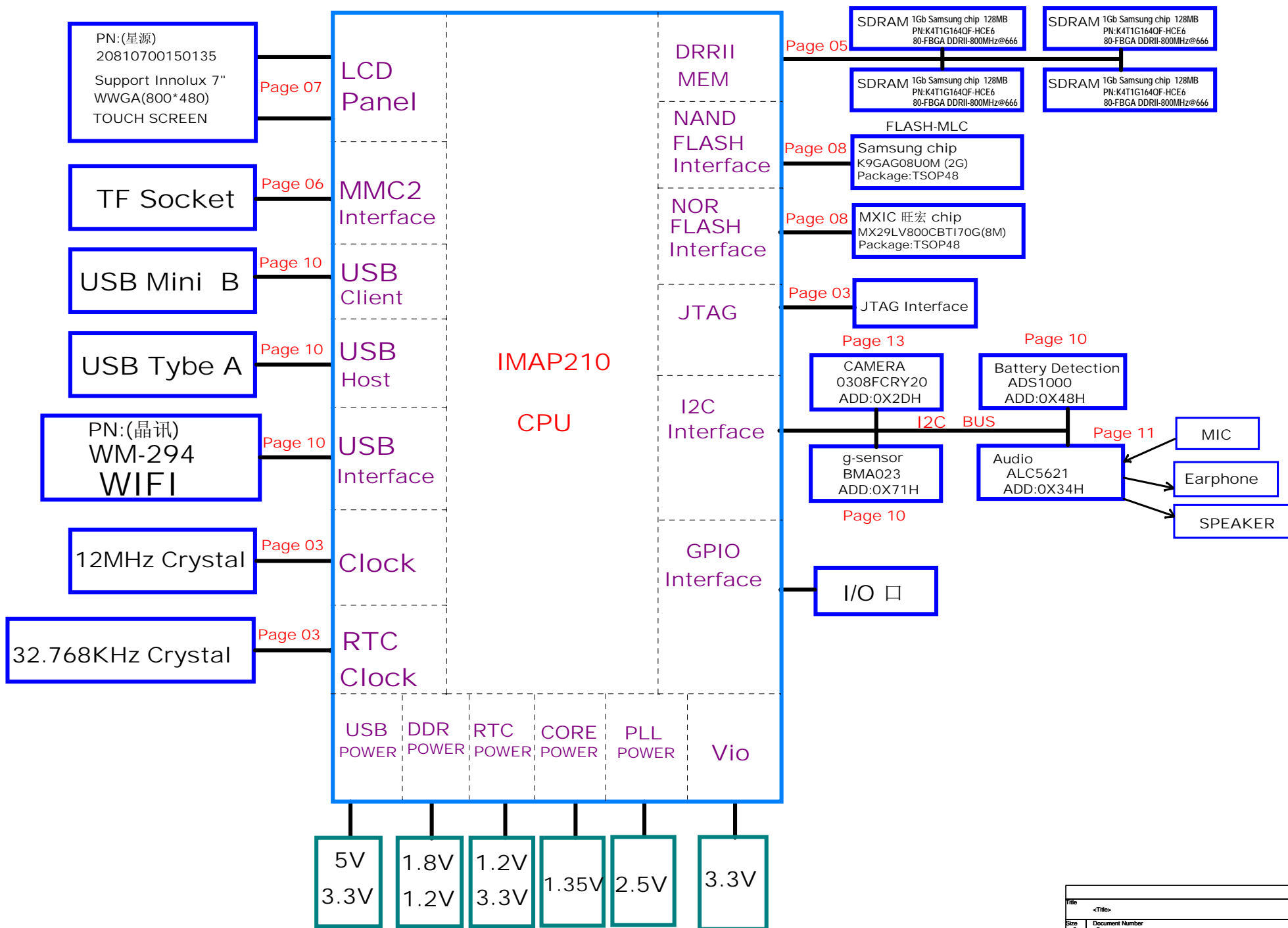
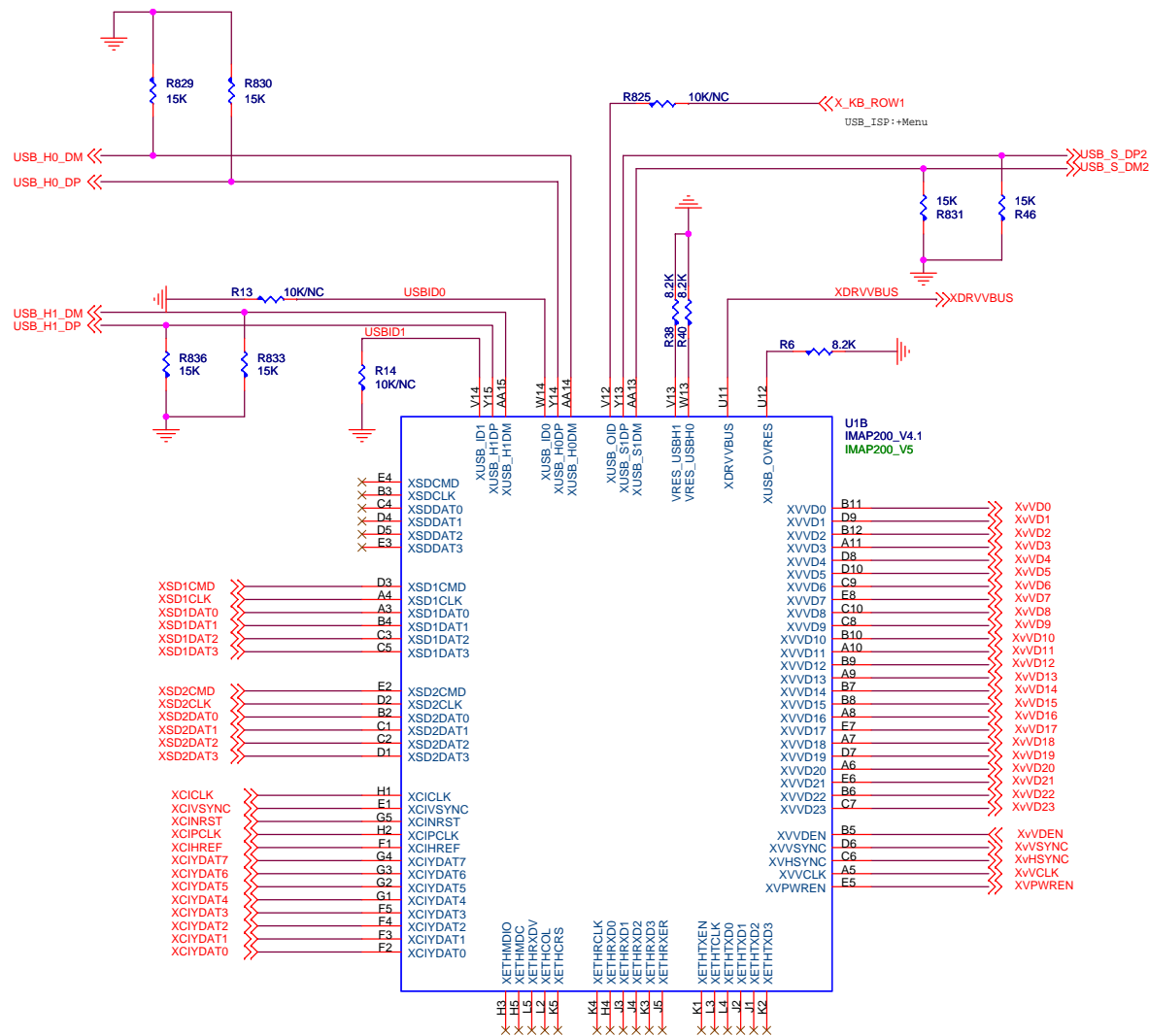


