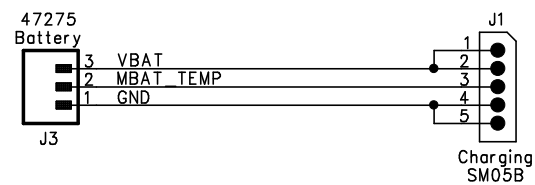




PCB FILE NAME : LPT20_FPC_USB_p0a.pcb



Portable Innovation Technology Ltd.

MODEL : PT20

TITLE : PT20 Battery Connector

DRAWN BY :
Danny

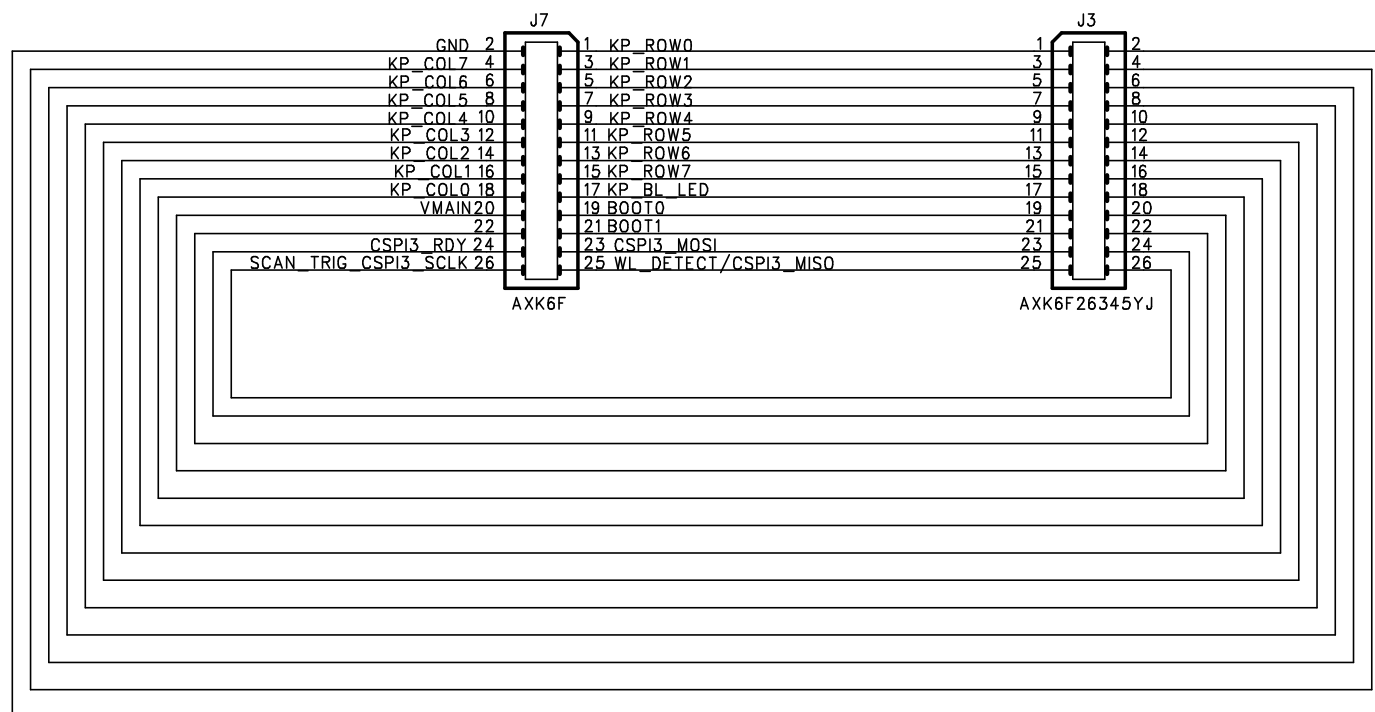
FILE NAME : PT20_BATT_p1.sch

DATE : 25 Jun, 2009

SHEET NAME : BATTERY

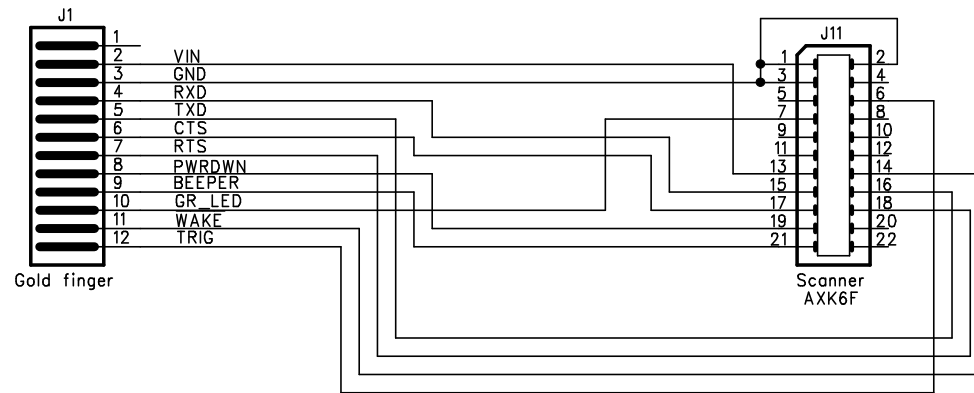
SHEET : 1 OF 1

PCB FILE NAME : PT20_BATT_p1.pcb



Portable Innovation Technology Ltd.

MODEL : PT20		
TITLE : KEY FPC CABLE		DRAWN BY : Danny
FILE NAME : PT20_FPC_Key_p1.sch		DATE : 16 Sep, 2009
SHEET NAME : FPC		SHEET : 1 OF 1
PCB FILE NAME : PT20_FPC_Key_p1.pcb		



Portable Innovation Technology Ltd.

MODEL : PT20

TITLE : I/O FPC CABLE (Laser Scanner)

DRAWN BY :
Danny

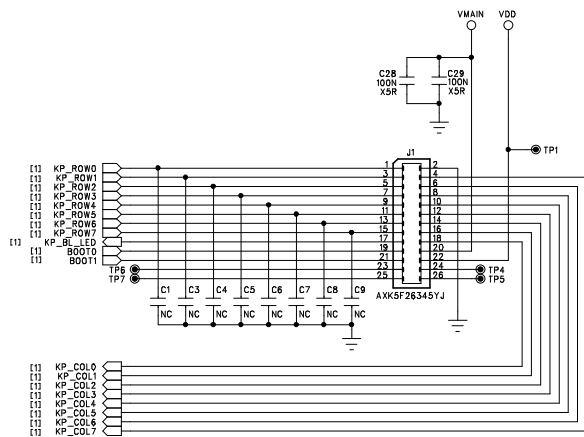
FILE NAME : PT20_FPC_Scan-Laser_p0.sch

DATE : 26 Sep, 2011

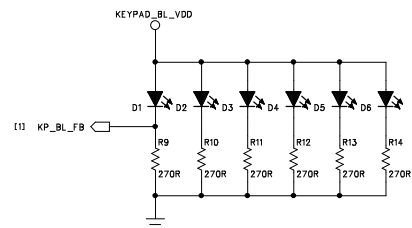
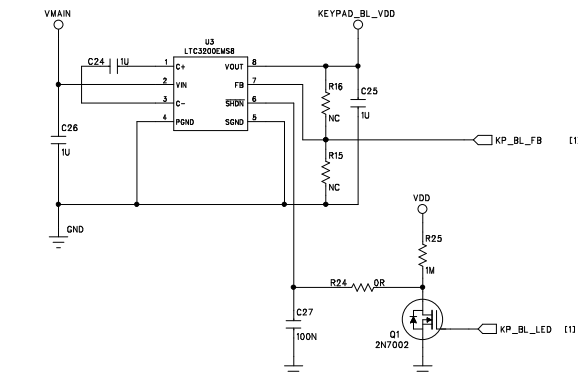
SHEET NAME : FPC

