

Main Board

001. Page Ref.
002. Block Diagram
003. Schematic Information
004. CPU_Silverthorne (1)
005. CPU_Silverthorne (2)
006. CPU_*****
007. DIM_SO-DIMM 0
008. DIM_*****
009. DIM_DDR2 Terminatin
010. SCH_Poulsbo_HOST
011. SCH_Poulsbo_DDR2
012. SCH_Poulsbo_LVDS/SDVO
013. SCH_Poulsbo_PM/USB/AZ
014. SCH_Poulsbo_POWER
015. SCH_Poulsbo_GND
016. SCH_*****
017. SCH_*****
018. SCH_*****
019. SCH_*****
020. SCH_*****
021. SCH_*****
022. SCH_*****
023. SCH_*****
024. SCH_*****
025. SCH_*****
026. SCH_*****
027. SCH_*****
028. SCH_*****
029. CLK_ICS9LPRS427

030. KBC_IT8512
031. KBC_KB CON
032. KBC_RESET MAP
033. LAN_RTL8111C
034. LAN_RJ45
035. LAN_*****
036. AUD_IC CON
037. AUD_*****
038. AUD_*****
039. AUD_*****
040. CB_*****
041. CB_*****
042. CB_AU6371
043. CB_*****
044. BUG_LPC DEBUG
045. CRT_LVDS
046. CRT_D-SUB
047. CRT_*****
048. CRT_*****
049. TV_*****
050. FAN_SENSOR & FAN
051. XDD_HDD CON
052. USB_USB Port *2
053. PCI_MINICARD
054. BAR_*****
055. SIO_*****
056. LED_LED & SW
057. DSG_DISCHARGE
058. SUB_*****
059. SEQ_*****

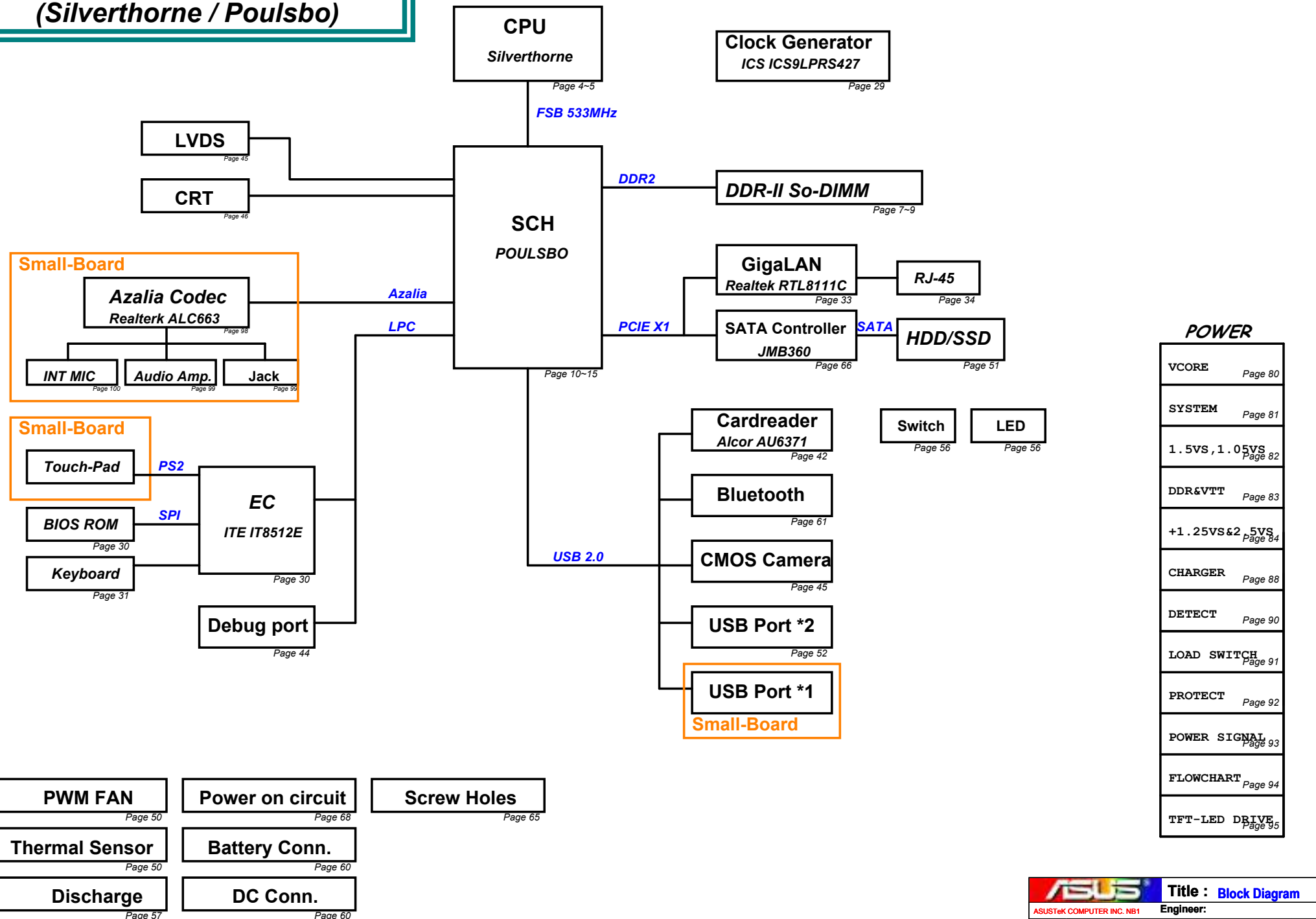
060. DC_DC & BAT IN
061. BT_BLUETOOTH
062. TPM_*****
063. FP_*****
064. TUN_*****
065. ME_NUT & SCREW HOLE
066. ESA_SATA JMB360
067. SDVO_CH7317
068. OTH_POWER ON CIRCUIT
069. OTH_*****
070. VGA_*****
071. VGA_*****
072. VGA_*****
073. VGA_*****
074. VGA_*****
075. VGA_*****
076. VGA_*****
077. VGA_*****
078. VGA_*****
079. VGA_*****

Power

080. PWR_VCORE
081. PWR_SYSTEM
082. POWER_I/O_+1.05VO
083. PWR_I/O_DDR & VTT
084. PWR_I/O_POWER_I/O_+1.5V_+2.5VS
085. POWER_+1.05VO & +1.5VO
086. POWER_+MCP_VDD_CORE(Empty)
087. PWR_SHUTDOWN# (Empty))
088. PWR_CHARGER
089. PWR_PIC(Empty)
090. PWR_DETECT
091. PWR_LOAD SWITCH
092. PWR_PROTECT
093. PWR_SIGNAL
094. POWER_FLOWCHART
095. PWR_LED_VCC_BOOST
096. HISTORY
097. POWER ON SEQUENCE

Revision History

UX20 Block Diagram (Silverthorne / Poulsbo)



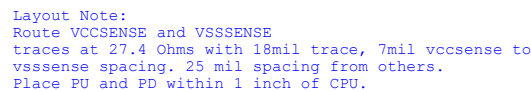
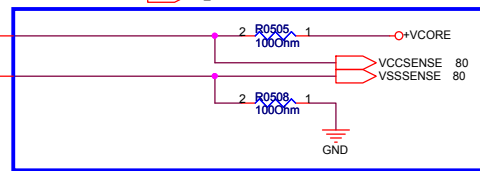
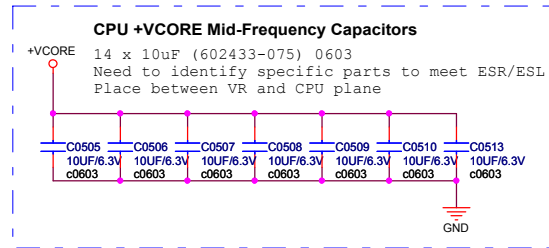
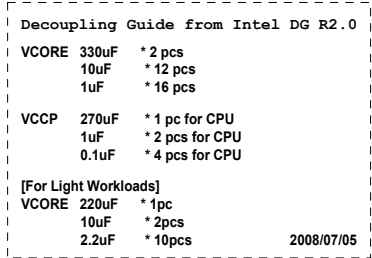
Poulsbo GPIO SETTING

Name	Signal Name	Type
GPIOSUS0	RTLAN_DSM#	GPI
GPIOSUS1	RTLAN_DSM_EN	GPO
GPIOSUS2	PM_PWRBTN#	GPI
GPIOSUS3	****	TP
GPIO0	WLAN_LED_ON	GPO
GPIO1	PCB_ID0	GPI
GPIO2	PCB_ID1	GPI
GPIO3	CLK_OC	GPO
GPIO4	VCORE_CNT	GPO
GPIO5	OC_CTL#	GPO
GPIO6	DDR_MEM_CONFIG	GPI
GPIO7	SLPIOVR#	GPO
GPIO8	H_PROCHOT#	GPO
GPIO9	****	TP

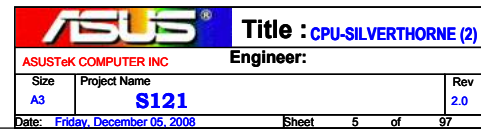
EC IT8512E GPIO SETTING

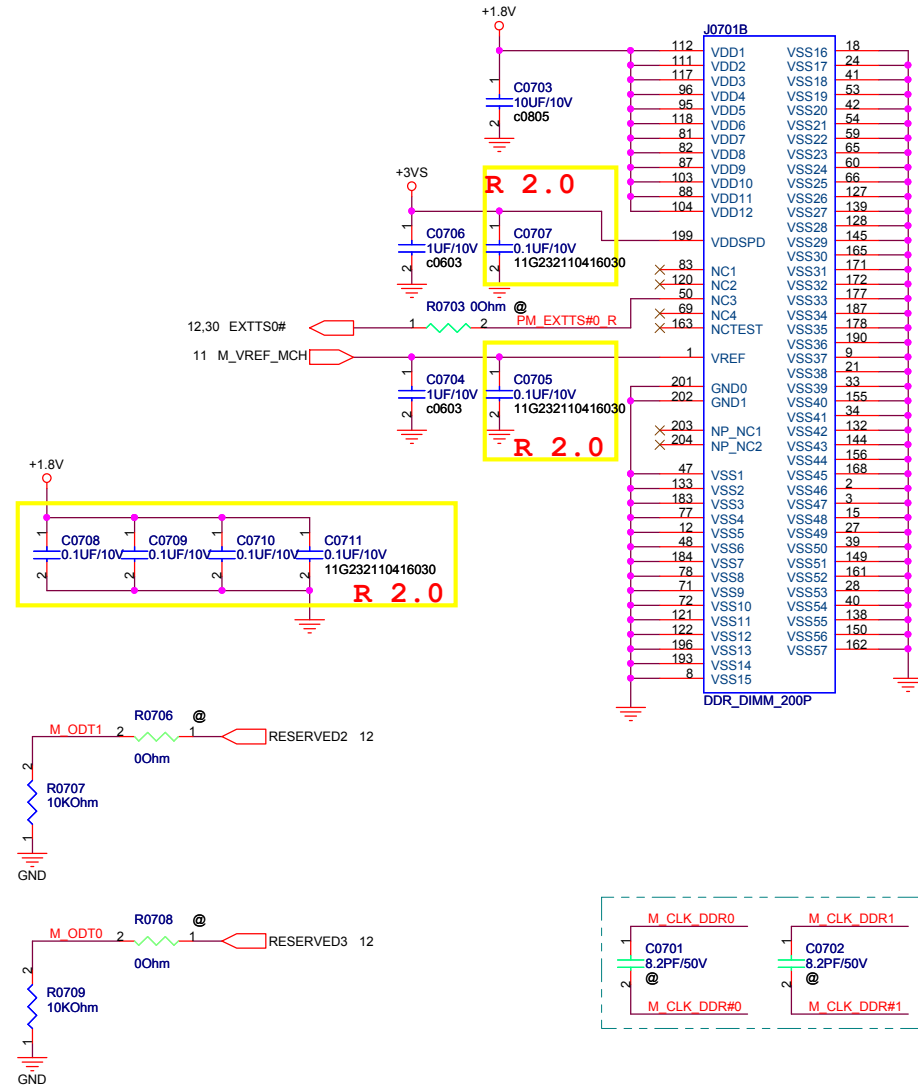
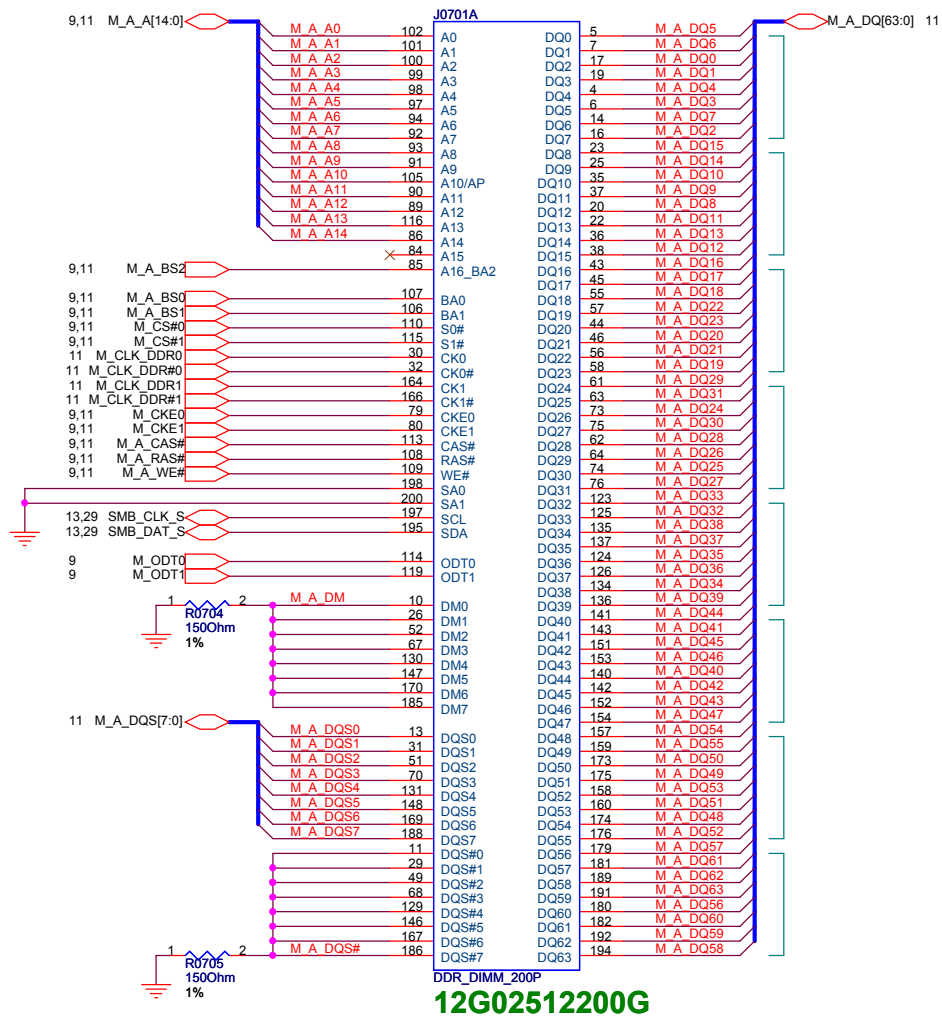
Name	Signal Name	Type	Name	Signal Name	Type
A0	PWR_LED#	GPO	G0	PM_THERM#	GPO
A1	CHG_LED#	GPO	G1	PM_SUSB#	GPI
A2	****	NC	G2	****	NC
A3	MARATHON_LED#	GPO	G6	****	NC
A4	LCD_BL_PWM	GPO	H0	PM_CLKRUN#	GPIO
A5	FAN0_PWM	GPO	H1	WLAN_ON#	GPO
A6	EC_RSTWRN	GPO	H2	****	NC
A7	PM_RSTRDY#	GPI	H3	BAT_LEARN	GPO
B0	RST#	GPO	H4	DDR2_VOL_1	GPO
B1	SCH_RST#_R	GPO	H5	NUM_LED#	GPO
B2	PM_SLPMODE	GPI	H6	CAP_LED#	GPO
B3	SMB0_CLK	GPIO	I0	****	NC
B4	SMB0_DAT	GPIO	I1	SUS_PWRGD	GPI
B5	A20GATE	GPO	I2	ALL_SYSTEM_PWRGD	GPI
B6	RC_IN#	GPO	I3	VRM_PWRGD	GPI
B7	PM_RSMRST#	GPO	I4	****	NC
C0	VOL_SEL	GPO	I5	****	NC
C1	SMB1_CLK	GPIO	I6	****	NC
C2	SMB1_DAT	GPIO	I7	****	NC
C3	PM_PWRBTN#	GPO	J0	EC_CLK_EN	GPO
C4	AC_IN_OC#	GPI	J1	PM_PWROK	GPO
C5	OP_SD#	GPO	J2	VSET_EC	GPO
C6	BAT1_IN_OC#	GPI	J3	ISET_EC	GPO
C7	RFON_SW#	GPI	J4	EXTTSO#	GPO
D0	****	NC	J5	FB	GPO
D1	PM_SUSC#	GPI			
D2	BUF_RST#	GPI			
D3	EXT_SC#	GPO			
D4	EXT_SMI#	GPO			
D5	LCD_BACKOFF#	GPO			
D6	FAN0_TACH	GPI			
D7	SD_CD_EC#	GPO			
E0	VSUS_ON	GPO			
E1	SUSC_EC#	GPO			
E2	SUSB_EC#	GPO			
E3	CPU_VRON	GPO			
E4	PWR_SW#	GPI			
E5	DDR2_VOL_0	GPO			
E6	LID_SW#	GPI			
E7	MARATHON#	GPO			
F0	CRT_2.5V_PWR#	GPO			
F1	CRT_RST	GPO			
F2	CRT_IN#	GPI			
F3	SATA_RST#	GPO			
F4	TP_CLK	GPIO			
F5	TP_DAT	GPIO			
F6	THRO_CPU	GPO			
F7	BT_ON#	GPO			