**LEADER GF12**  
*Schematic Revision 1.0*

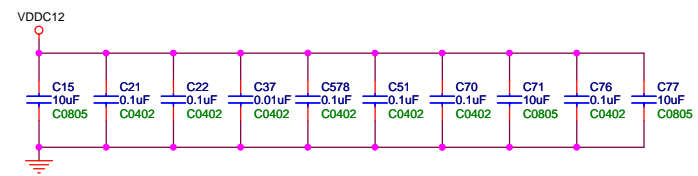
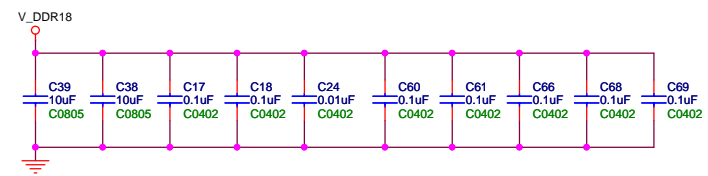
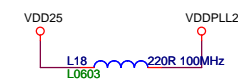
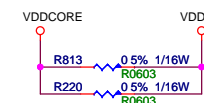
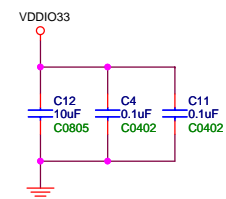
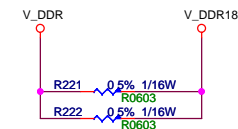
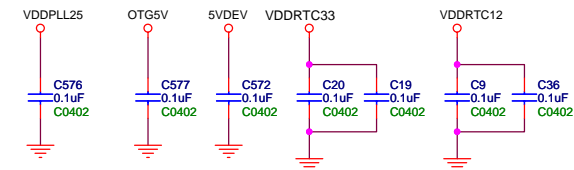
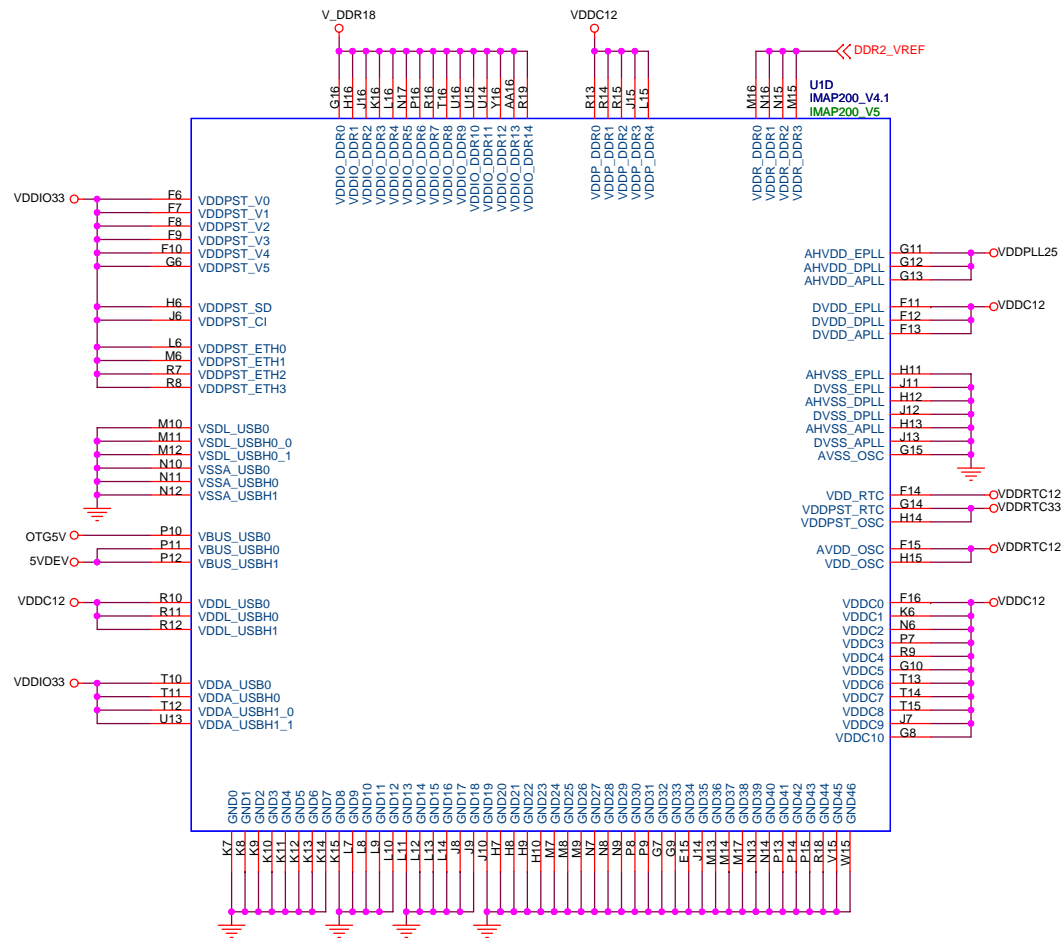
Title	Page
COVER SHEET	0
CPU_DDR_IDE Interface	1
CPU_LCD_USB_CI_SD_ETH Interface	2
CPU_KB_SSI_UART Interface	3
CPU_POWER_GND Interface	4
DDR2	5
TF_TP_CP	6
LCD	7
NAND/iNAND_NOR	8
Audio	9
USB_GSENSOR_WiFi	10
ADPIN_Charger	11
CPU_PWR_RTC	12
CAMERA	13
KEY_LED	14
SYSTEM ARCHITECTURE	15
REVISION HISTORY	16