SHEET : 1 OF 1

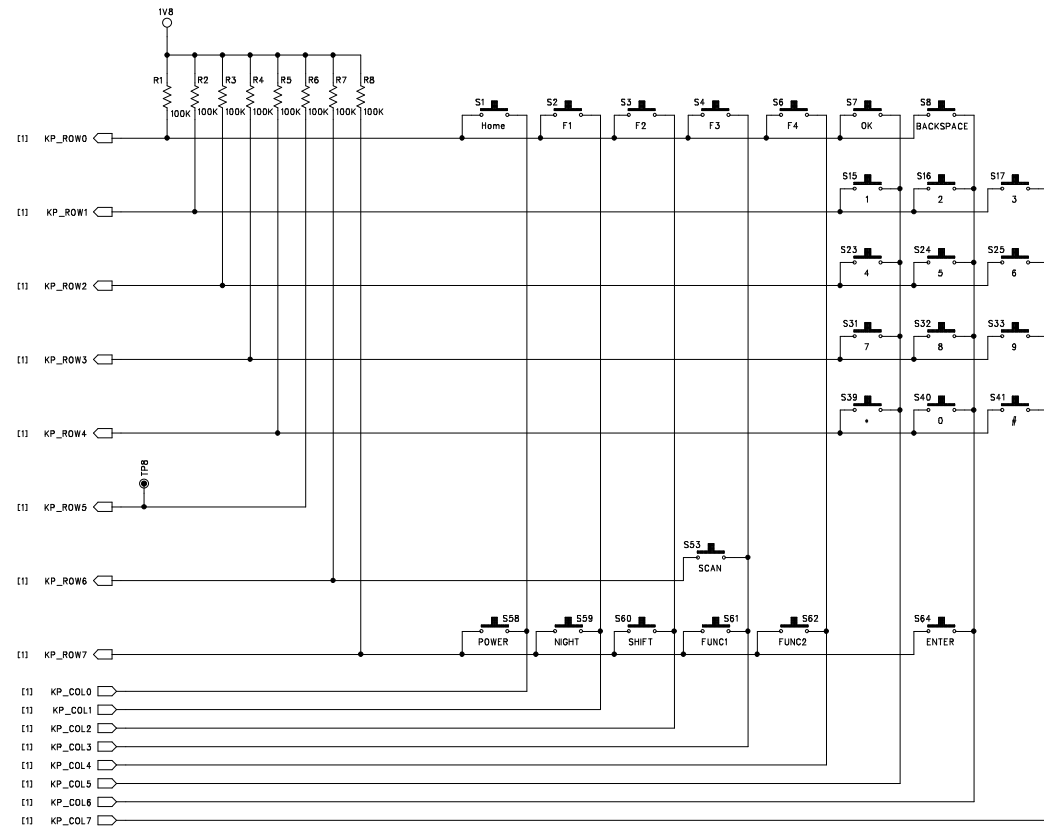
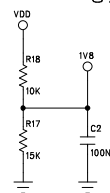
PCB FILE NAME : PT20_FPC_Scan-Laser_p0.pcb



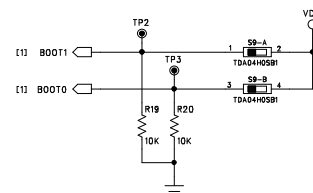
Keyboard Backlight



8x8 Key Matrix



BOOT MODE

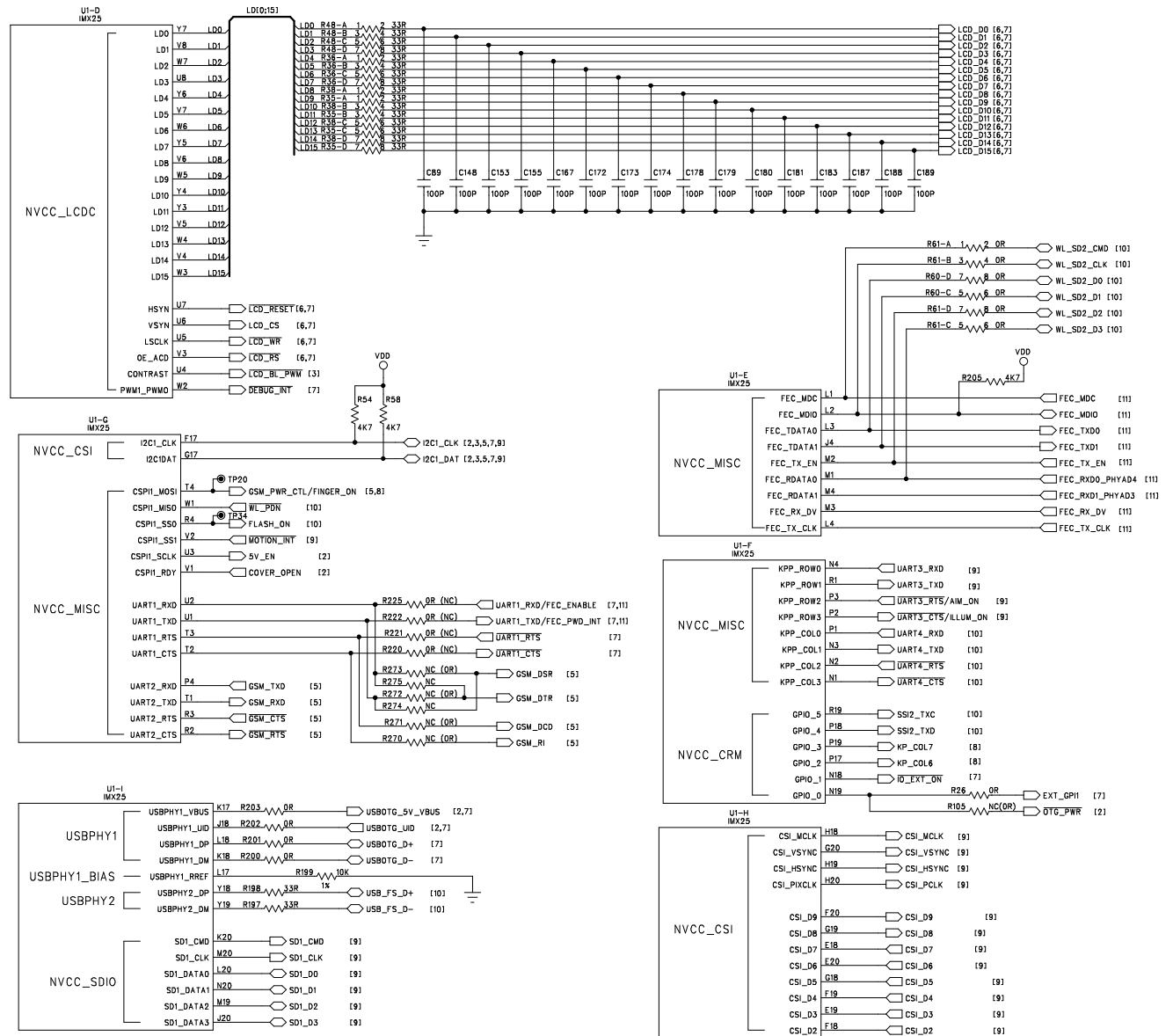
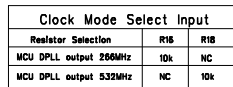


Boot Modes Selection		
Resistor Selection	BOOT1 (S5-A)	BOOT0 (S5-B)
Boot Loader	ON	ON
External Boot	ON	OFF
FSL Test Mode	OFF	OFF
Internal Boot	OFF	ON