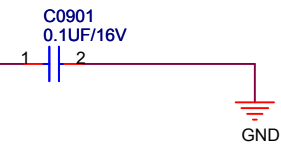
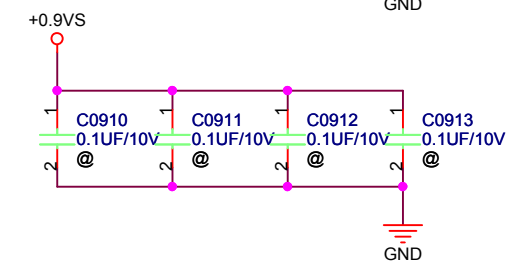
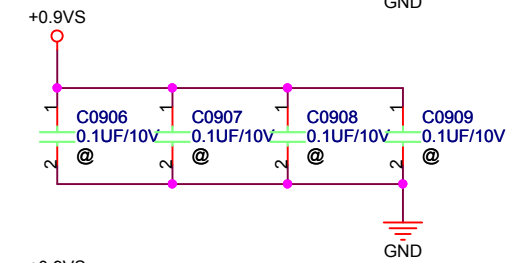
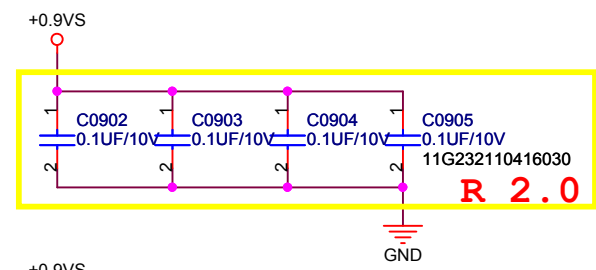
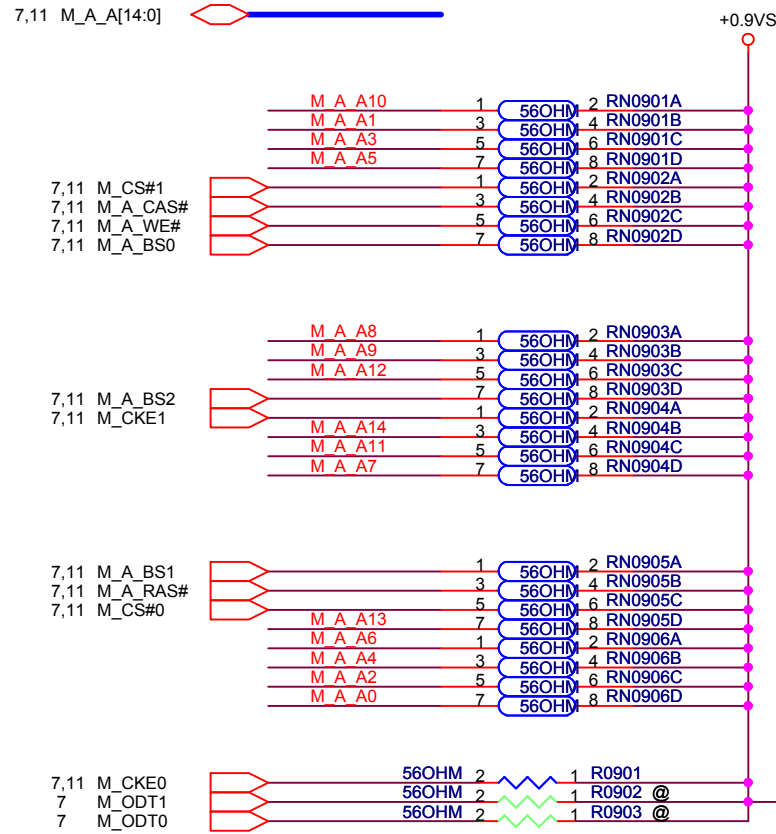




CPU TYPE	Vcore	Freq
Silverthorne Standard Voltage Processor	0.98V TBD @HFM @LFM	TBD
Silverthorne Medium Voltage Processor	0.8V TBD @HFM @LFM	TBD
Silverthorne Low Voltage Processor	0.76V TBD @HFM @LFM	TBD







7 M_A_DQ[63..0]

M_A DQ[63..0]

M_A DQ0	BG49	SM_DQ0
M_A DQ1	BG47	SM_DQ1
M_A DQ2	BE45	SM_DQ2
M_A DQ3	BC43	SM_DQ3
M_A DQ4	BE47	SM_DQ4
M_A DQ5	BC47	SM_DQ5
M_A DQ6	BC45	SM_DQ6
M_A DQ7	BK44	SM_DQ7
M_A DQ8	BK42	SM_DQ8
M_A DQ9	BG41	SM_DQ9
M_A DQ10	BK40	SM_DQ10
M_A DQ11	BC41	SM_DQ11
M_A DQ12	BG43	SM_DQ12
M_A DQ13	BJ43	SM_DQ13
M_A DQ14	BJ39	SM_DQ14
M_A DQ15	BG39	SM_DQ15
M_A DQ16	BC39	SM_DQ16
M_A DQ17	BK38	SM_DQ17
M_A DQ18	BG37	SM_DQ18
M_A DQ19	BK36	SM_DQ19
M_A DQ20	BJ37	SM_DQ20
M_A DQ21	BG35	SM_DQ21
M_A DQ22	BJ35	SM_DQ22
M_A DQ23	BC35	SM_DQ23
M_A DQ24	BK34	SM_DQ24
M_A DQ25	BG31	SM_DQ25
M_A DQ26	BG33	SM_DQ26
M_A DQ27	BK30	SM_DQ27
M_A DQ28	BC33	SM_DQ28
M_A DQ29	BJ33	SM_DQ29
M_A DQ30	BJ31	SM_DQ30
M_A DQ31	BC31	SM_DQ31
M_A DQ32	BJ29	SM_DQ32
M_A DQ33	BG29	SM_DQ33
M_A DQ34	BK28	SM_DQ34
M_A DQ35	BC29	SM_DQ35
M_A DQ36	BE27	SM_DQ36
M_A DQ37	BK26	SM_DQ37
M_A DQ38	BG25	SM_DQ38
M_A DQ39	BJ25	SM_DQ39
M_A DQ40	BC25	SM_DQ40
M_A DQ41	BG23	SM_DQ41
M_A DQ42	BK22	SM_DQ42
M_A DQ43	BJ21	SM_DQ43
M_A DQ44	BK24	SM_DQ44
M_A DQ45	BJ23	SM_DQ45
M_A DQ46	BG21	SM_DQ46
M_A DQ47	BC21	SM_DQ47
M_A DQ48	BK20	SM_DQ48
M_A DQ49	BJ19	SM_DQ49
M_A DQ50	BG17	SM_DQ50
M_A DQ51	BJ17	SM_DQ51
M_A DQ52	BG19	SM_DQ52
M_A DQ53	BC19	SM_DQ53
M_A DQ54	BC17	SM_DQ54
M_A DQ55	BK16	SM_DQ55
M_A DQ56	BG15	SM_DQ56
M_A DQ57	BC15	SM_DQ57
M_A DQ58	BJ13	SM_DQ58
M_A DQ59	BK12	SM_DQ59
M_A DQ60	BK14	SM_DQ60
M_A DQ61	BJ15	SM_DQ61
M_A DQ62	BC13	SM_DQ62
M_A DQ63	BC11	SM_DQ63

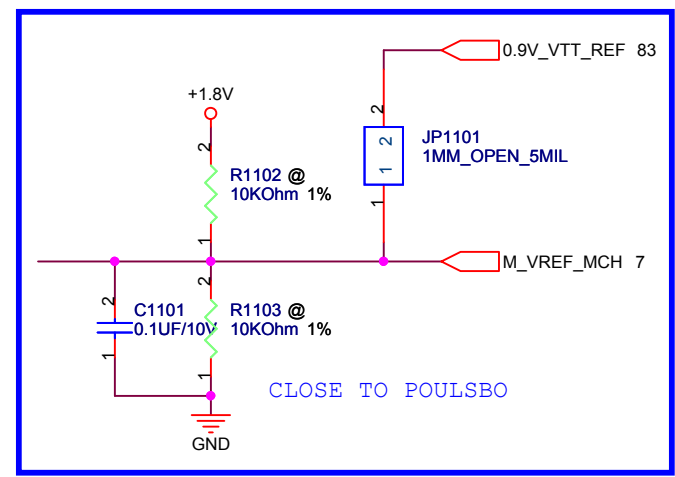
U1001D

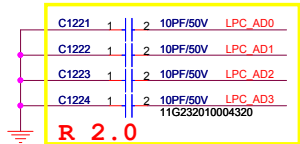
POULSBO

DDR SYSTEM MEMORY

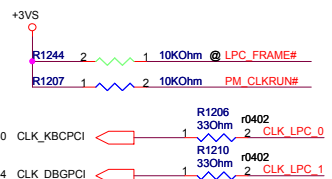
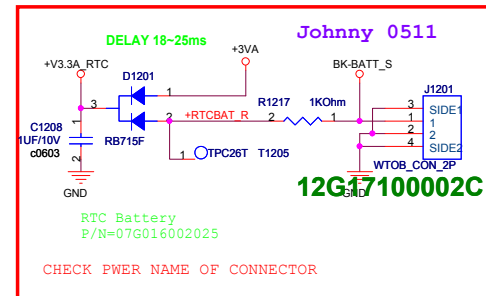
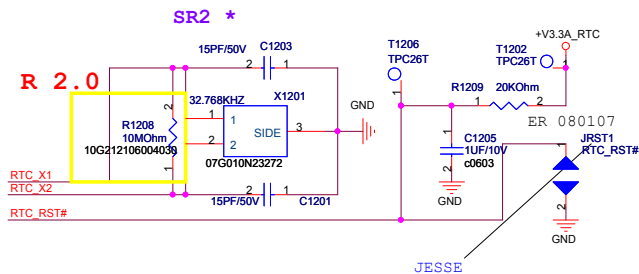
SM_BS0	BC27	M_A_BS0 7,9
SM_BS1	BE25	M_A_BS1 7,9
SM_BS2	BA35	M_A_BS2 7,9
SM_CK0	BG45	M_CLK_DDR0 7
SM_CK1	BE11	M_CLK_DDR1 7
SM_CK0#	BJ45	M_CLK_DDR#0 7
SM_CK1#	BG11	M_CLK_DDR#1 7
SM_CKE0	BE39	M_CKE0 7,9
SM_CKE1	BE37	M_CKE1 7,9
SM_DQS0	BJ47	M_A_DQS0
SM_DQS1	BJ41	M_A_DQS1
SM_DQS2	BC37	M_A_DQS2
SM_DQS3	BK32	M_A_DQS3
SM_DQS4	BG27	M_A_DQS4
SM_DQS5	BE23	M_A_DQS5
SM_DQS6	BK18	M_A_DQS6
SM_DQS7	BG13	M_A_DQS7
SM_MA0	BJ27	M_A_A0
SM_MA1	BA19	M_A_A1
SM_MA2	BA27	M_A_A2
SM_MA3	BA25	M_A_A3
SM_MA4	BE29	M_A_A4
SM_MA5	BC23	M_A_A5
SM_MA6	BE31	M_A_A6
SM_MA7	BA31	M_A_A7
SM_MA8	BA33	M_A_A8
SM_MA9	BA29	M_A_A9
SM_MA10	BE17	M_A_A10
SM_MA11	BE35	M_A_A11
SM_MA12	BE33	M_A_A12
SM_MA13	BE19	M_A_A13
SM_MA14	BA37	M_A_A14
SM_VREF	BE43	M_VREF_MCH
SM_RAS#	BE21	M_A_RAS# 7,9
SM_CAS#	BA13	M_A_CAS# 7,9
SM_WE#	BA17	M_A_WE# 7,9
SM_CS0#	BA23	M_CS#0 7,9
SM_CS1#	BA15	M_CS#1 7,9
SM_RCOMP0	BE13	SM_RCOMP0
SM_RCVENIN	BA39	MA_RCVENIN
SM_RCVENOUT	BE41	MA_RCVENOUT

Note: TOTAL LENGTH <1"

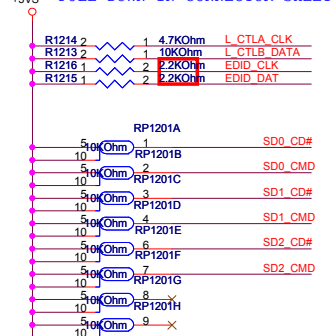




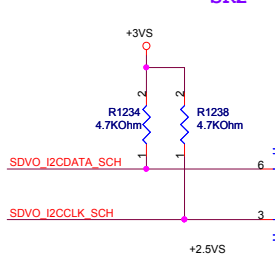
DEL LOGIC CKT @07/05/07 JESSE



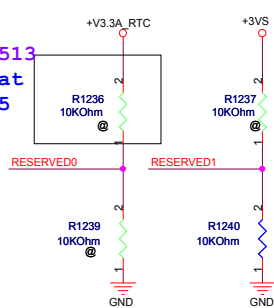
NOTE: L_BKLTEN AND L_VDDEN
PULL DOWN IN CONNECTOR SHEET



SR2 *



Johnny 0513
Unmount at
Swift 0.5



LPC_CLKOUT[0] Drive Strength

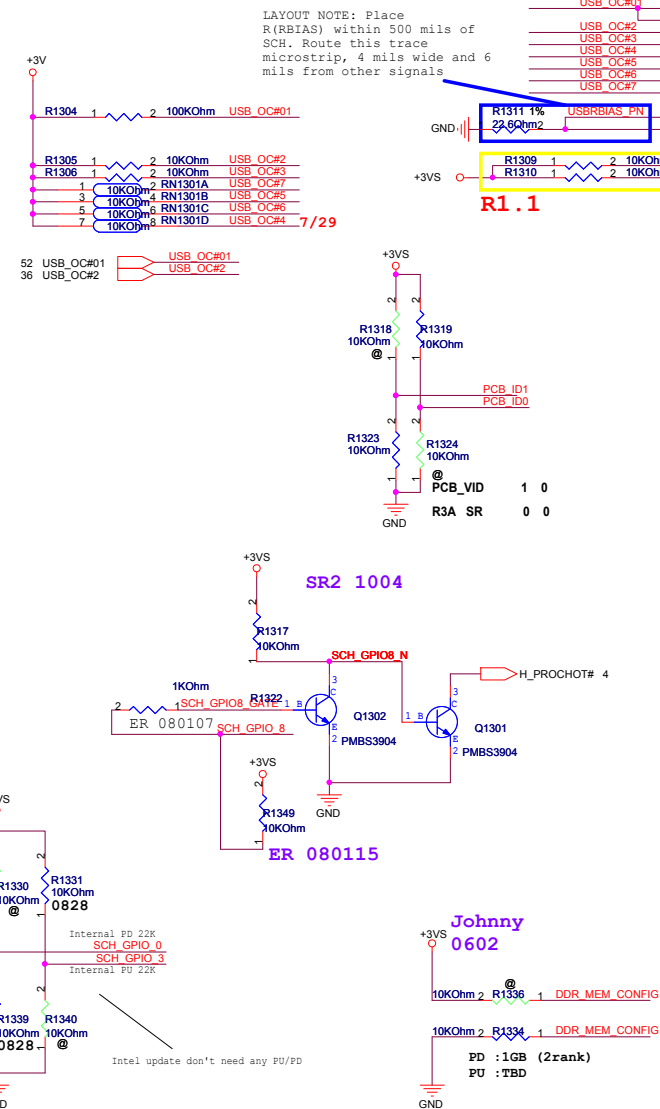
RESERVED1	RESERVED0	Value
0	0	Reserved
0	1	1 Load (Default)
1	0	Reserved
1	1	2 Loads