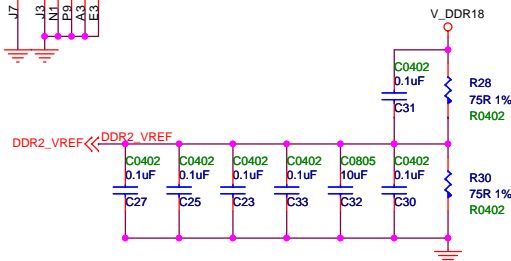
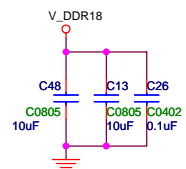
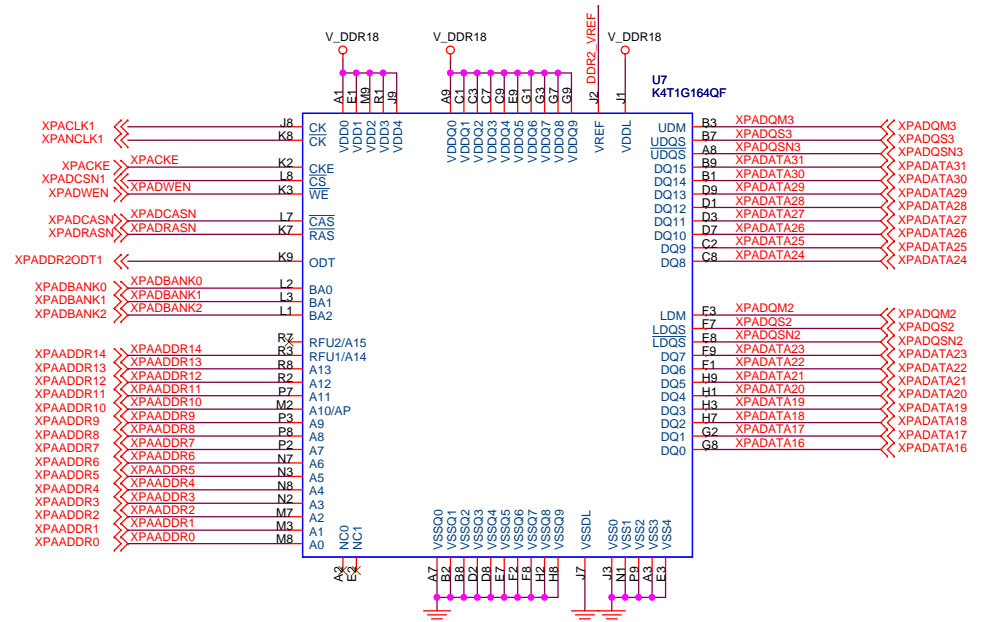
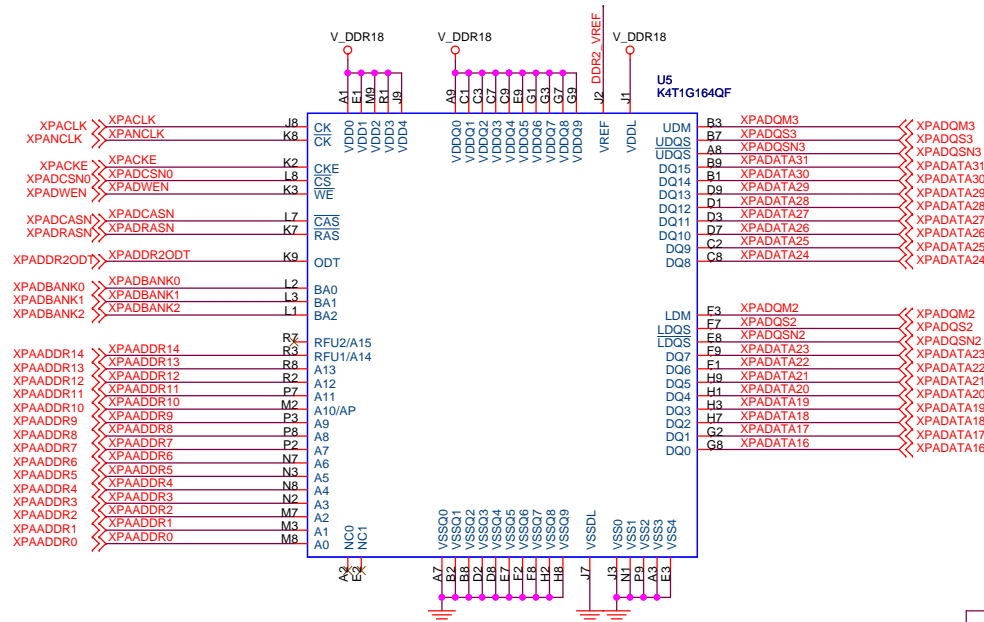
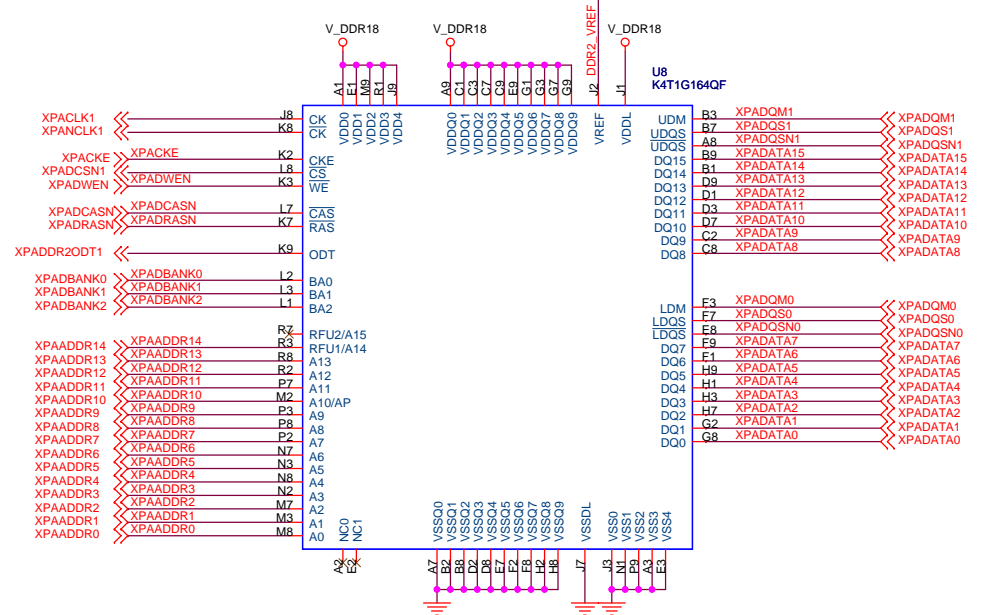
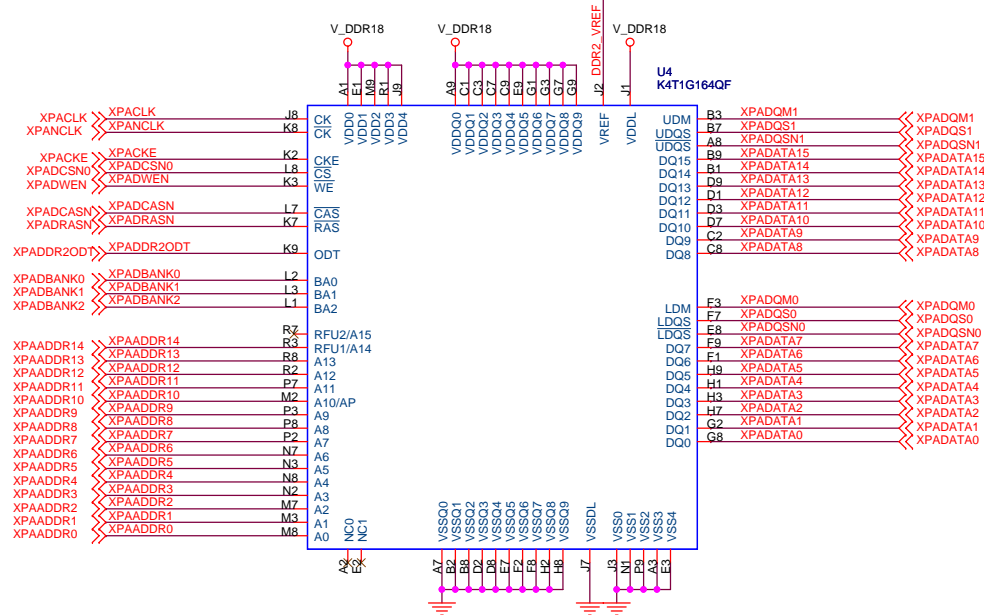


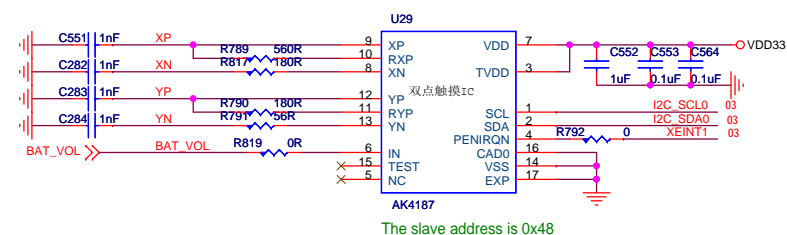
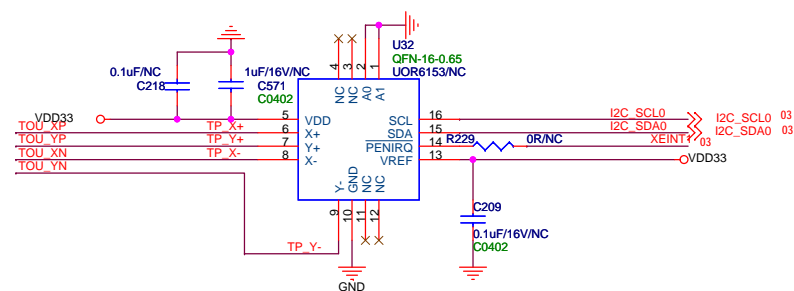
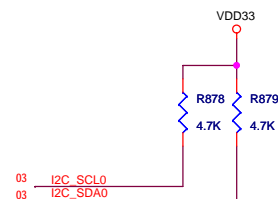
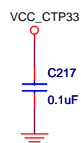






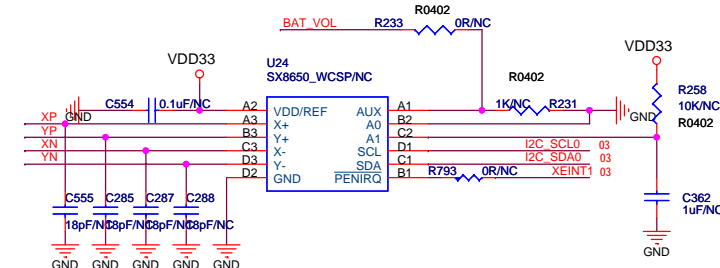
Title		
INFOTM IMAPX220 MOBILE INTERNET DEVICE		
Size	Document Number	Rev
A3	IMAP_POWER_GND	0A
Date:	Thursday, July 21, 2011	Sheet 4 of 14





