

EEE PC 1000HD PCB version

GPI29	GPI31	PCB version
0	0	1.0G
0	1	
1	0	
1	1	

USB

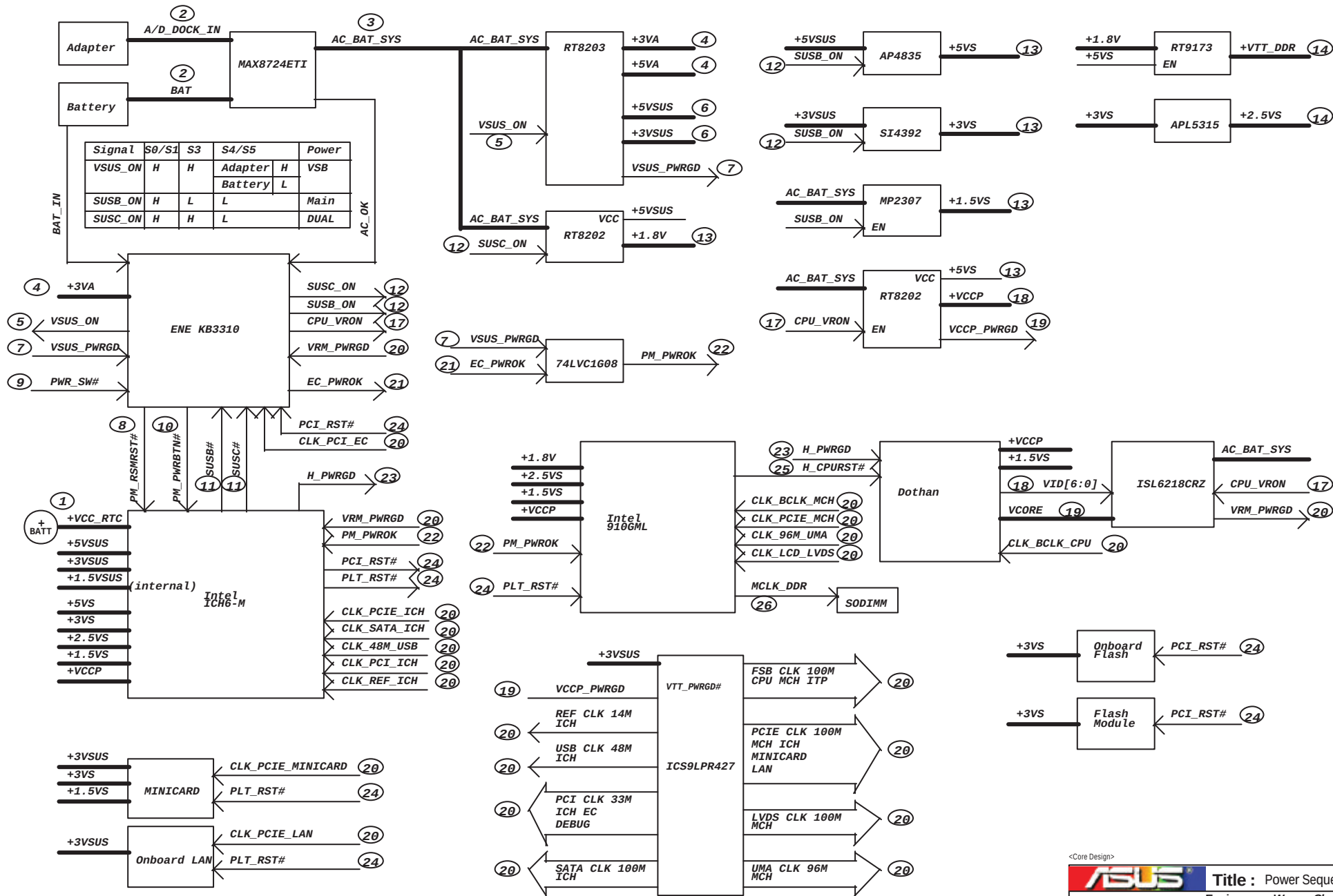
USB0	Flash Conn
USB1	USB Conn
USB2	USB Conn
USB3	USB Conn
USB4	Card Reader
USB5	Minicard
USB6	BT
USB7	Camera

PCIE

PCIE1	NC
PCIE2	LAN
PCIE3	Minicard
PCIE4	Minicard

Azalia

ACZ_SDIN0	CODEC
ACZ_SDIN1	NC
ACZ_SDIN2	NC



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<Core Design>

EC KB3310 GPIO SETTING

Pin	Pin Name	Signal Name	Type	Note
1	GPIO00/GA20	A20GATE	O	
2	GPIO01/KBRST#	RC_IN#	O	
6	GPIO04	HOTKEY_SW0#	I	Internal pullhigh
13	GPIO05/PCIRST#	PCI_RST#	I	
14	GPIO07	HOTKEY_SW1#	I	Internal pullhigh
15	GPIO08	EXTSM#	OD	10K pull high to +3VSB
16	GPIO0A	LID_EC#	I	0- LidOff, 1-LidOn. Internal PullUp
17	GPIO0B/ESB_CLK	NC	O	
18	GPIO0C/ESB_DAT	NC	O	
19	GPIO0D	HOTKEY_SW2#	I	Internal pullhigh
20	GPIO0E/SC#	EXT_SC#	O	10K pull high to +3VSB
21	GPIO0F/PWM0	BL_PWM_DA	O	
23	GPIO10/PWM1	BATSEL_4P#	I	battery charging current setting
25	GPIO11/PWM2	PM_PWRBTN#	OD	Internal pull high in ICH
26	GPIO12/FANPWM1	FAN0_PWM	O	CPU Fan
27	GPIO13/FANPWM2	FAN1_PWM	O	VGA Fan
28	GPIO14/FANFB1	FAN0_TACH	I	CPU FanTach
29	GPIO15/FANFB2	FAN1_TACH	I	VGA FanTach
30	GPIO16/E51_TX	E51_TX	O	RS232 debugport
31	GPIO17/E51_RX	E51_RX	I	RS232 debugport
32	GPIO18	PWR_SW#	I	power button, internal pullup
34	GPIO19/PWM3	MAIL_LED#	O	
36	GPIO1A/NUMLED	NUM_LED#	O	
38	GPIO1D/CLKRUN#	CHG_LED_GREEN#	O	Green LED for charging
39	GPIO20/KSO0/TP_TEST	KSO0	O	
40	GPIO21/KSO1/TP_PLL	KSO1	O	
41	GPIO22/KSO2	KSO2	O	
42	GPIO23/KSO3	KSO3	O	
43	GPIO24/KSO4	KSO4	O	
44	GPIO25/KSO5	KSO5	O	
45	GPIO26/KSO6	KSO6	O	
46	GPIO27/KSO7	KSO7	O	
47	GPIO28/KSO8	KSO8	O	
48	GPIO29/KSO9	KSO9	O	
49	GPIO2A/KSO10	KSO10	O	
50	GPIO2B/KSO11	KSO11	O	
51	GPIO2C/KSO12	KSO12	O	
52	GPIO2D/KSO13	KSO13	O	
53	GPIO2E/KSO14	KSO14	O	
54	GPIO2F/KSO15	KSO15	O	
55	GPIO30/KSI0	KSI0	I	Internal pullhigh
56	GPIO31/KSI1	KSI1	I	Internal pullhigh
57	GPIO32/KSI2	KSI2	I	Internal pullhigh
58	GPIO33/KSI3	KSI3	I	Internal pullhigh
59	GPIO34/KSI4	KSI4	I	Internal pullhigh
60	GPIO35/KSI5	KSI5	I	Internal pullhigh
61	GPIO36/KSI6	KSI6	I	Internal pullhigh
62	GPIO37/KSI7	KSI7	I	Internal pullhigh
63	GPIO38/AD0	BAT_I_CHG	I	
64	GPIO39/AD1	BAT_CONFIG	I	Battery configuration
65	GPIO3A/AD2	BAT_SENSE	I	Battery Voltage Sensor
66	GPIO3B/AD3	BAT_TS	I	Battery Thermal Sensor
68	GPO3C/DA0	DOC	O	Trigger Clock Gen

EC KB3310 Other Pin SETTING

Pin	Pin Name	Signal Name	Type	Note
3	SERIRQ	INT_SERIRQ	I/OD	10K pull high to +3V
4	LFRAME#	LPC_FRAME#	I	
5	LAD3	LPC_AD3	I/O	
7	LAD2	LPC_AD2	I/O	
8	LAD1	LPC_AD1	I/O	
9	VCC	+3VA_EC	P	
10	LAD0	LPC_AD0	I/O	
11	GND	GND	P	
12	PCICLK	CLK_PCI_EC	I	
22	VCC	+3VA_EC	P	
24	GND	GND	P	
33	VCC	+3VA_EC	P	
35	GND	GND	P	
37	ECRST#	EC_RST#	I	100K pull high to +3VA_EC
67	AVCC	+3VACC	P	
69	AGND	AGND	P	
94	GND	GND	P	
96	VCC	+3VA_EC	P	
111	VCC	+3VA_EC	P	
113	GND	GND	P	
119	RD#/SPID	SPI_SO	I	
120	WR#/SPID	SPI_SI	O	
112	XLCKI	32KXCLKI	I	
123	XLCKO	32KXCLKO	O	
124	V18R	V18R	P	Reserved 1uF to GND
125	VCC	+3VA_EC	P	
128	SPICS#/SELMEM#	SPI_CE#	O	

Pin	Pin Name	Signal Name	Type	Note
70	GPO3D/DA1	LCD_BACKOFF#	O	
71	GPO3E/DA2	CLK_PWRSERVE#	O	
72	GPO3F/DA3	BAT_LL#	O	Battery LowLow
73	GPIO40	AC_OK	I	AC Adaptor PlugIn
74	GPIO41	EC_RSMRST#	O	10K pull down to GND
75	GP42	BAT_IN	I	
76	GP43	CLRTC_EC	I	
77	GPIO44/SCL1	SMB0_CLK	I/OD	4.7K pull high to +3VA_EC
78	GPIO45/SDA1	SMB0_DAT	I/OD	4.7K pull high to +3VA_EC
79	GPIO46/SCL2	SMB1_CLK	I/OD	10K pull high to +3V
80	GPIO47/SDA2	SMB1_DAT	I/OD	10K pull high to +3V
81	GPIO48/KSO16	NC	I	for KB type detection
82	GPIO49/KSO17	NC	I	for KB type detection
83	GPIO4A/PSCLK1	NC	O	LCD_SCL
84	GPIO4B/PSDAT1	NC	O	LCD_SDA
85	GPIO4C/PSCLK2	NC	O	LCD_CSB
86	GPIO4D/PSDAT2	NC	O	LCD_VSYNC
87	GPIO4E/PSCLK3	TP_CLK	I/OD	10K pull high to +3V
88	GPIO4F/PSDAT3	TP_DAT	I/OD	10K pull high to +3V
89	GPIO50/SEL0#	BATSEL_3S	O	Battery series, H:3S, L:4S
90	GPIO52/E51_CS#	CHG_LED_UP#	O	
91	GPIO53/CAPLED	CAP_LED#	O	
92	GPIO54	PWR_LED_UP	O	
93	GPIO55/SCRLED	SCRLED	O	
95	GPIO56	HOTKEY_SW3#	I	Internal pullhigh
97	GPXOA00/SDICS#	SPI_MODE#	O	4.7K pull down to GND
98	GPXOA01/SDICLK	SUSC_ON	O	
99	GPXOA02/SDIDO	VSUS_ON	O	
100	GPXOA03	CPU_VRON	O	
101	GPXOA04	SUSB_ON	O	
102	GPXOA05	EC_PWROK	O	
103	GPXOA06	PM_LEVELDOWN#	O	
104	GPXOA07	CHG_EN#	O	Battery charging enabled
105	GPXOA08	PRECHG	O	
106	GPXOA09	SPI_WP#	O	
107	GPXOA10	OP_SD#	O	Audio OP
108	GPXOA11	BAT_LEARN	O	
109	GPXID0/SDIDI	BATSEL_2P#	O	Battery parallel, H:1P, L:2P, 3P
110	GPXID1	CPU_LEVELDOWN#	O	
112	GPXID2	THRO_CPU	O	Active if CPU temperature over spec
114	GPXID3	PM_SUSB#	I	100K pull down to GND
115	GPXID4	PM_SUSC#	I	100K pull down to GND
116	GPXID5	VRM_PWRGD	I	Pull high to +3V
117	GPXID6	VSUS_PWRGD	I	
118	GPXID7	BATSEL_LiFe	O	
121	GPIO57	INTERNET#	I	Internal pullhigh
126	GPIO57/SPICLK	SPI_CLK	O	
127	GPIO59/TEST_CLK	NC	O	Internal pullhigh

<Core Design>

		Title : EC Pin Define	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size A3	Project Name 904HD	Rev 1.3G	
Date: Tuesday, July 01, 2008	Sheet	4	of 49

1.0G From 1000H 2008.3.31.2030 circuit

- 1.Change CPU to Dothan
- 2.Change NB to 910GML
- 3.Change SB to ICH6-M
- 4.VCORE control change to ISL6218CRZ

1.1G

- 1.Change Project name to 1000D
- 2.Support LiFe Battery
- 3.Add speaker connect

1.2G

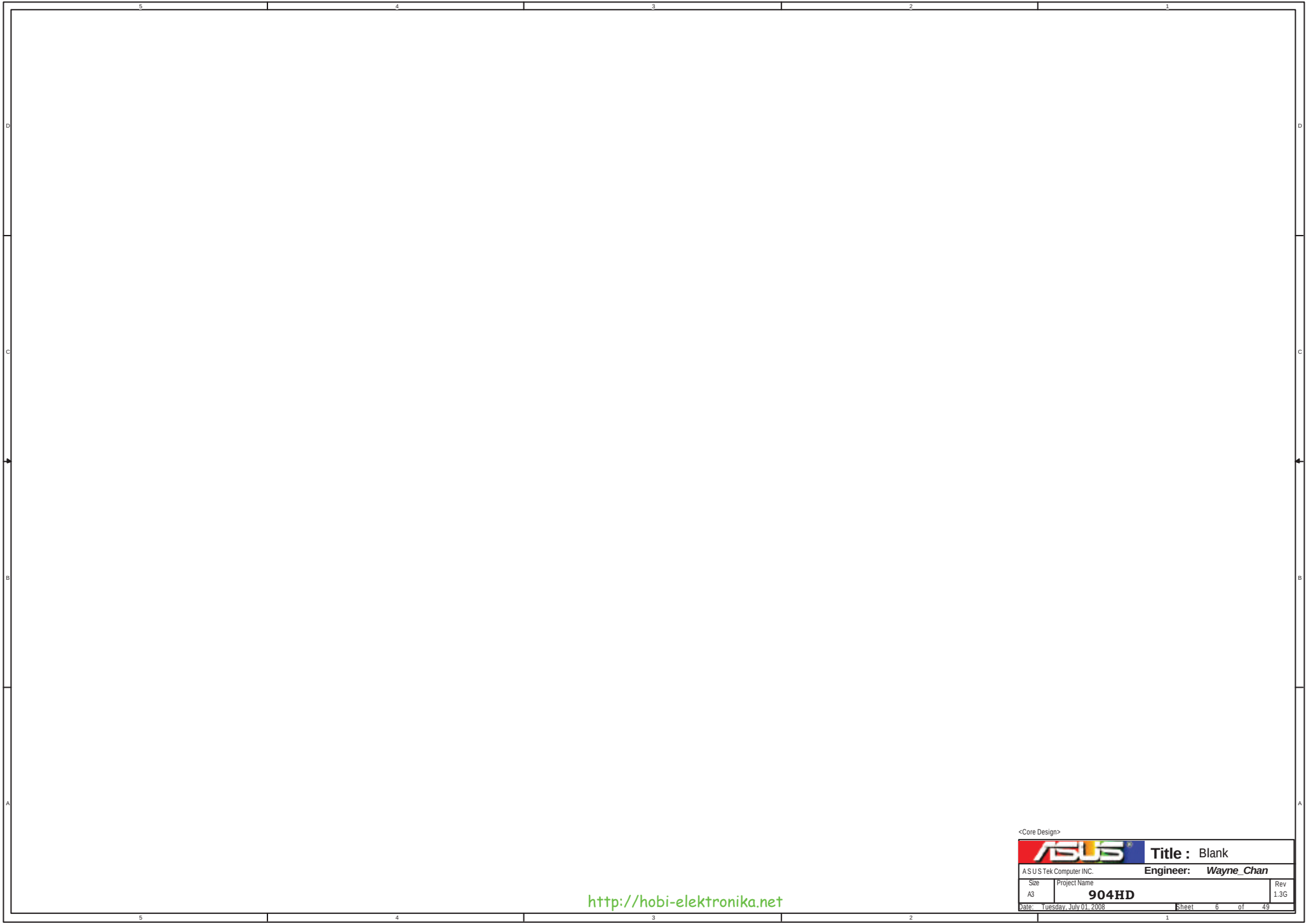
- 1.Change Project name to 1000HD
- 2.Modify page 45.
- 3.Add and reserved CE1 CE5 CE6 for USB port
- 4.Modify schematic of LED
- 5.Remove Capacitor of Microphone from clock and data signal
- 6.Add page33 Hotkey de-bounced related schematic
- 7.Add page23 PERST#pull down 1M ohm