Johnny 0513

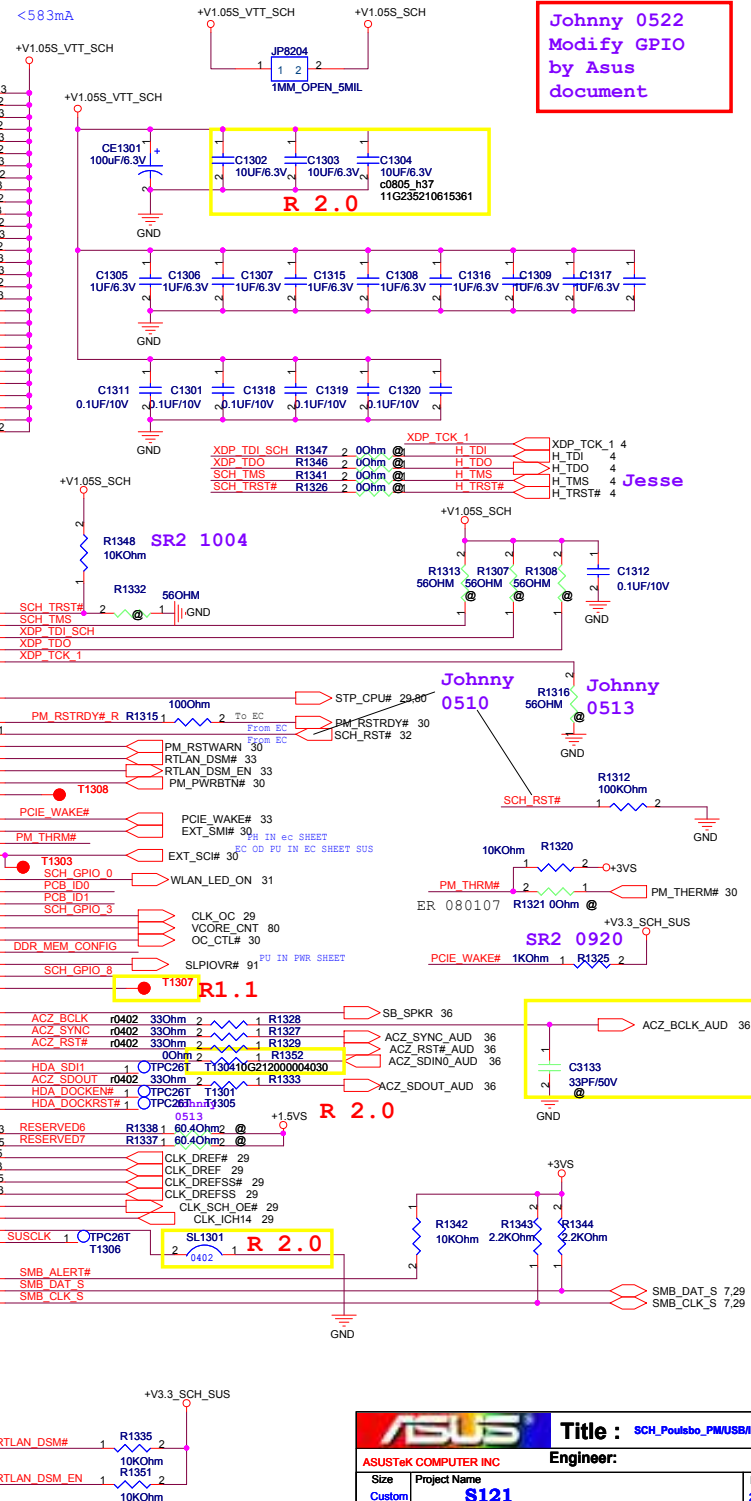
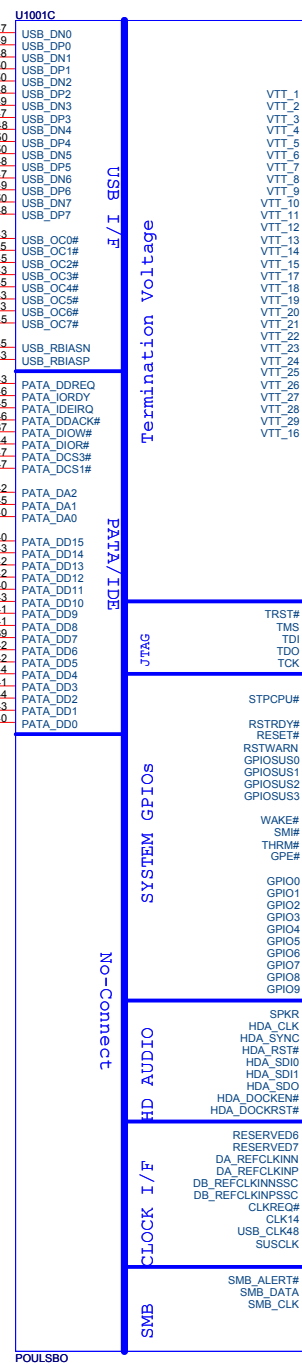
SLPRDY#	SLPMODE	
0	1	SCH ready to enter S3
0	0	SCH ready to enter S4/S5

ASUS		Title :
ASUSTek COMPUTER INC		Engineer:
Size	Project Name	Rev
Custom	S121	2.0
Date:	Friday, December 05, 2008	Sheet 12 of 97

USB 0	USB CON
USB 1	USB CON
USB 2	USB CON
USB 3	USB WIFI
USB 4	BT
USB 5	Card Reader
USB 6	
USB 7	Camera 3M



GPIO3	GPIO0	Address
0	0	0xFFFFB0000
0	1	0xFFFFC0000
1	0	0xFFFFD0000 (default)
1	1	0xFFFFE0000

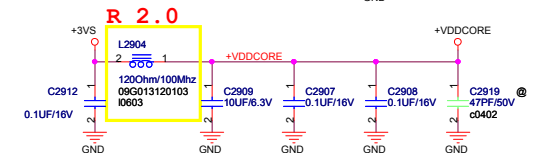
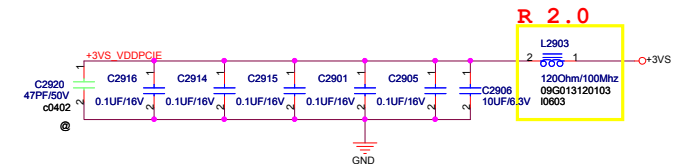
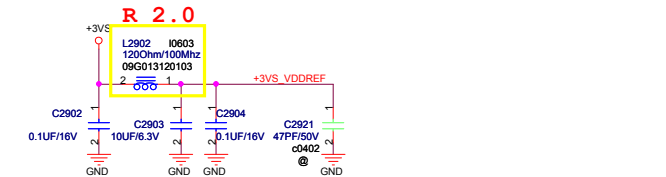
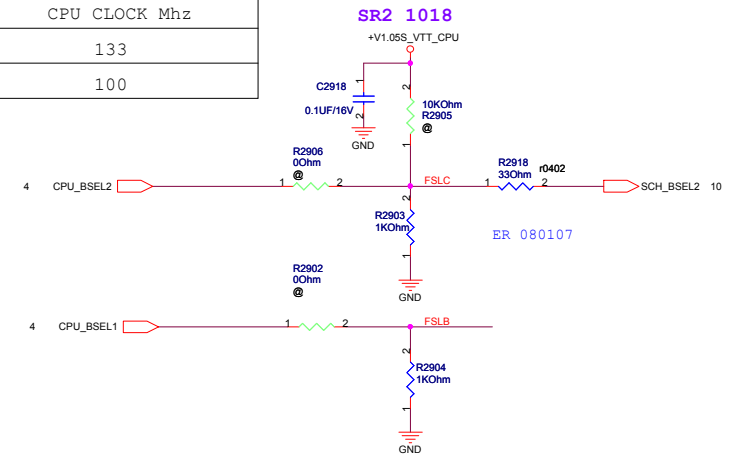


VSS

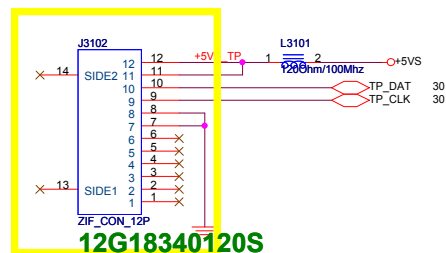
VSS

POULSBO

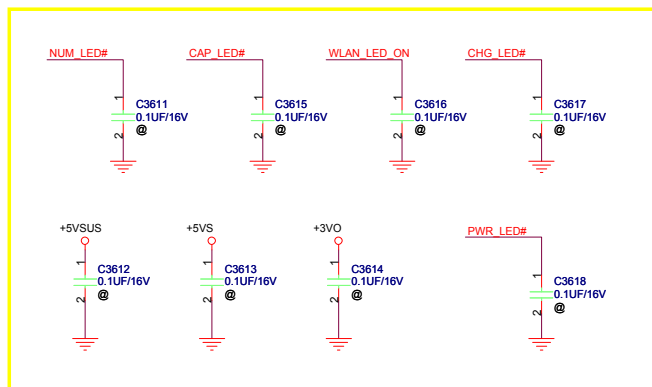
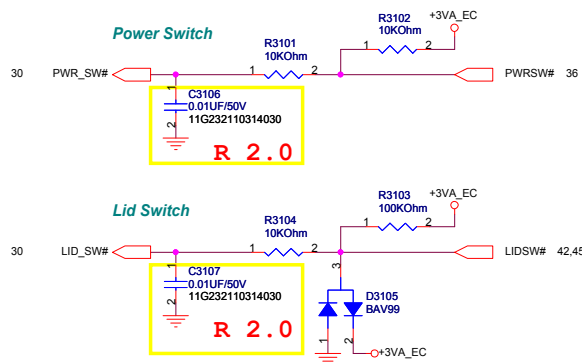
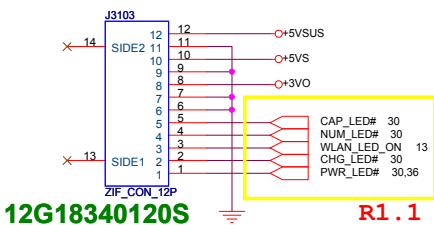
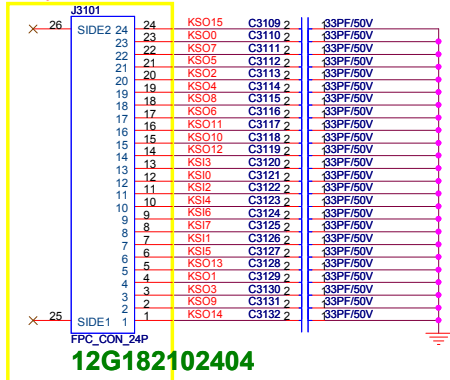
POULSBO

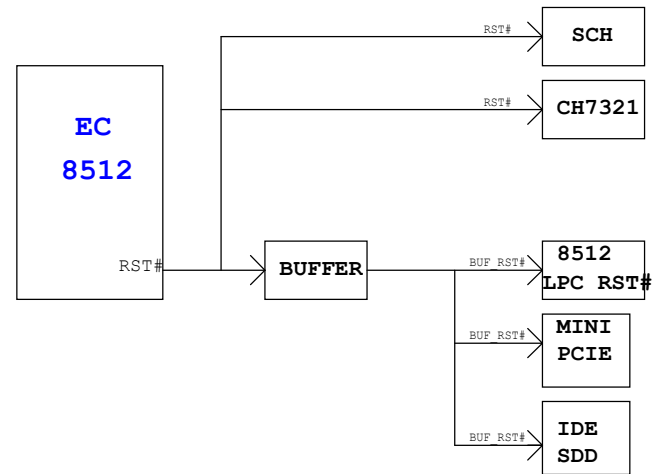
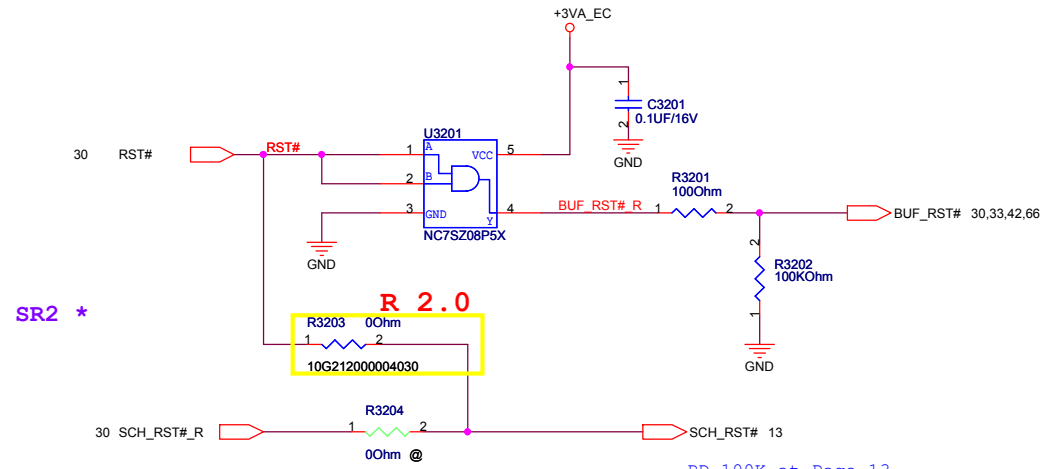
SR2 1018

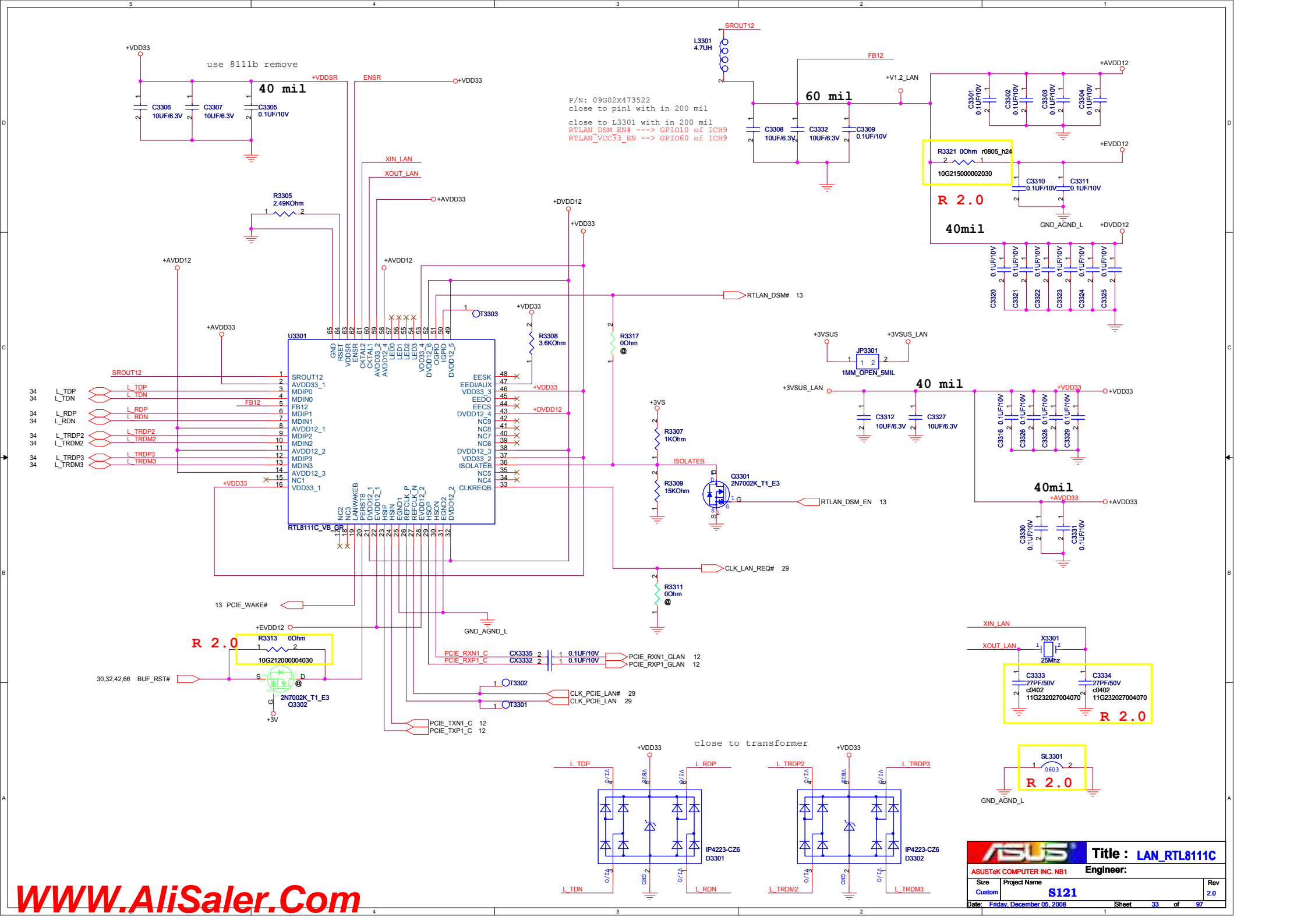
		Title : CLOCK GEN	
ASUSTek COMPUTER INC		Engineer:	
Size Custom	Project Name S121	Rev 2.0	
Date: Friday, December 05, 2008		Sheet 29 of 97	