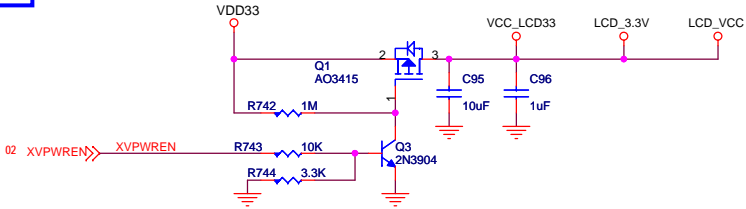
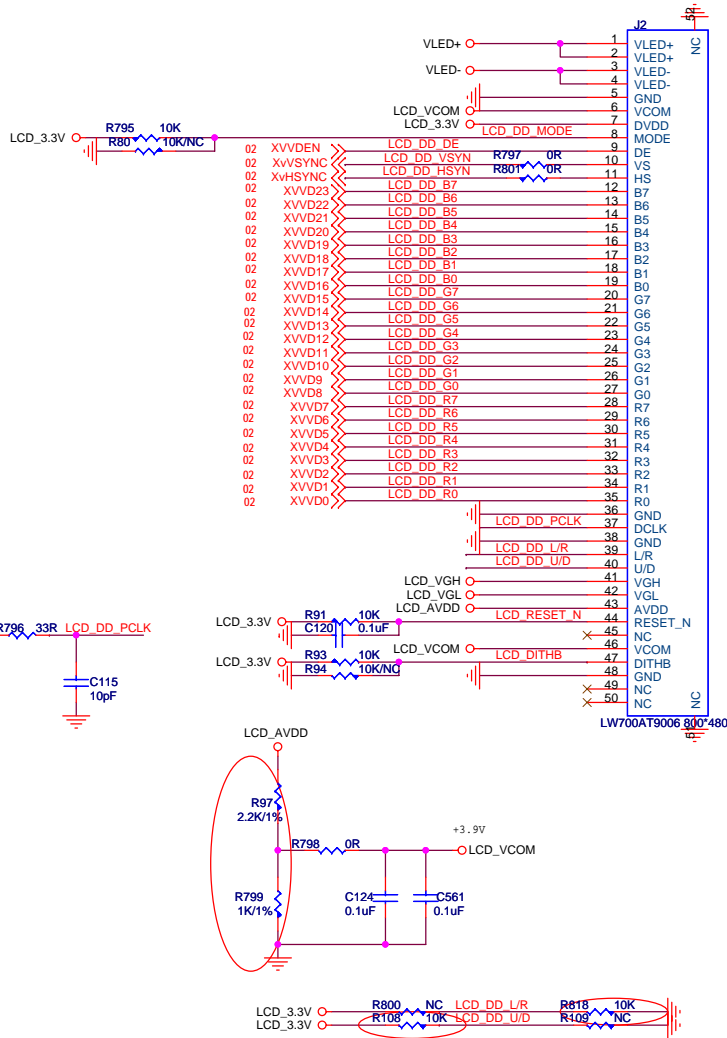
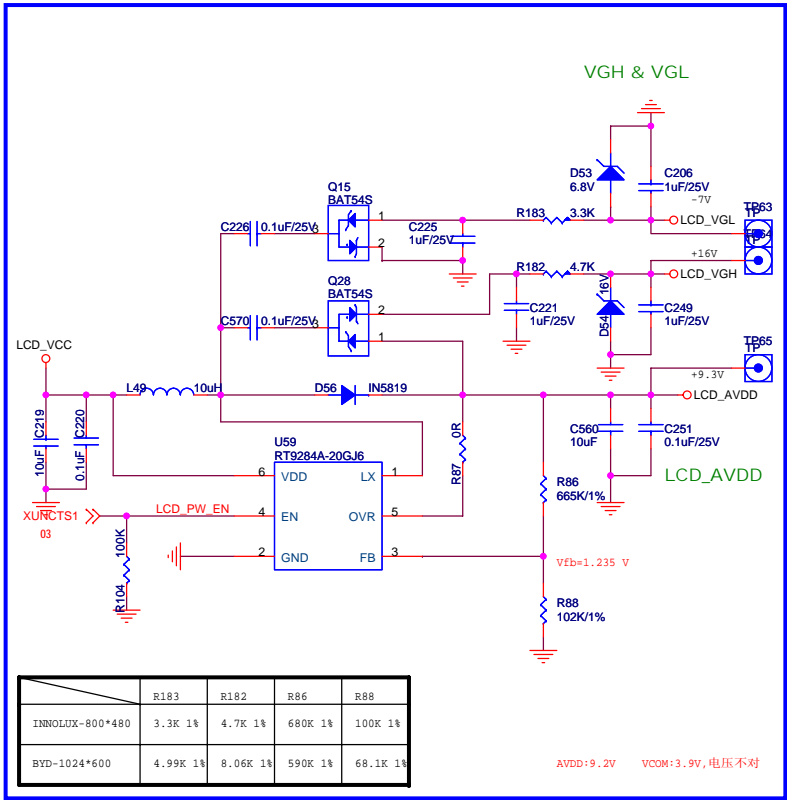
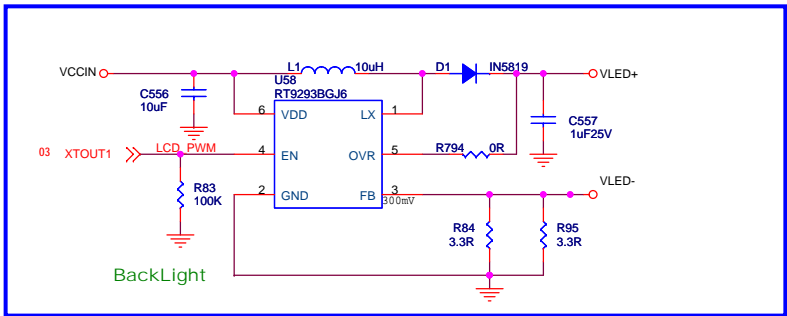
The slave address is 0x48

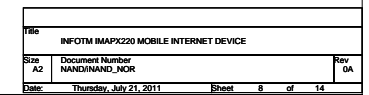
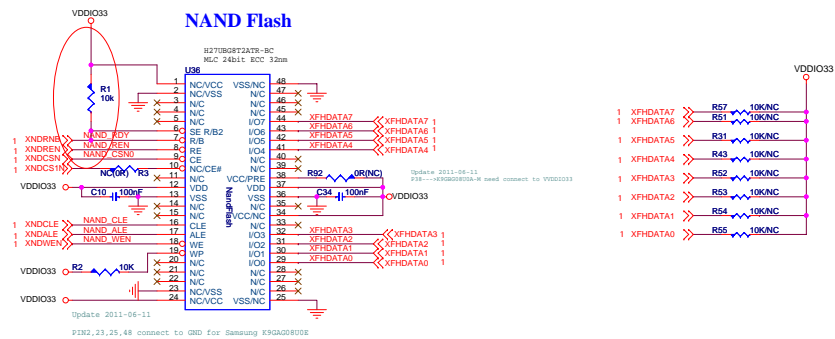
## 2 Point R-TP Control