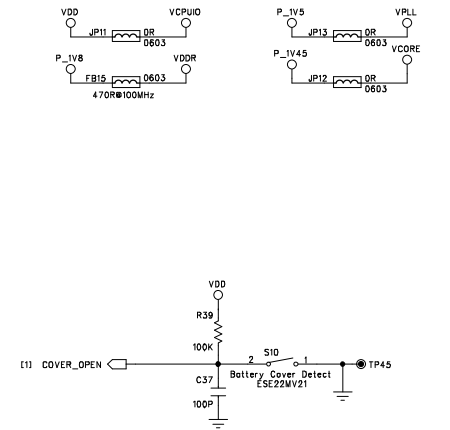
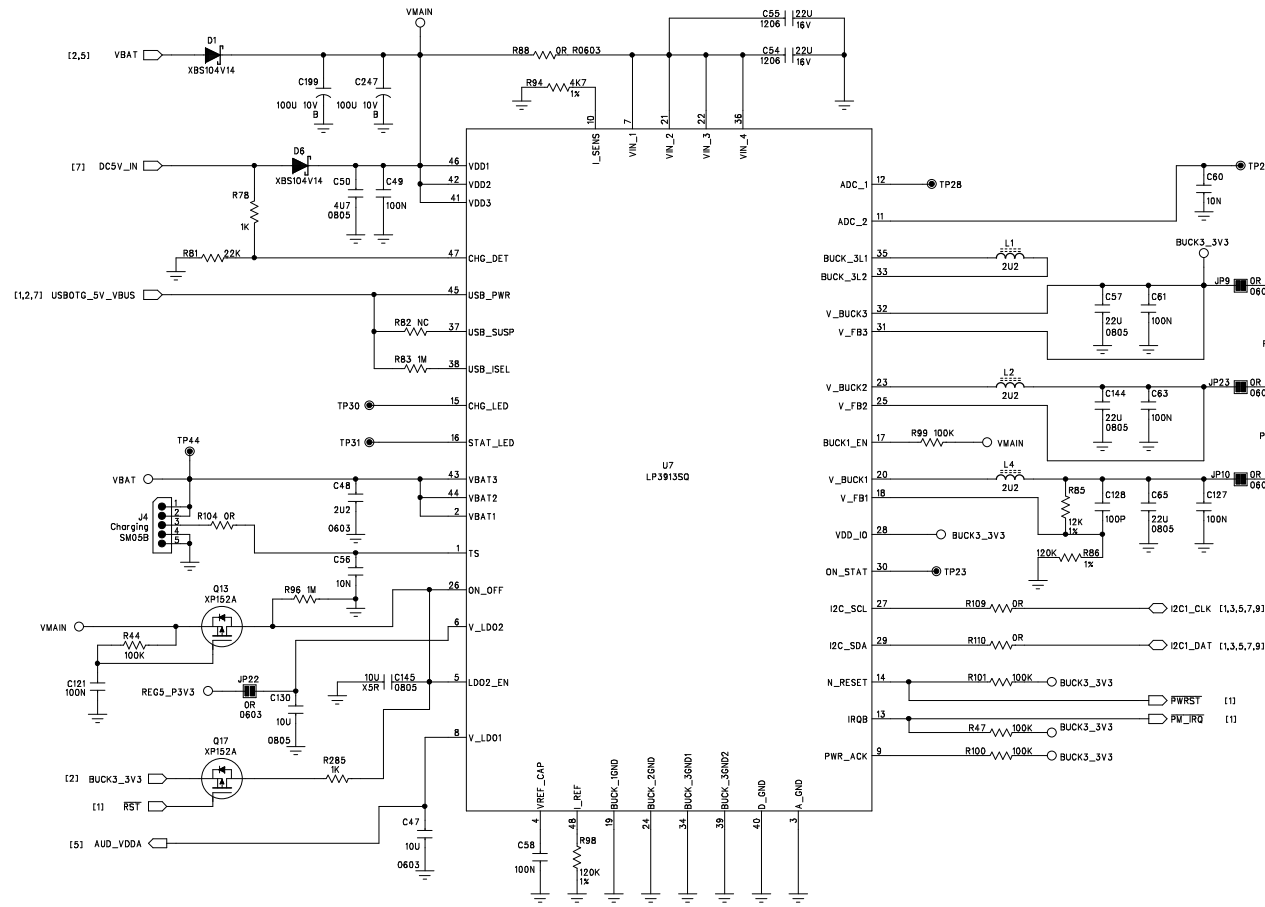


Portable Innovation Technology Ltd.

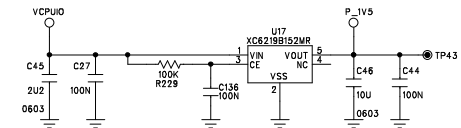
MODEL :	PT20	
TITLE :	KEY BOARD	DRAWN BY : Danny
FILE NAME :	PT20_KB_p2.sch	DATE : 27 Apr, 2010
SHEET NAME :	KEY_BOARD	SHEET : 1 OF 1
PCB FILE NAME :	PT20_KB_p2.pcb	