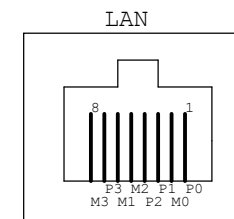
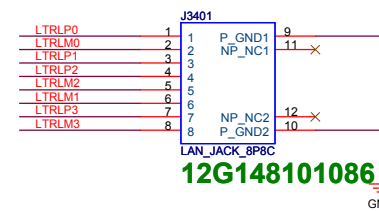
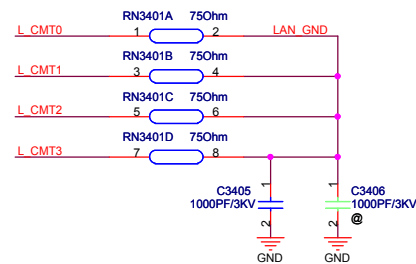
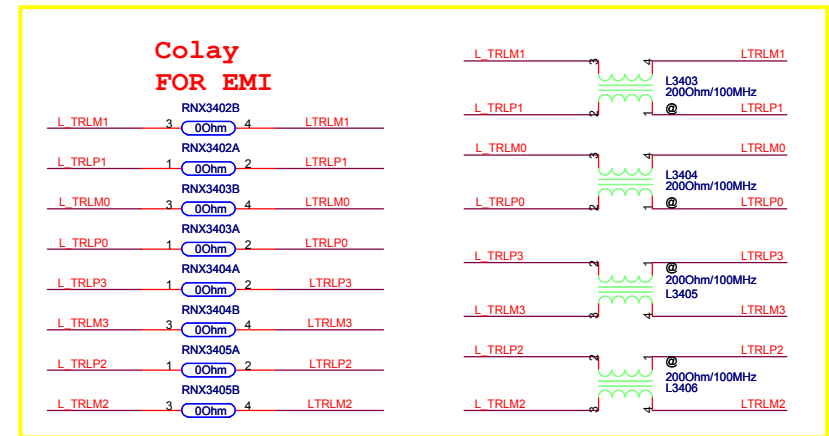
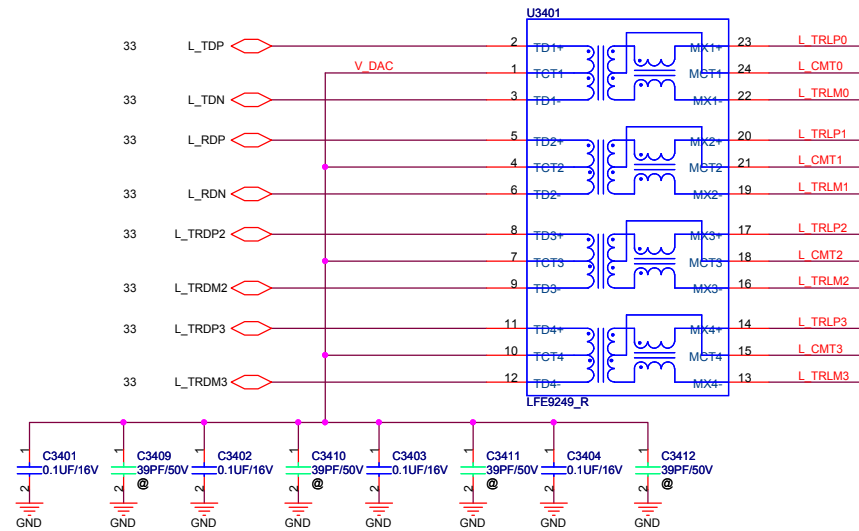


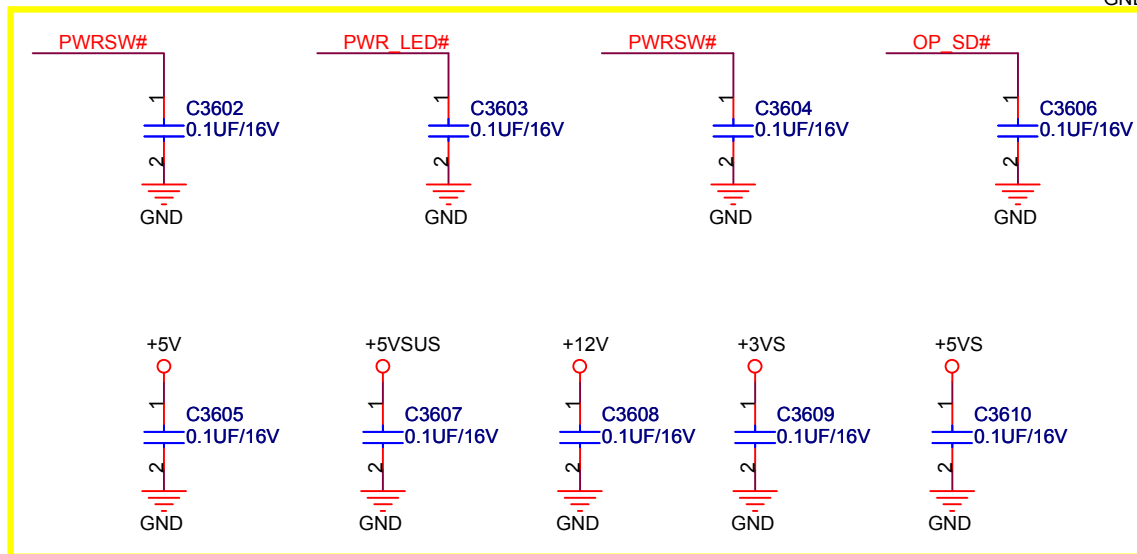
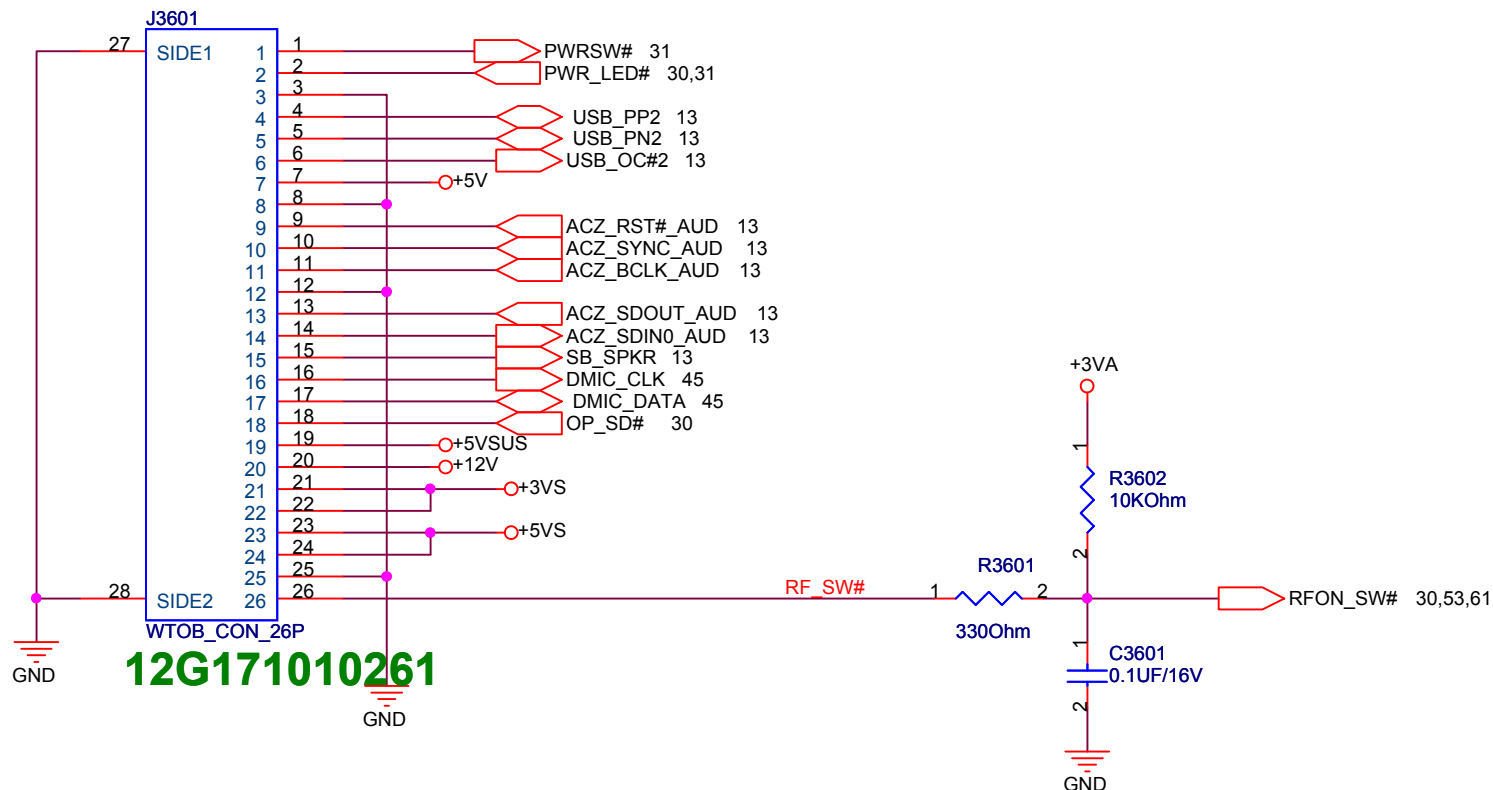
R1.1





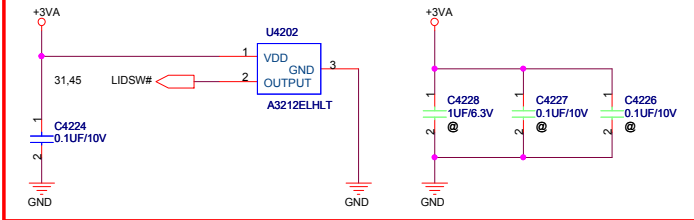




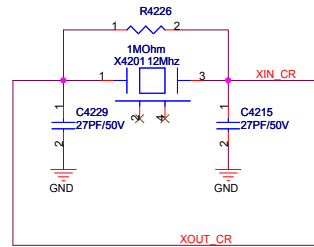
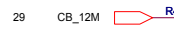
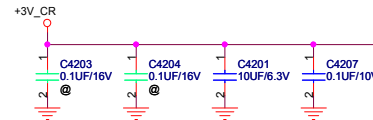
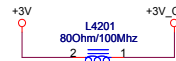


ASUS		Title : IO CON	
ASUSTeK COMPUTER INC. NB1		Engineer:	
Size A	Project Name S121		Rev 2.0
Date: Friday, December 05, 2008		Sheet	36 of 97

LID SENSER



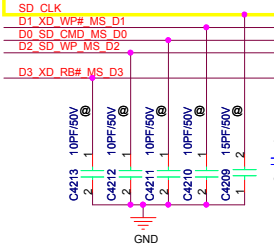
Delete R4223 and R4206
2008/12/02 R 2.0



CARD READER

J4201.16 Change Net Name from
C0_SD_CLK_MS_BS to SD_CLK

2008/12/03 R 2.0



Max: 220mA

Max: 250mA

Max: 220mA

Max: 250mA

Max: 220mA

Max: 250mA

Max: 220mA

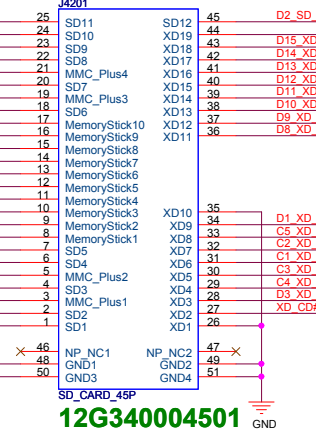
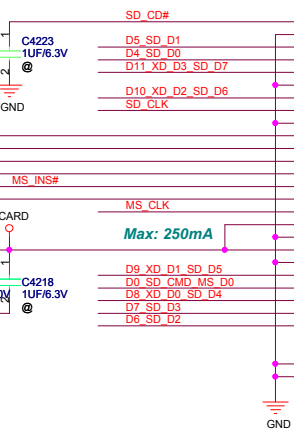
Max: 250mA

Max: 220mA

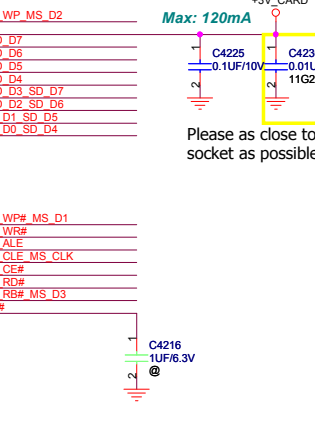
Max: 250mA

Max: 220mA

Max: 250mA



12G340004501



Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

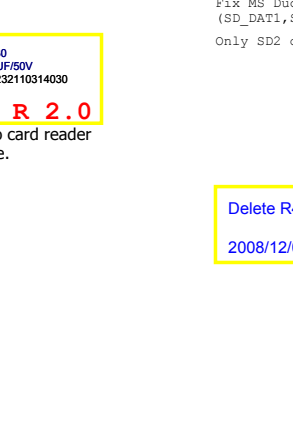
Max: 120mA

Max: 120mA

Max: 120mA

Max: 120mA

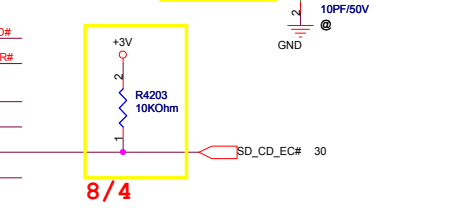
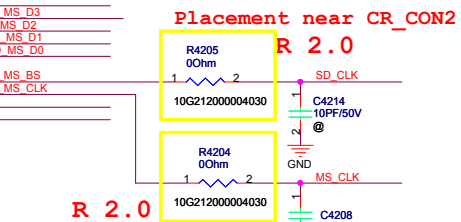
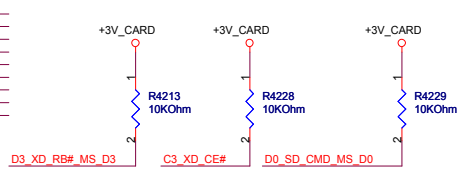
Max: 120mA



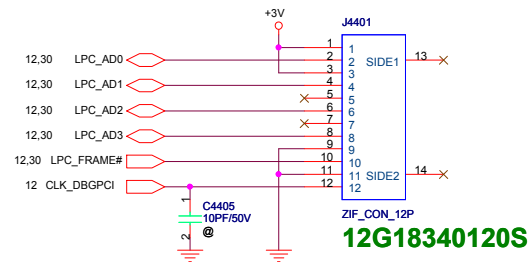
Please as close to card reader socket as possible.