1.3G

- 1.Change net BAT_TS pull up to +3VA_AEC
- 2.Change SD1.2 pull up to +3VA_AEC
- 3.Add and reserved R287,R288,R289,R290 for USB power
- 4.Add PR670,PR671
- 5.Add PR483,PR42, PR230, PR231,remove PJP400

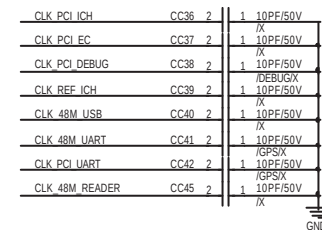
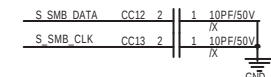
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		Title : History	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size A3	Project Name 904HD		Rev 1.3G
Date: Tuesday, July 01, 2008		Sheet	5 of 49

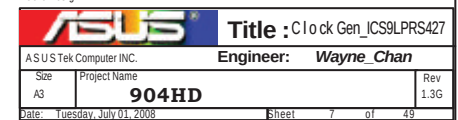


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ASUS Tek Computer INC.		Engineer: Wayne Chan
Size A3	Project Name 904HD	Rev 1.3G
Date: Tuesday, July 01, 2008		
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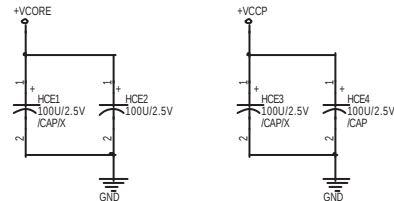
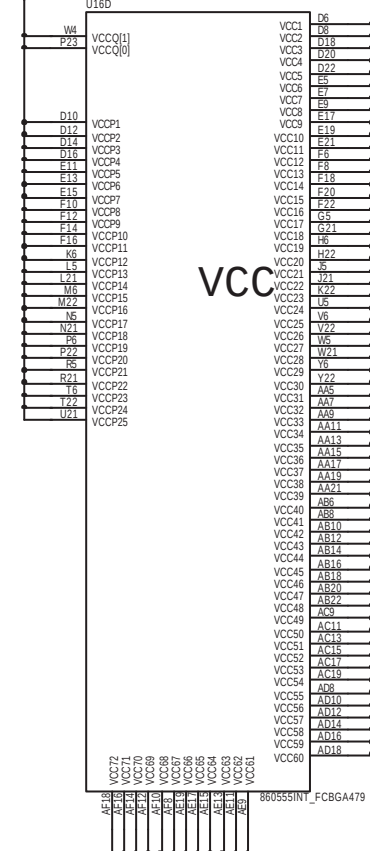


FSC	FSB	FSA	CPU	PCIE	SATA
0	0	1	133	100	100
1	0	1	100	100	100

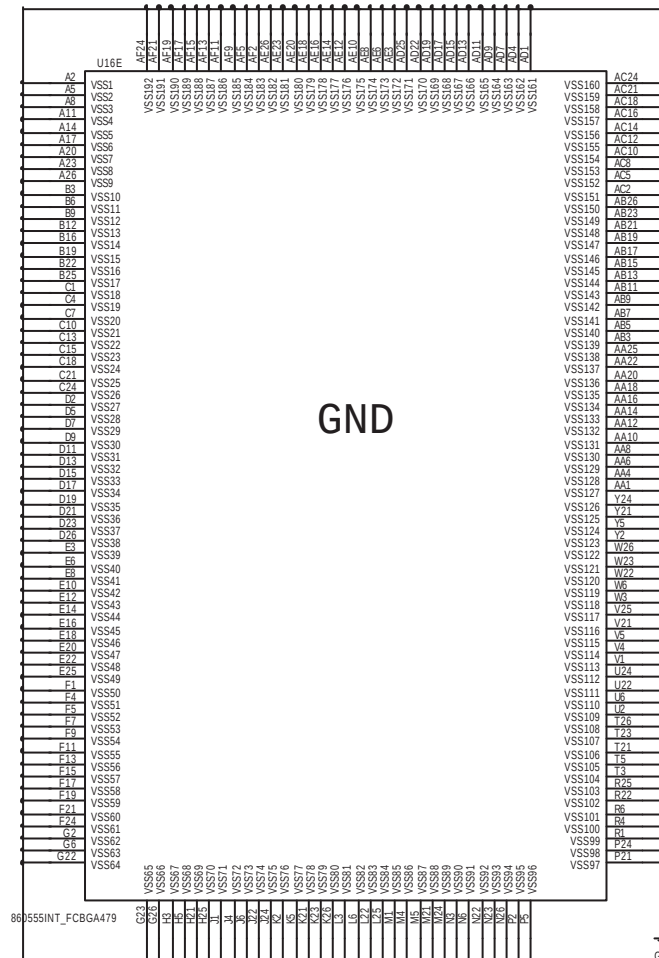
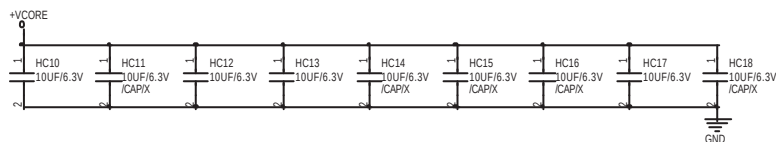
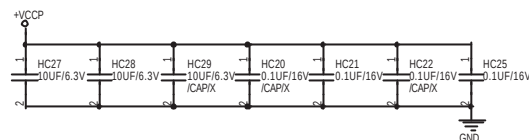
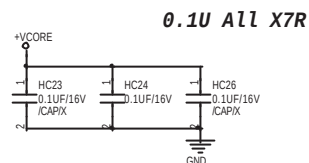




+VCCP 2.5 A +VCCORE Celeron-M(Dothan) ULV max 7 A



U16 use 01G011920000PM



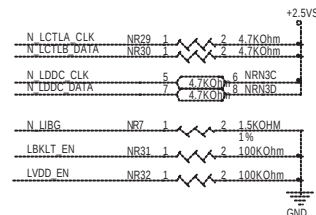
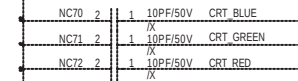
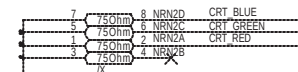
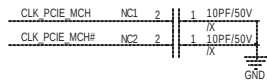
GND

<Core Design>

ASUS		Title : Dothan_PWR_GND	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3	904HD	1.3G	
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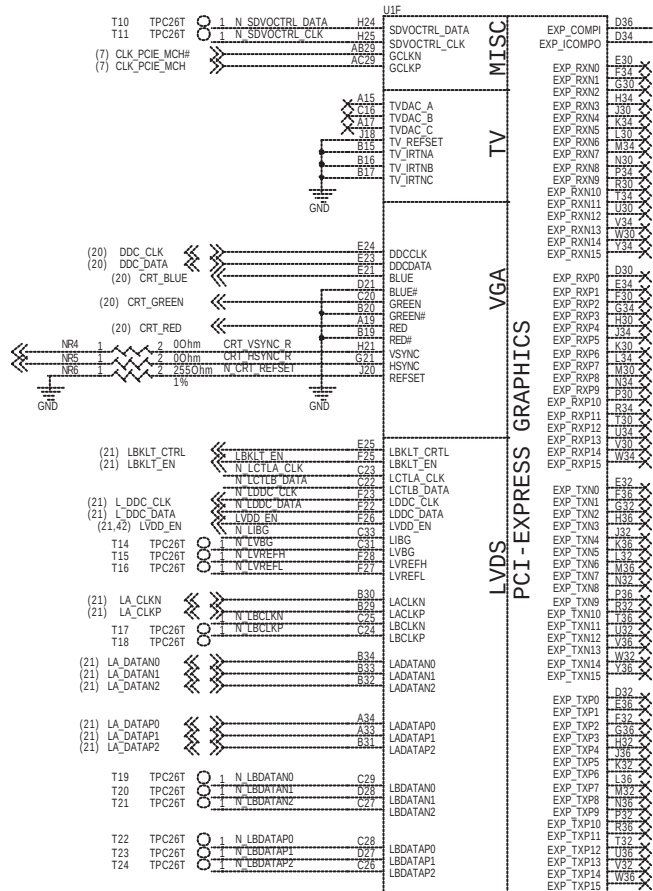




SDVO SMBus have
internal pull down

SDVOCTRL_DATA Int PD
0 : No SDVO device
1 : SDVO device present

U1 use 02G010007612



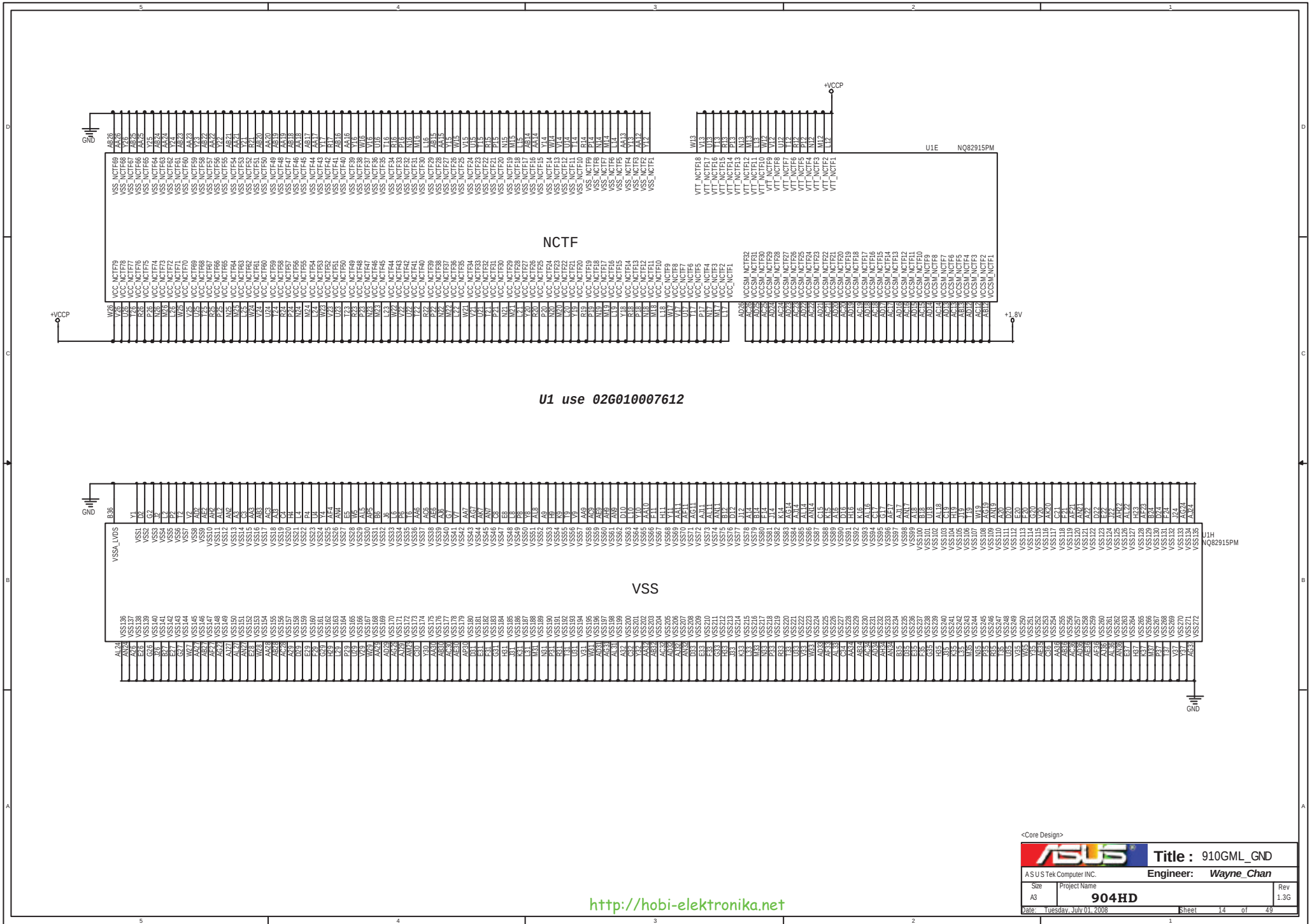
PCI-E signals can be left NC, if unused.

NQ82915PM

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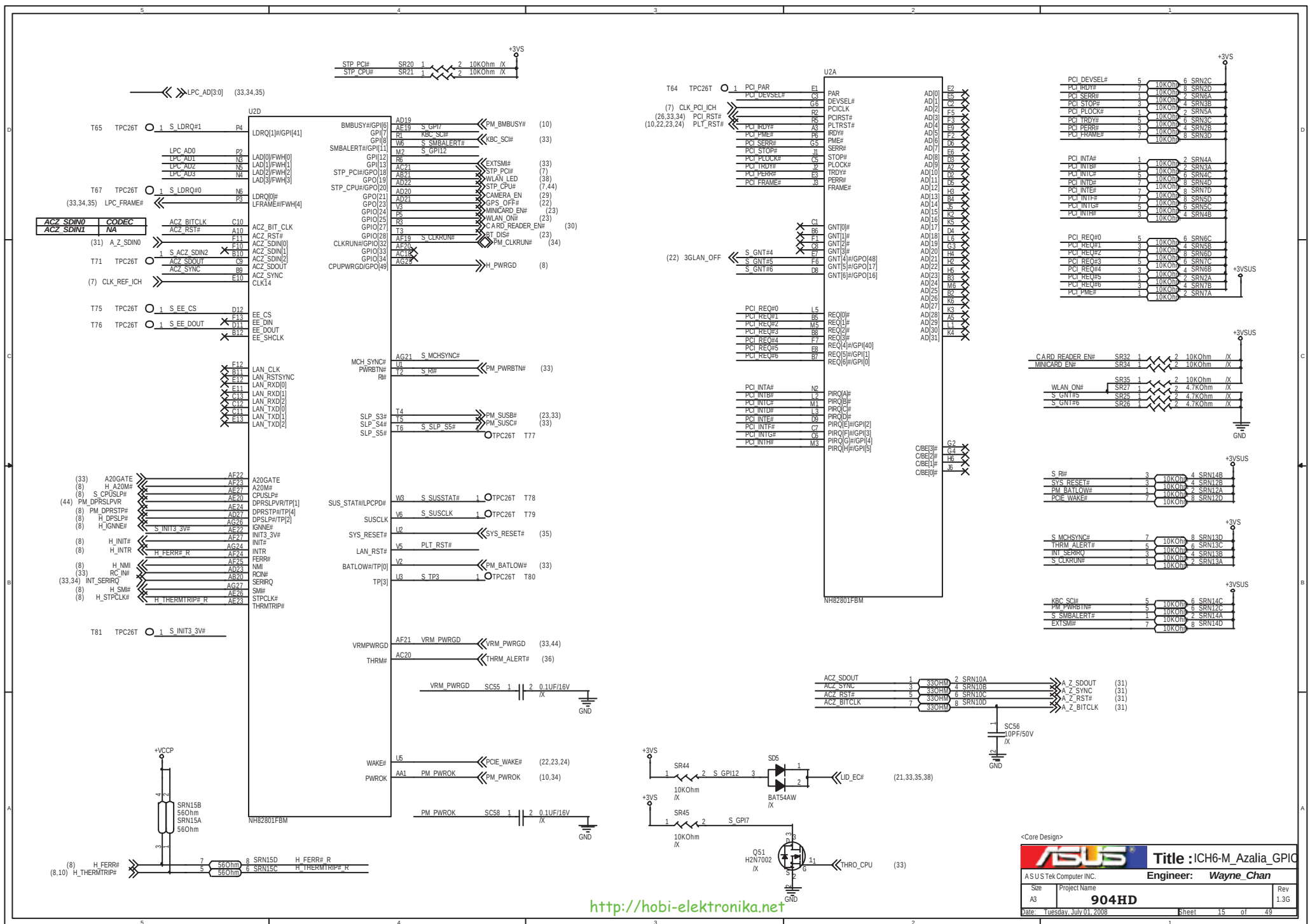
ASUS		Title : 910GML_VGA_LVDS	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size A3	Project Name 904HD	Rev 1.3G	
Date: Tuesday, July 01, 2008	Sheet	12	of 49