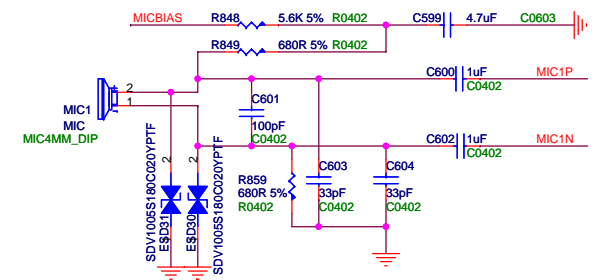
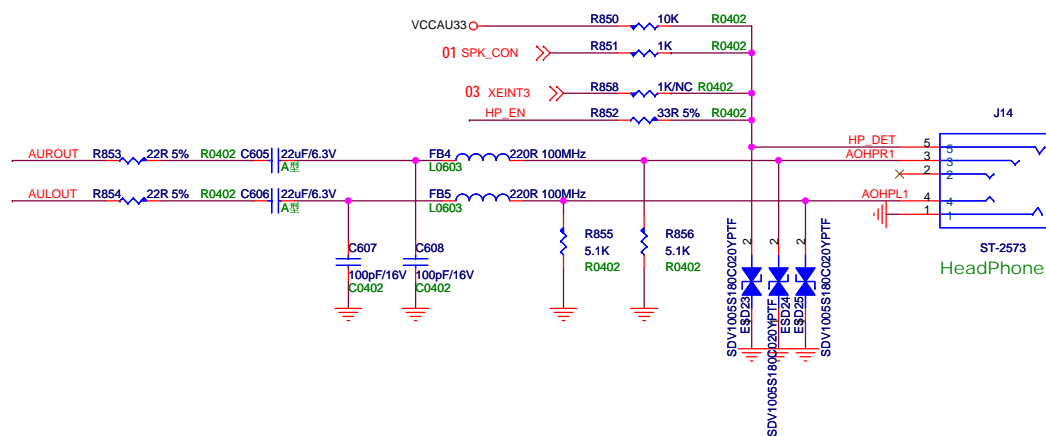
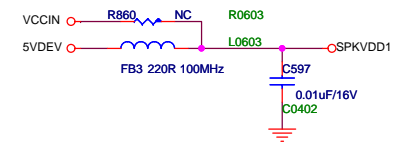
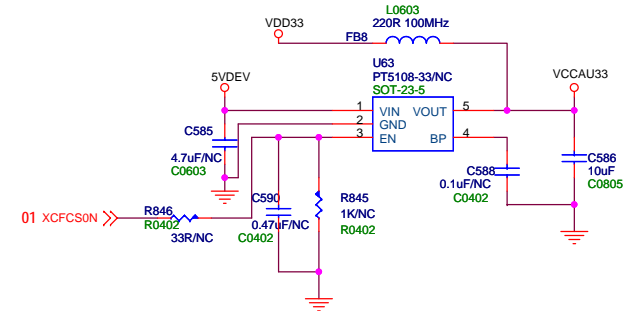
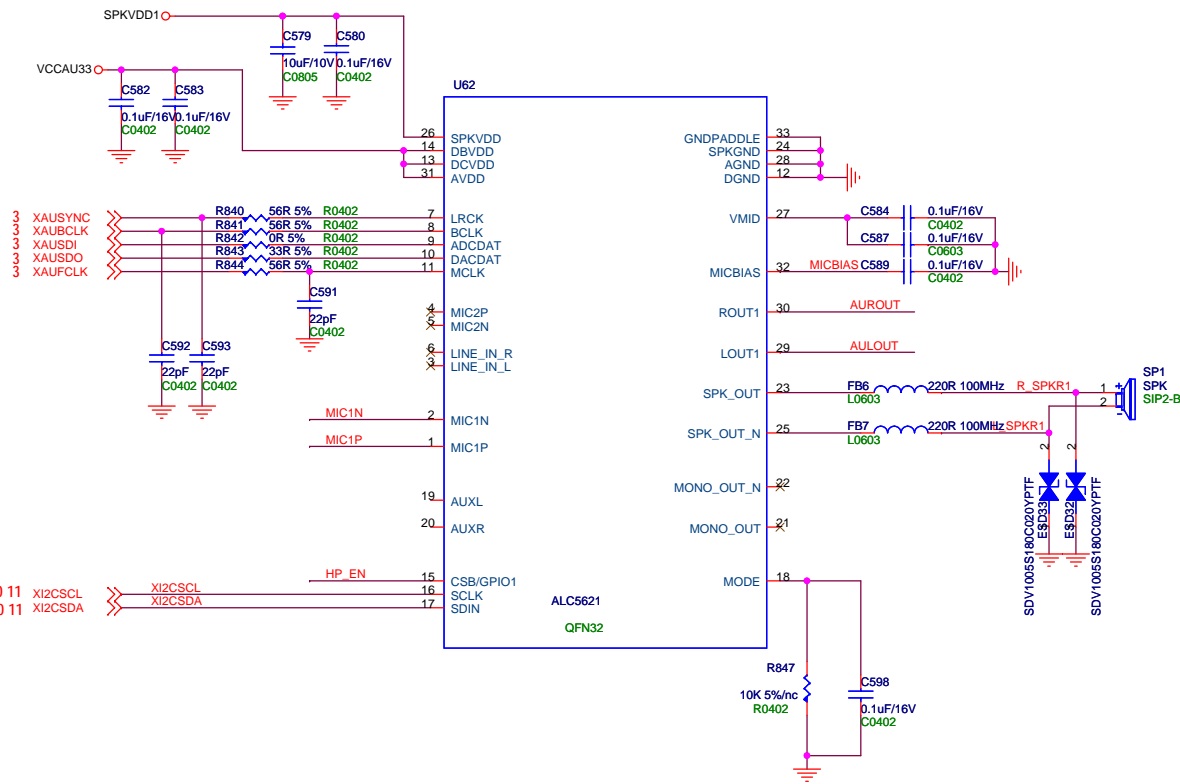


Title				
INFOTM IMAPX220 MOBILE INTERNET DEVICE				
Size	Document Number			Rev
A3	TF_TP_CP			0A
Date:	Thursday, July 21, 2011		Sheet	6 of 14



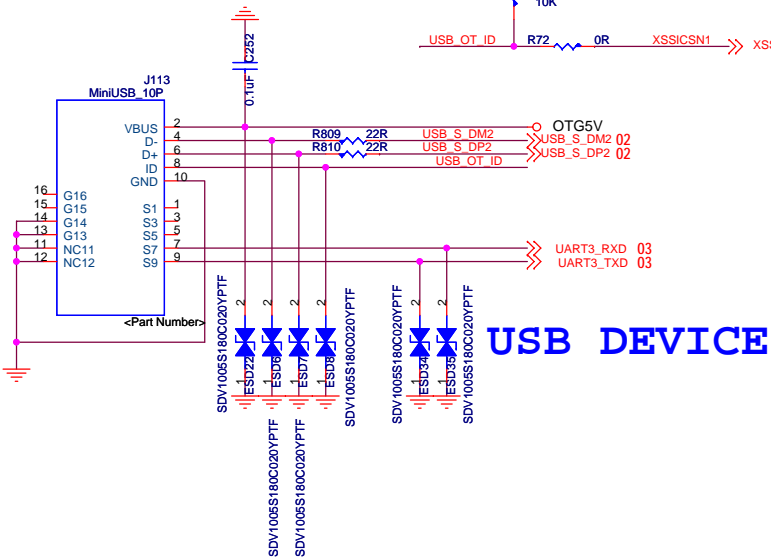
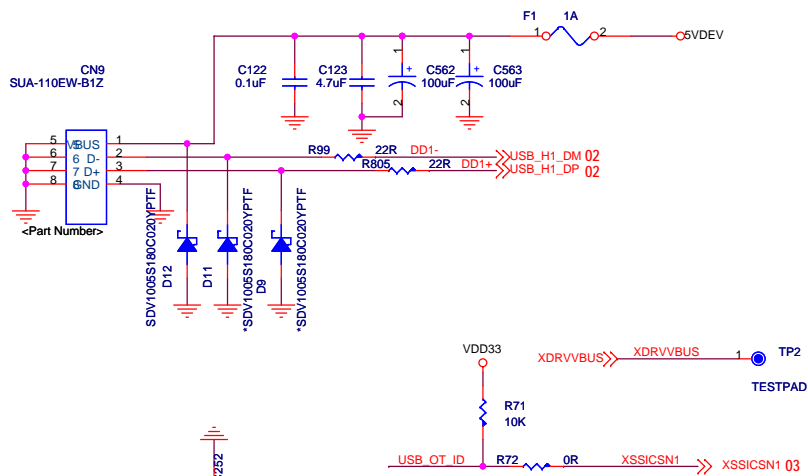






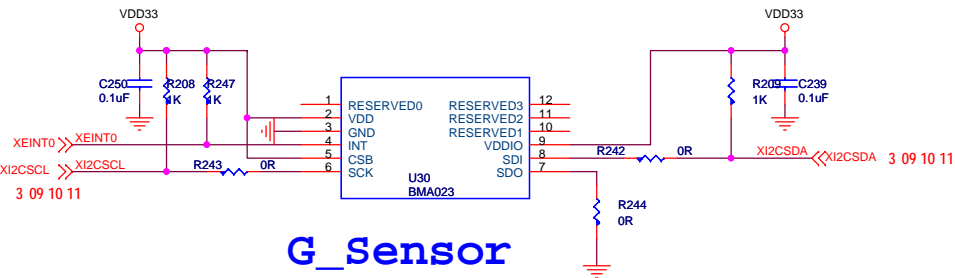
Title		
INFOTM IMAPX220 MOBILE INTERNET DEVICE		
Size	Document Number	Rev
A3	Audio	0A
Date:	Thursday, July 21, 2011	Sheet 8 of 14