Fix MS Duo Adaptor short issue.
(SD_DAT1,SD_DAT2,XD_GND short,XD_CD# may be possible short)
Only SD2 disconnect

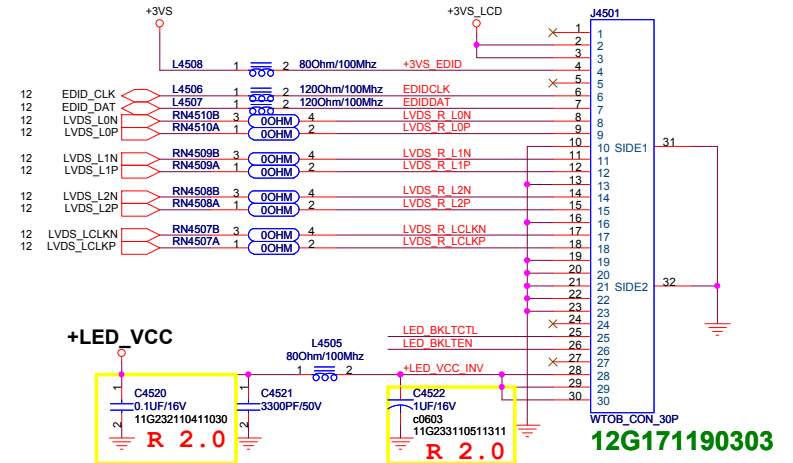
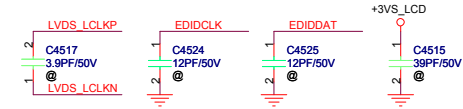
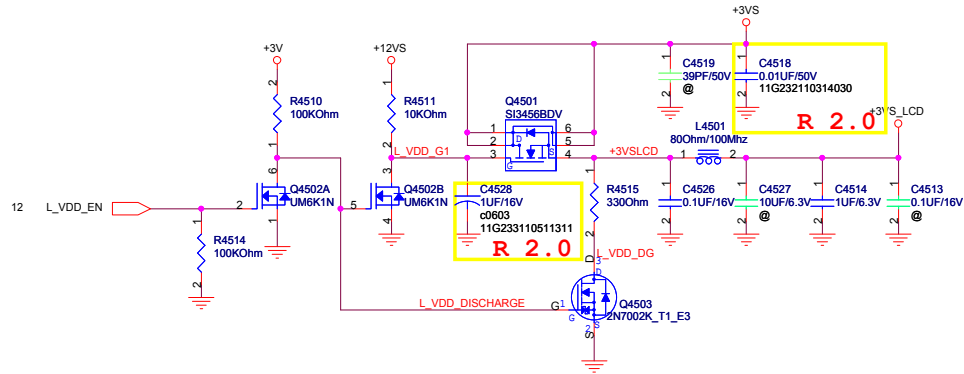
Delete R4224, R4225, R4222, Q4201 and Q4203
2008/12/02 R 2.0



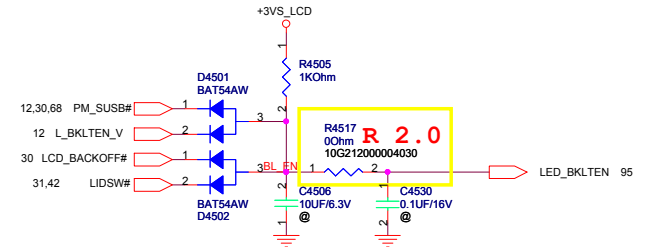
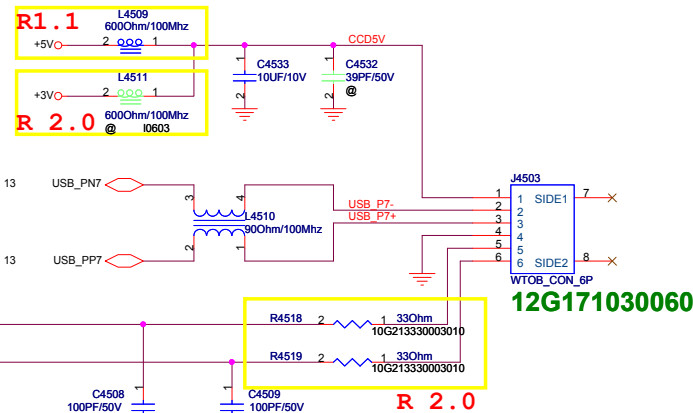
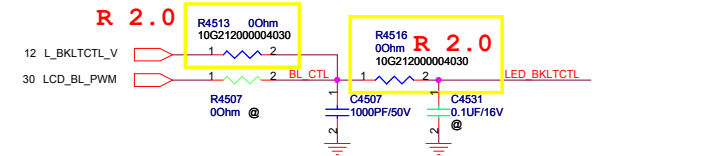
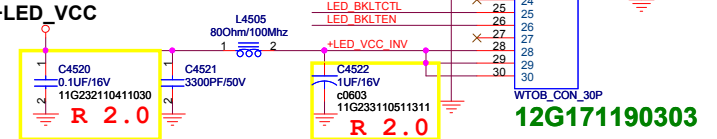
8/4

