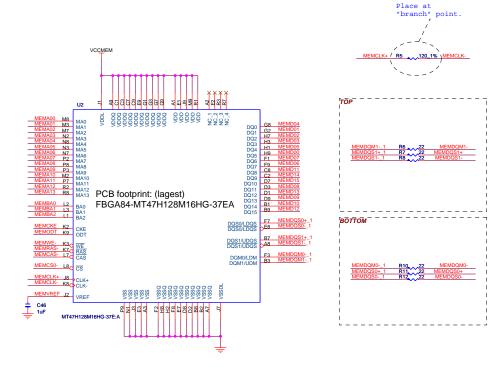
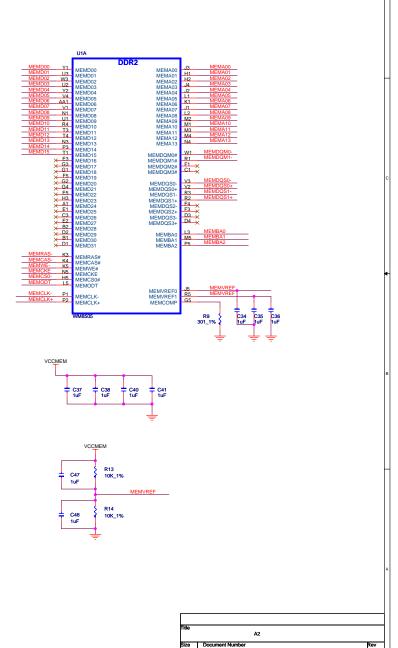
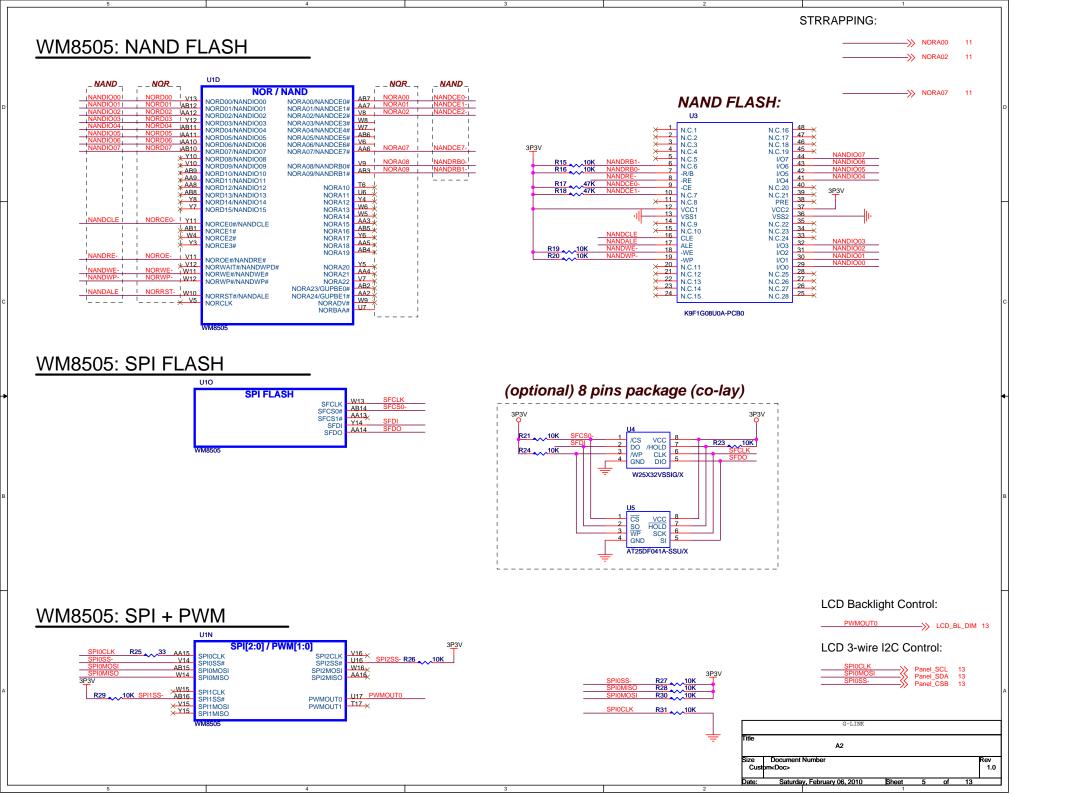