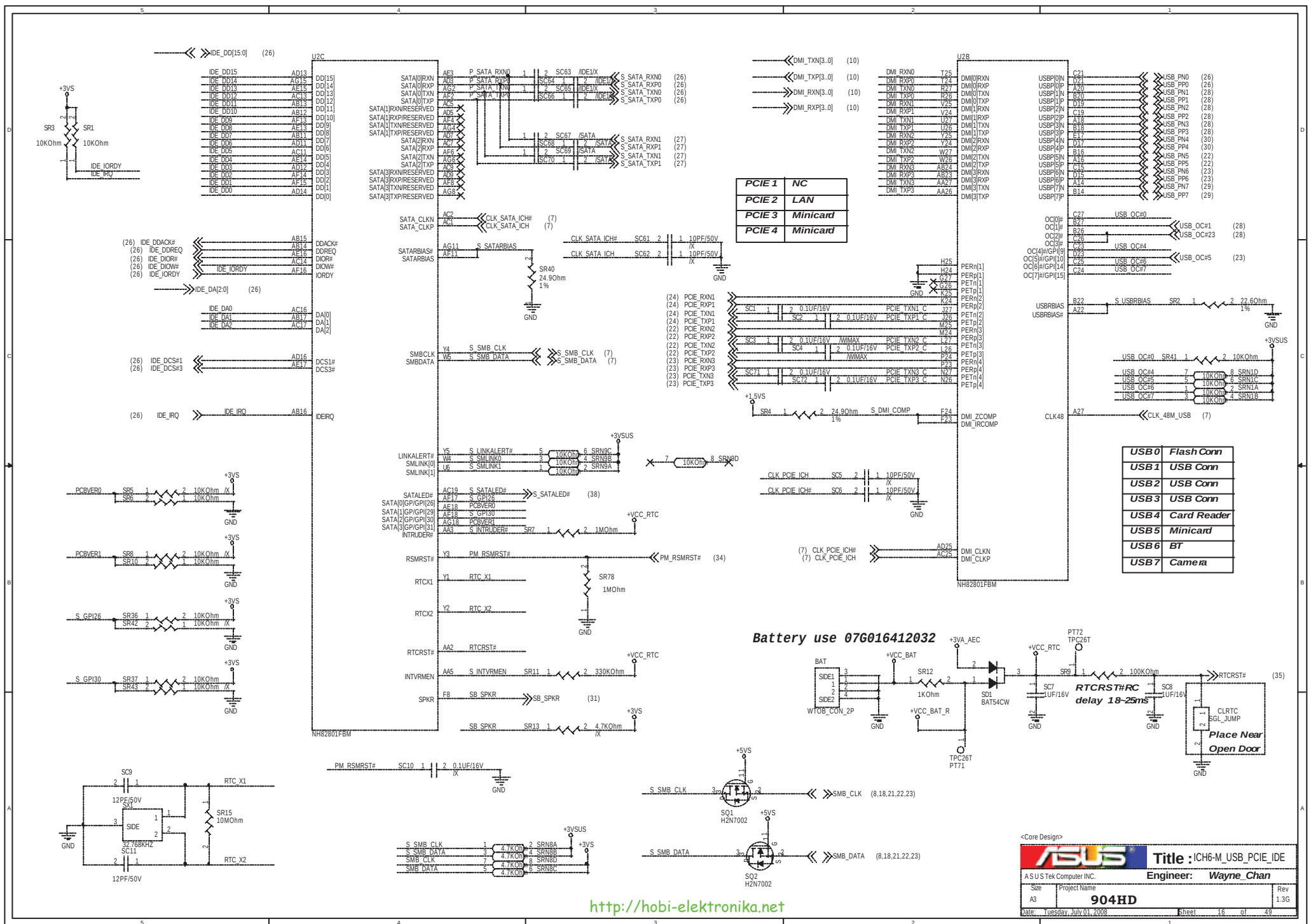
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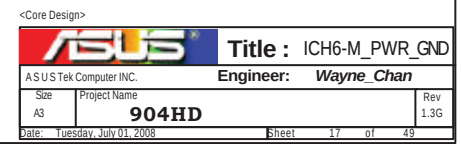


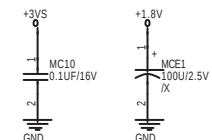
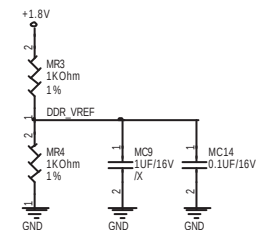
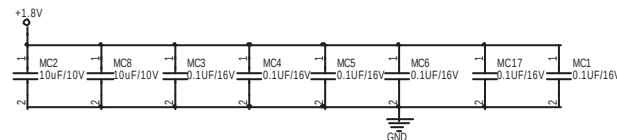
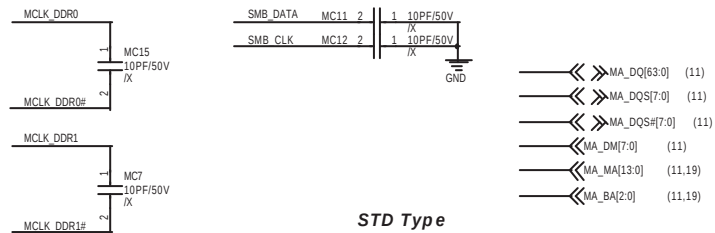
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ASUS		Title : 910GML_GND	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size A3	Project Name 904HD		Rev 1.3G
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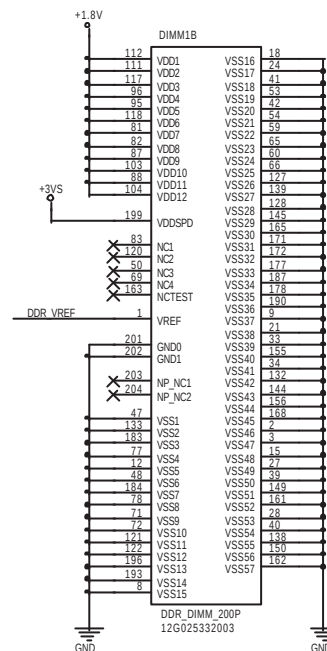




DIMM1A			
MA MA0	102	A0	DQ0
MA MA1	101	A1	DQ1
MA MA2	100	A2	DQ2
MA MA3	99	A3	DQ3
MA MA4	98	A4	DQ4
MA MA5	97	A5	DQ5
MA MA6	94	A6	DQ6
MA MA7	92	A7	DQ7
MA MA8	93	A8	DQ8
MA MA9	91	A9	DQ9
MA MA10	105	A10AP	DQ10
MA MA11	90	A11	DQ11
MA MA12	89	A12	DQ12
MA MA13	116	A13	DQ13
	86	A14	DQ14
	84	A15	DQ15
MA BA2	85	A16 BA2	DQ16
			DQ17
MA BA0	107	BA0	DQ18
MA BA1	106	BA1	DQ19
	110	DQ#	DQ20
(10,19) MA_CS#0	115	S1#	DQ21
(10,19) MA_CS#1	30	CK0	DQ22
(10) MCLK_DDR0	82	CK0#	DQ23
(10) MCLK_DDR0H	164	CK1	DQ24
(10) MCLK_DDR1#	166	CK1#	DQ25
(10) MCLK_DDR1#	79	CKE0	DQ26
(10,19) MA_CKE0	80	CKE1	DQ27
(10,19) MA_CKE1	113	CAS#	DQ28
(11,19) MA_CAS#	108	RAS#	DQ29
(11,19) MA_RAS#	109	WE#	DQ30
(11,19) MA_WE#	199	SA0	DQ31
	200	SA1	DQ32
(8,16,21,22,23) SMB_CLK	197	SCL	DQ33
(8,16,21,22,23) SMB_DATA	195	SQA	DQ34
(10,19) MA_ODT0	114	DQ35	DQ35
(10,19) MA_ODT1	119	DQ36	DQ36
		ODT0	DQ37
		ODT1	DQ38
MA DM0	10	DM0	DQ39
MA DM1	26	DM1	DQ40
MA DM2	52	DM2	DQ41
MA DM3	67	DM3	DQ42
MA DM4	130	DM4	DQ43
MA DM5	147	DM5	DQ44
MA DM6	170	DM6	DQ45
MA DM7	185	DM7	DQ46
			DQ47
MA DQS0	13	DQS0	DQ48
MA DQS1	31	DQS1	DQ49
MA DQS2	51	DQS2	DQ50
MA DQS3	70	DQS3	DQ51
MA DQS4	131	DQS4	DQ52
MA DQS5	148	DQS5	DQ53
MA DQS6	169	DQS6	DQ54
MA DQS7	188	DQS7	DQ55
MA DQS#0	11	DQS#0	DQ56
MA DQS#1	29	DQS#1	DQ57
MA DQS#2	49	DQS#2	DQ58
MA DQS#3	68	DQS#3	DQ59
MA DQS#4	129	DQS#4	DQ60
MA DQS#5	146	DQS#5	DQ61
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MA DQS#7	186	DQS#7	DQ63

DDR_DIMM_200P
12G025332003

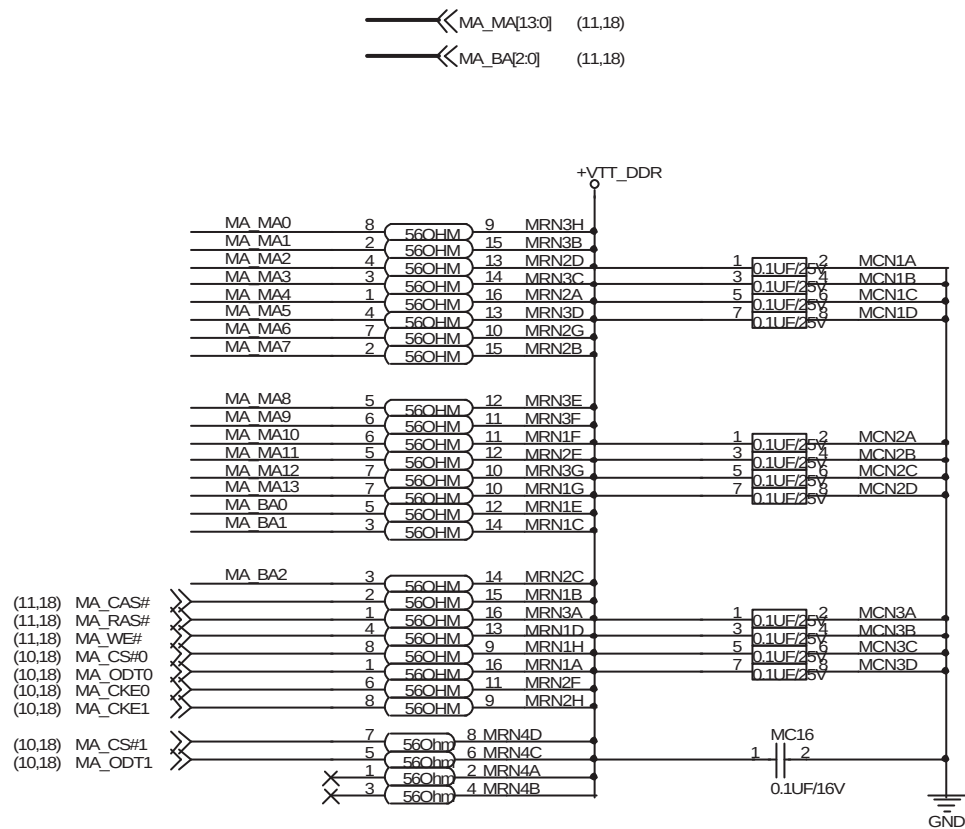
GROUP1
GROUP2
SWAP



<Core Design>

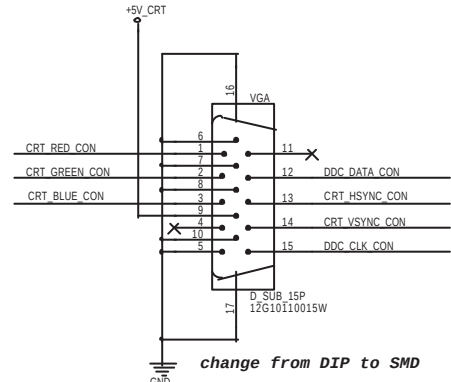
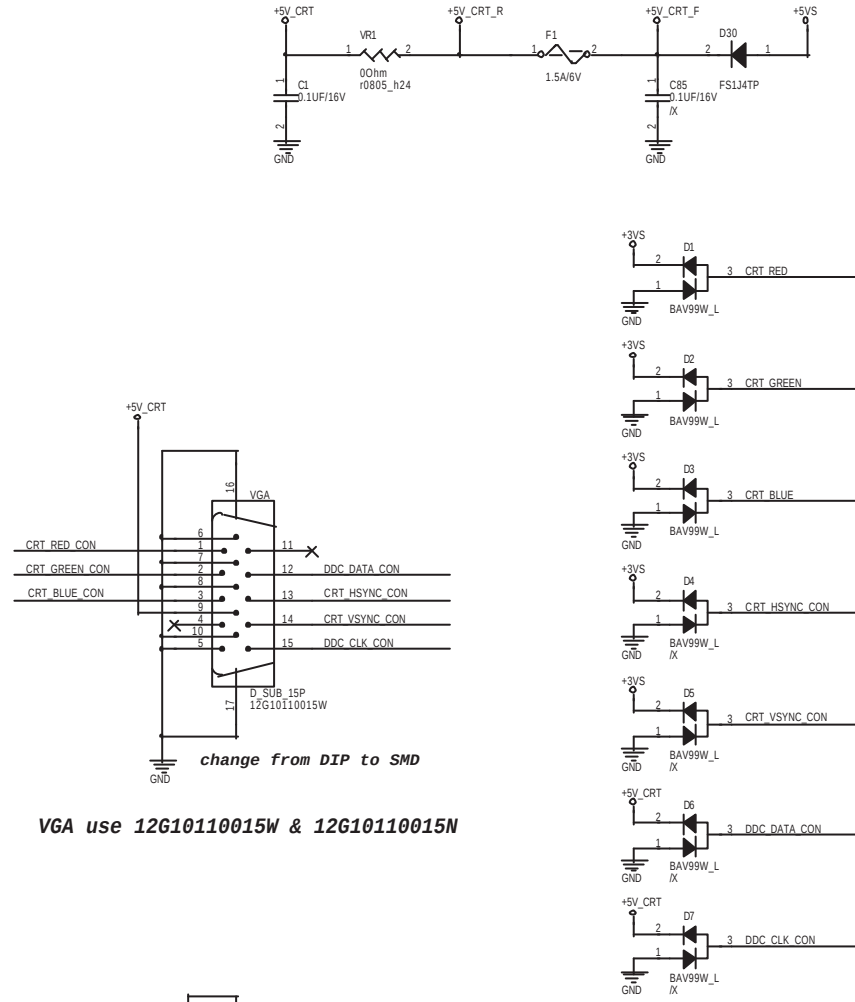
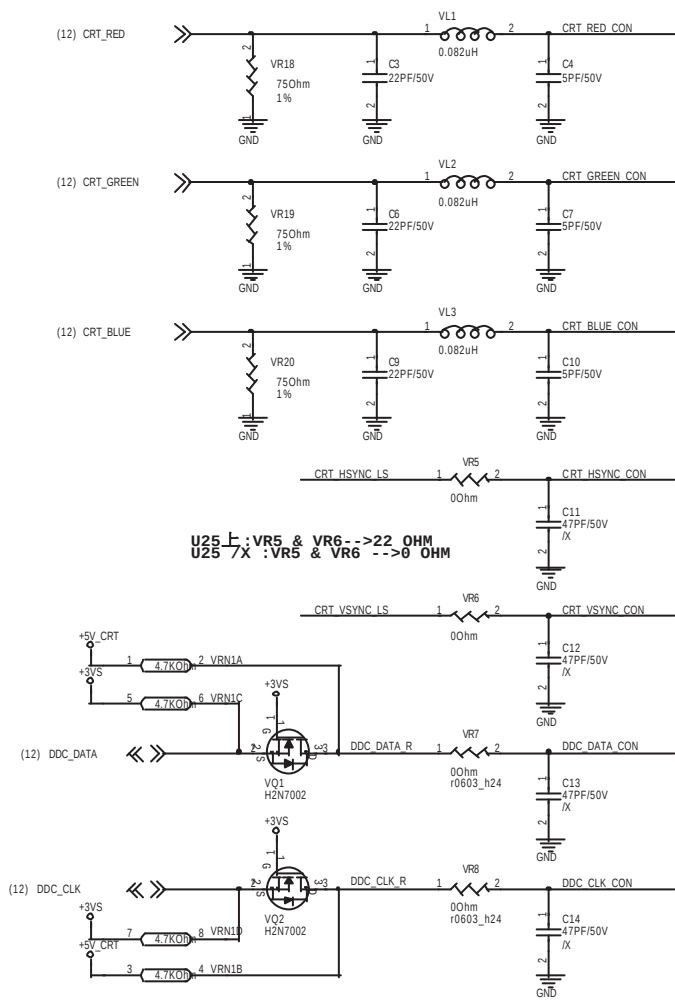
ASUS		Title : DDR2 SODIMM	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3	904HD	1.3G	
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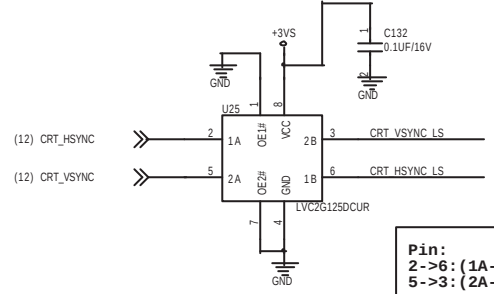