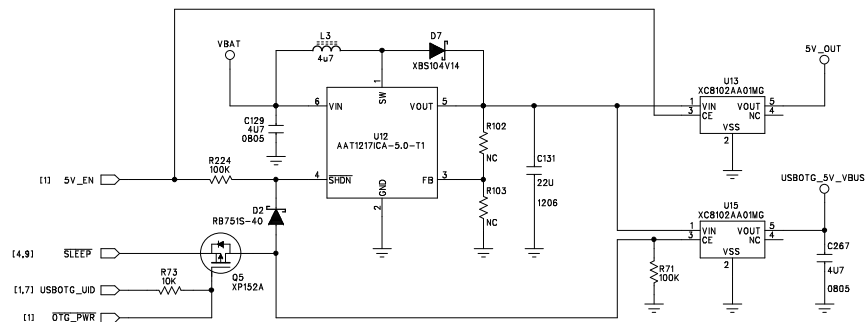
SYSTEM POWER



CPU PLL 1.5V

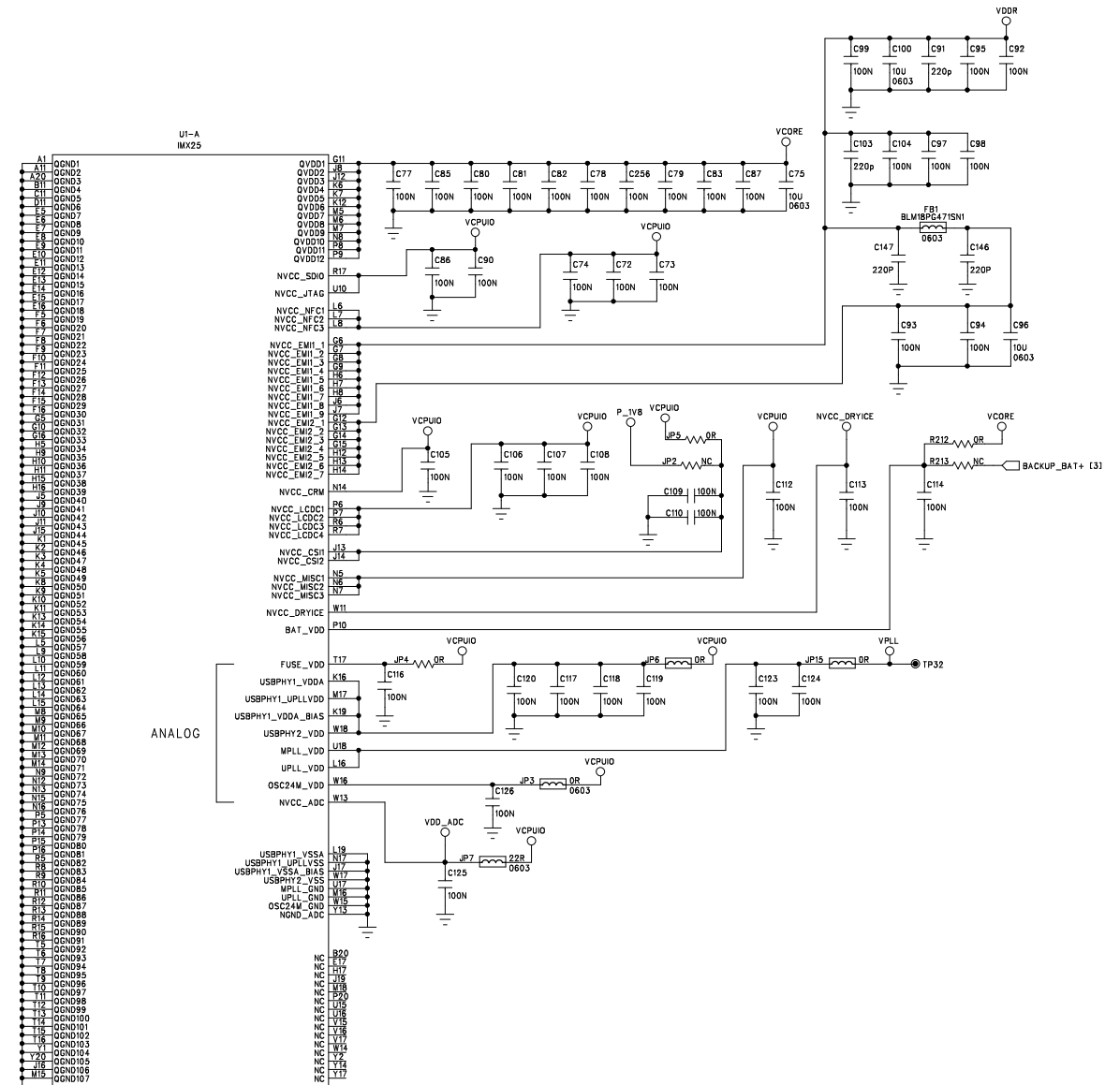


5V POWER



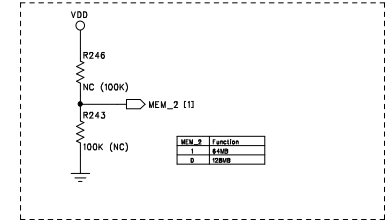
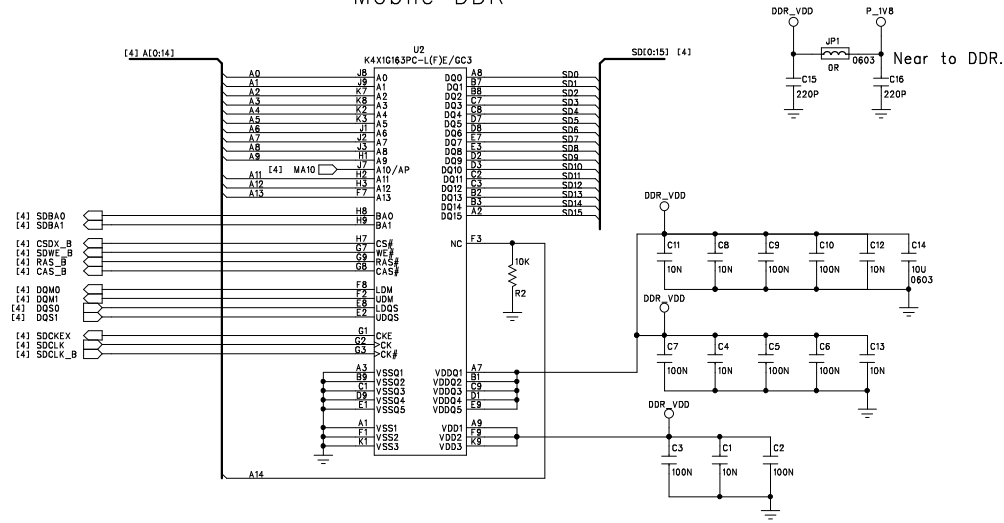
 Portable Innovation Technology Ltd.		
MODEL :	PT20	
TITLE :	SYSTEM & 5V POWER	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	POWER_2	SHEET : 2 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	

Backup Battery and Real Time Clock

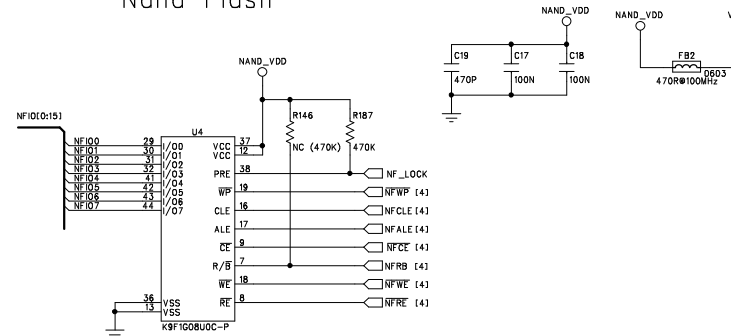


PCB FILE NAME :	PT20_M_p4.pcb
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Mobile DDR



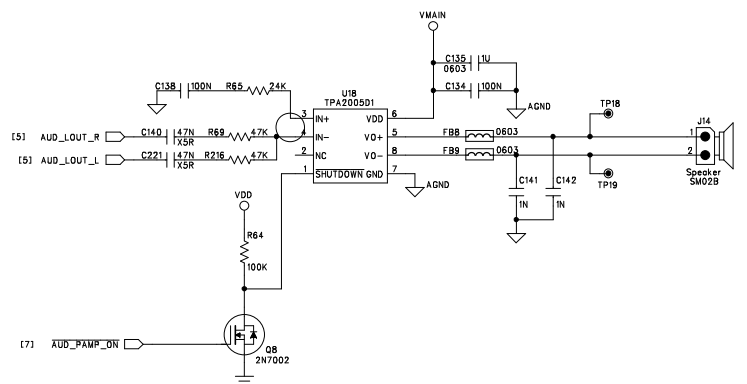
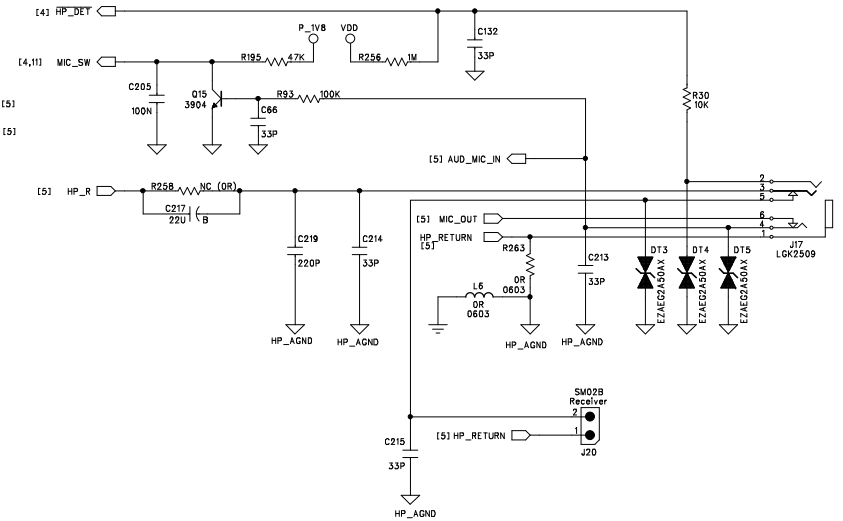
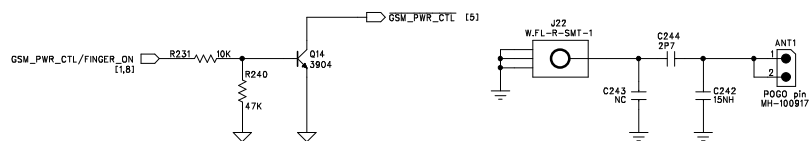
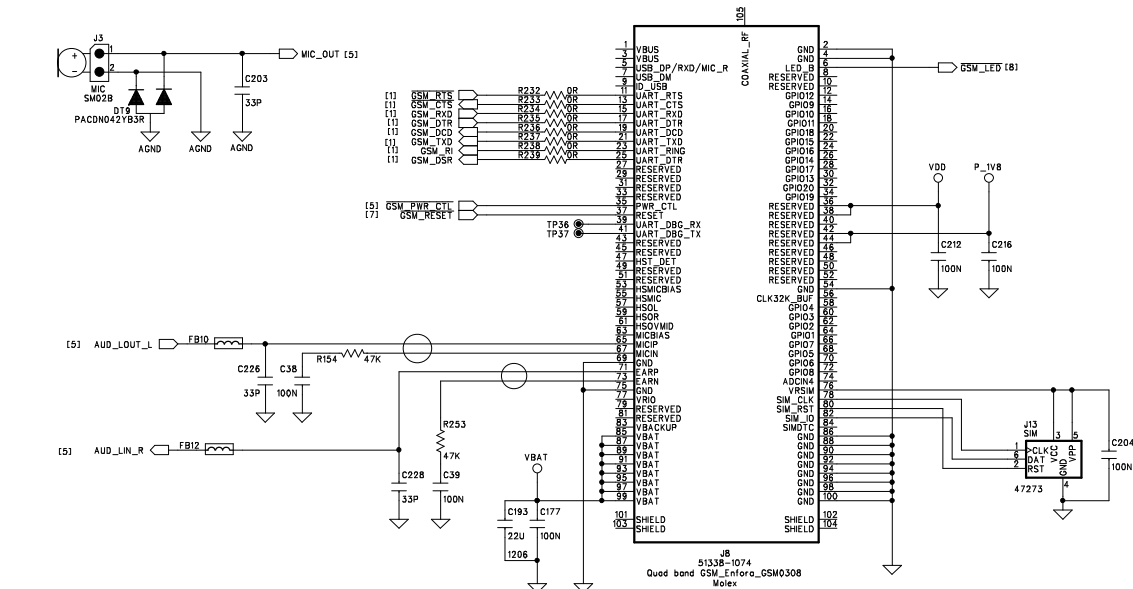
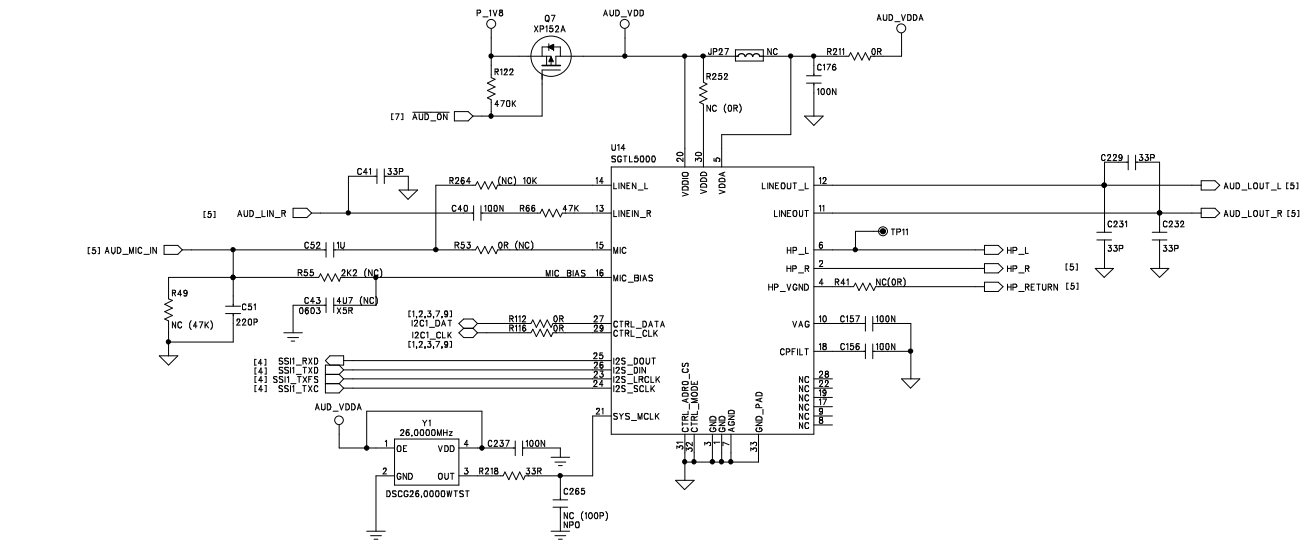
Nand Flash