# USB HOST

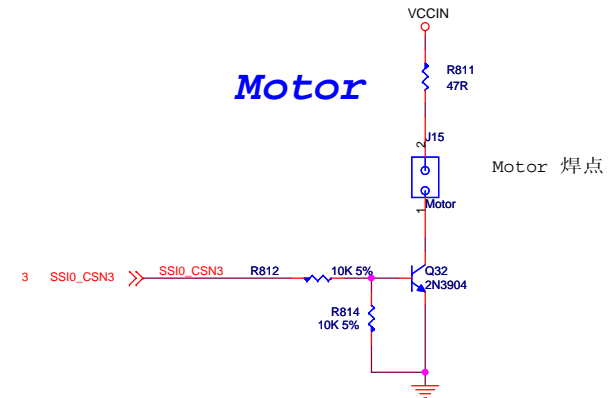


# USB DEVICE

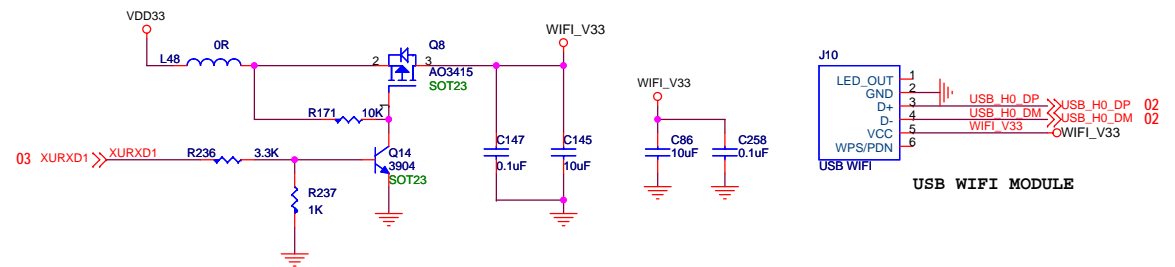
# G\_Sensor



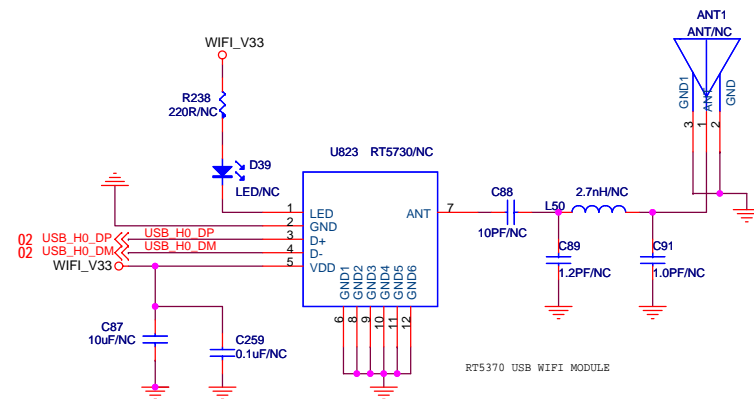
# Motor



# Motor



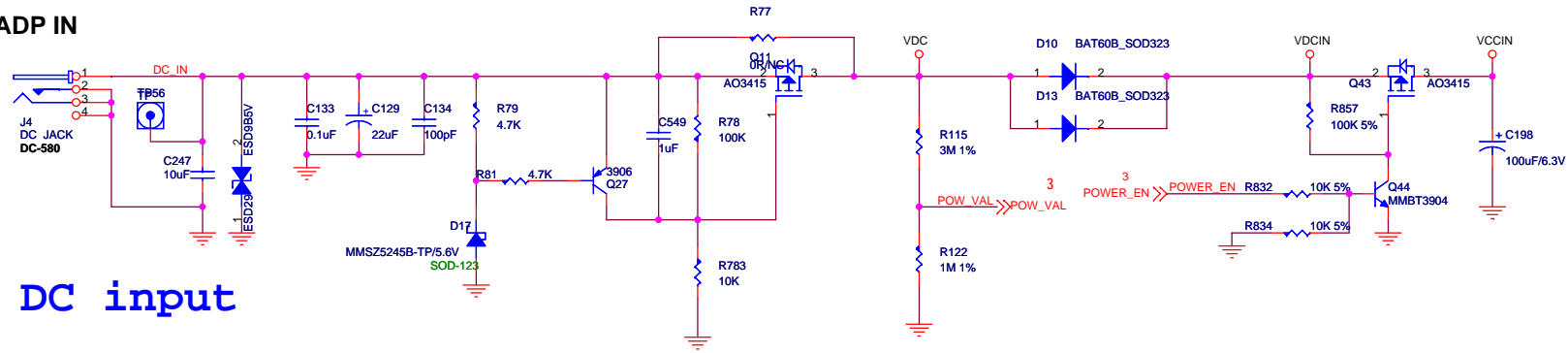
# USB WIFI MODULE



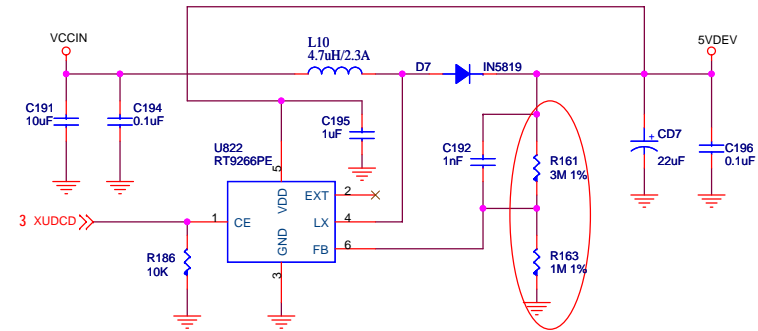
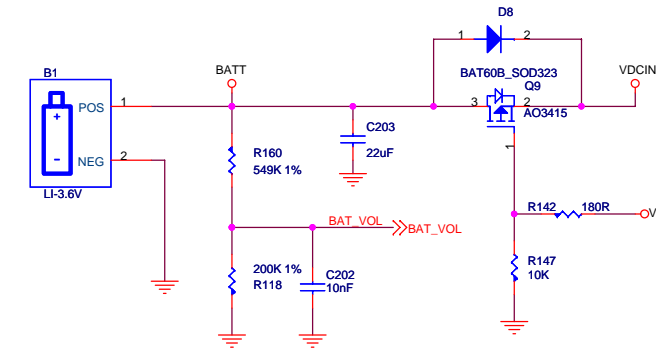
# RT5370 USB WIFI MODULE

Title		
INFOTM IMAPX220 MOBILE INTERNET DEVICE		
Size	Document Number	Rev
A3	USB_GSENSOR_GPS_WIFI	0A
Date:	Thursday, July 21, 2011	Sheet 10 of 14

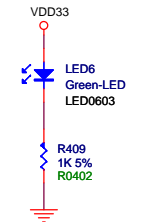
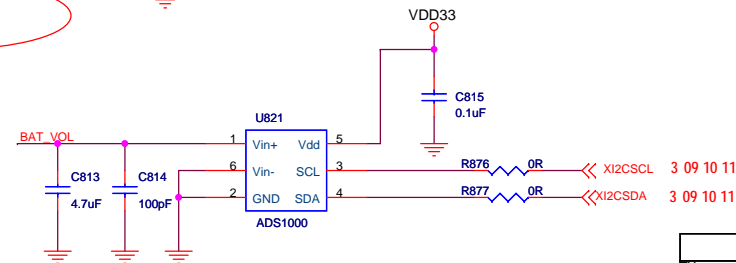
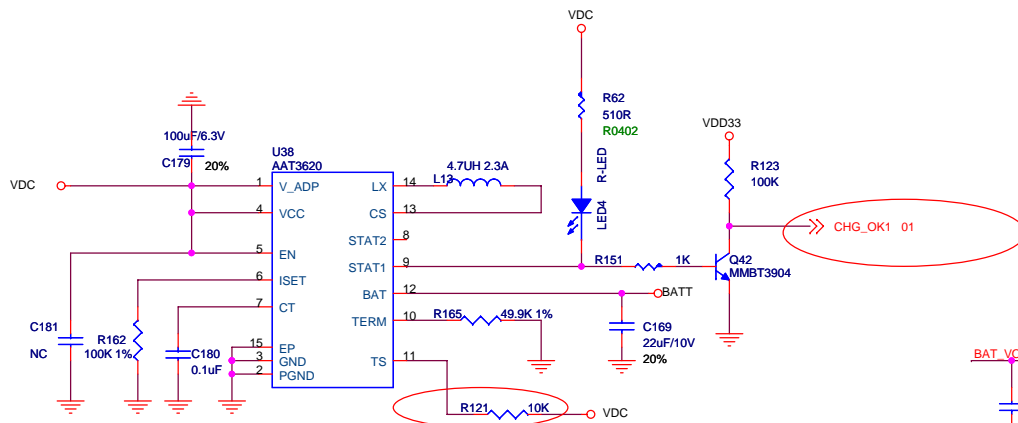
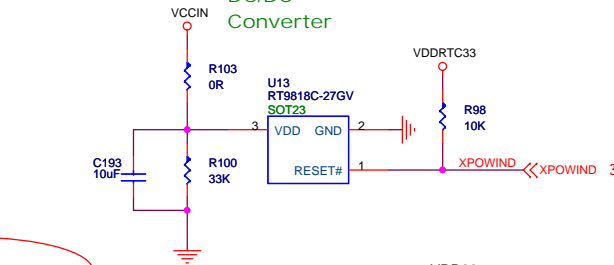
# ADP IN