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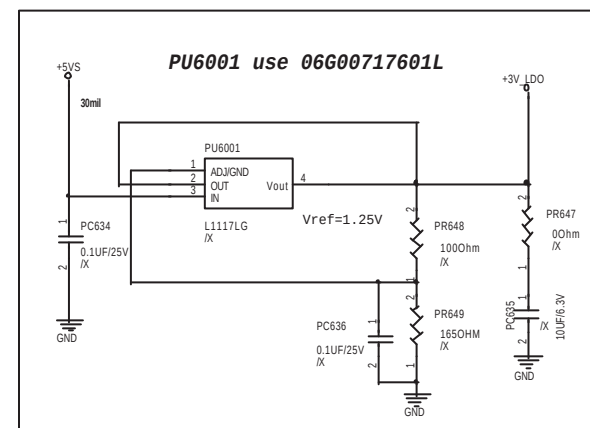
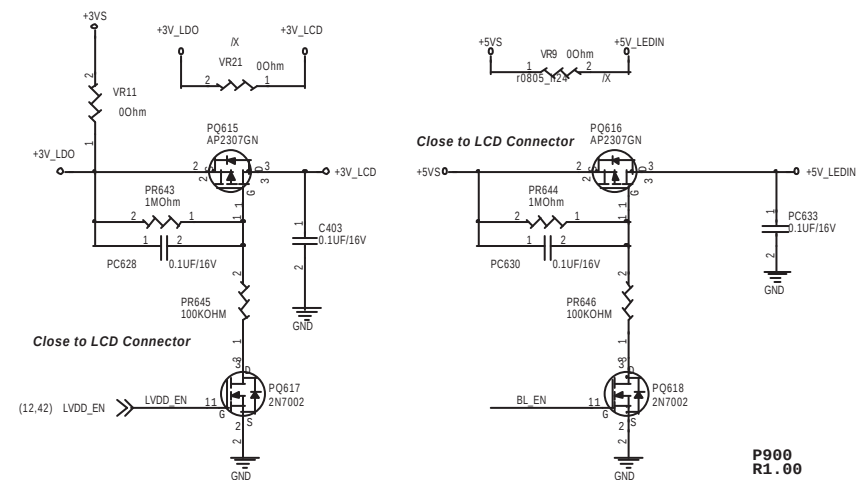
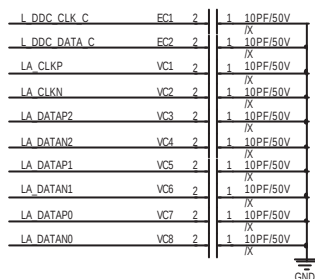
ASUS		Title : DDR2_Termination	
ASUSTek Computer INC.		Engineer: Wayne_Chan	
Size A4	Project Name 904HD	Rev 1.3G	
Date: Tuesday, July 01, 2008		Sheet 19 of 49	

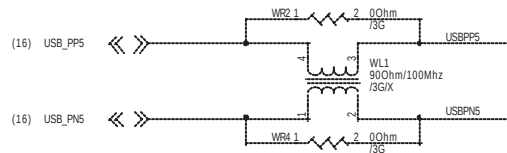


VGA use 12G10110015W & 12G10110015N

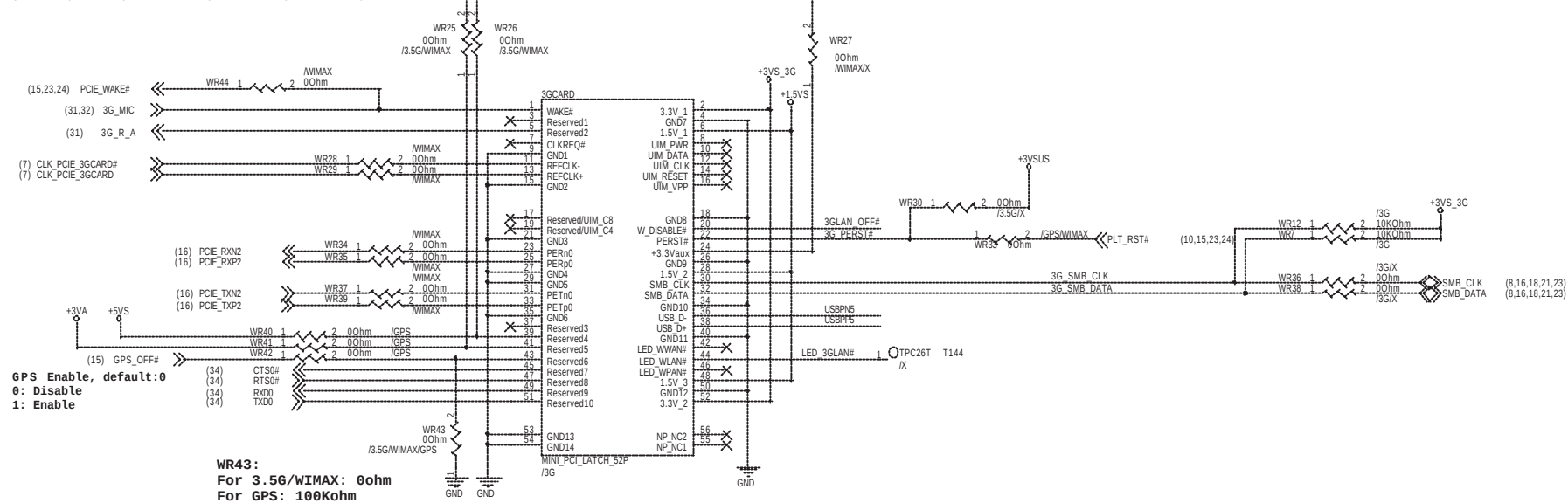
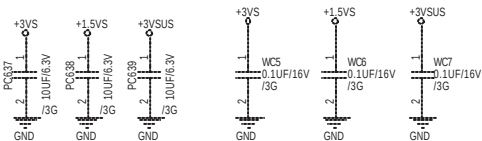
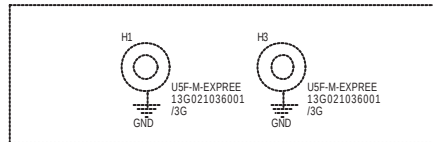


Pin:
2->6: (1A->1B)
5->3: (2A->2B)





/GPS: AW GPS-M09
/DTV: ASUS MC3100U
/3.5G: SIERRA 8780
/WIMAX: INTEL5050

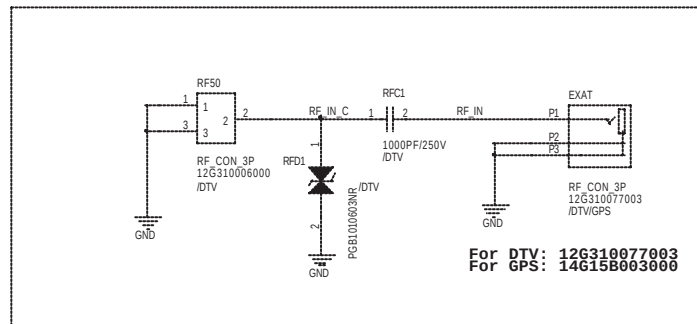


GPS Enable, default:0
0: Disable
1: Enable

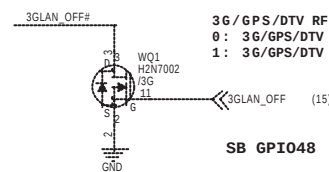
WR43:
For 3.5G/WIMAX: 0ohm
For GPS: 100Kohm

MINICARD use 12G03010052K

External Antenna

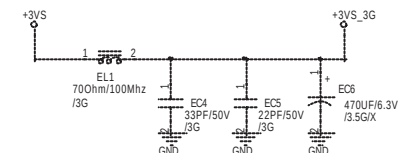


For DTV: 12G310077003
For GPS: 14G15B003000



3G/GPS/DTV RF Enable, default:1
0: 3G/GPS/DTV RF Enable
1: 3G/GPS/DTV RF Disable

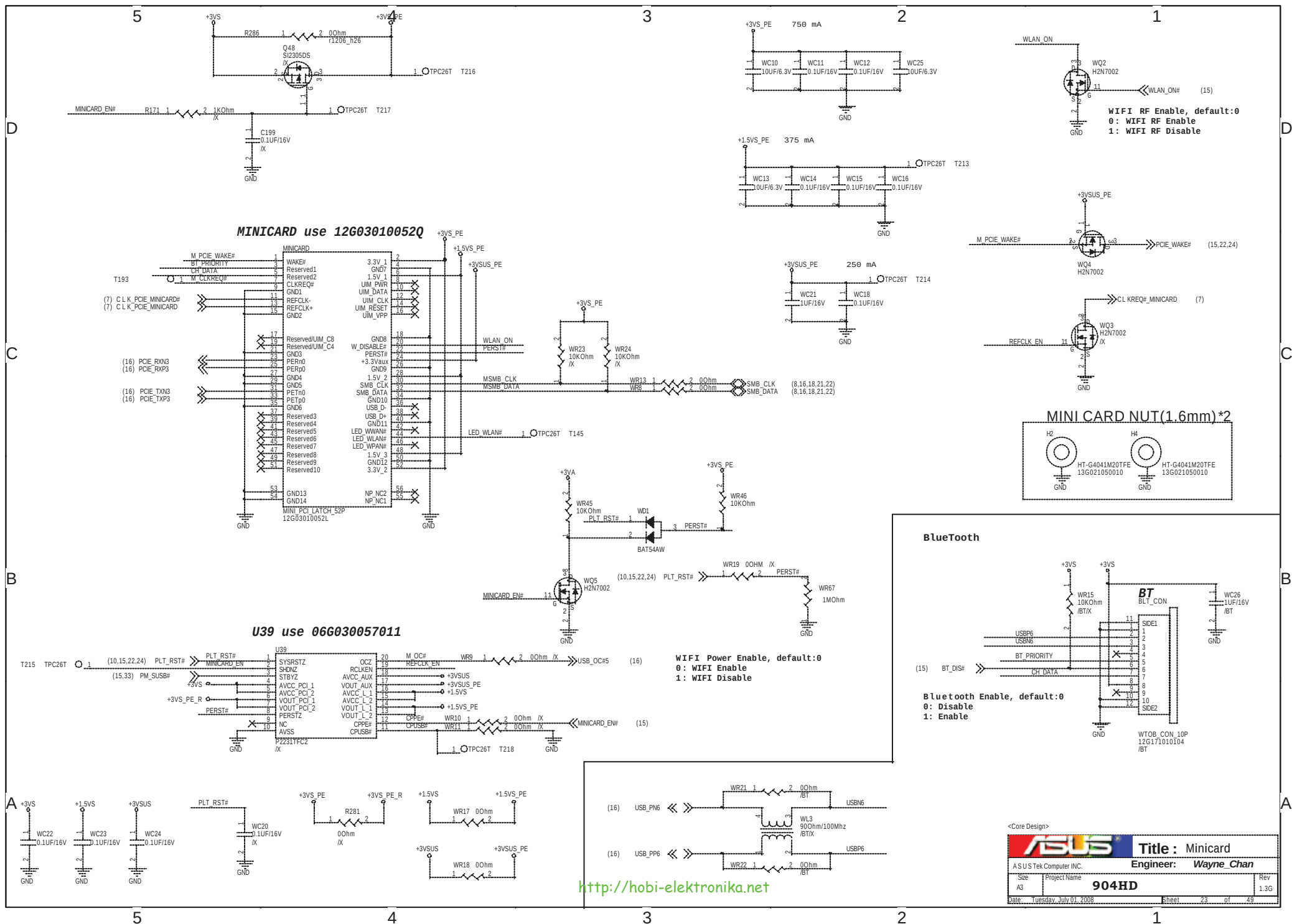
SB GPIO48



<Core Design>

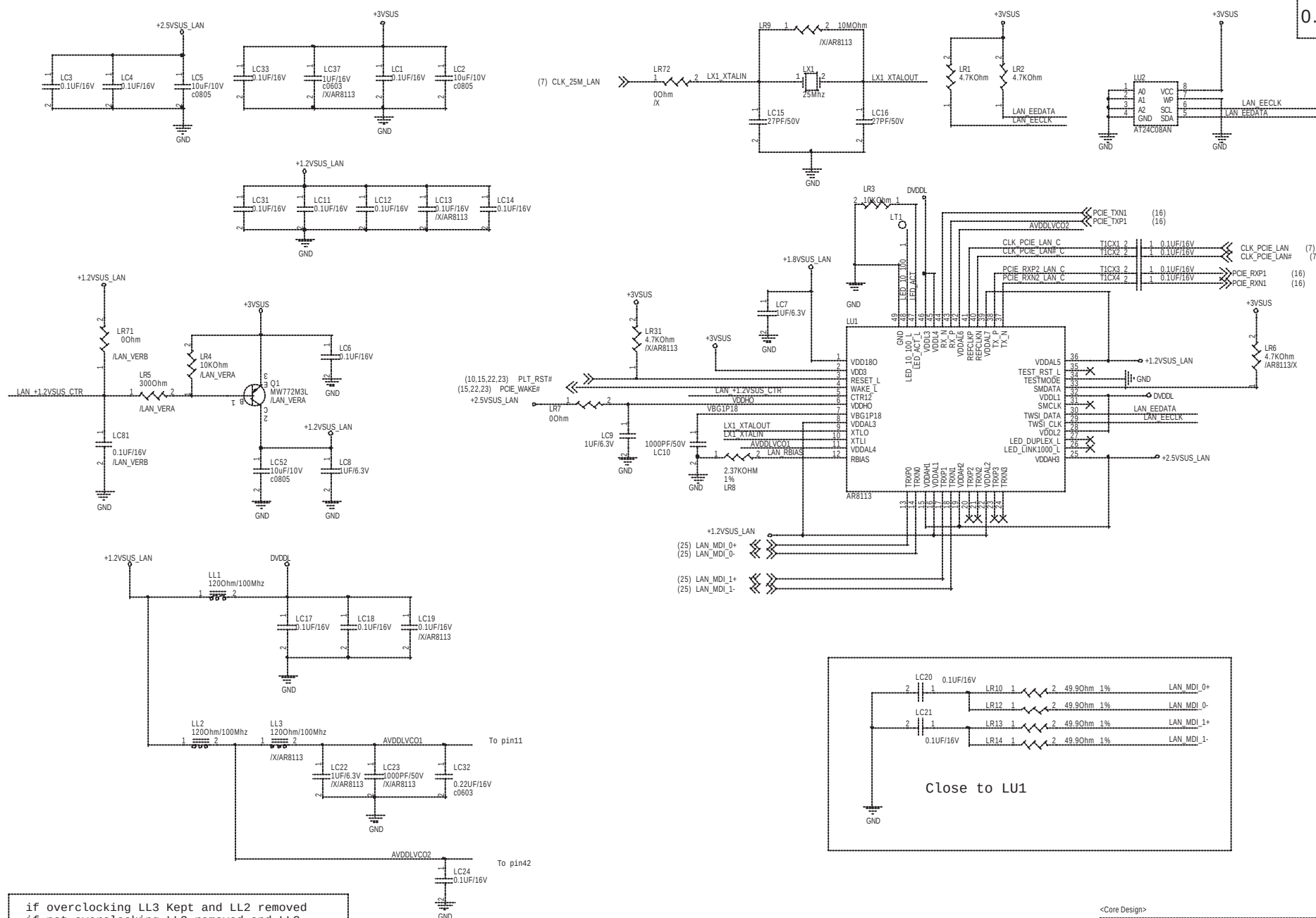
3.5G Module & External Antenna

ASUS		Title :	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3	904HD	1.3G	
Date: Tuesday, July 01, 2008	Sheet	22	of 49