Nand Flash x8

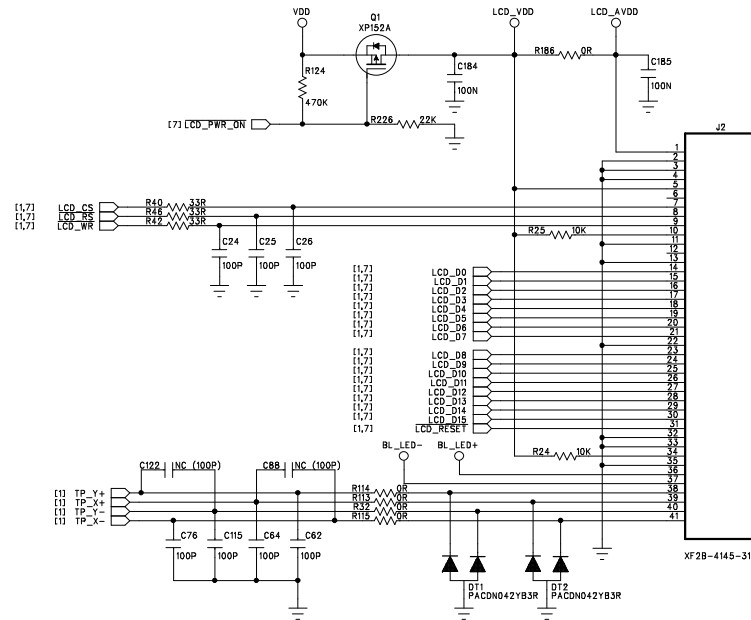
Samsung Nand Flash
Pin to pin compatible, 8 bit access
K9FG08U0B - 128M x8 NAND Flash

 Portable Innovation Technology Ltd.		
MODEL :	PT20	
TITLE :	MAIN	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	MEMORY	SHEET : 4 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	



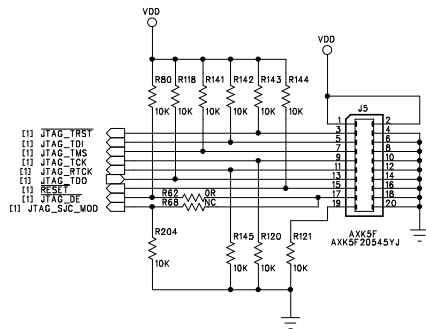
Portable Innovation Technology Ltd.		
MODEL :	PT20	
TITLE :	MAIN	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	GSM_AUDIO	SHEET : 5 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	

ET032001DH9

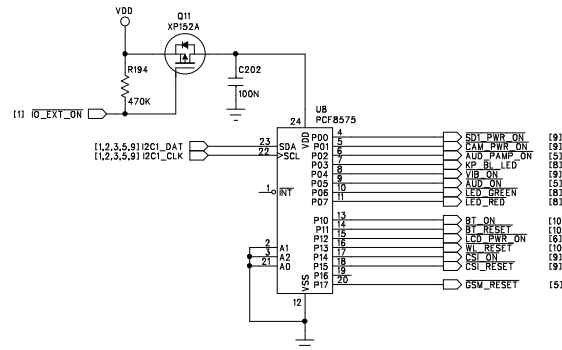


 Portable Innovation Technology Ltd.		
MODEL :	PT20	
TITLE :	MAIN	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	LCD_TP_BL	SHEET : 6 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	

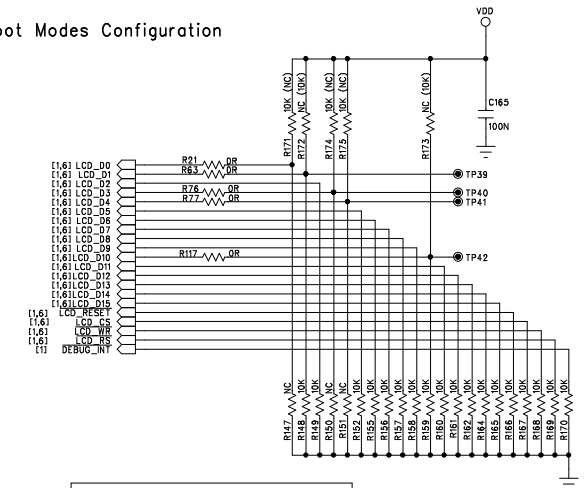
JTAG DEBUG



IO Expander

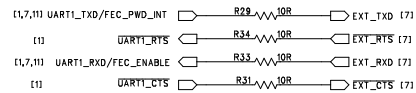


Boot Modes Configuration

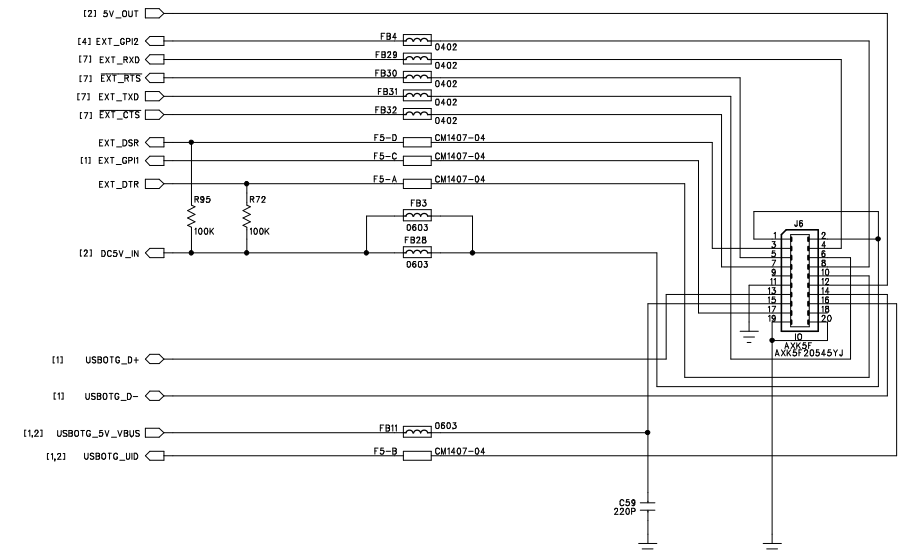


Boot Modes Configuration				
Resistor Selection	R171	R172	R174	R175
NAND FLASH Boot	DR	NC	DR	DR
SD/MMC Boot	DR	DR	NC	DR