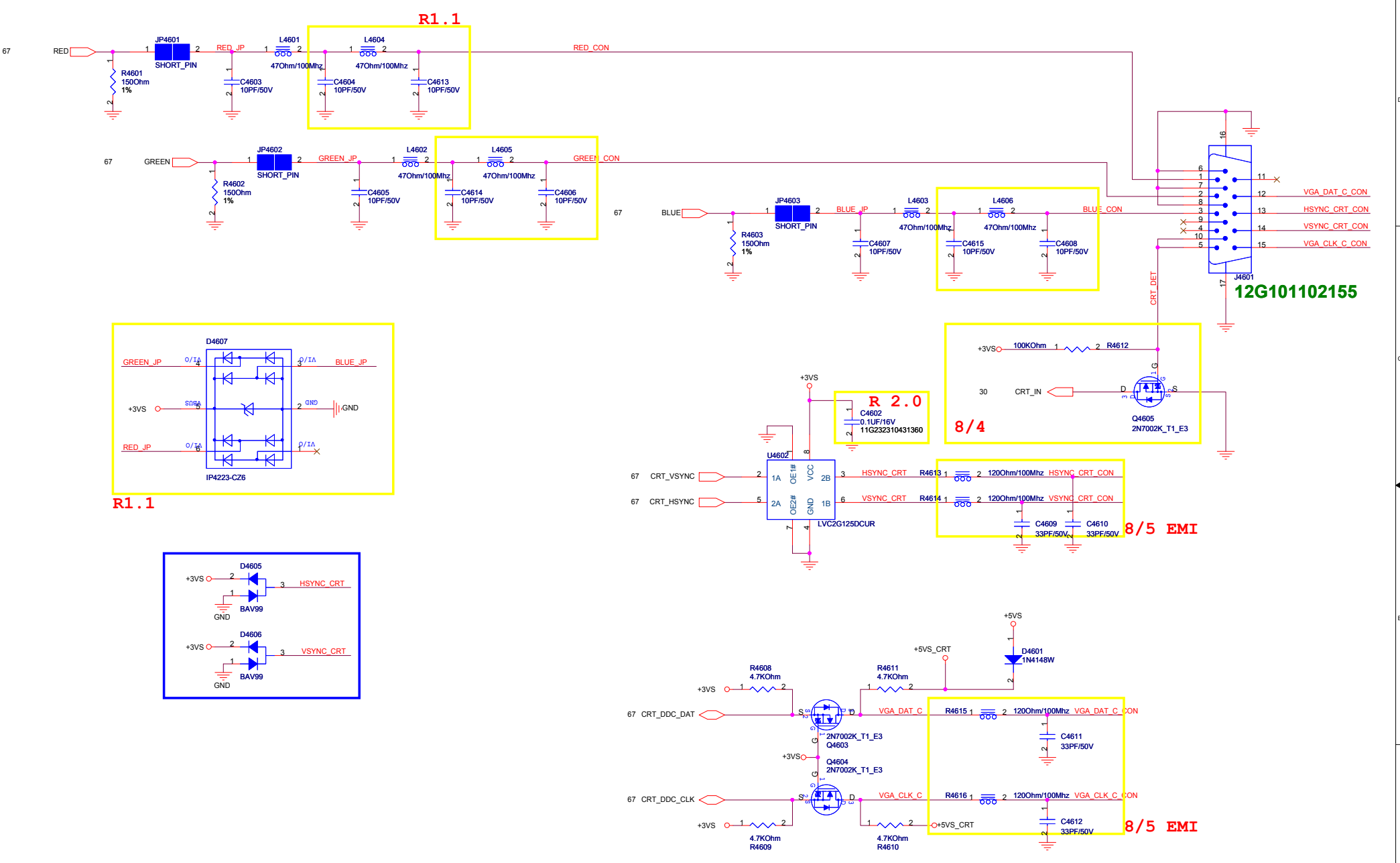


LCD Power

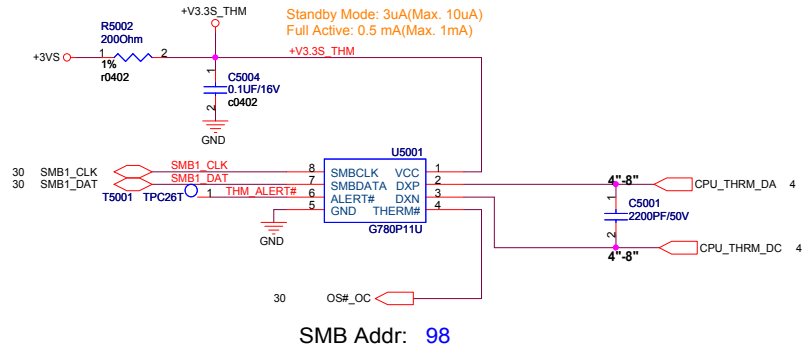


+LED_VCC

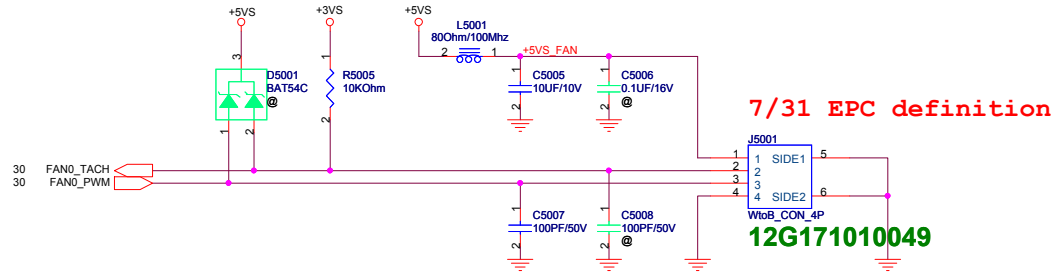


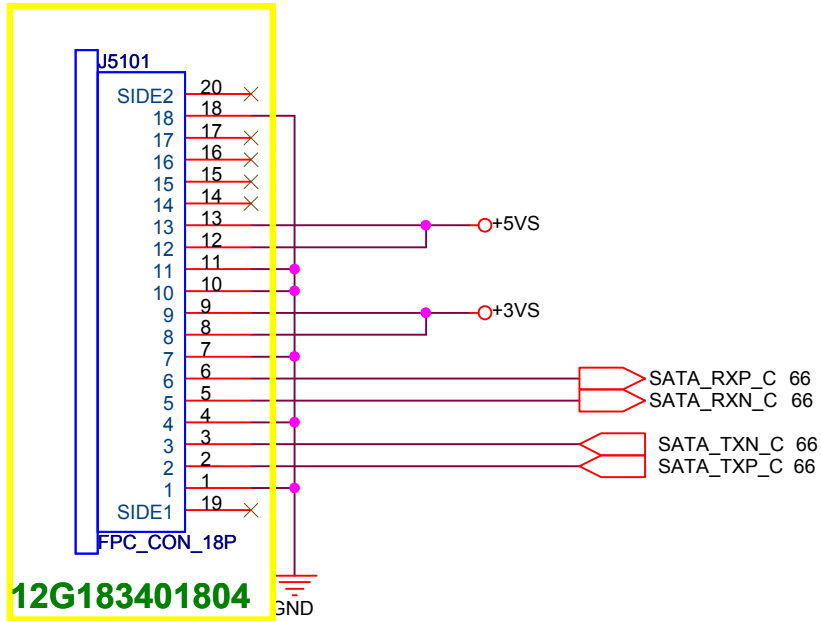


Thermal Sensor



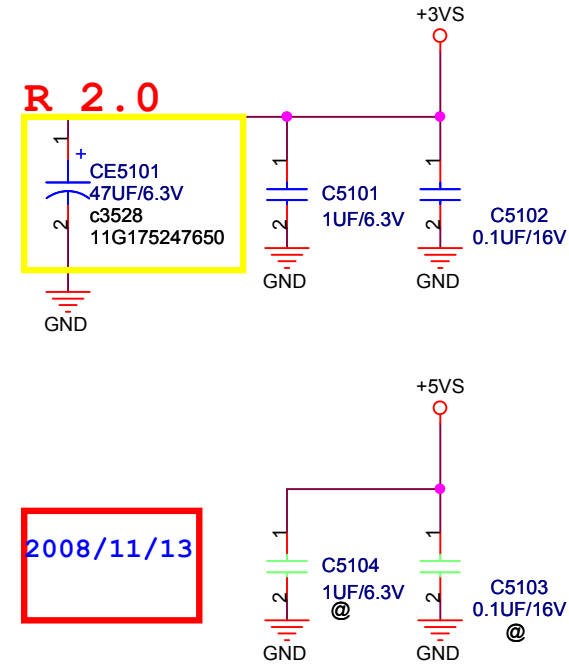
DC FAN Control





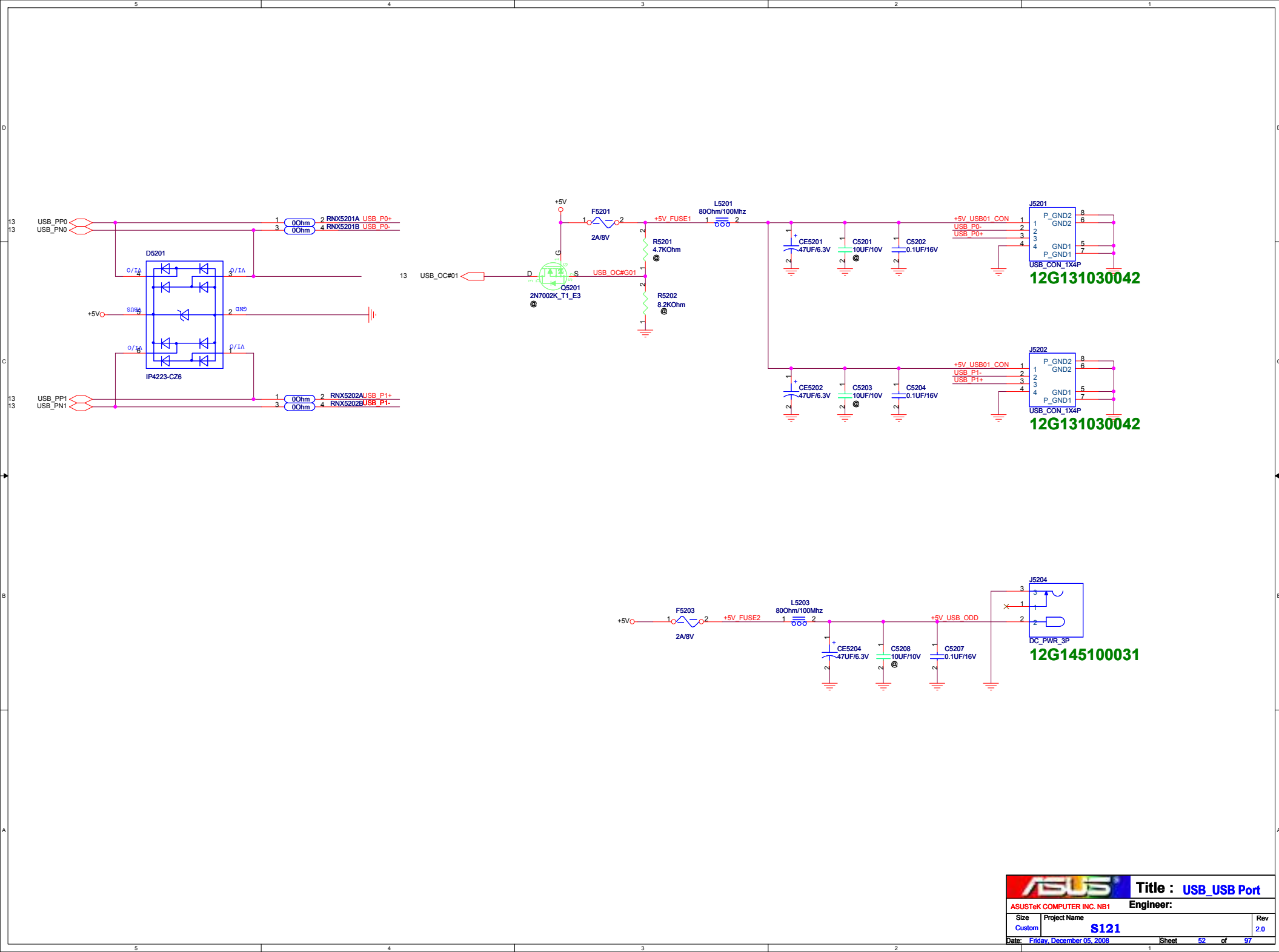
12G183401804

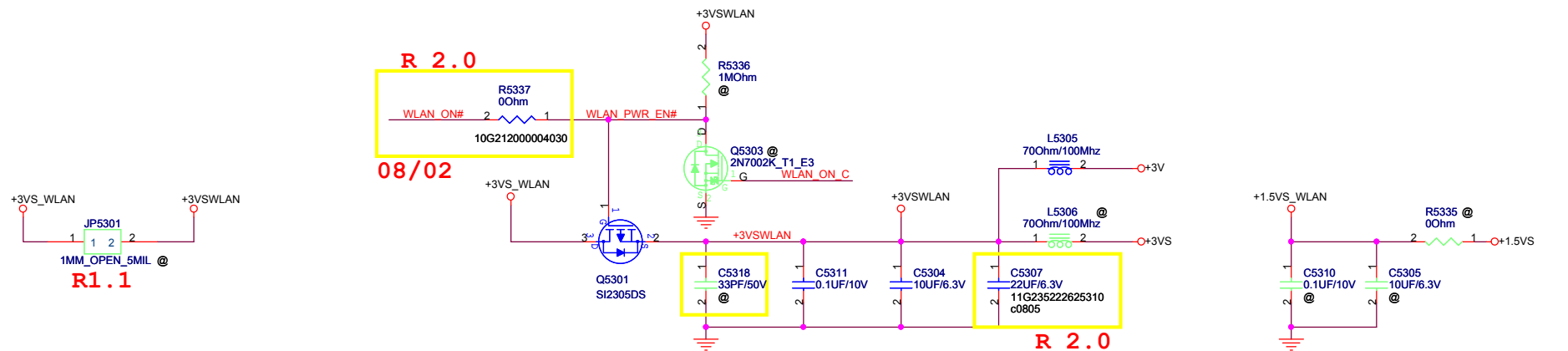
7/30



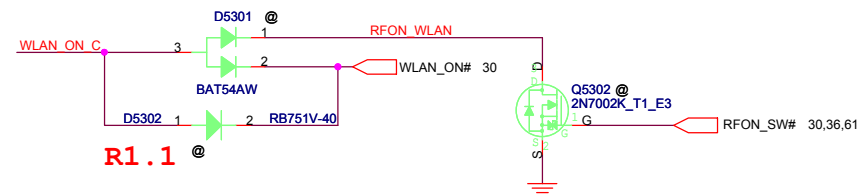
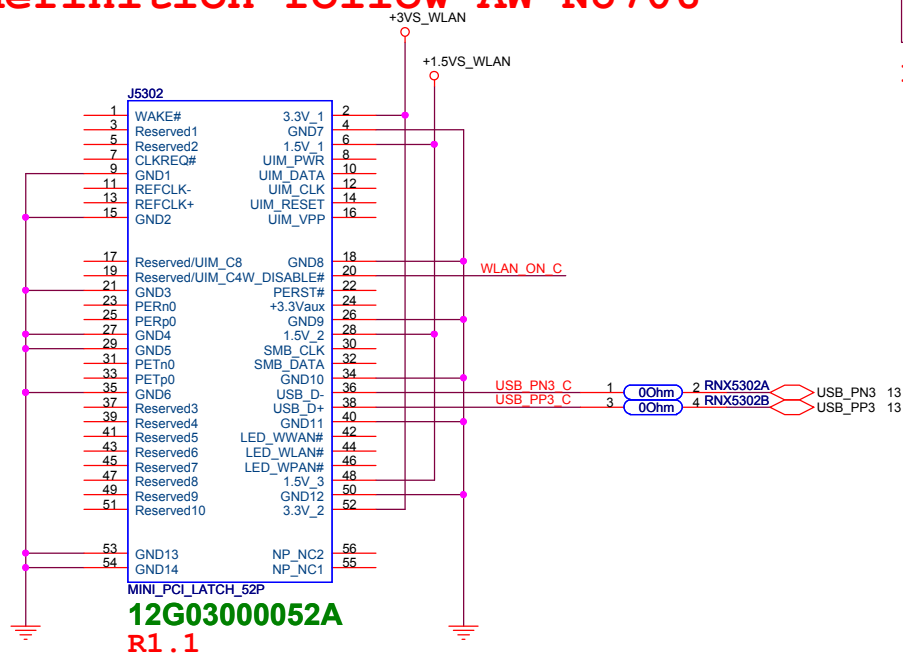
2008/11/13

ASUS		Title : HDD CONNECTOR	
ASUSTeK COMPUTER INC		Engineer:	
Size A	Project Name S121		Rev 2.0
Date: Friday, December 05, 2008	Sheet	51	of 97



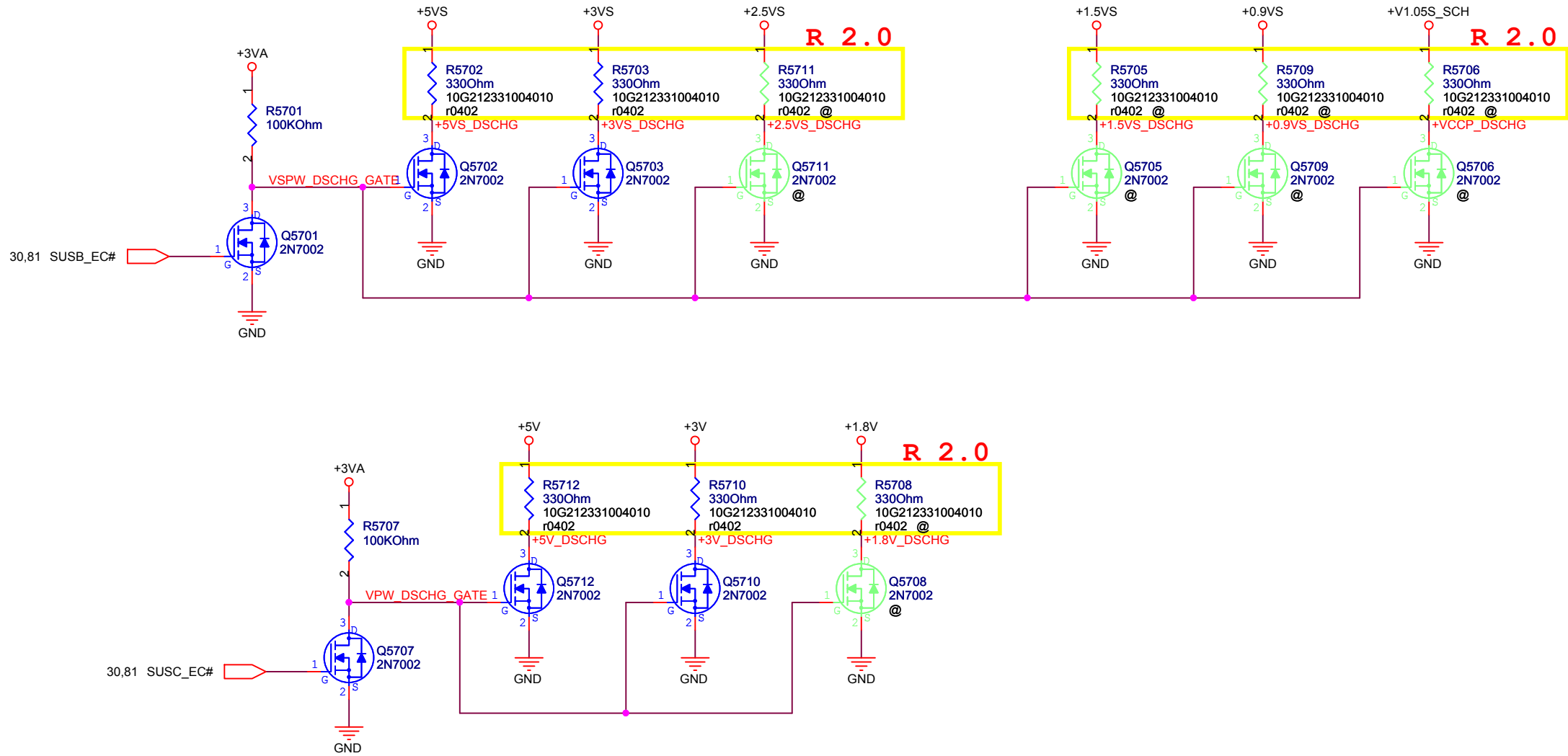


Pin definition follow AW-NU706

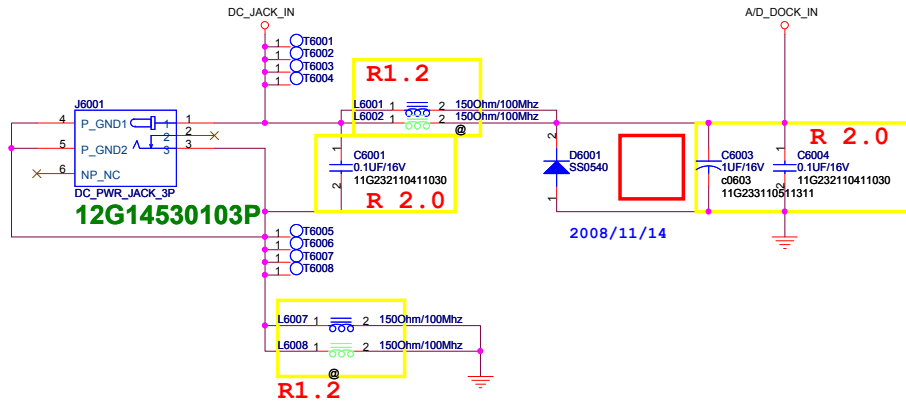


ASUS		Title : PCI_MiniCard	
ASUSTeK COMPUTER INC. NB1		Engineer:	
Size B	Project Name S121		Rev 2.0
Date: Friday, December 05, 2008		Sheet 53	of 97

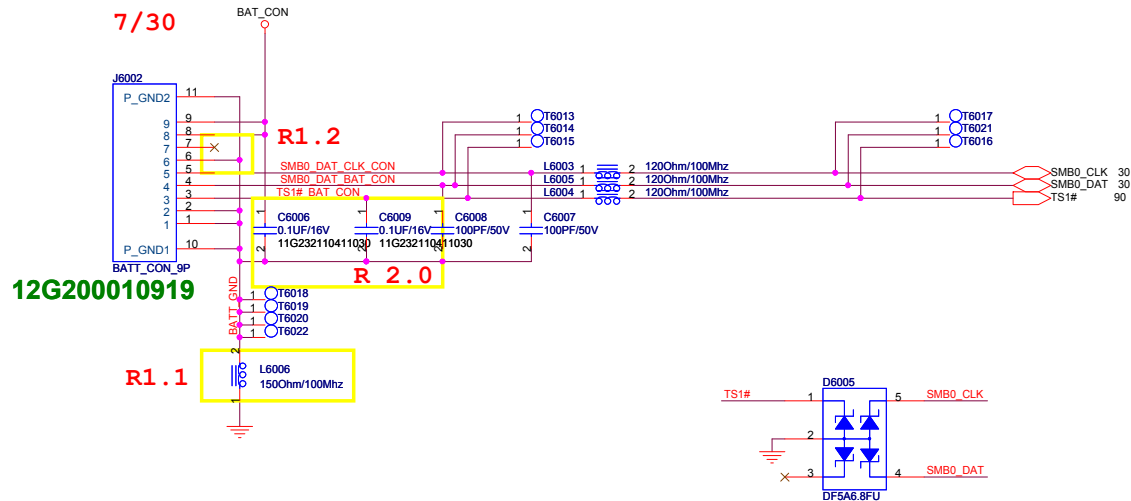


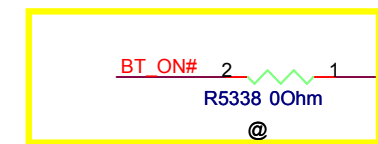


DC IN

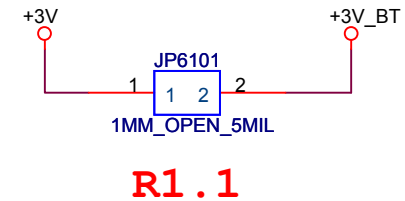
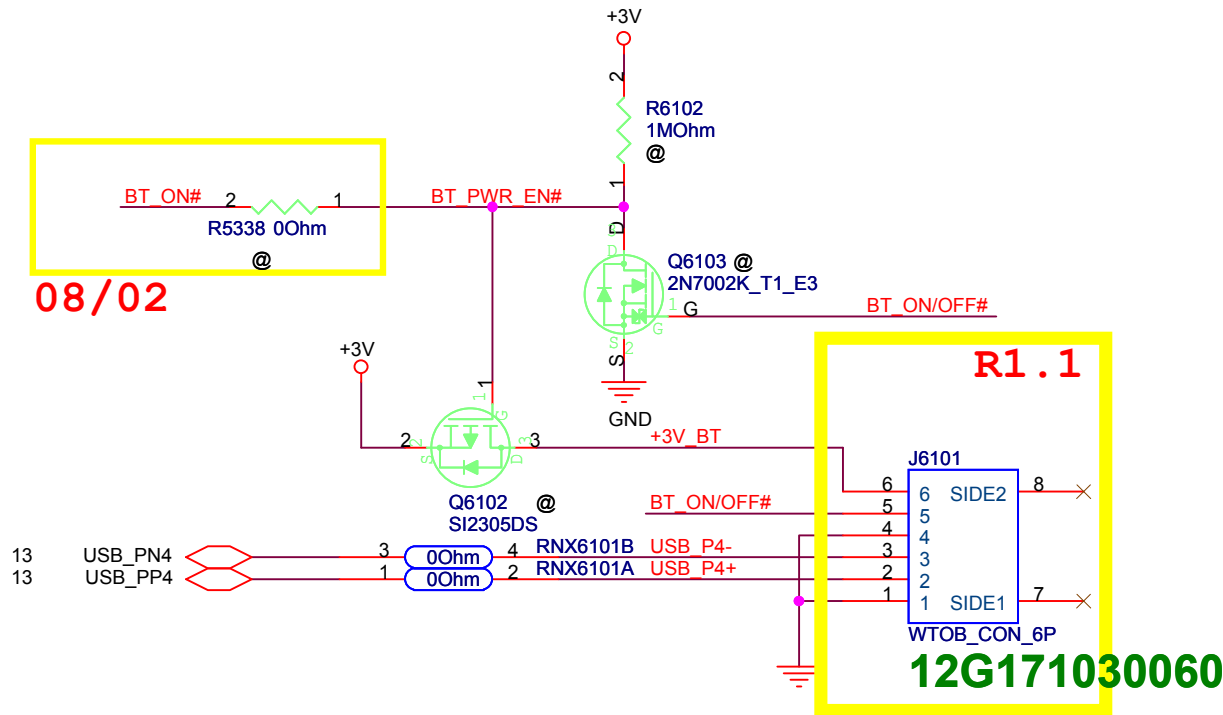