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0.1A Beta

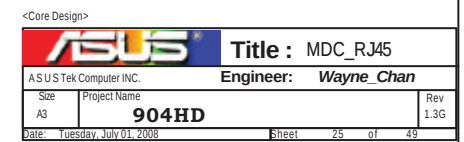
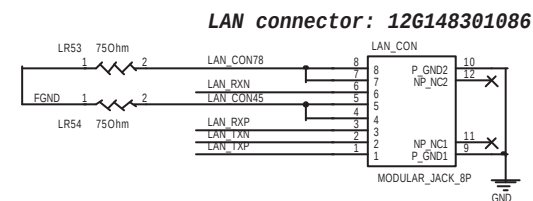


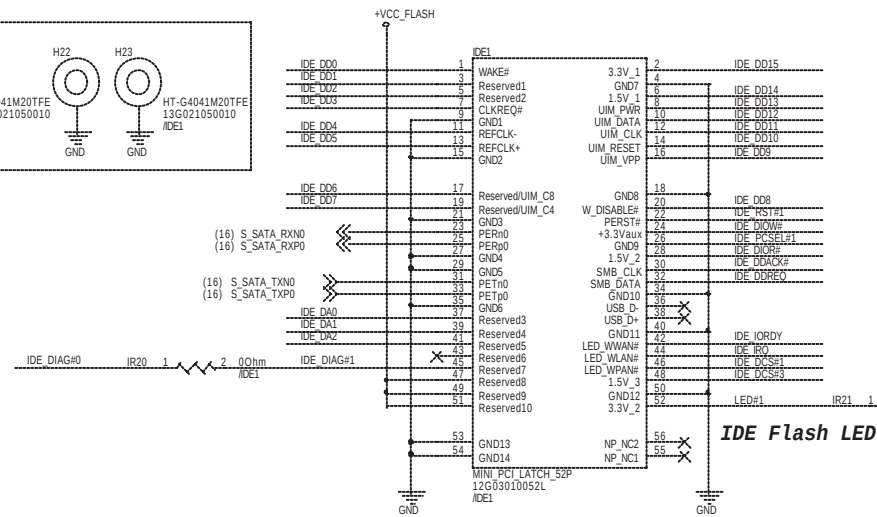
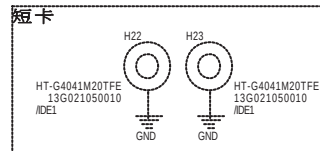
if overclocking LL3 Kept and LL2 removed
if not overclocking LL3 removed and LL2 Kept

<http://hobi-elektronika.net>

<Core Design>

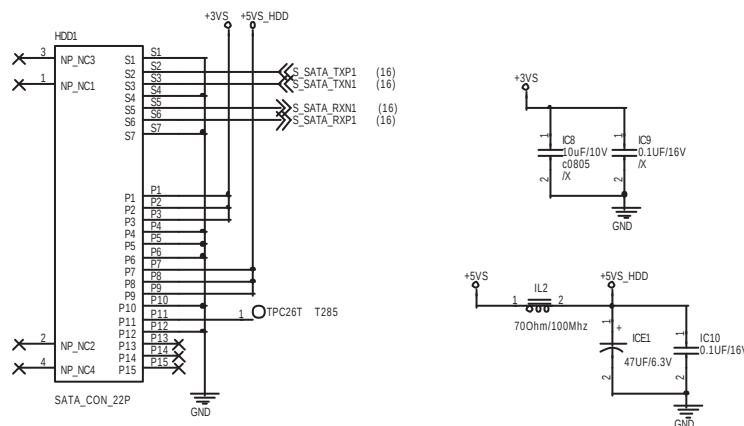
ASUS		Title : AR8113	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3		904HD	1.3G
Date: Tuesday, July 01, 2008		Sheet	24 of 49





Change_ODD to
SATA IF

SATA HDD Connector

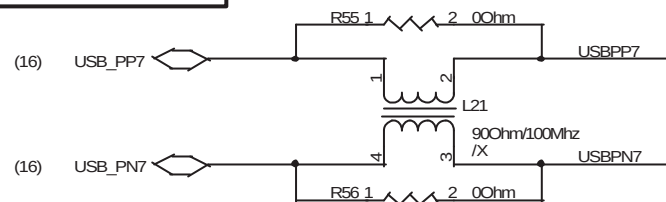
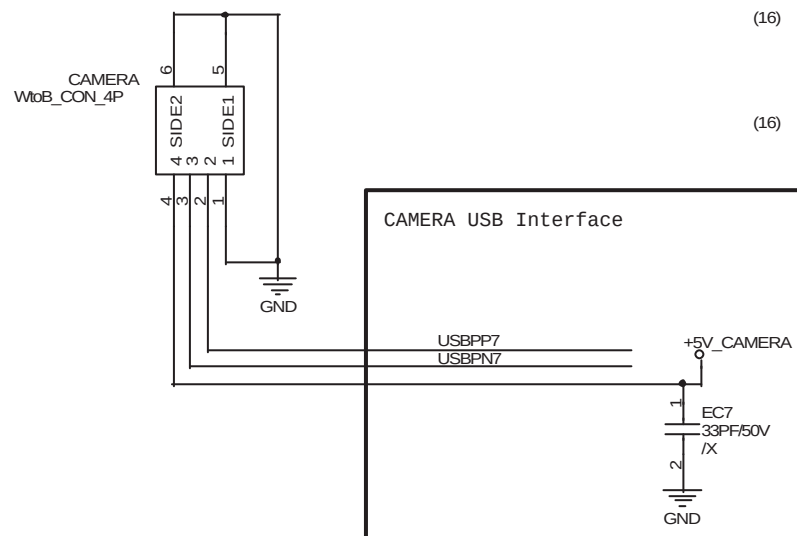
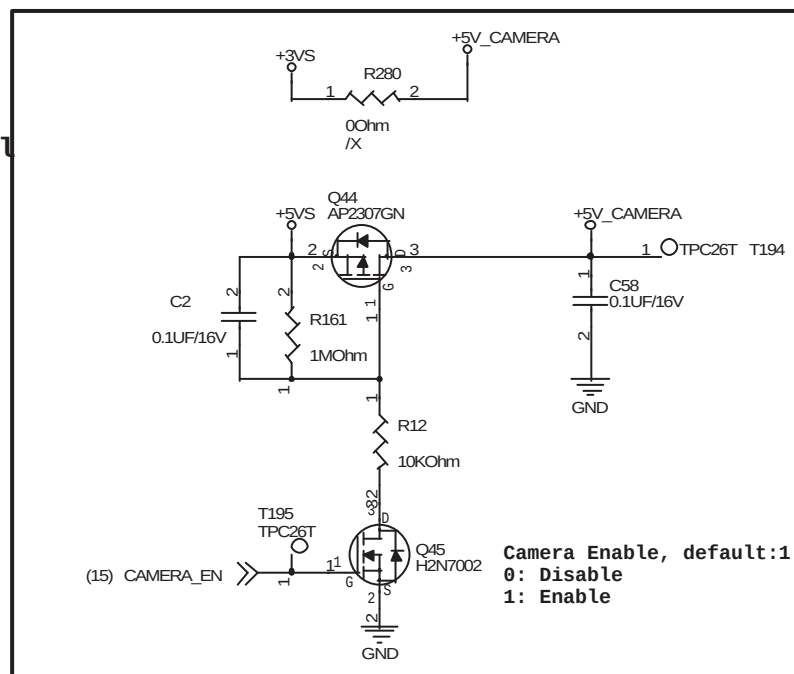


<http://hobi-elektronika.net>

<Core Design>

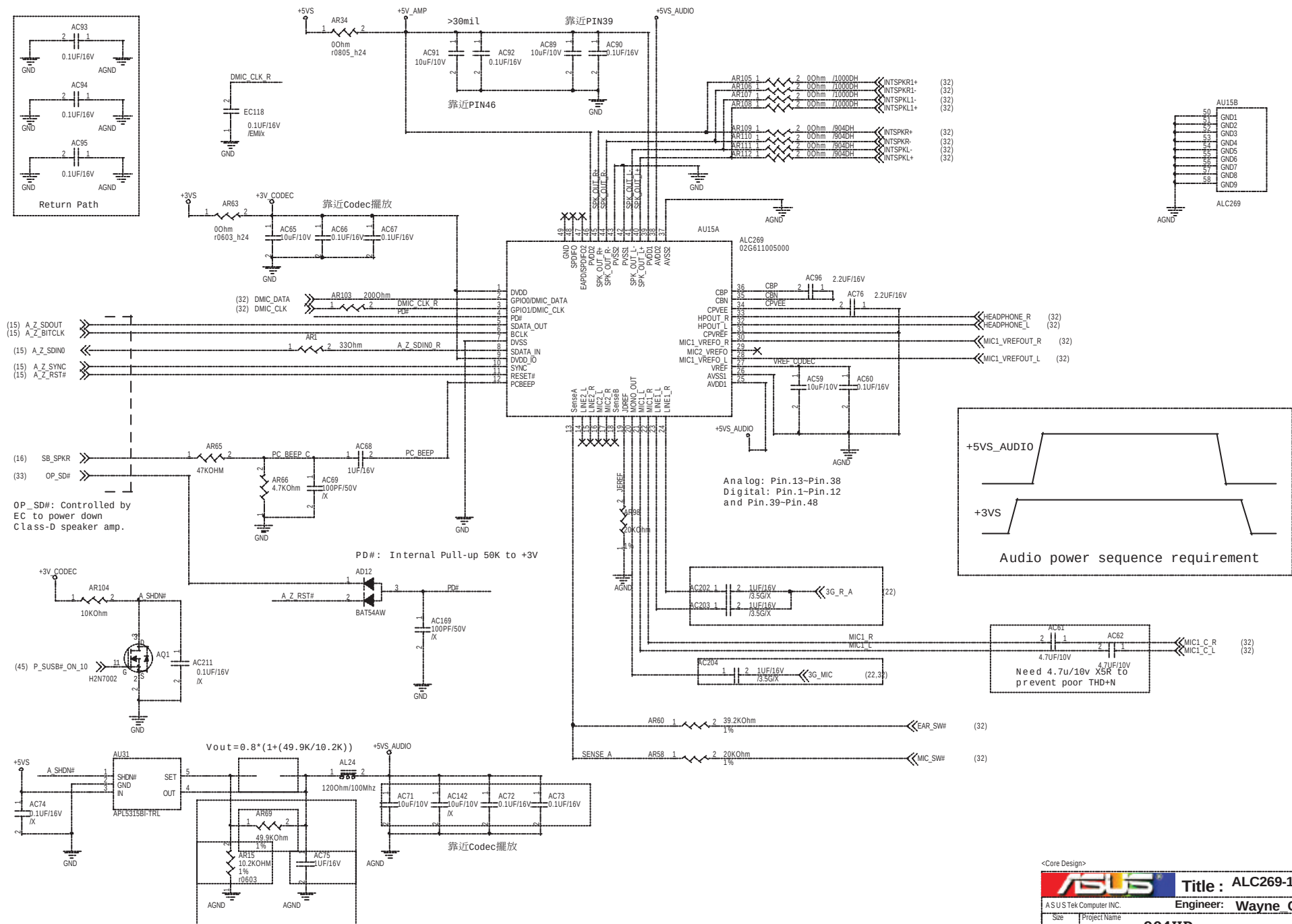
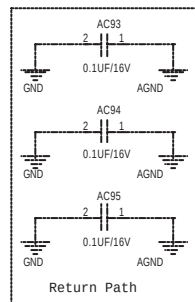
ASUS		Title : HD + Flash Conn	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size A3	Project Name 904HD	Rev 1.3G	
Date: Tuesday, July 01, 2008		Sheet	27 of 49

Power Control



<Core Design>

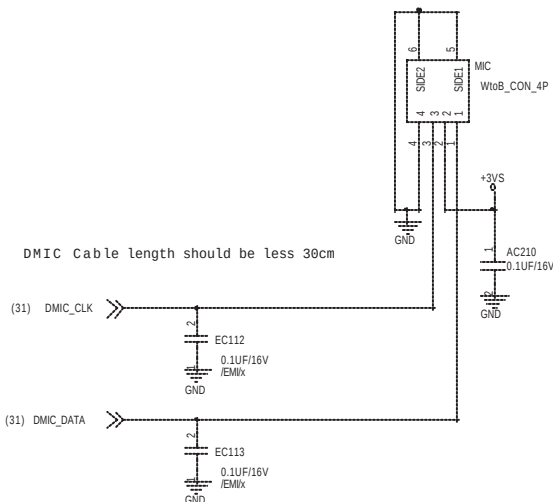
		Title : Camera Power	
ASUSTek Computer INC.		Engineer: Wayne_Chan	
Size A4	Project Name 904HD	Rev 1.3G	
Date: Tuesday, July 01, 2008		Sheet 29 of 49	



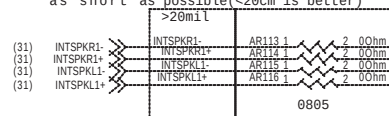
<Core Design>

ASUS		Title : ALC269-1	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	904HD	Rev
A3			1.3G
Date: Tuesday, July 01, 2008		Sheet	31 of 49

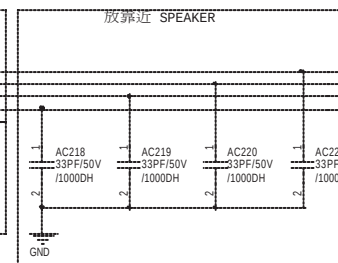
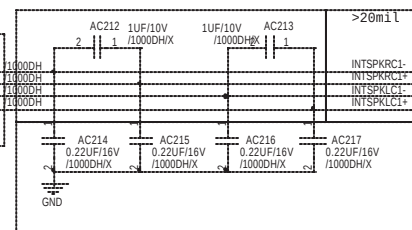
<http://hobi-elektronika.net>



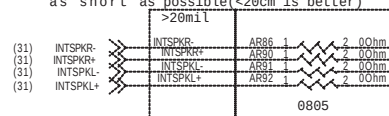
Total length from speakerR+ L+-(pin40 41 44 45) to internal speaker please as short as possible(<20cm is better)



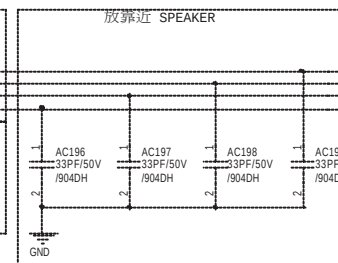
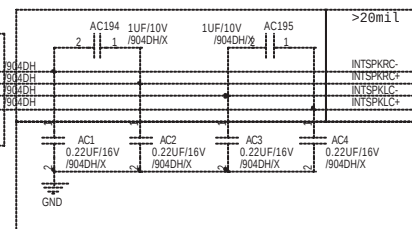
If choke AR113, AR114, AR115, AR116 are mounted, please mount AC212 AC213 to avoid EMI issue.