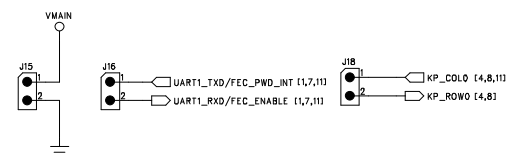
For Ext RS232



IO CONNECTOR

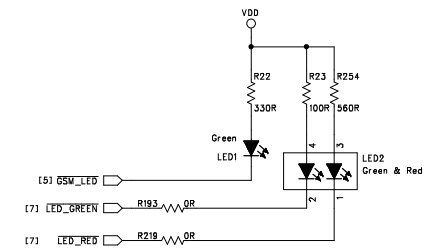
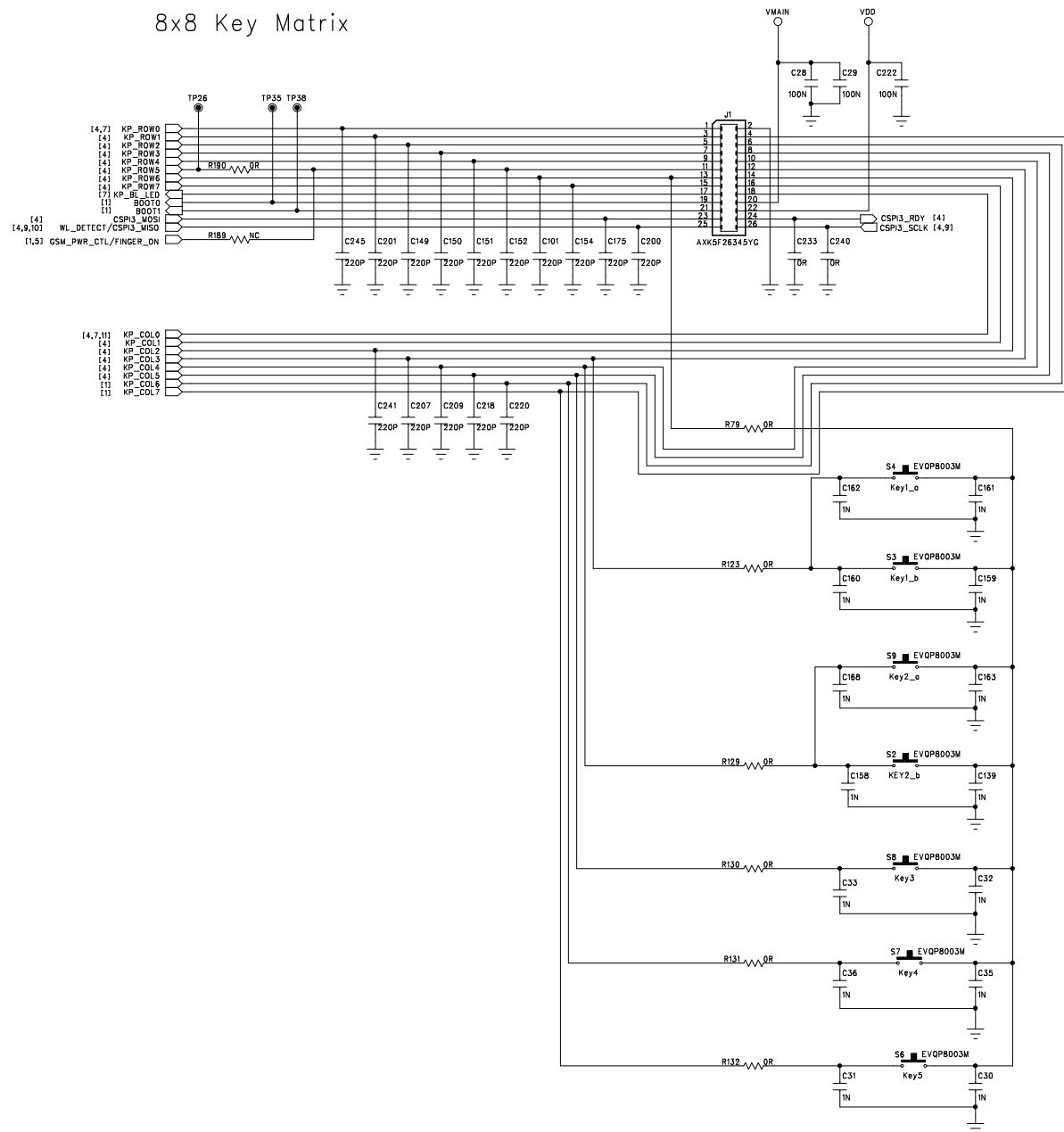


External Testint Point



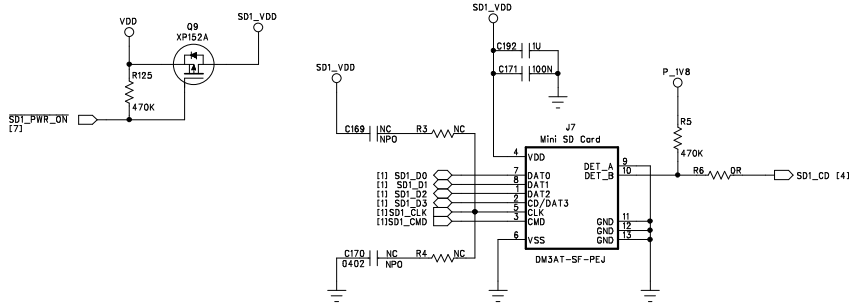
 Portable Innovation Technology Ltd.		
MODEL :	PT20	
TITLE :	MAIN	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	USB_JTAG_RS232_IO	SHEET : 7 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	

8x8 Key Matrix

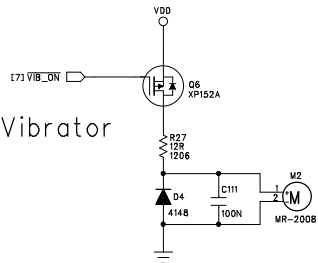


 Portable Innovation Technology Ltd.		
MODEL :	PT20	
TITLE :	MAIN	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	KEY_LED	SHEET : 8 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	

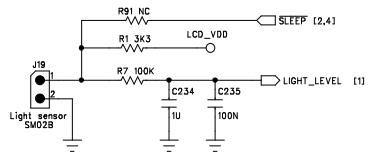
SD Card PCBA



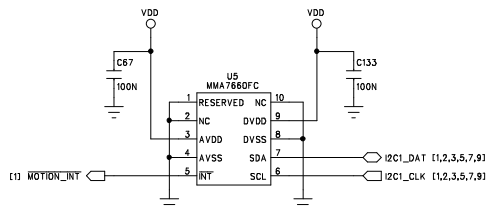
Vibrator



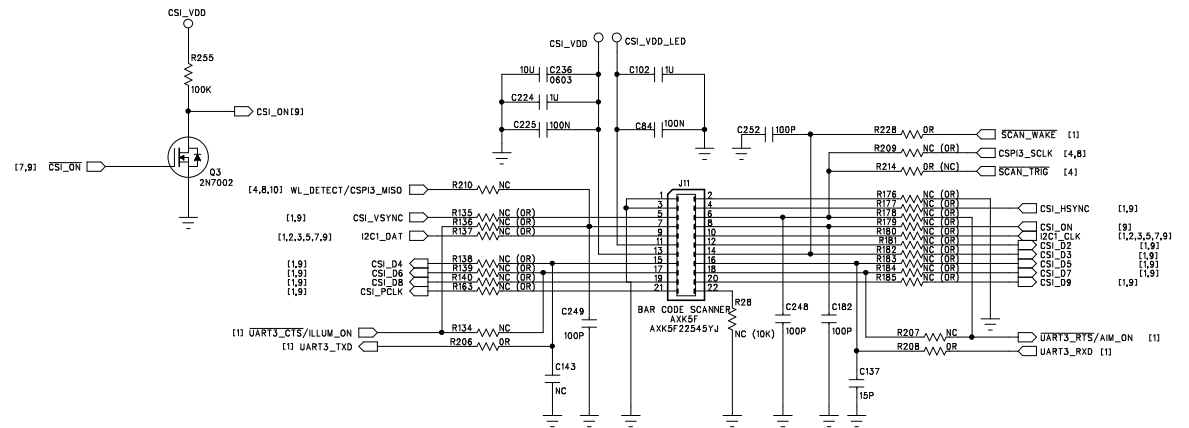
Light Sensor



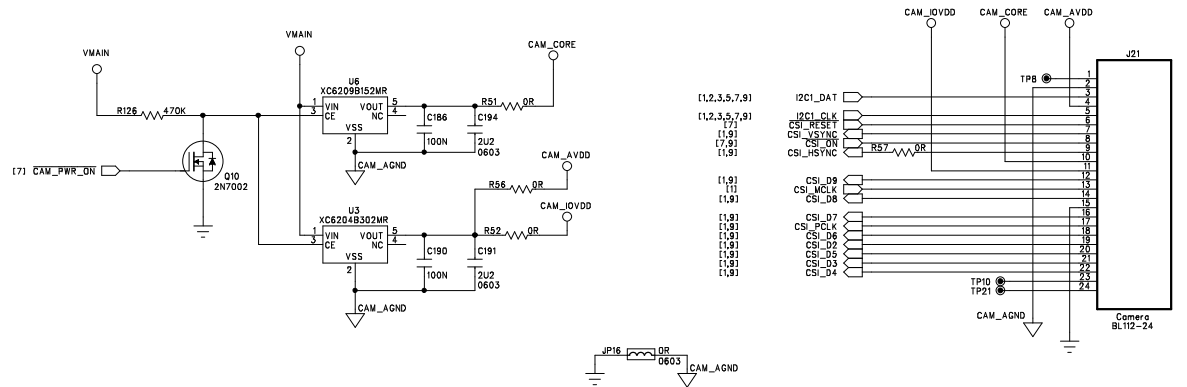
Motion Sensor



BAR CODE SCANNER (HHP & SYMB)



Camera Module

 Portable Innovation Technology Ltd.