BAT IN

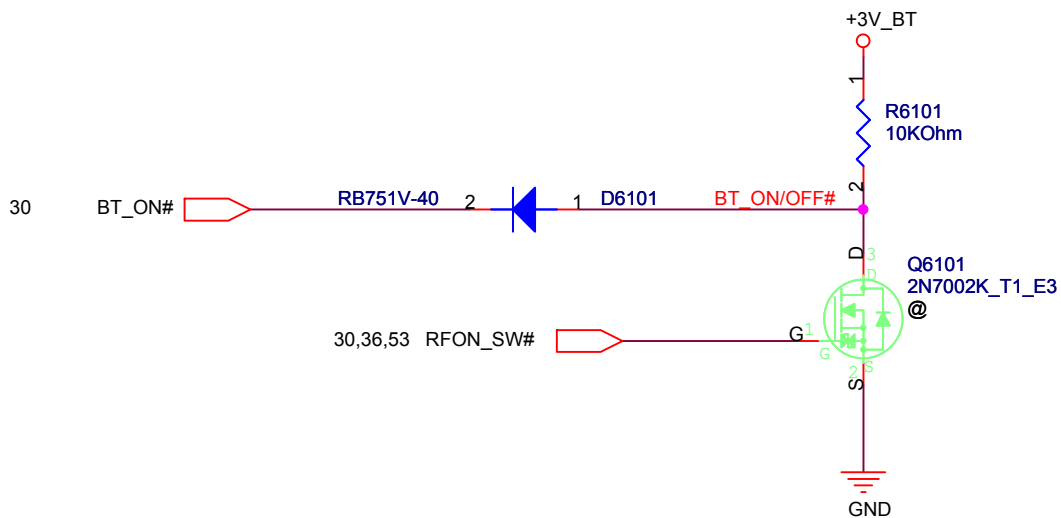




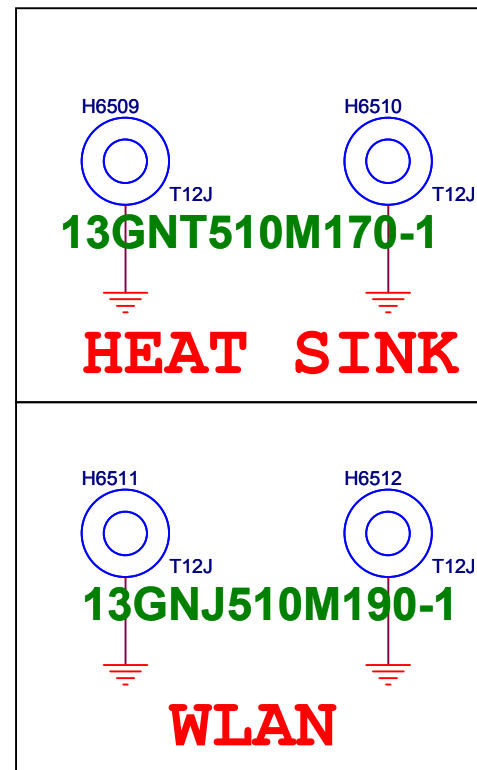
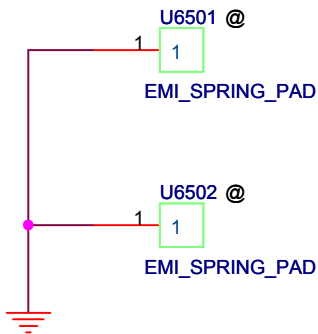
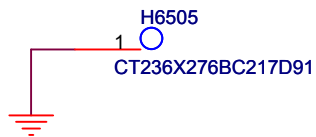
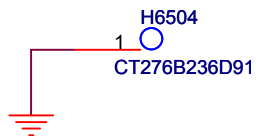
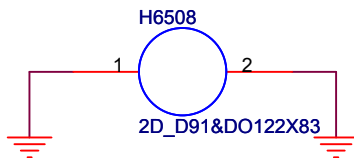
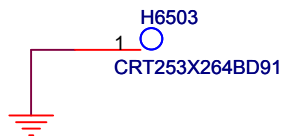
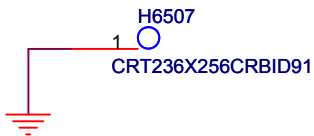
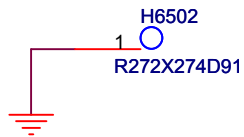
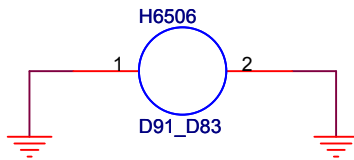
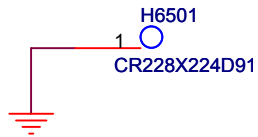
08/02

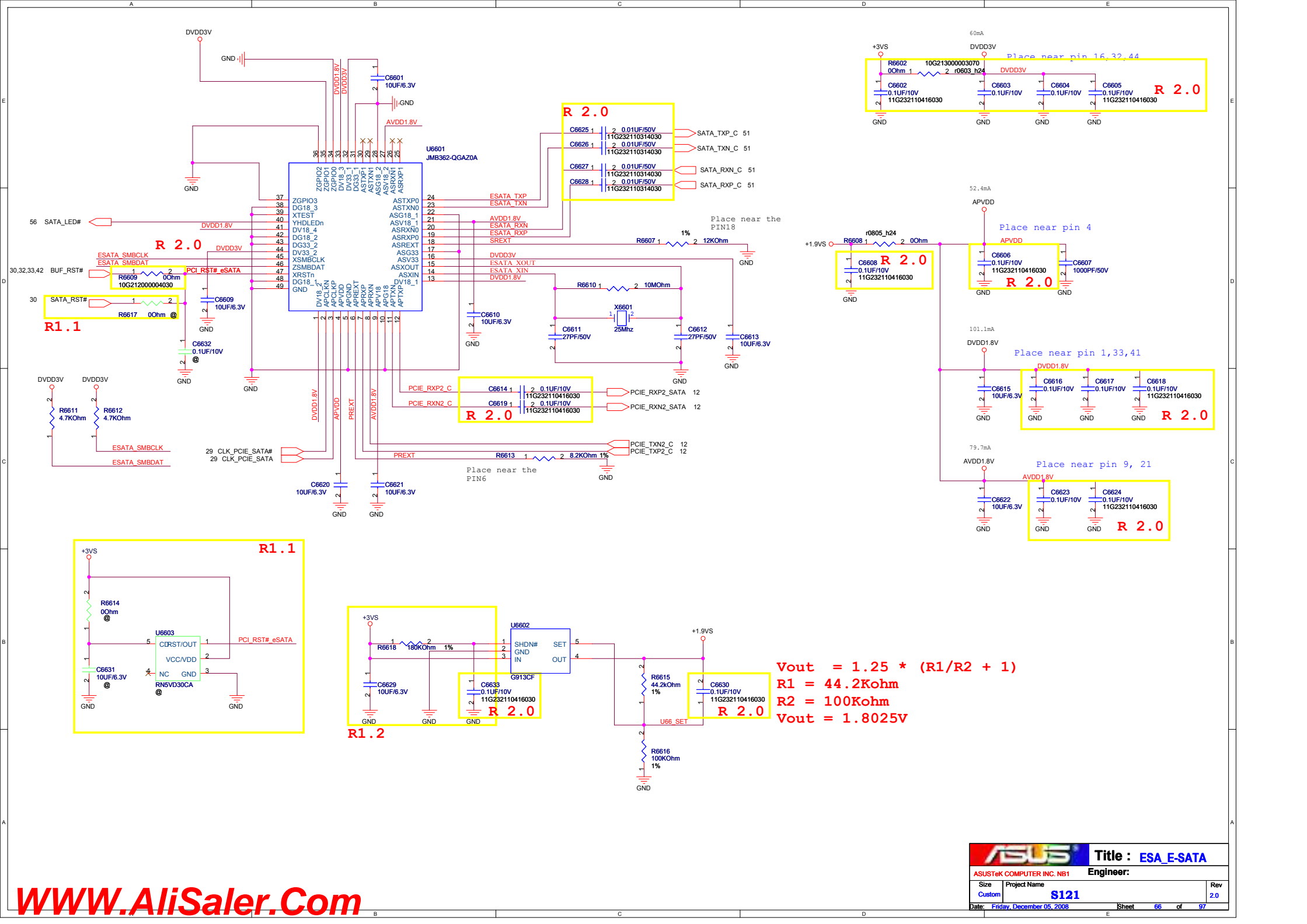


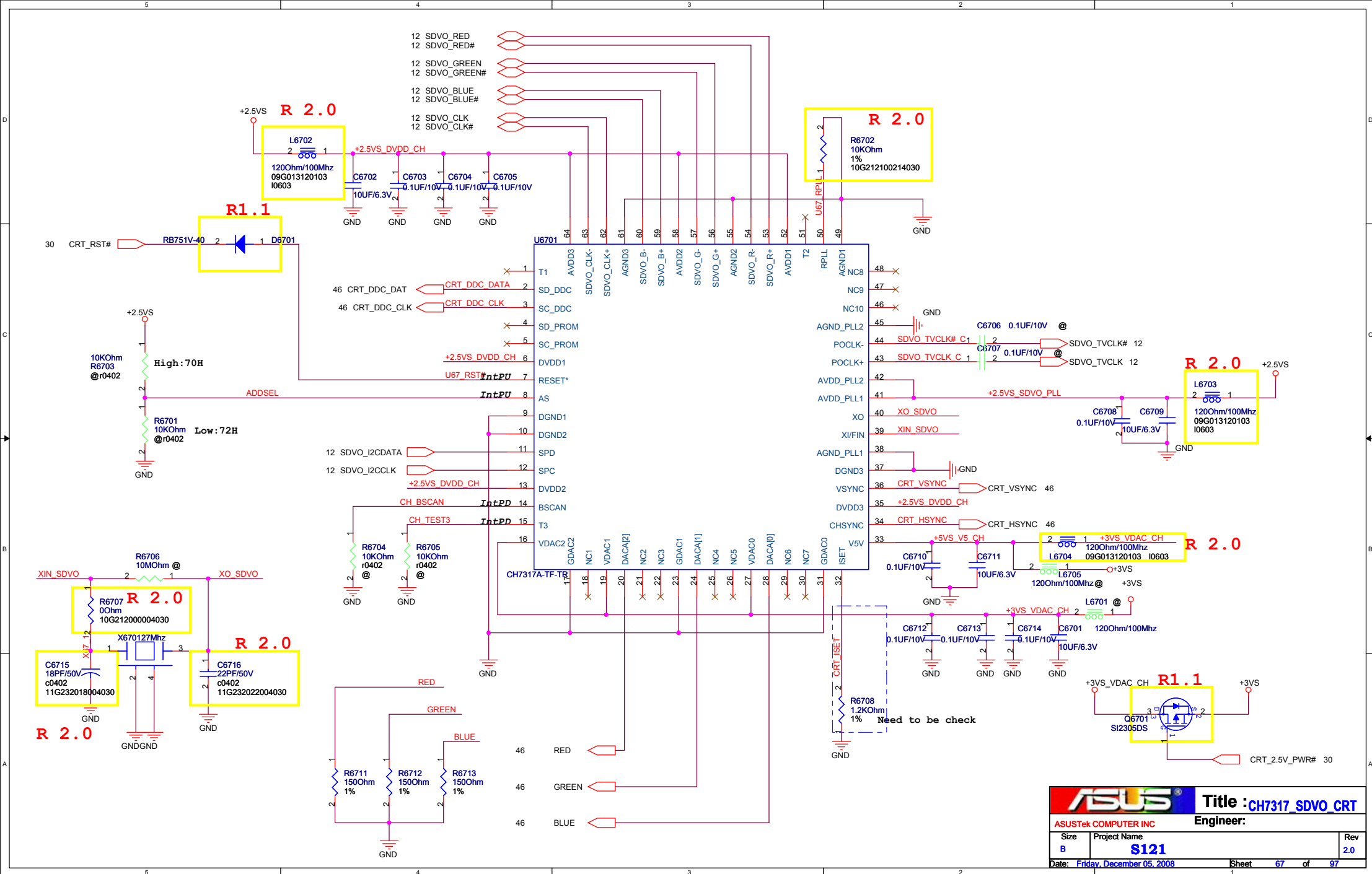
R1.1

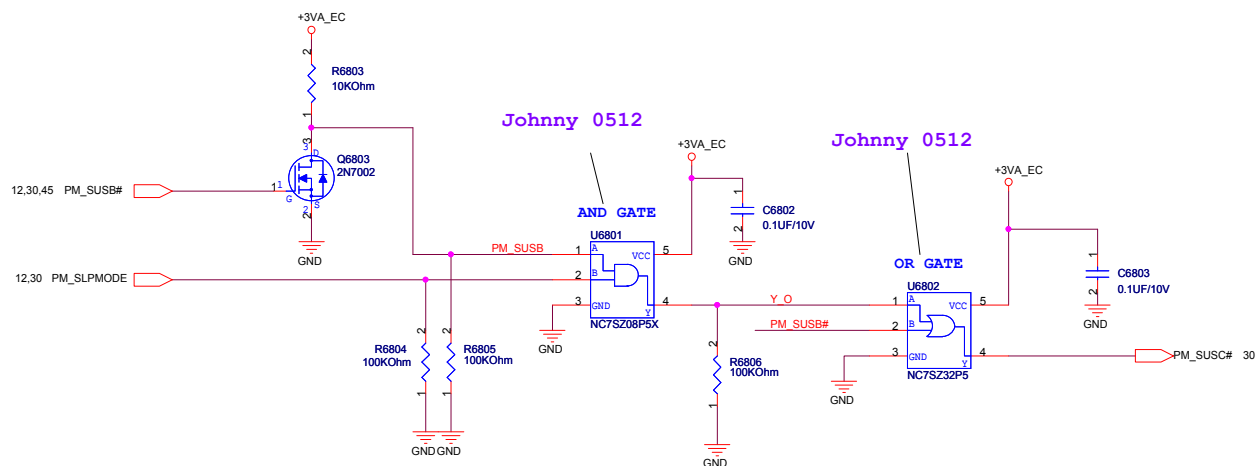


ASUS		Title : BT_Bluetooth	
ASUSTek COMPUTER INC. NB1		Engineer:	
Size A	Project Name S121		Rev 2.0
Date: Friday, December 05, 2008		Sheet	61 of 97

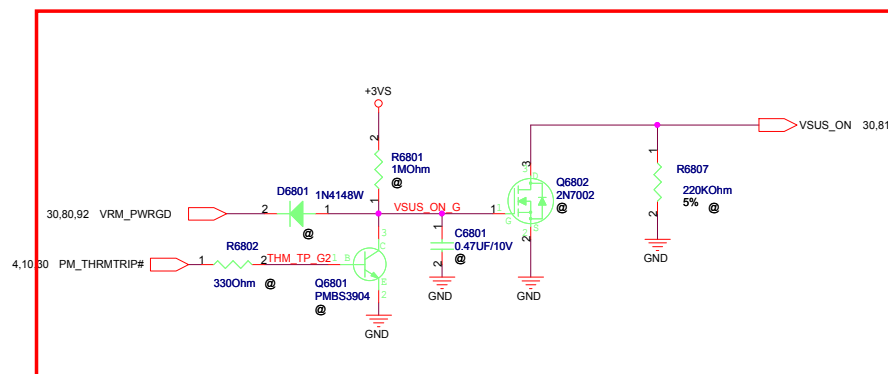








EC	SCH
PM_SUSB#	PM_SLPRDY#
PM_SUSC#	$\overline{\text{PM_SLPRDY\#}} * \text{PM_SLPMODE} + \text{PM_SLPRDY\#}$



History
R 2.0

2008/11/28

- 1. Change Part Number from 11G232110311030 to 11G232110311030
C3106,C3107,C4230,C4518
- 2. Change Part Number from 11G232110311150 to 11G232110311030
C6625,C6626,C6627,C6628
- 3. Change Part Number from 11G232210416360 to 11G232110416030
C0705,C0707,C0708,C0709,C0710,C0711,C0902,C0903,C0904,C0905
- 4. Change Part Number from 11G232110416360 to 11G232110416030
C6602,C6603,C6604,C6605,C6606,C6608,C6614,C6616,C6617,C6618,C6619,C6623,C6624,C6630,C6633
- 5. Change Part Number from 11G232310431390 to 11G232310431360
C4602
- 6. Change Part Number and Package Size from 11G233110412320 & 0603 to 11G232110411030 & 0402
C4520,C6001,C6004,C6006,C6009
- 7. Change Part Number from 10G212000004010 to 10G213000003070
R1408,R4518,R4519
- 8. Change Part Number from 10G213000003030 to 10G213000003070
R6602
- 9. Change Part Number from 10G212000004010 to 10G212000004030
R1352,R3035,R3044,R3203,R3313,R4204,R4205,R4223,R4224,R4225,R4513,R4516,R4517,R5337,R6609,R6707
- 10. Change Part Number from 10G215000002010 to 10G215000002030
R3321
- 11. Change Part Number from 10G212100214010 to 10G212100214030
R6702
- 12. Change Part Number from 10G212106004010 to 10G212106004030
R1208
- 13. Change Part Number from 10G213100003030 to 10G213100003020
R1407
- 14. Change Part Number & Package size from 10G212100004070 & 0402 to 10G213100003020 & 0603
R1410
- 15. Change Part Number from 11G232010004030 to 11G232010004320
C1221,C1222,C1223,C1224
- 16. Change Part Number from 11G235210615030 to 11G235210615361
C1302,C1303,C1304
- 17. Change Part Number & Package size from 09G01C120400 & 0402 to 09G013120103 & 0603
L1401
- 18. Change Part Number from 09G013120114 to 09G013120103
L2902,L2903,L2904,L6702,L6703,L6704
- 19. Change Part Number from 11G235310532320 to 11G233110511311
C4522,C4528,C6003
- 20. Change Part Number from 11G233222515320 to 11G233222516360
C1408,C1409
- 21. Change Part Number and Package Size from 11G233022004320 & 0603 to 11G232022004030 & 0402
C6716
- 22. Change Part Number from 11G235222625360 to 11G235222625310
C5307
- 23. Change Part Number and Package Size from 11G233027004320 & 0603 to 11G232027004070 & 0402
C2910,C2911,C3333,C3334
- 24. Change Part Number and Package Size from 10G213331003030 & 0603 to 10G213331003030 & 0402
R5702,R5703,R5705,R5706,R5708,R5709,R5710,R5711,R5712
- 25. Change Part Number from 11G08B247650 to 11G175247650
CE5101
- 26. Change Part Number and Package Size from 11G233018004320 & 0603 to 11G232018004030 & 0402
C6715
- 27. Add a reserve resistor L4511 to connect with +3V and J4503.1