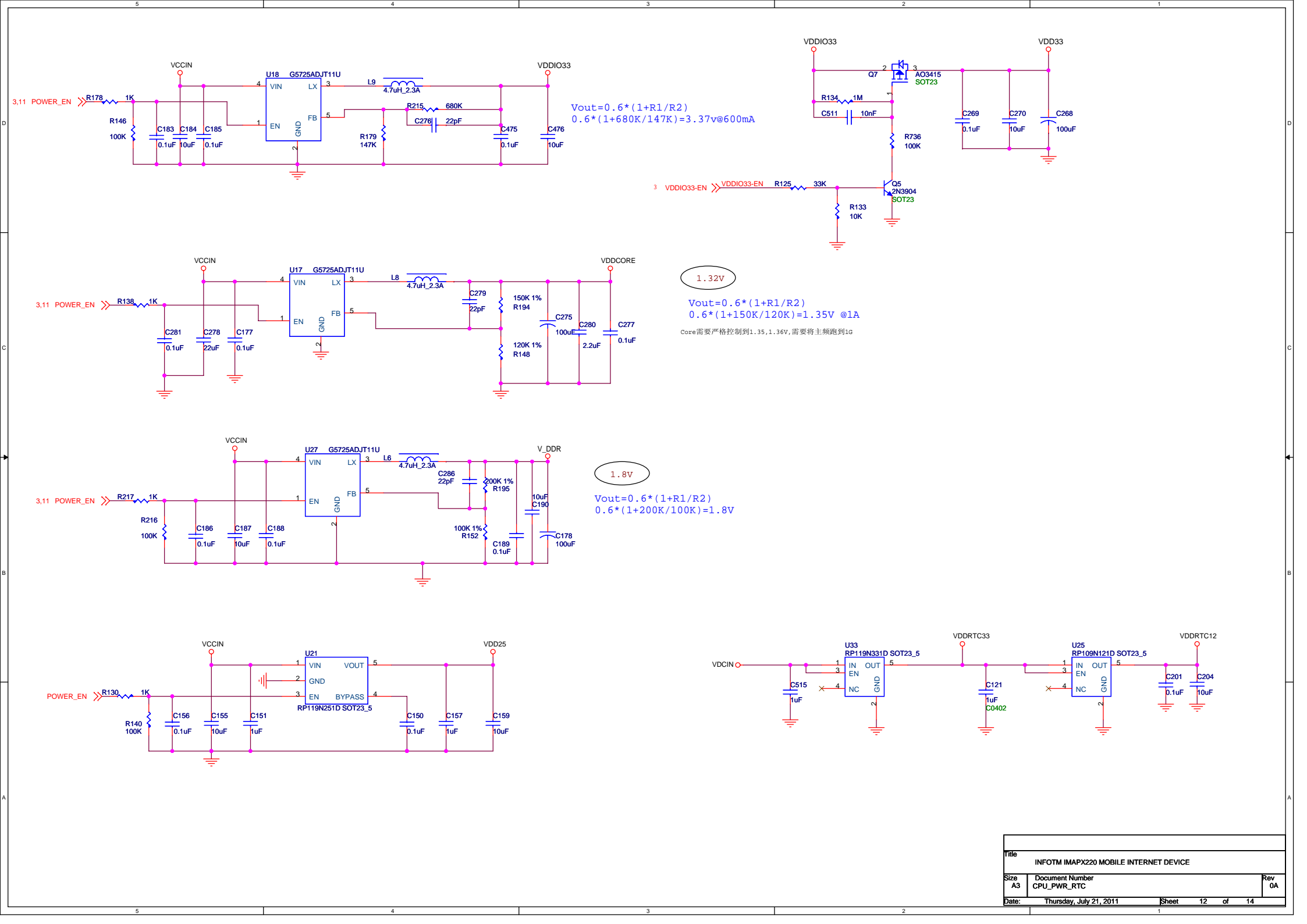
# DC input

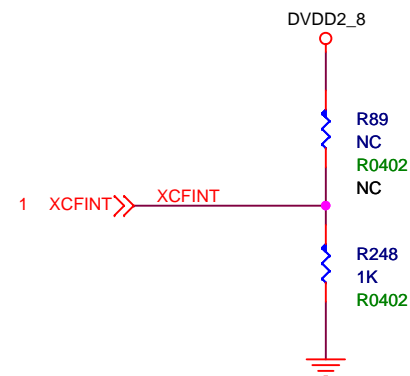
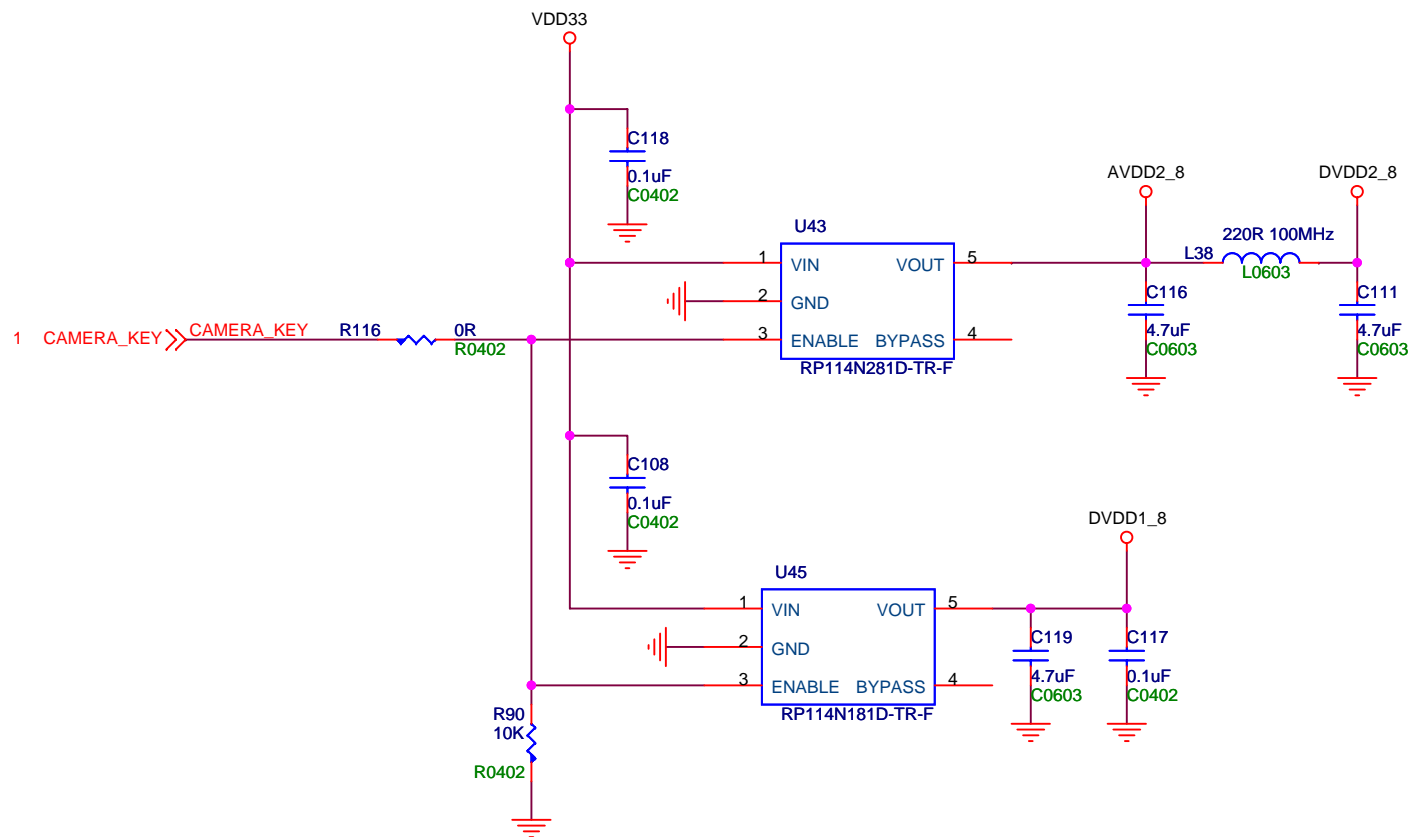
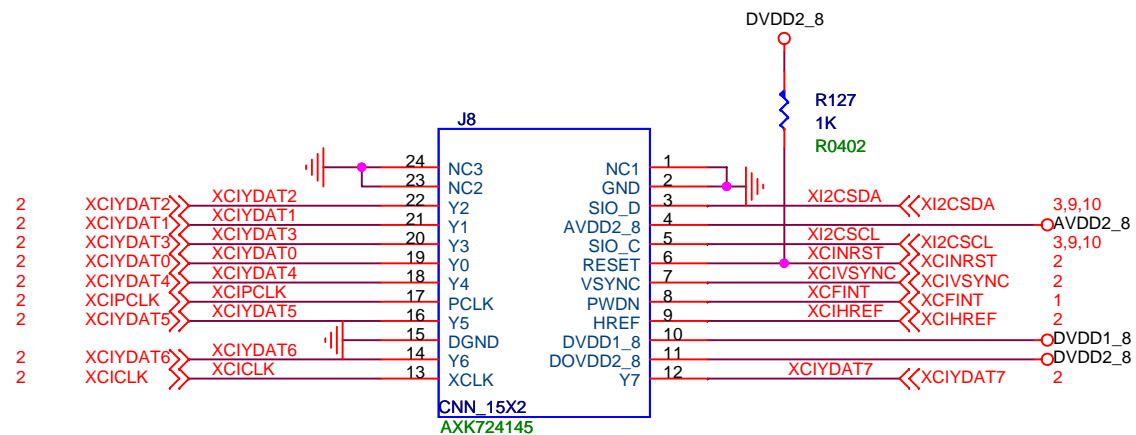