MODEL :	PT20
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TITLE :	MAIN
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DRAWN BY :
Donny

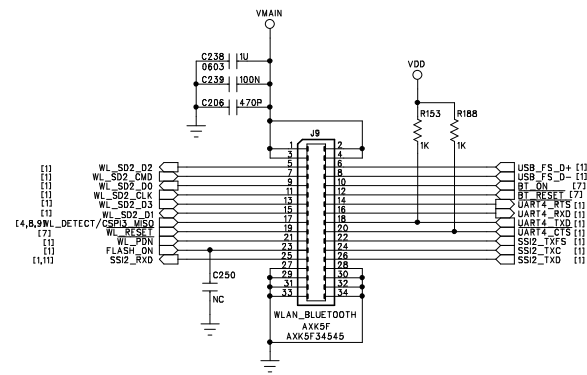
FILE NAME : PT20_M_p4.sch

DATE : 19 JUL 2010

SHEET NAME : IRDA_SCANNER_SDCARD

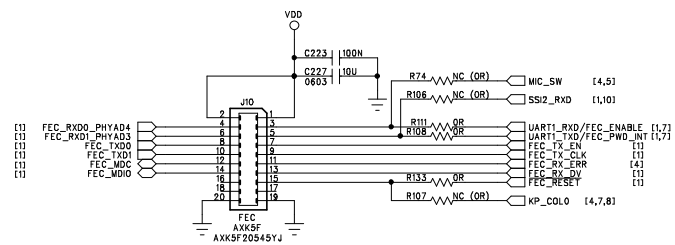
SHEET : 9 OF 11

PCB FILE NAME : PT20_M_p4.pcb

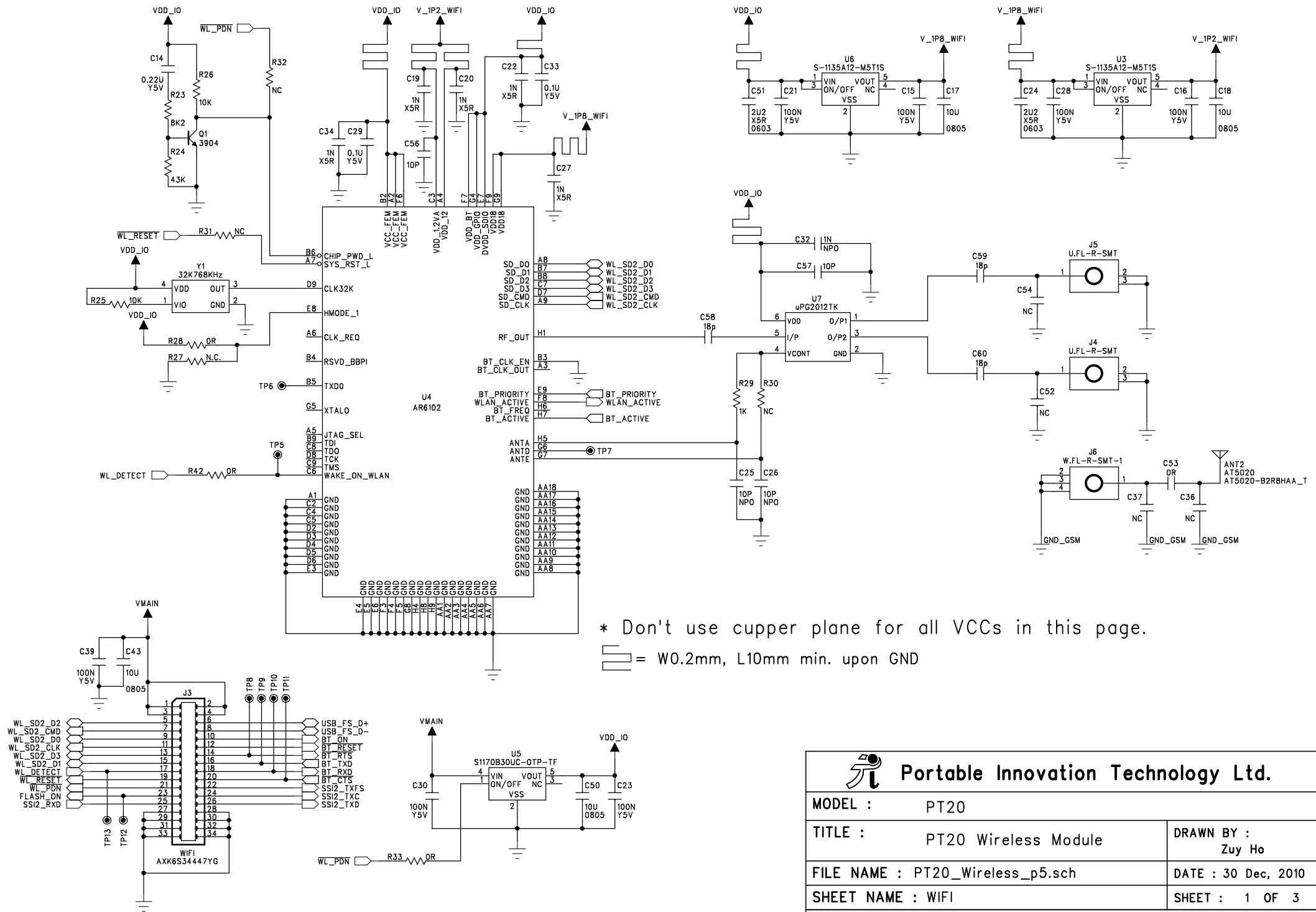


Portable Innovation Technology Ltd.

MODEL :	PT20	
TITLE :	MAIN	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	WLAN_BLUETOOTH	SHEET : 10 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	



 Portable Innovation Technology Ltd.		
MODEL :	PT20	
TITLE :	MAIN	DRAWN BY : Danny
FILE NAME :	PT20_M_p4.sch	DATE : 19 JUL 2010
SHEET NAME :	FEC CONNECTOR	SHEET : 11 OF 11
PCB FILE NAME :	PT20_M_p4.pcb	



Portable Innovation Technology Ltd.