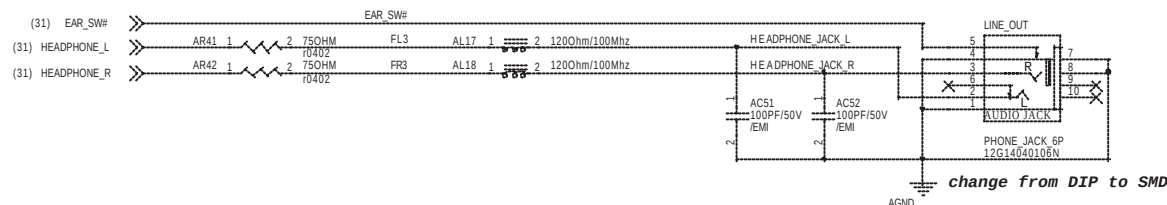
Total length from speakerR+ L+-(pin40 41 44 45) to internal speaker please as short as possible(<20cm is better)



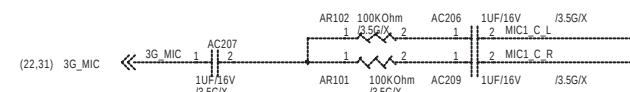
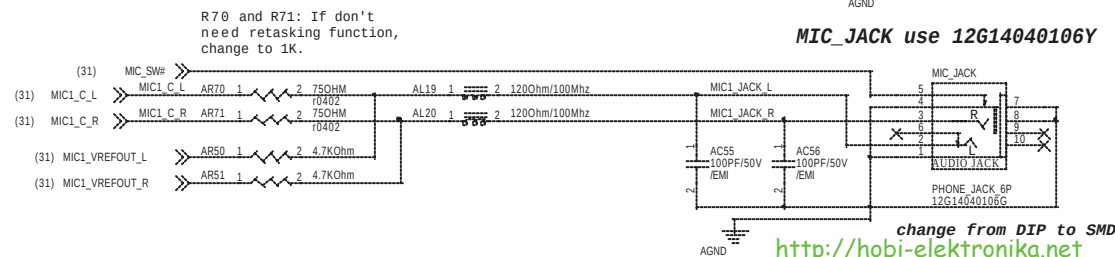
If choke AR86, AR90, AR91, AR92 are mounted, please mount AC194 AC195 to avoid EMI issue.



LINE_OUT use 12G140501060



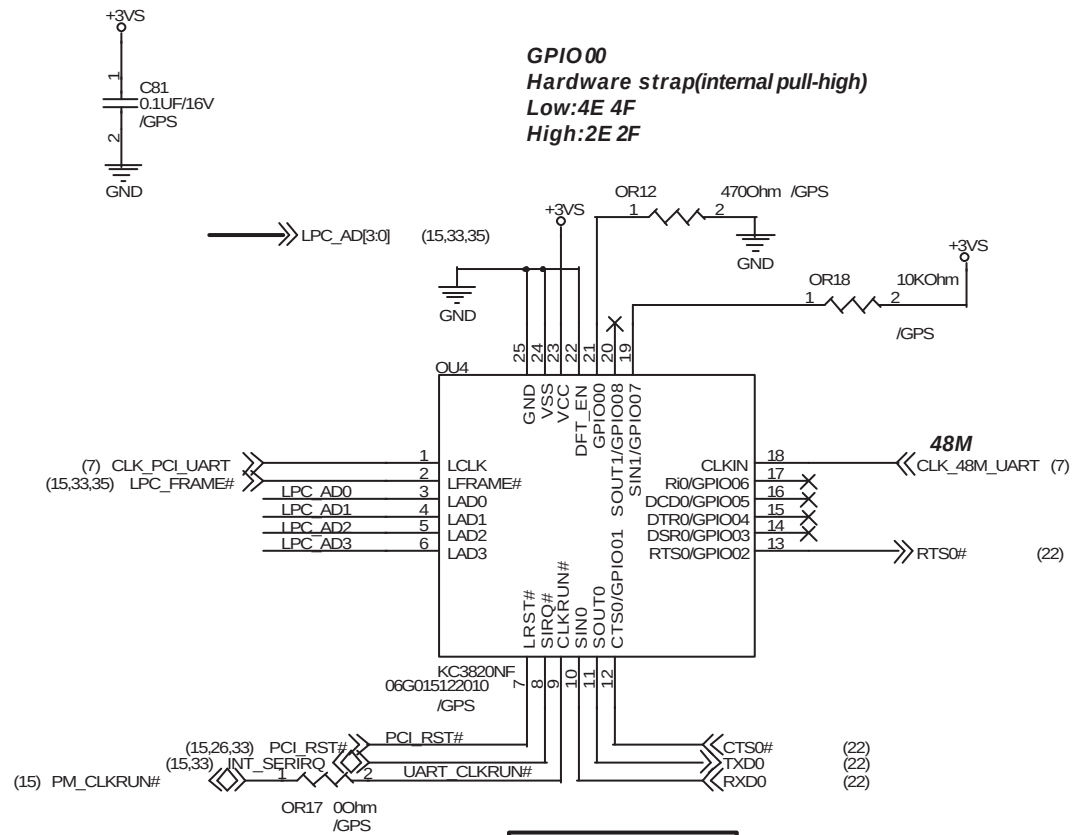
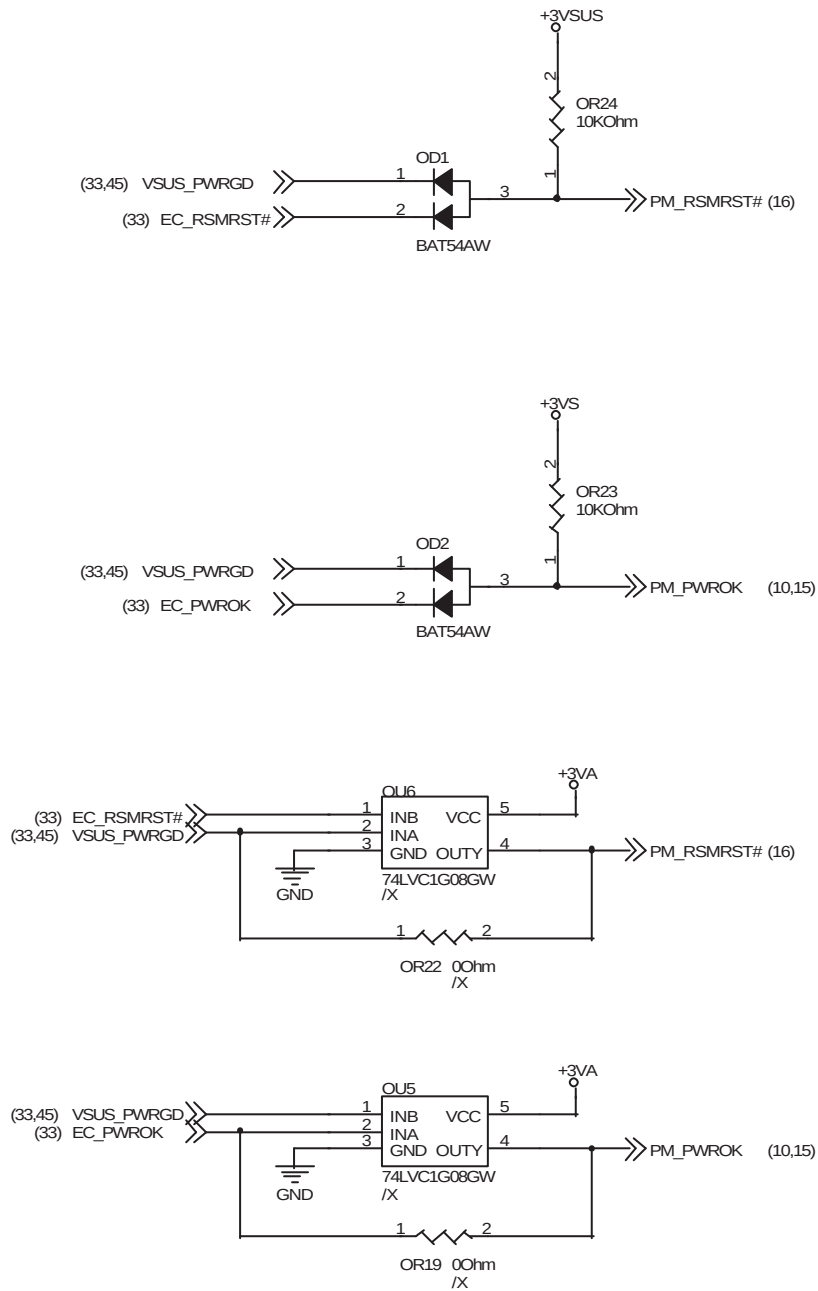
MIC JACK use 12G14040106Y



<Core Design>

ASUS		Title : ALC269-2	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Side	Project Name	904HD	Rev
A3			1.3G
Date: Tuesday, July 01, 2008		Sheet: 32 of 49	

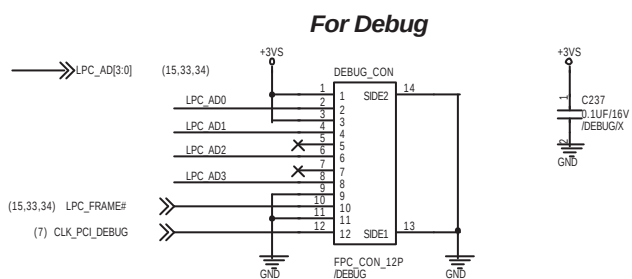
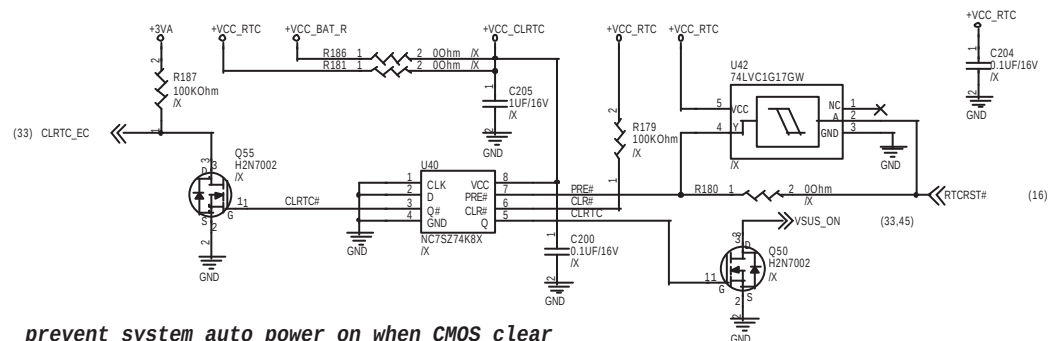
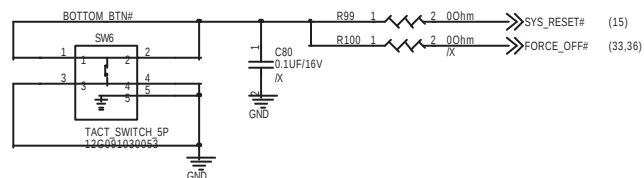
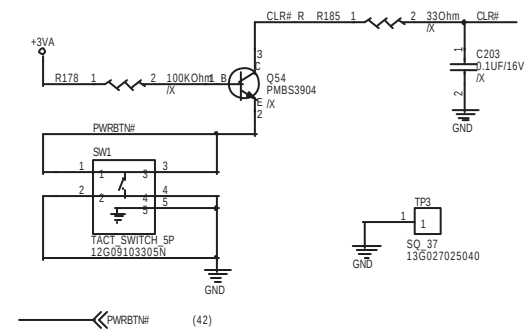
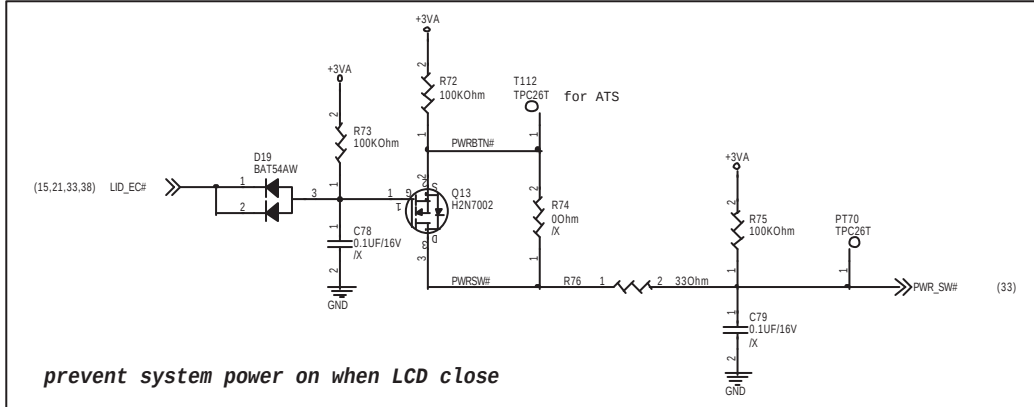
<http://hobi-elektronika.net>



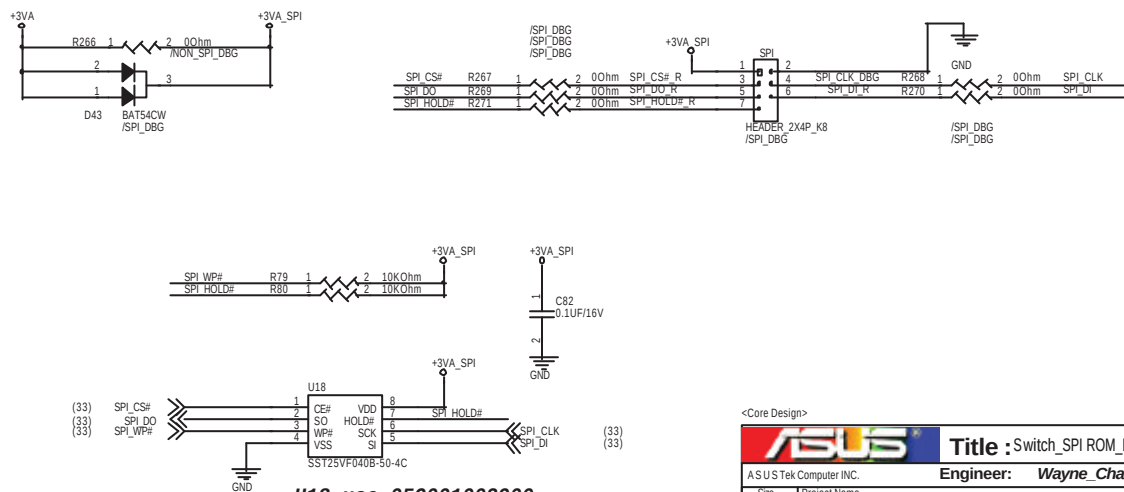
UART Control
IC for using
GPS module due
to no UART on
ENE EC

<Core Design>

ASUS		Title : EC_UART_KC3820	
ASUSTek Computer INC.		Engineer: Wayne_Chan	
Size A4	Project Name 904HD		Rev 1.3G
Date: Tuesday, July 01, 2008		Sheet	34 of 49

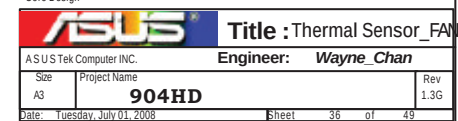


Debug Card cable use Z96 Touch Pad cable, P/N:
14G124110126, 14G124110120, 14G124110121
14G124110124, 14G124110125