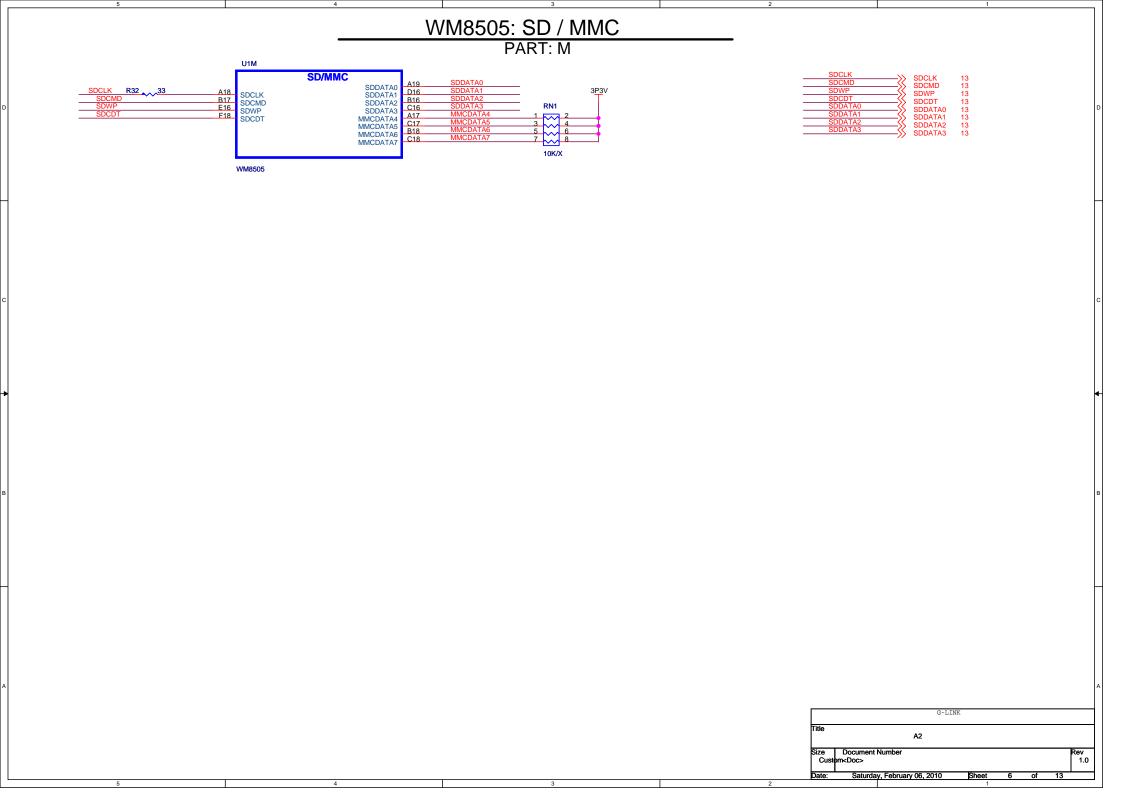
WM8505: DDR2 SDRAM



A3R1GE4CFF-G6E 64M x 16bit

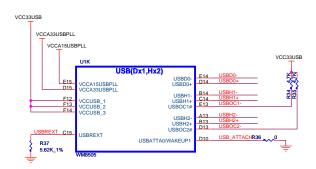






WM8505: I2S PART: I AC97/ I2S AC97BCLK/I2SDACBCLK
AC97RST#I2SDACMCLK
LI19
AC97RSTW
AC97SVNC/I2SDACLRC
AC97SVNC/I2SDACLRC
AC97SDI/I2SDACDAT
AC97SDI/I2SDACDAT
AC97SDI/I2SDACDAT
RESETOUT#I2SADCLRC
V20
AC97SDI
V21
AC97SDO
V21
AC97SDO
V21
AC97SDO
V21
AC97SDO
V21
AC97SDO (Mike) Size Document Number Custom<Doc> Rev 1.0 Saturday, February 06, 2010 Sheet 7 of 13

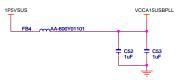
WM8505: USB (HOST+DEVICE) PART: K



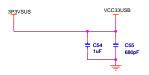
VCCA33USBPLL (suspend power)

```
VCCA33USBPLL
FB3 ____AA-600Y01101
```

VCCA33USBPLL (suspend power)

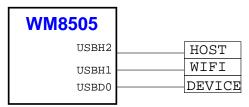


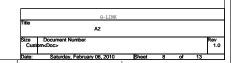
VCC33USB (suspend power)





(USBH2) to USB A TYPE HOST single right-angle connector. (USBH1) to WiFi miniCard connector (USBD0) to USB mini-B connector.