MODEL : PT20

TITLE : PT20 Wireless Module

DRAWN BY :
Zuy Ho

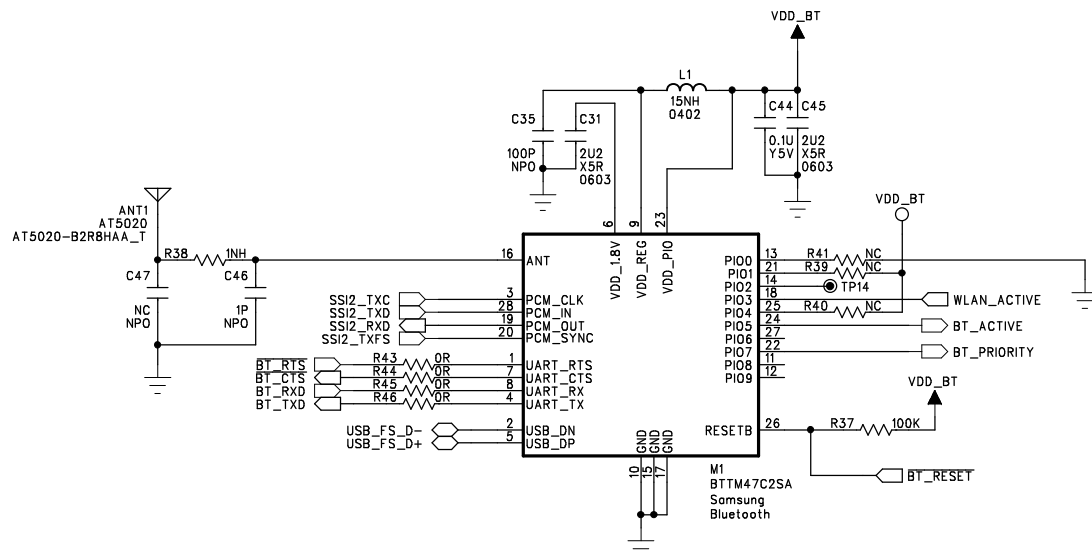
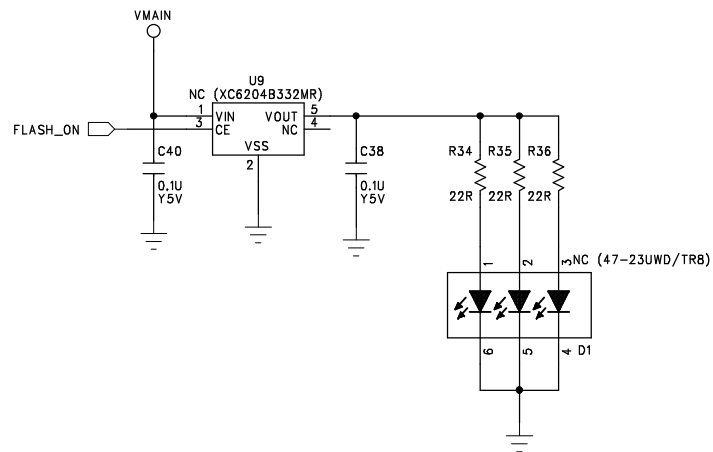
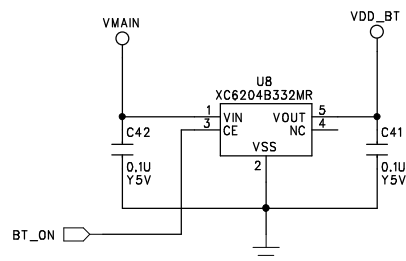
FILE NAME : PT20_Wireless_p5.sch

DATE : 30 Dec, 2010

SHEET NAME : WIFI

SHEET : 1 OF 3

PCB FILE NAME : PT20_Wireless_p5.pcb



Portable Innovation Technology Ltd.

MODEL : PT20

TITLE : PT20 Wireless Module

DRAWN BY :
Zuy Ho

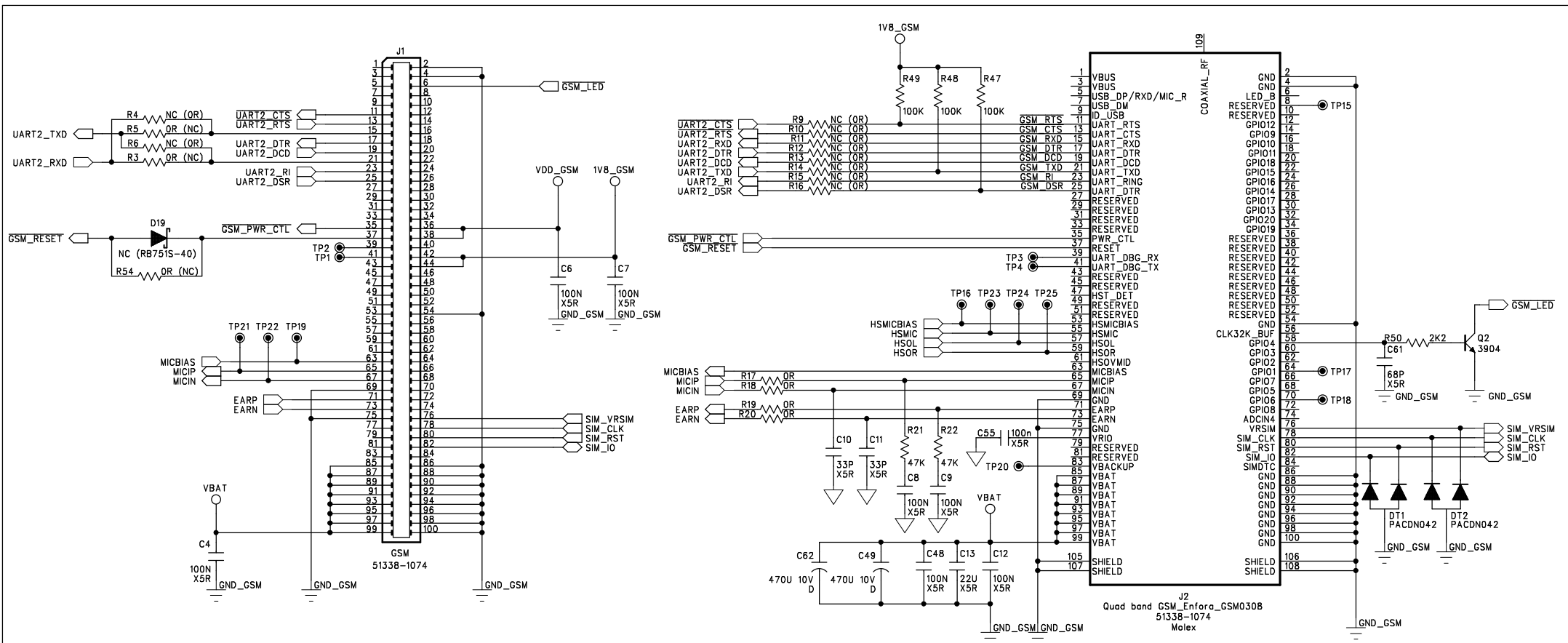
FILE NAME : PT20_Wireless_p5.sch

DATE : 30 Dec, 2010

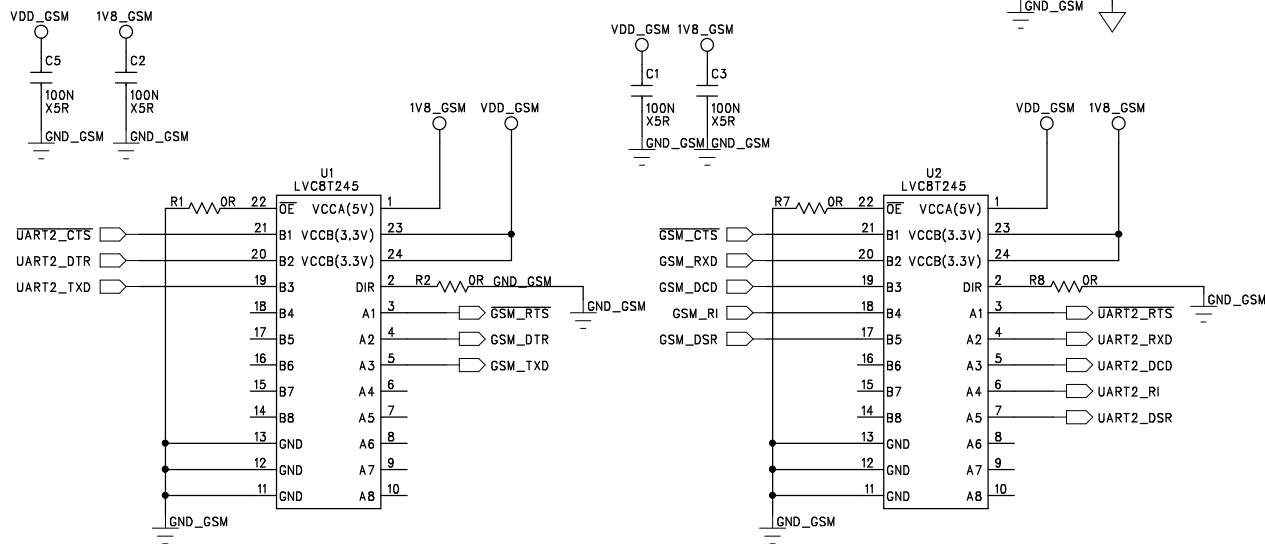
SHEET NAME : BLUETOOTH

SHEET : 2 OF 3

PCB FILE NAME : PT20_Wireless_p5.pcb



1.8V <=> 3.3V Level Shifter



 Portable Innovation Technology Ltd.		
MODEL : PT20		
TITLE : PT20 Wireless Module		DRAWN BY : Zuy Ho
FILE NAME : PT20_Wireless_p5.sch		DATE : 30 Dec, 2010
SHEET NAME : GSM		SHEET : 3 OF 3
PCB FILE NAME : PT20_Wireless_p5.pcb		