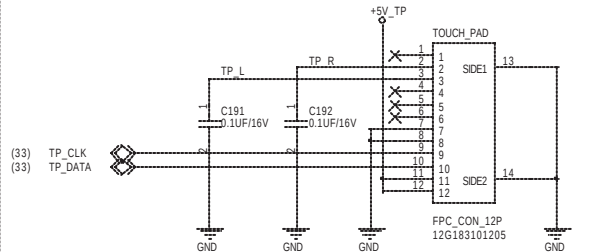
<http://hobi-elektronika.net>

ASUS				Title : Switch_SPI ROM_Debug	
ASUSTek Computer INC.				Engineer: Wayne_Chan	
Size A3	Project Name 904HD				Rev 1.3G
Date: Tuesday, July 01, 2008		Sheet 35 of 49			

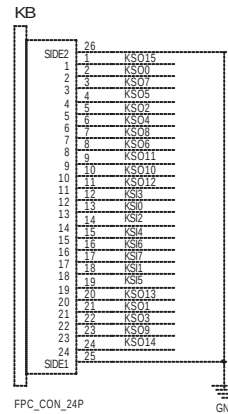


For Touch-Pad

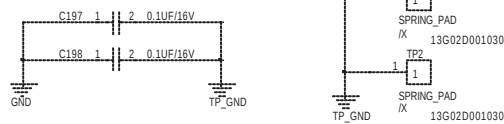
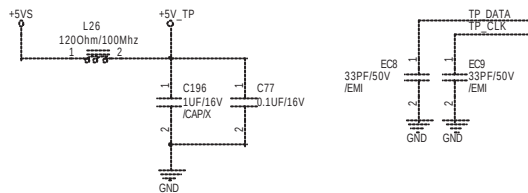
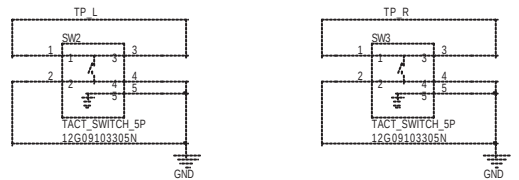
P900 R1.0G



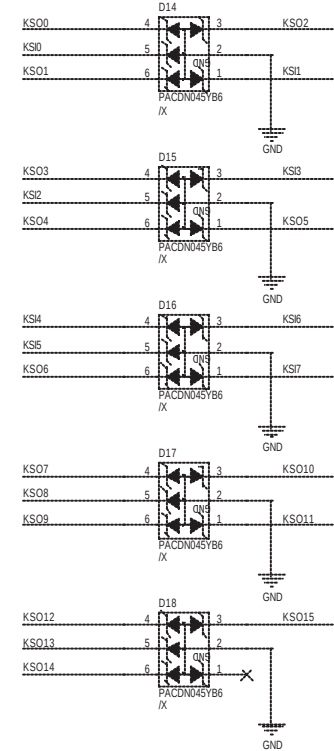
For Keyboard Connector



SW2, SW3 use 12G09103305N



KS0[15:0] (33)
KS[7:0] (33)



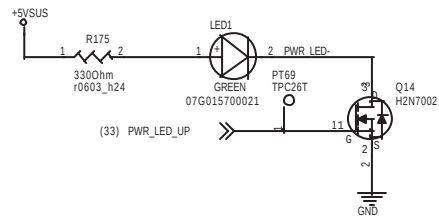
KS0	EC10	1	2	33PF/50V
KS1	EC11	1	2	33PF/50V
KS2	EC12	1	2	33PF/50V
KS3	EC13	1	2	33PF/50V
KS4	EC14	1	2	33PF/50V
KS5	EC15	1	2	33PF/50V
KS6	EC16	1	2	33PF/50V
KS7	EC17	1	2	33PF/50V
KS00	EC18	1	2	33PF/50V
KS01	EC19	1	2	33PF/50V
KS02	EC20	1	2	33PF/50V
KS03	EC21	1	2	33PF/50V
KS04	EC22	1	2	33PF/50V
KS05	EC23	1	2	33PF/50V
KS06	EC24	1	2	33PF/50V
KS07	EC25	1	2	33PF/50V
KS08	EC26	1	2	33PF/50V
KS09	EC27	1	2	33PF/50V
KS010	EC28	1	2	33PF/50V
KS011	EC29	1	2	33PF/50V
KS012	EC30	1	2	33PF/50V
KS013	EC31	1	2	33PF/50V
KS014	EC32	1	2	33PF/50V
KS015	EC33	1	2	33PF/50V

<Core Design>

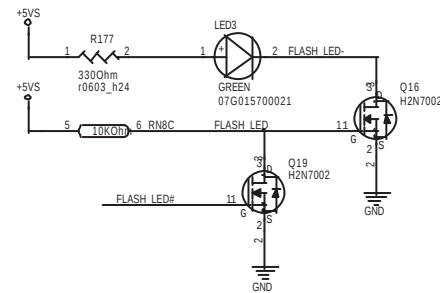
ASUS		Title : KB_Touch Pad	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3	904HD	1.3G	
Date: Tuesday, July 01, 2008	Sheet	37	of 49

<http://hobi-elektronika.net>

for POWER LED

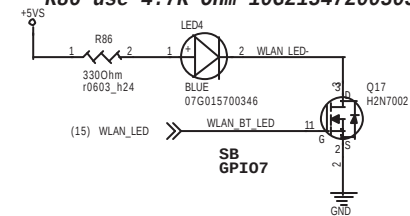


for FLASH LED



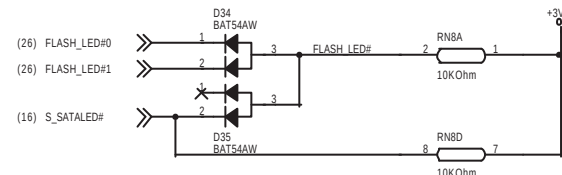
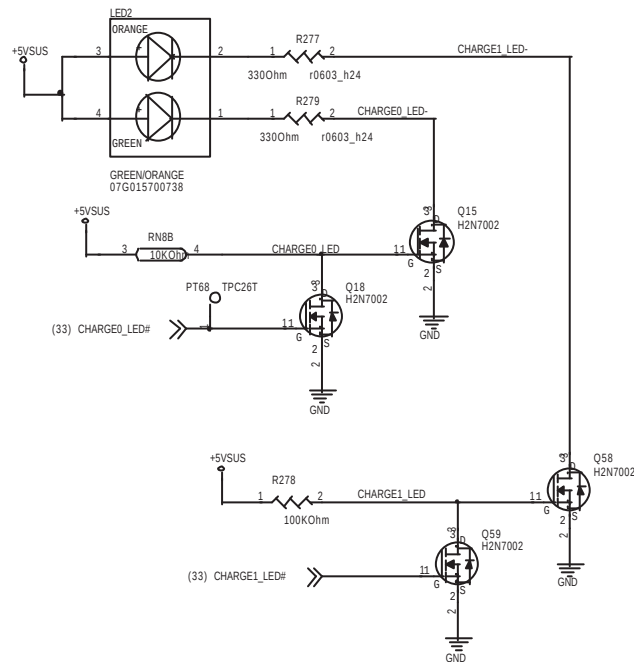
for WLAN/BlueTooth LED

R86 use 4.7K Ohm 10G213472003030

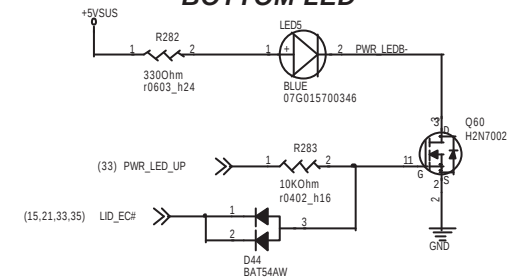


WIFI/BT LED Enable,default:1
0: WIFI and BT are both disabled
1: one of WIFI and BT is Enable or both are Enable

for CHARGE LED

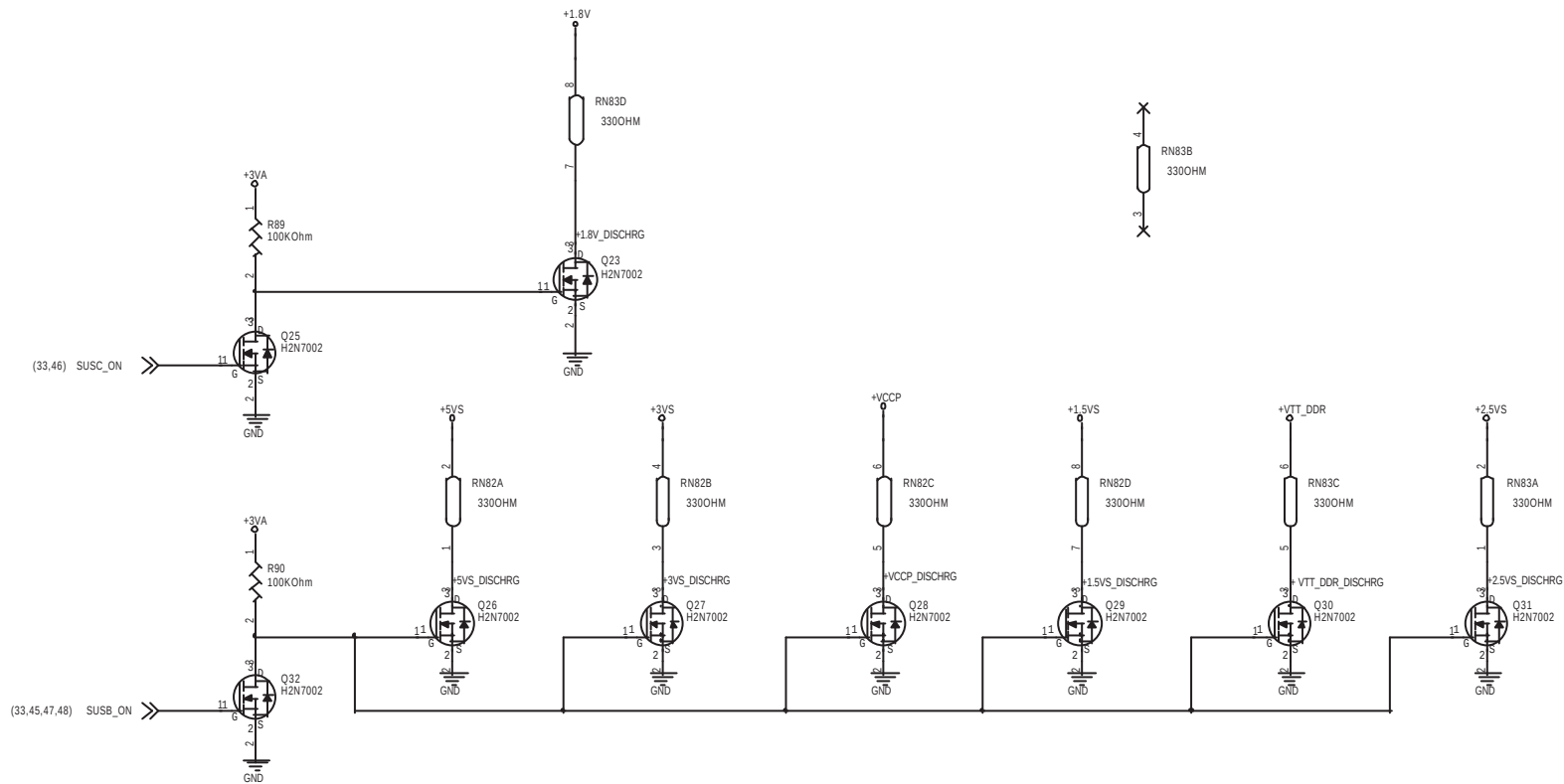


for POWER BOTTOM LED



<Core Design>

ASUS		Title: LED	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3	904HD	1.3G	
Date: Tuesday, July 01, 2008		Sheet	38 of 49

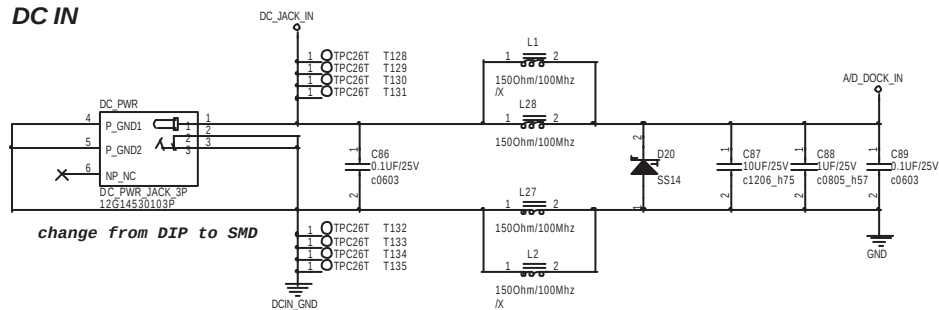


<http://hobi-elektronika.net>

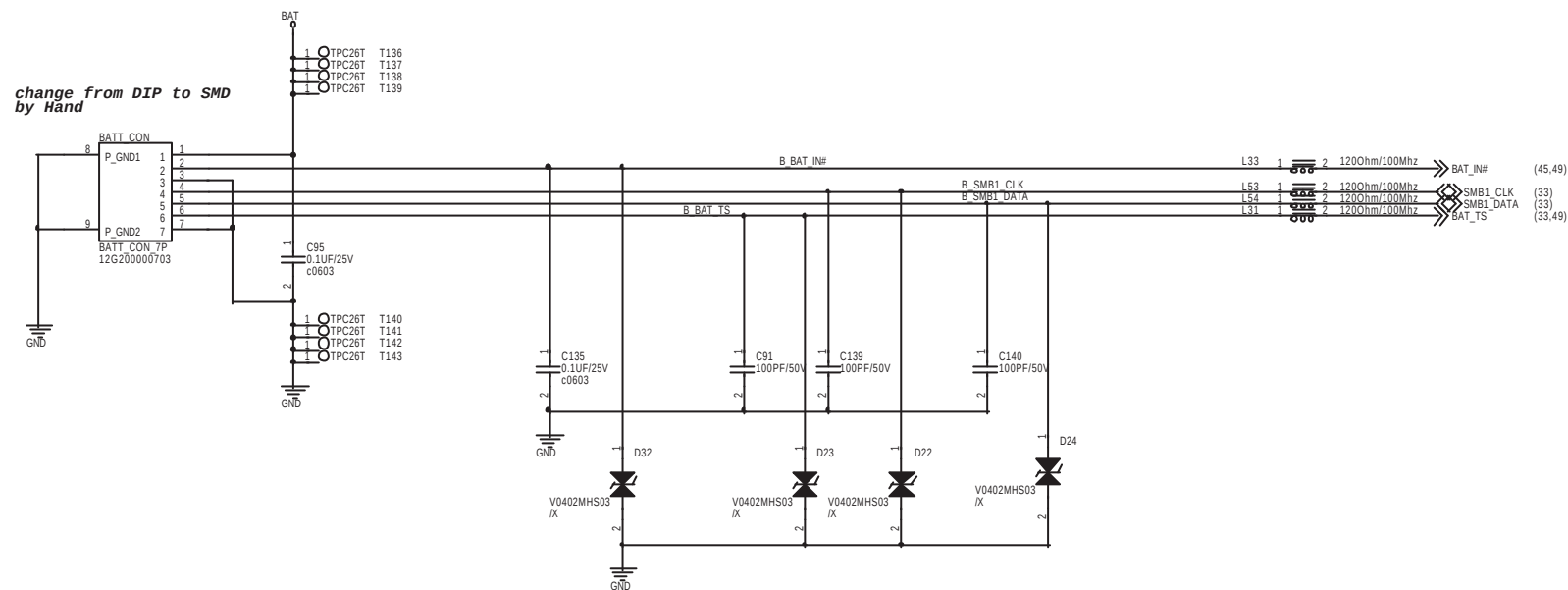
<Core Design>

ASUS		Title : Discharge	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size A3	Project Name 904HD		Rev 1.3G
Date: Tuesday, July 01, 2008	Sheet	39 of 49	