WM8510: DVO / LCD PART: L Damping Rs (put close to WM8510) --> deleted. no need! DVO/LCD E19 VDCLK
VDDEN
VDHSYNC
VDVSYNC

WM8505: I2C / KEYPAD

PART: R



WM8505: VDIN / CMOS / KEYPAD

PART: J



I2C ADDRESS TABLE:

•	BUS	DEVICE	FUNCTION	ADDRESS	_
	T2C0	VT1602	I2S Codec	0x34	_

VGA EDID:



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WM8505: GPIO+STRAPPING+WAKEUP

PART: P



* IMPORTANT: If IO board not use GPIO, please connect GND;

GPIO Pins: Function:

GPIO5

GPIO0	DCIN
GPIO1	CHARGE
GPIO2	Wifi POWER DN
GPIO3	MuteGPIO
GPIOA	PE POWER DN

DCIN Detect CHAEGE STATE Wifi_POWER_DN

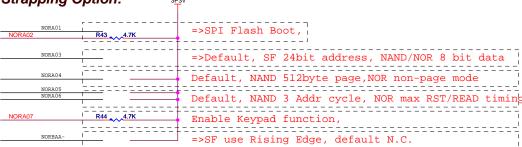
AC97/I2S Amp ShutDown/Mute GPIO:

RF_PWRDN Light_INT

GPIO6 To MP1530 LCD Power ENABLE

GPI07 SD Card Power

Strapping Option:



* IMPORTANT: Need PD in normal use.



STRAPPING TABLE:

PIN_NAME	RS	ON/OFF	Internal	DESCRIPTIONS
NORA0	R98	ON	PD	Debug Mode, default PD ext.
NORA[2:1]	R221,R109		PD,PD	NOR Boot
		ON-OFF		=>SPI Flash Boot,
NORA3	R220,	OFF	PD	=>Default, SF 24bit address, NAND/NOR 8 bit data
				PU ext. SF 32bit address, NAND/NOR 16 bit data
NORA4	R224	OFF	PD	Default, NAND 512byte page, NOR non-page mode
				PU ext. NAND 2K page, NOR page mode
NORA[6:5]	R223,R110	OFF-OFF	PD,PD	Default, NAND 3 Addr cycle, NOR max RST/READ tim
				PD,PU= NAND 4 Addr cycle
NORA7	R118		PD	Disable Keypad function, default N.C.
		ON		Enable Keypad function,
NORBAA-	R222	OFF	PD	=>SF use Rising Edge, default N.C.
				SF use Falling Edge , need PU ext.
SUSGPIO[A:	B] R204,R58		PD,PD	RGMII Mode.
		ON-OFF		=>MII MODE

WARMING:

ALL others strappings not listed above recommend to use internal settings as default. Otherwise un-expected results may encounter.

STRRAPPING:	
	5
→>> NORA02	5
	5
USB2 to WiFi Module:	

->> RF_POWER_DN 13 →>> Wifi_POWER_DN 13

Mute GPIO: GPIO3 →>> MuteGPIO 13

Detect DCIN

→>> DCIN

LCD CONTROL:

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UART/JTAG:

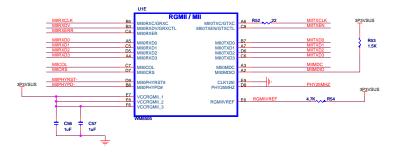






WM8505: RGMII/MII

PART: E



WM8505: PS2 KBDC



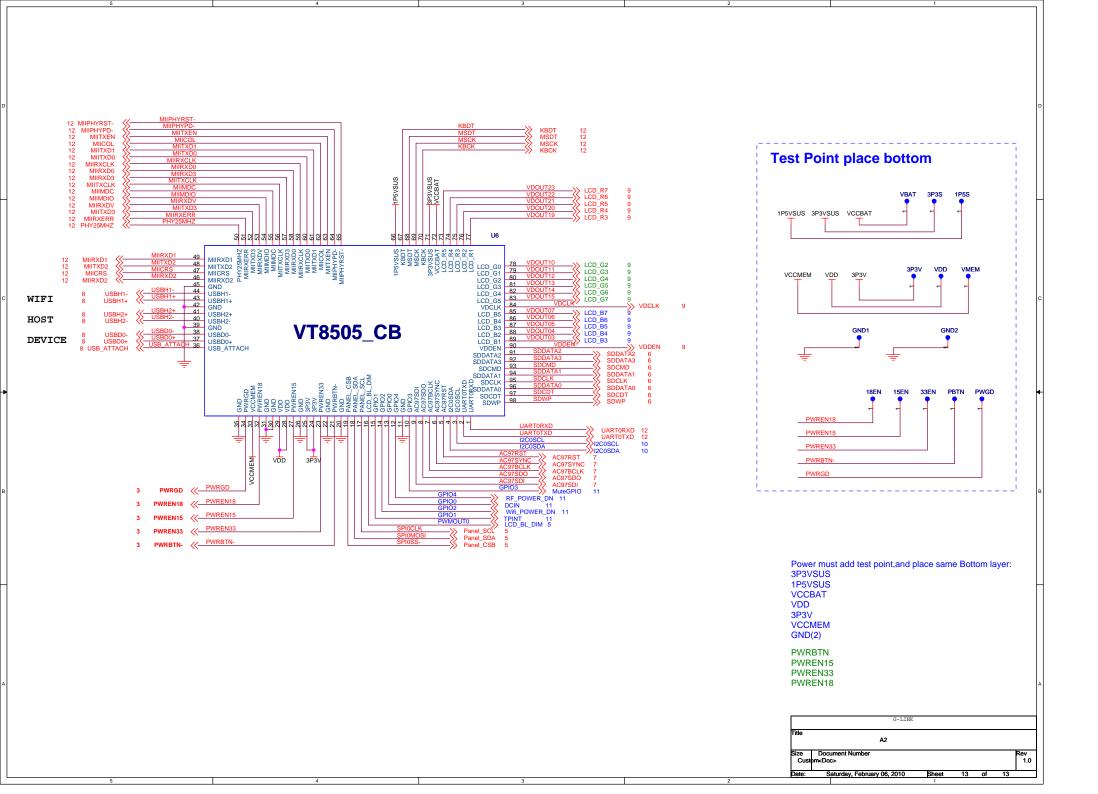
VGA (DAC):