# Step-Up DC/DC Converter



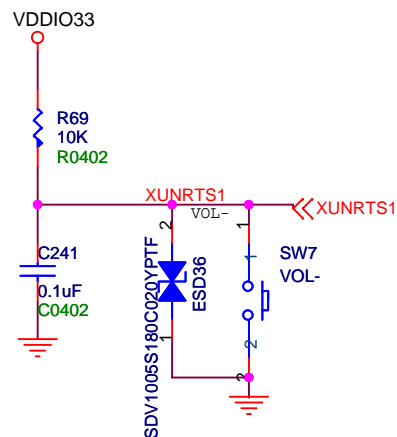
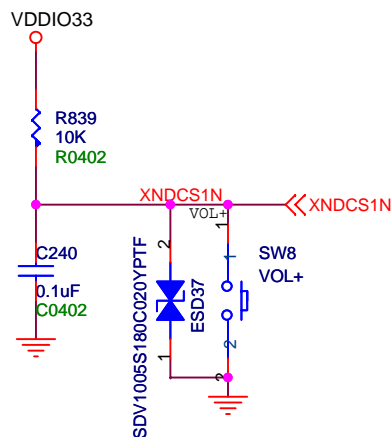
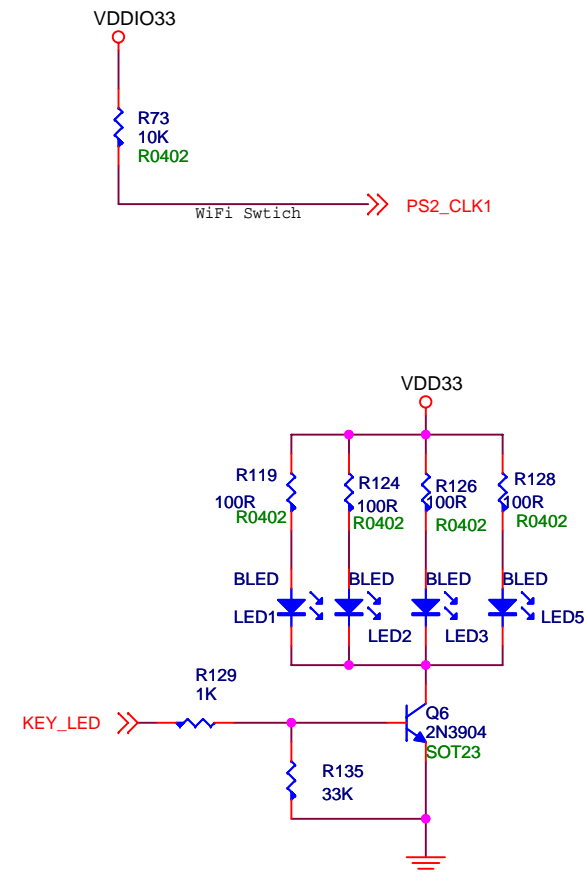
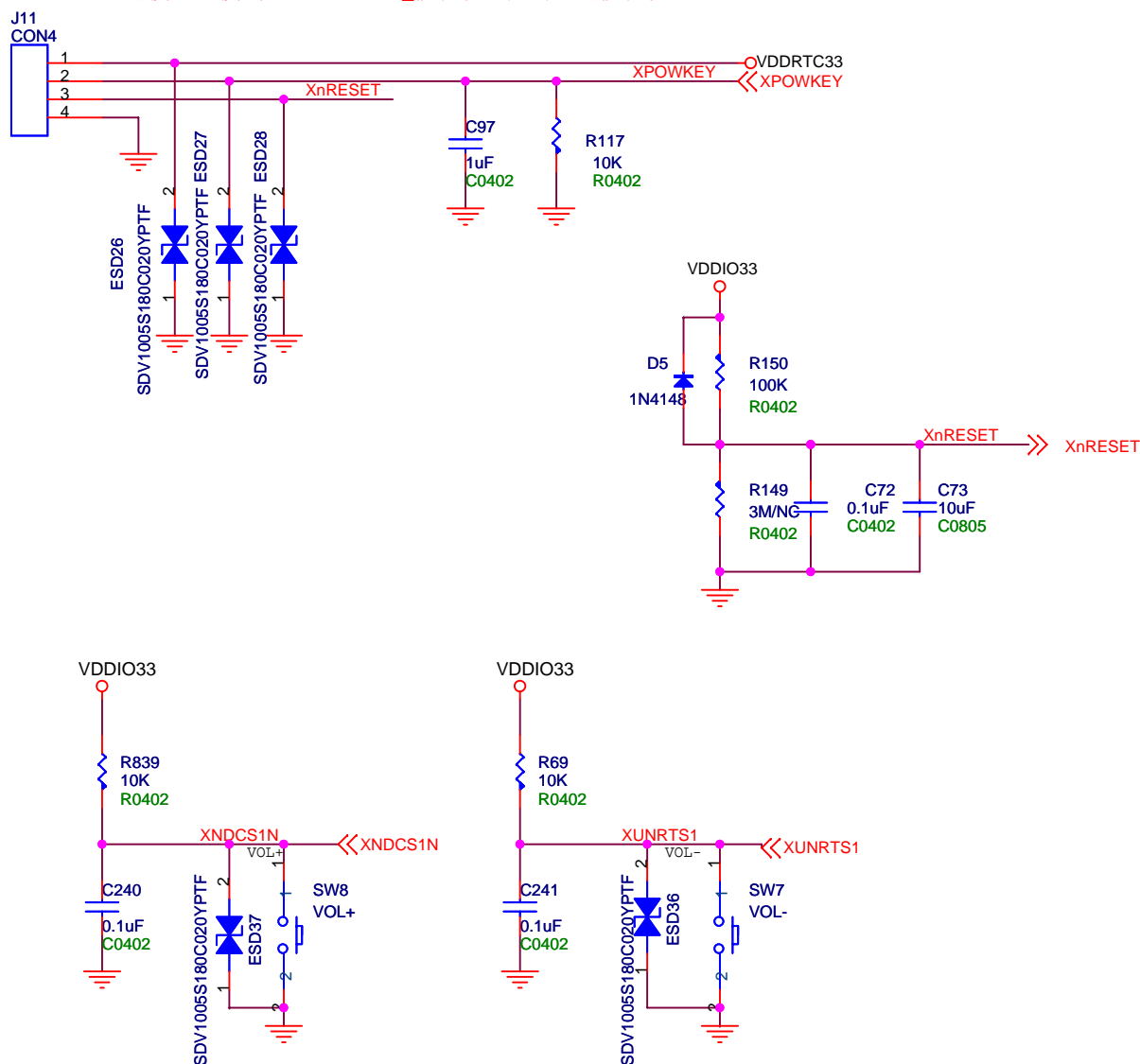
Title		
INFOTM IMAPX220 MOBILE INTERNET DEVICE		
Size	Document Number	Rev
A3	ADPIN_Charger	0A
Date:	Thursday, July 21, 2011	Sheet 11 of 14





Title		
INFOTM IMAPX220 MOBILE INTERNET DEVICE		
Size	Document Number	Rev
A4	CAMERA	0A
Date:	Thursday, July 21, 2011	Sheet 13 of 14

注：J11的接口连接到"GF12V1.0\_按键板"原理图 的按键板J12上



Title		
INFOTM IMAPX220 MOBILE INTERNET DEVICE		
Size	Document Number	Rev
A4	KEY LED	0A
Date:	Thursday, July 21, 2011	Sheet 14 of 14



Data Revision Change

June.20.2011	Rev1.0	1. First released Revision
July.23 2011	Rev1.1	1.Adjust R97 to 2.2k, R83 R799 to 1k,R108 R818 to 10K Page 07 2.Adjust TF Supply Power to VDDIO33 Page 06 3.Adjust R1 to 10K, R49 R29 R42 R47 R48 R50 R37 R41 C8 C5 C3 R45 R39 R44 C574 C575 to NC Page 8 4.Adjust R161 to 3M ,R163 to 1M,R121 to 10k.(Adjust CHG_0K to CHG_0K1 Page11