DC IN



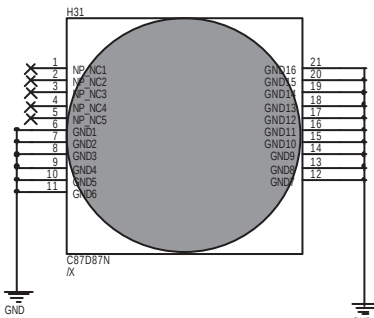
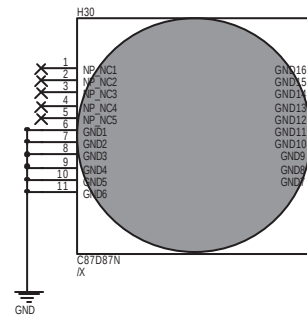
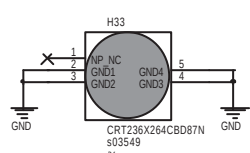
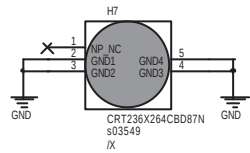
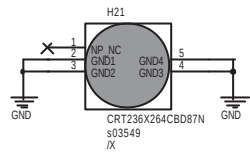
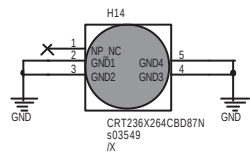
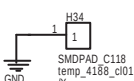
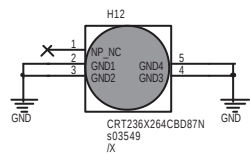
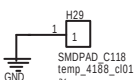
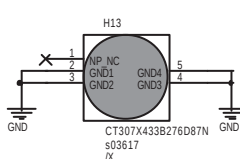
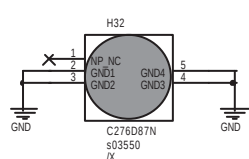
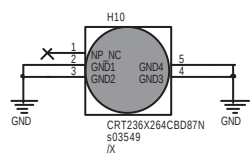
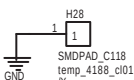
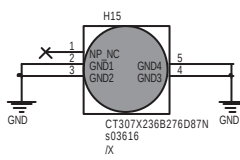
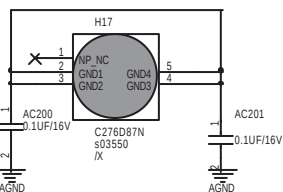
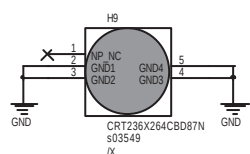
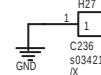
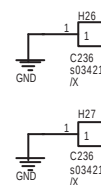
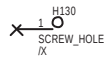
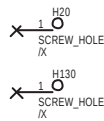
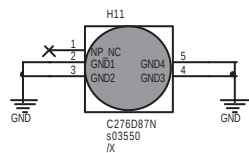
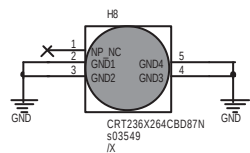
BAT IN



<Core Design>

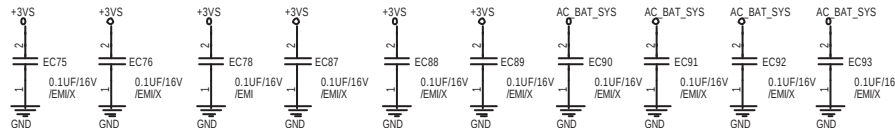
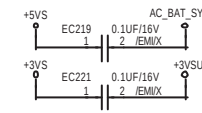
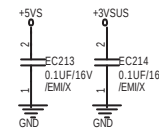
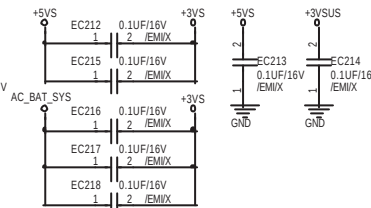
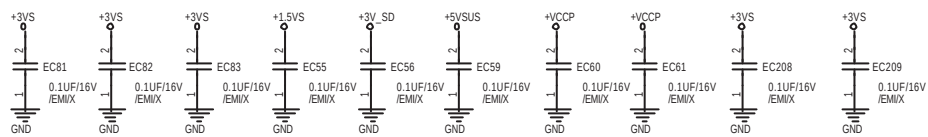
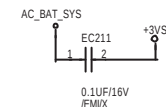
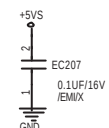
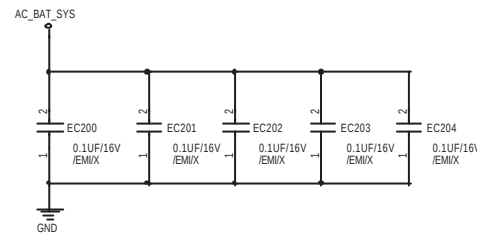
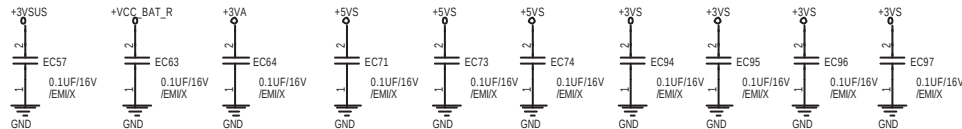
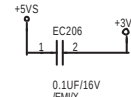
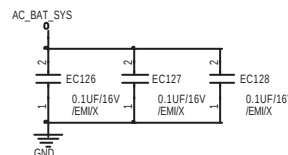
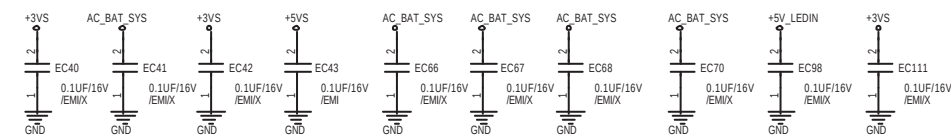
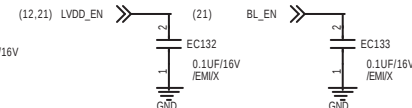
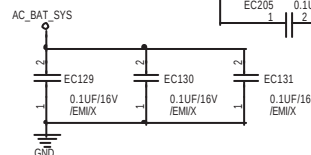
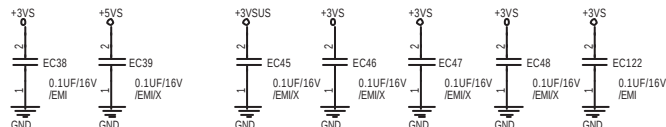
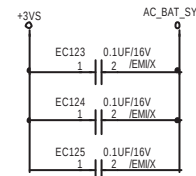
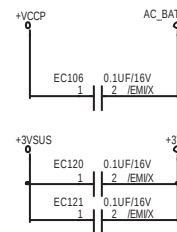
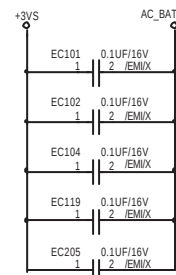
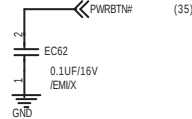
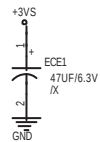
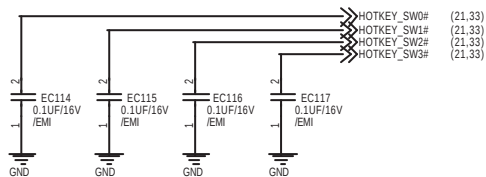
ASUS		Title : PWR Jack	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size A3	Project Name 904HD		Rev 1.3G
Date: Tuesday, July 01, 2008		Sheet	40 of 49

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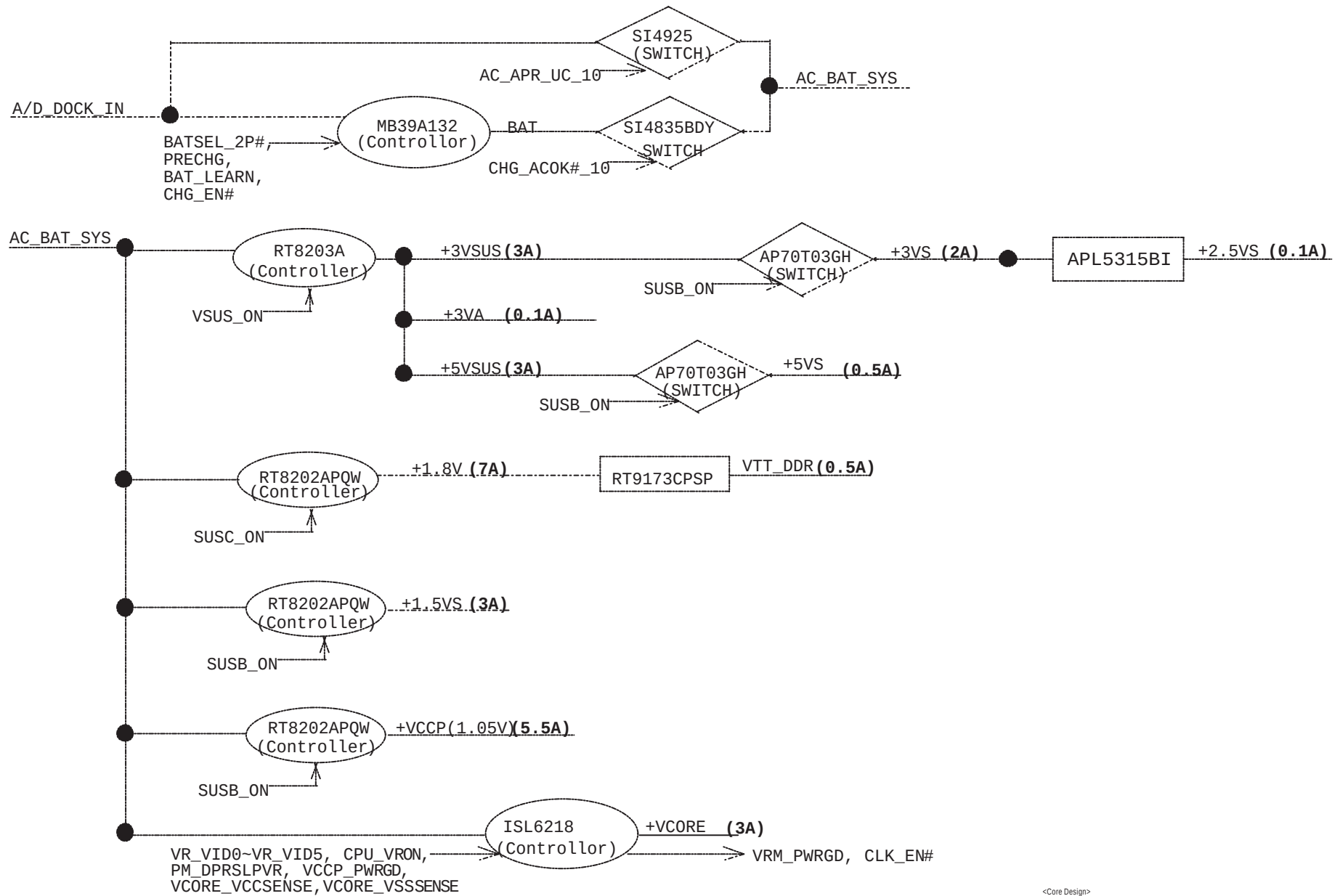
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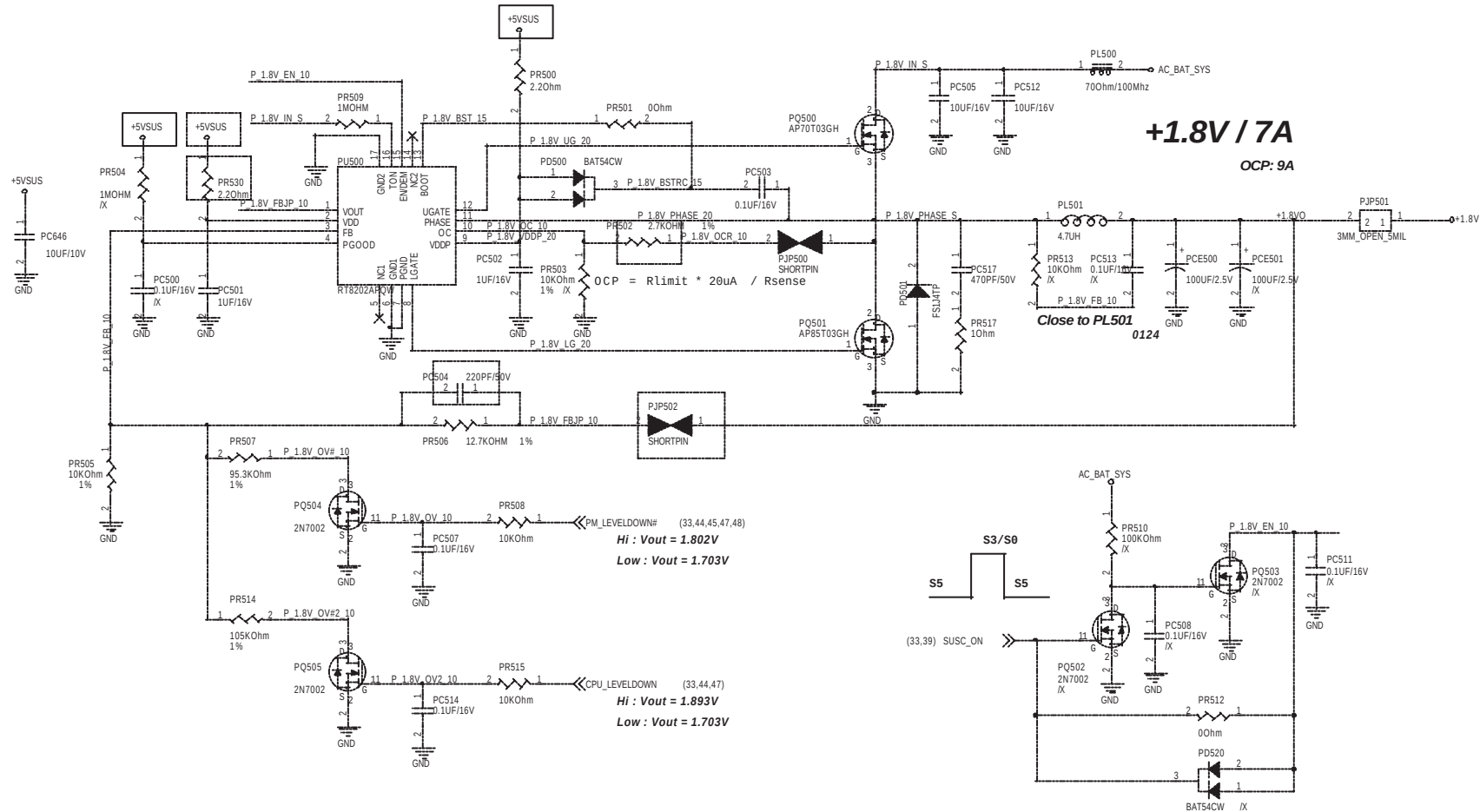
ASUS		Title : Srew Hole	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3	904HD	1.3G	
Date: Tuesday, July 01, 2008	Sheet	41	of 49



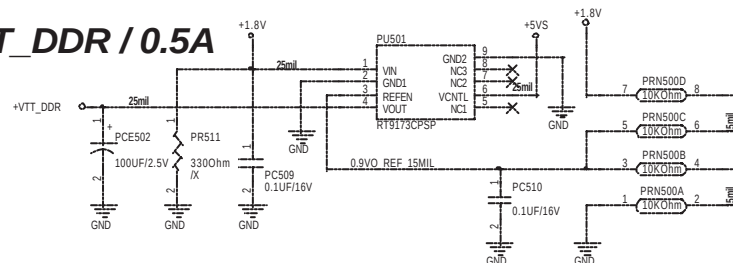
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ASUS		Title : EMI	
ASUS Tek Computer INC.		Engineer: Wayne Chan	
Size	Project Name	Rev	
A3	904HD	1.3G	
Date: Tuesday, July 01, 2008		Sheet	42 of 49





VTT_DDR / 0.5A



PM_LEVELDOWN#	CPU_LEVELDOWN	CPU_LEVELDOWN#	Voltage	Status
L	L	H	1.703V	Power Saving
H	L	H	1.802V	Normal
H	H	L	1.893V	Performance
H	L	H	1.802V	Performance

DEFAULT

<Core Design>



Title : +1.8V & VTTDDR

ASUSTek Computer INC.

Engineer: Joy Zhou

Size
A3

Project Name
904HD

Rev
1.3G

Date: Tuesday, July 01, 2008

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