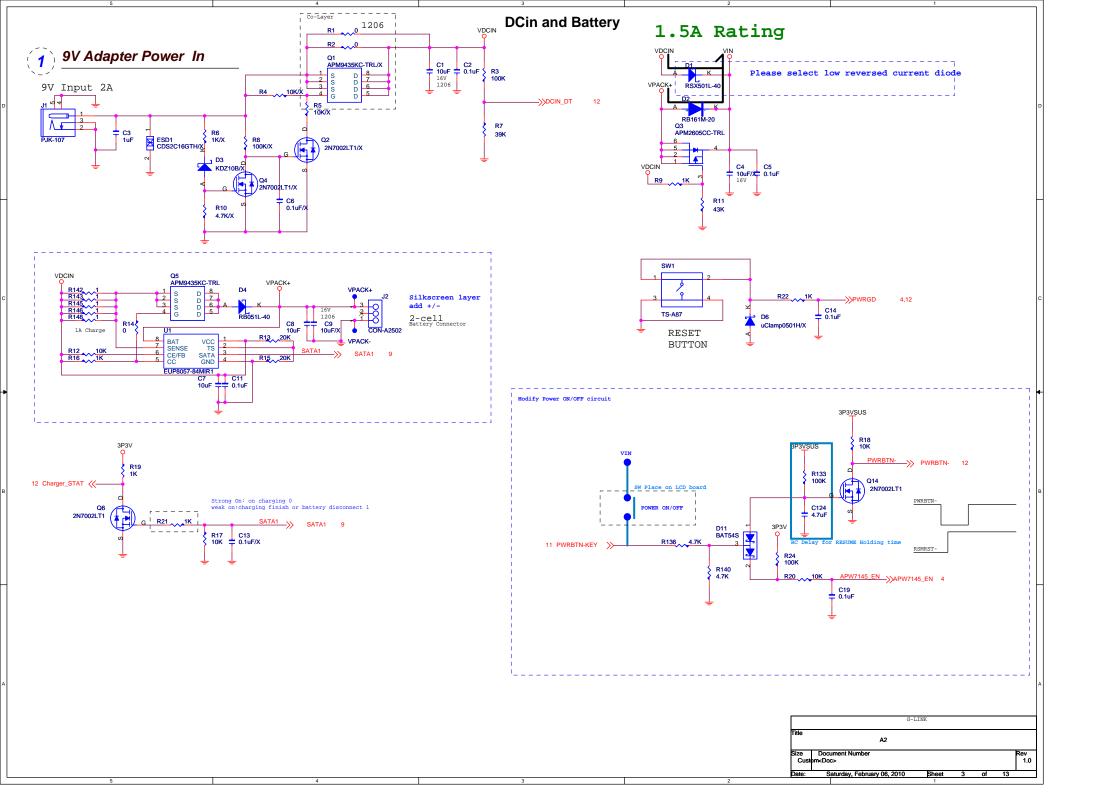


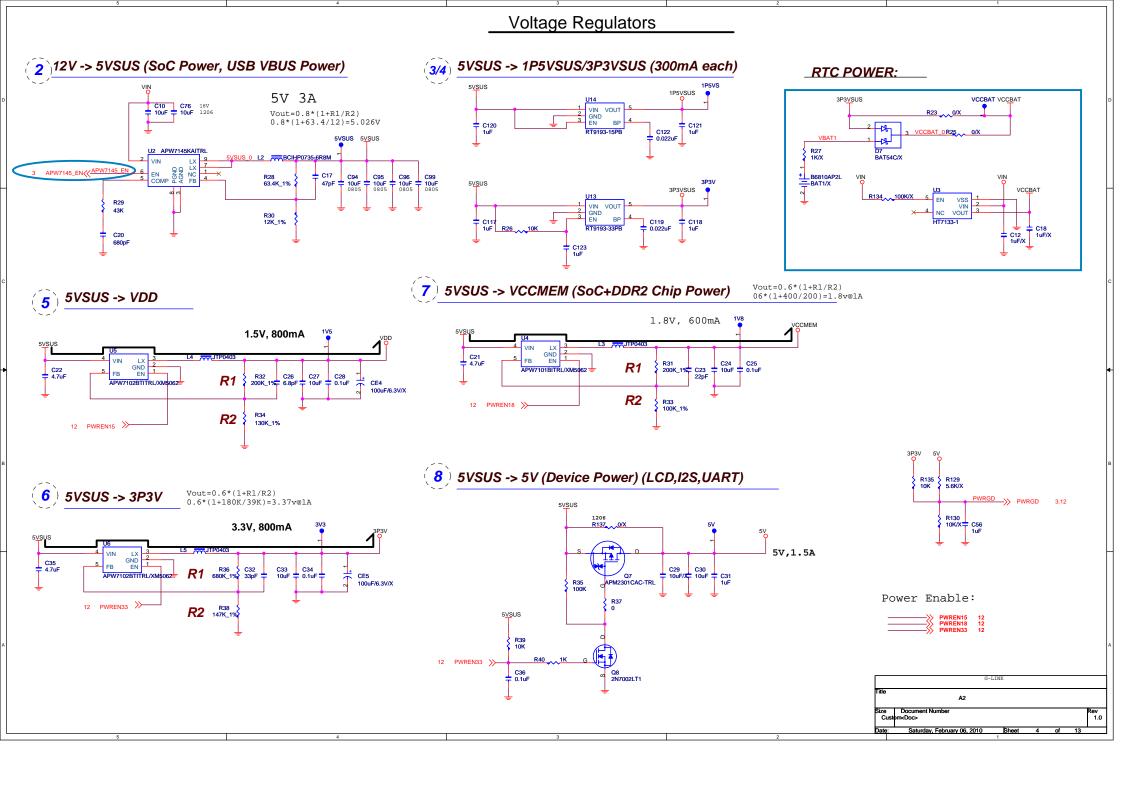






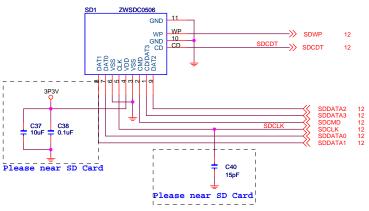




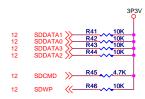


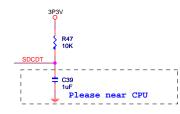
SD Socket (SD/MMC only)

SD/MMC Card

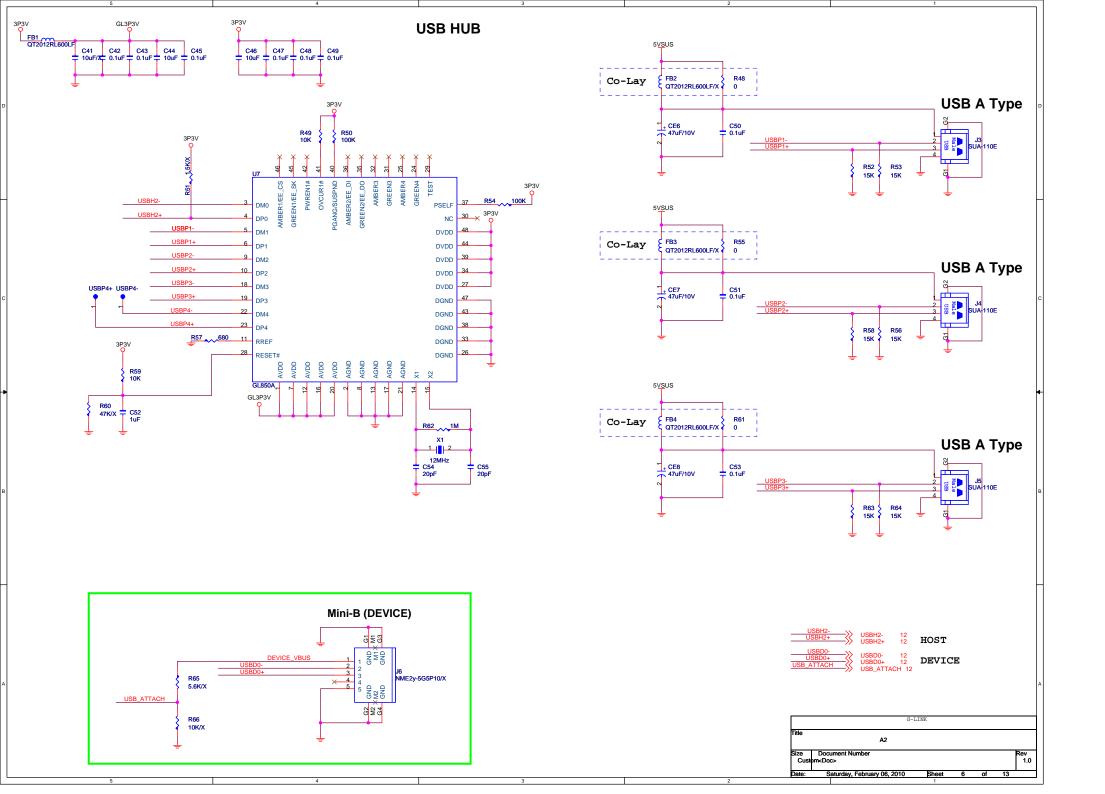


PU Resistors:

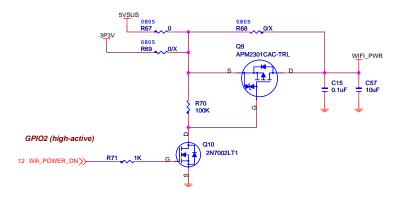




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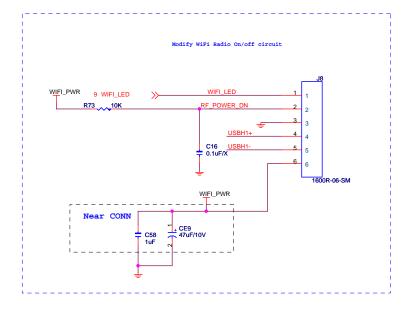
3.3V WiFi POWER:



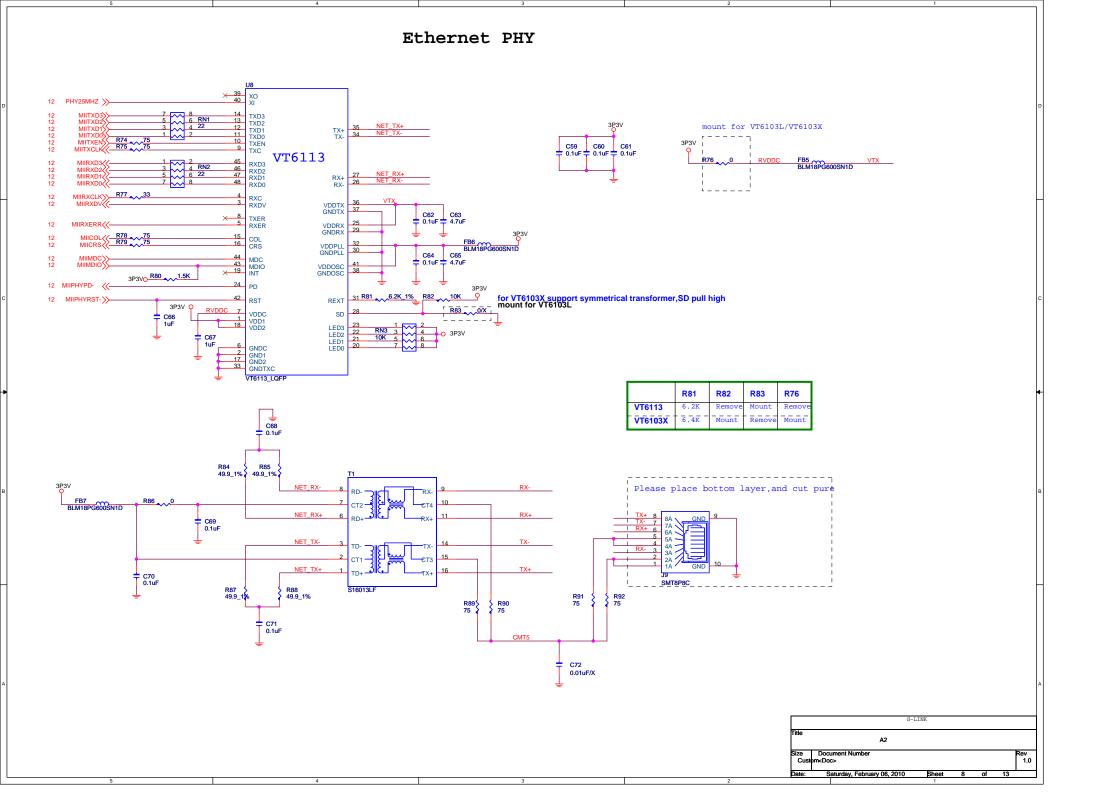
12 USBH1-12 USBH1+ USBH1+

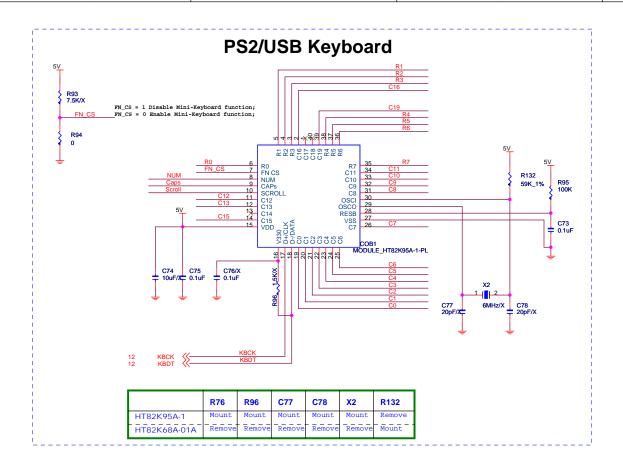
WiFi Mini-Card Connector (ref to standard PCIE-minicard)

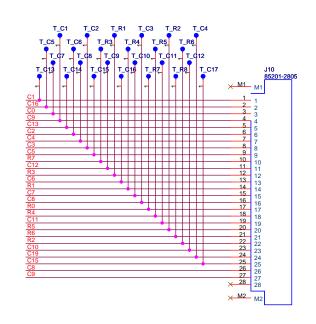
Delete WiFi Mini-card Connector

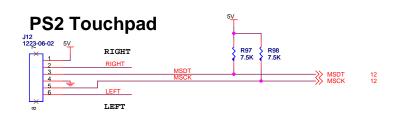


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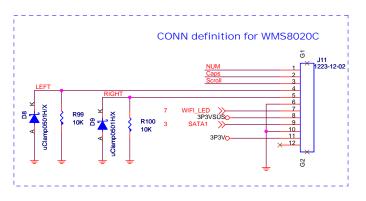


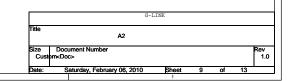


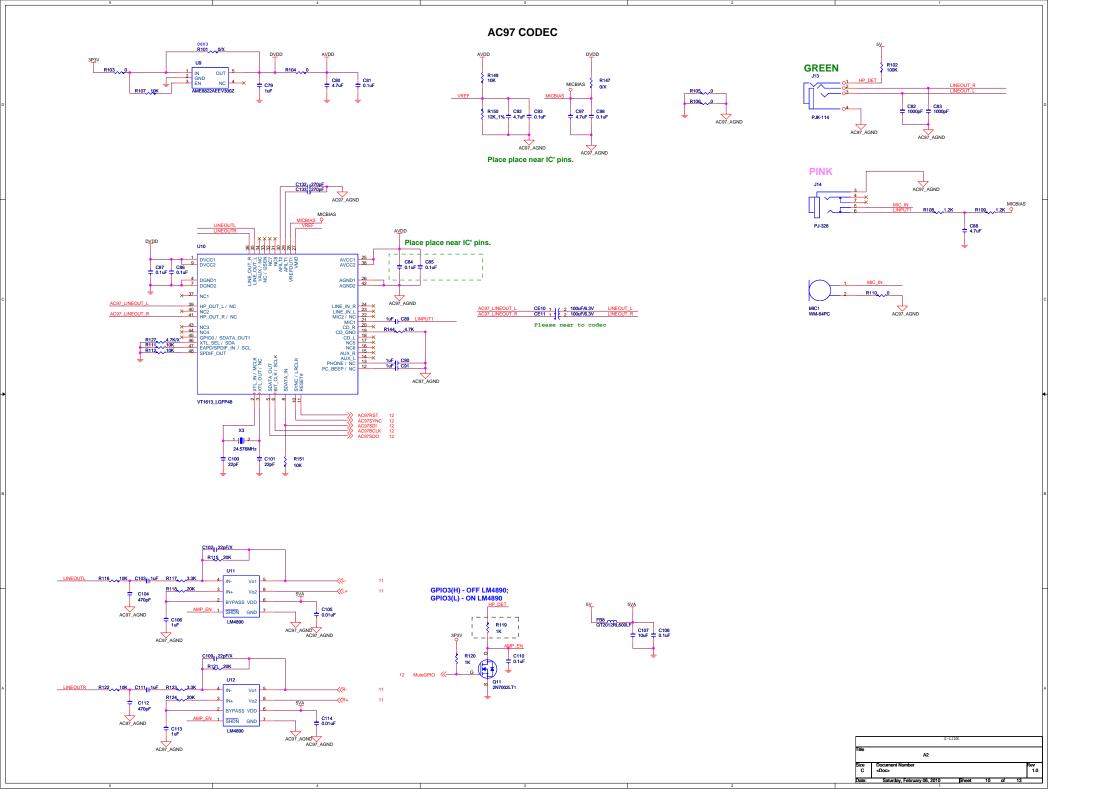


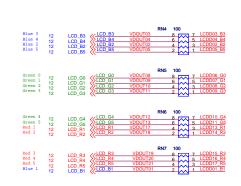
Reversed for debug

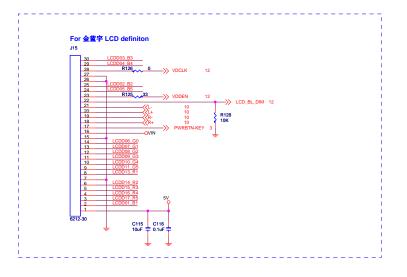












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