2008/12/02

- 28. Delete R4223, R4206, R4224, R4225, R4222, Q4201 and Q4203
- 29. J4201.23 change net name from D5_SD_D1_SDcon to D5_SD_D1
- 30. J4201.1 change net name from D6_SD_D2_SDcon to D6_SD_D2
- 31. J4201.27 change net name from XD_CD#_Dcon to XD_CD#

2008/12/03


- 32. J4201.16 Change Net Name from C0_SD_CLK_MS_BS to SD_CLK

2008/12/04

- 33. Add R1233 and connect with PM_PWROK and PM_PWROR_R (U1001.C49)

2008/12/05

- 34. DNI C4216, C4223
- 35. Per EMI, add DMIC filter 33ohm, 100pF
CRT filter 47ohm, 10pF
- 36. DNI discharge circuits: +2.5VS, +1.5VS, +0.9VS, +1.05S_SCH, +1.8V



Title : EE_History

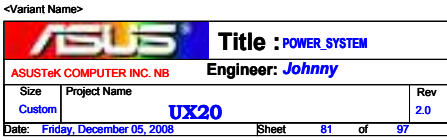
ASUSTeK COMPUTER INC. NB1

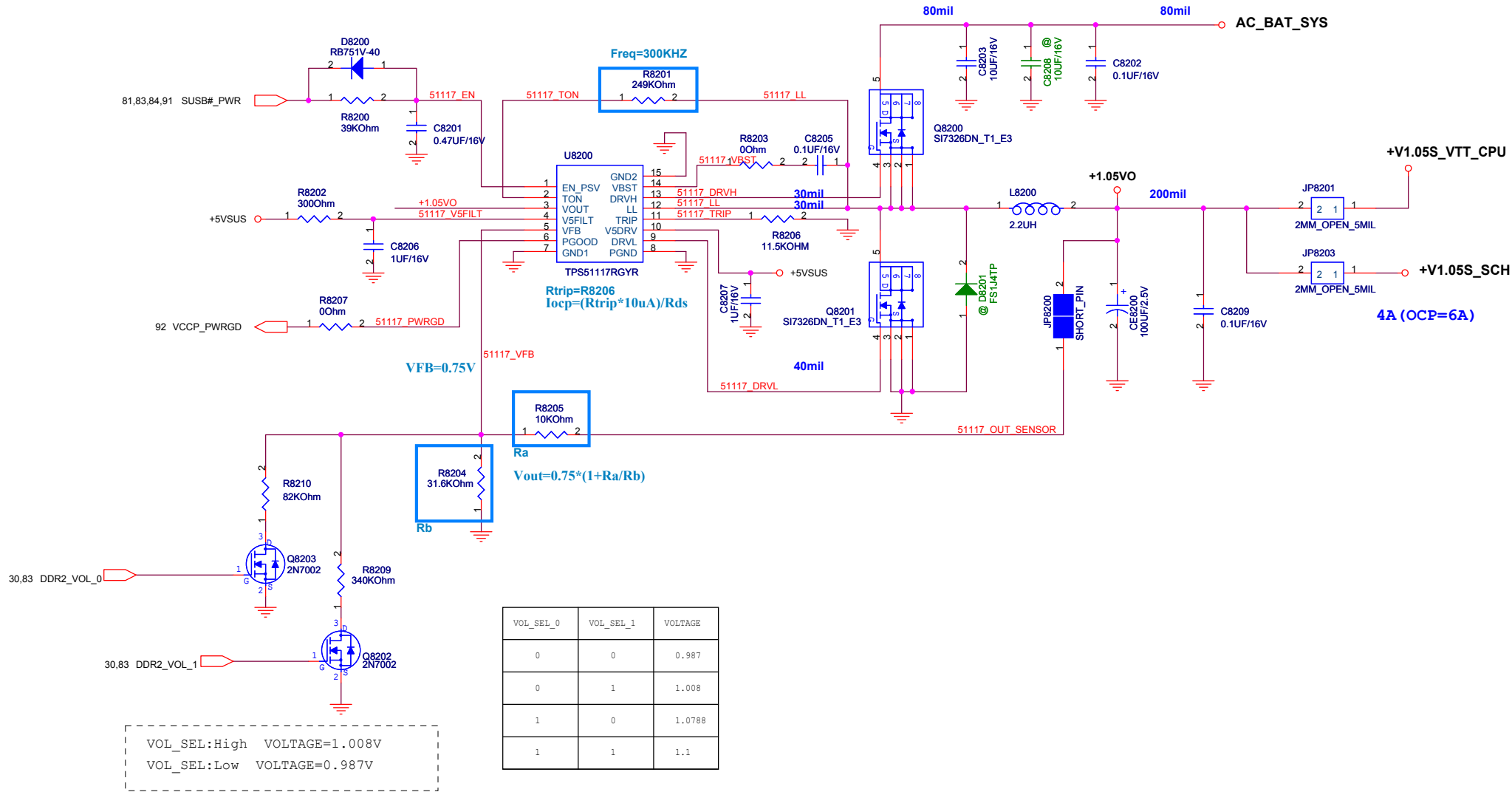
Engineer:

Size	Project Name	Rev
A4	S121	2.0

Date: Friday, December 05, 2008

Sheet 79 of 97





VOL_SEL_0	VOL_SEL_1	VOLTAGE
0	0	0.987
0	1	1.008
1	0	1.0788
1	1	1.1

VOL_SEL:High VOLTAGE=1.008V
 VOL_SEL:Low VOLTAGE=0.987V

<Variant Name>

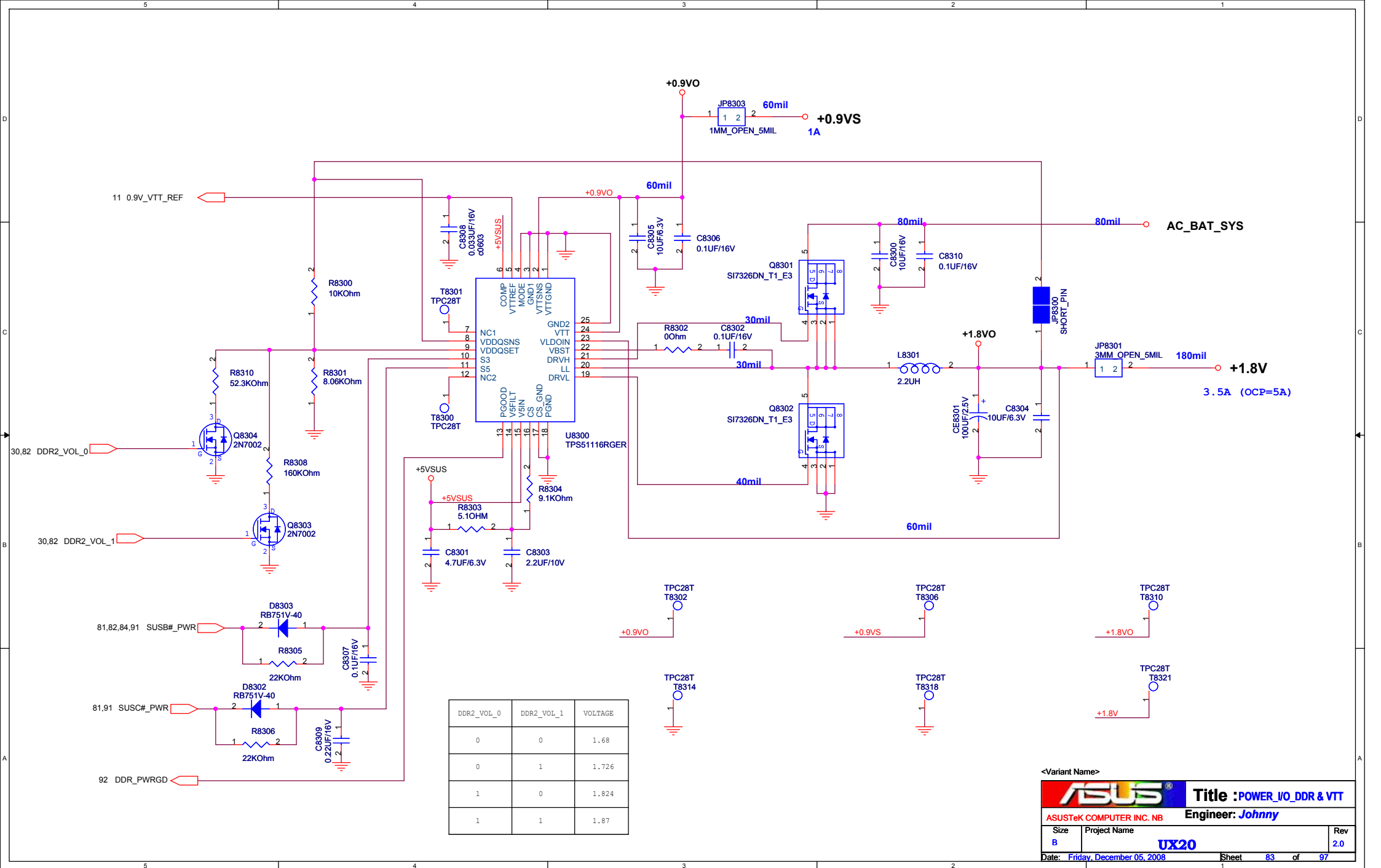
Title : POWER_I/O_+1.05VO

ASUSTeK COMPUTER INC. NB1

Engineer:

Size	Project Name	Rev
B	UX20	2.0

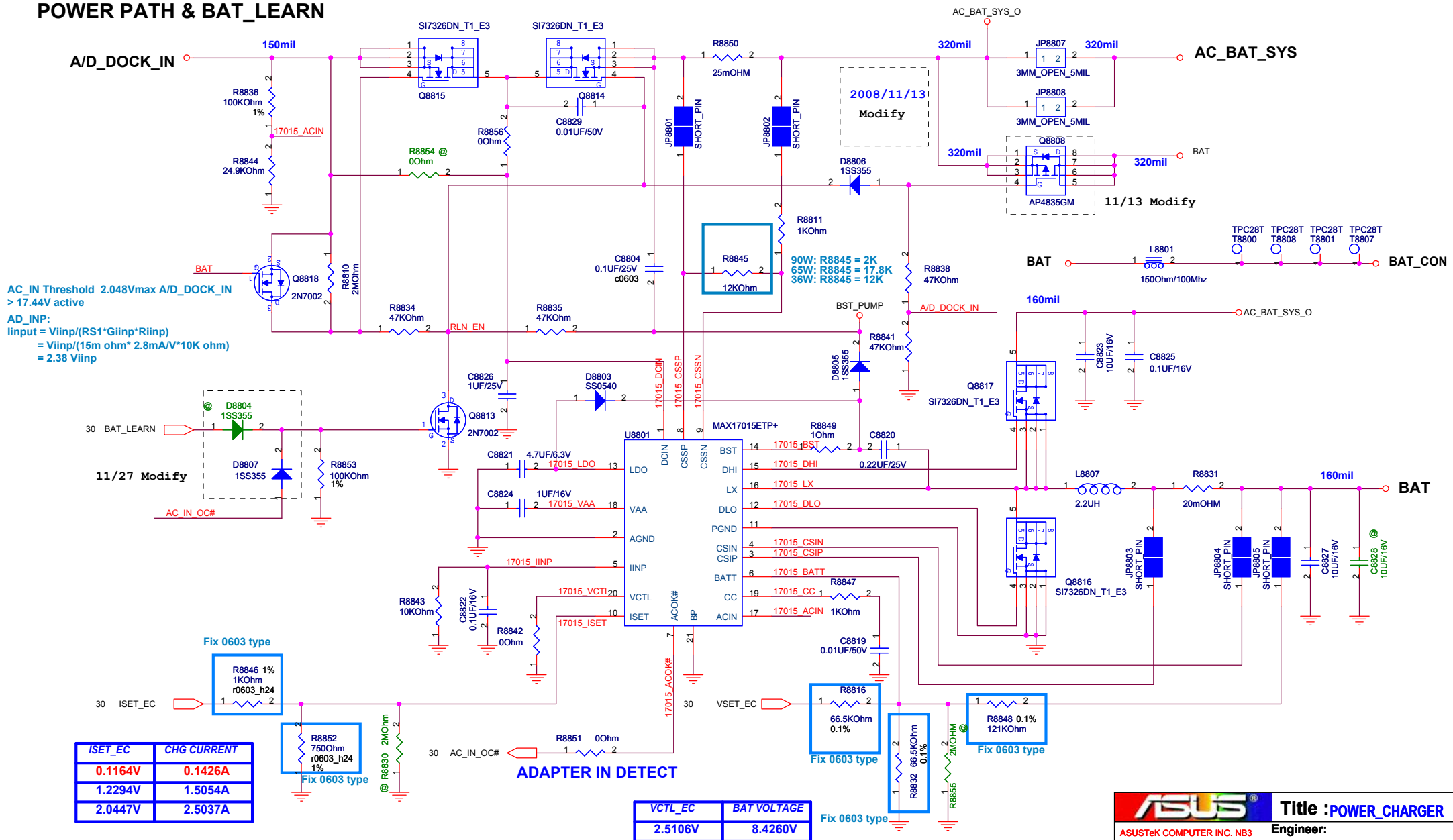
Date: Friday, December 05, 2008
Sheet 82 of 97



5

[illegible]

POWER PATH & BAT_LEARN

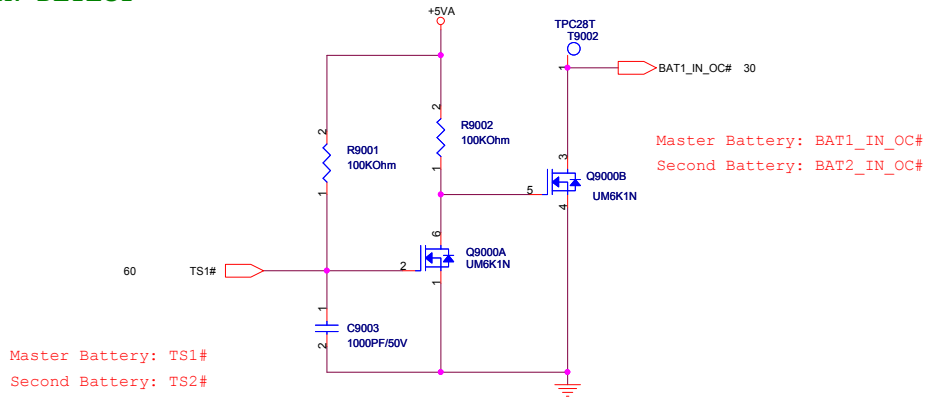


IS _{ET} _EC	CHG CURRENT
0.1164V	0.1426A
1.2294V	1.5054A
2.0447V	2.5037A

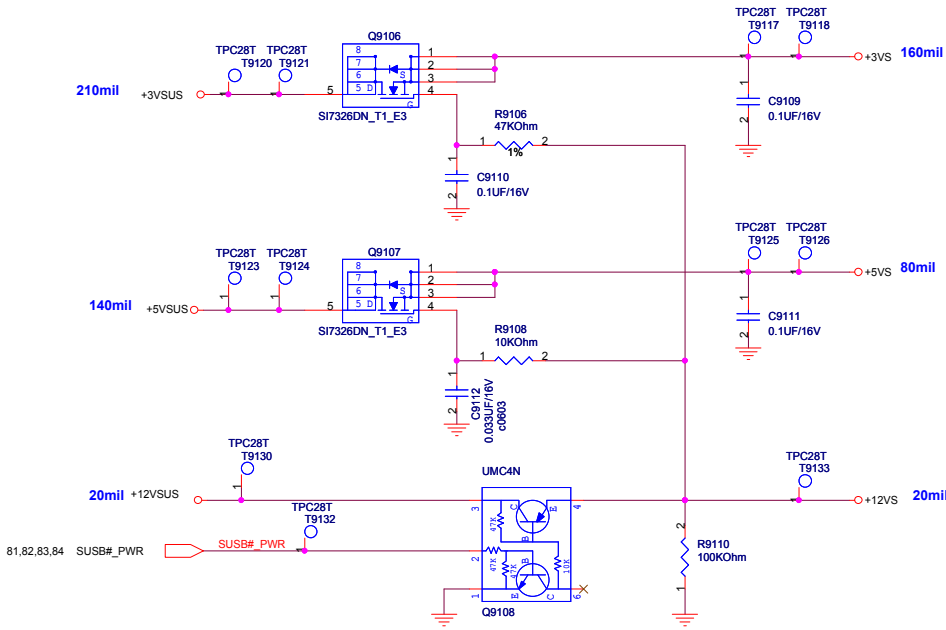
VCTL_EC	BAT VOLTAGE
2.5106V	8.4260V

		Title : POWER_CHARGER	
ASUSTeK COMPUTER INC. NB3		Engineer:	
Size B	Project Name UX20	Rev 2.0	
Date: Friday, December 05, 2008		Sheet 88	of 97

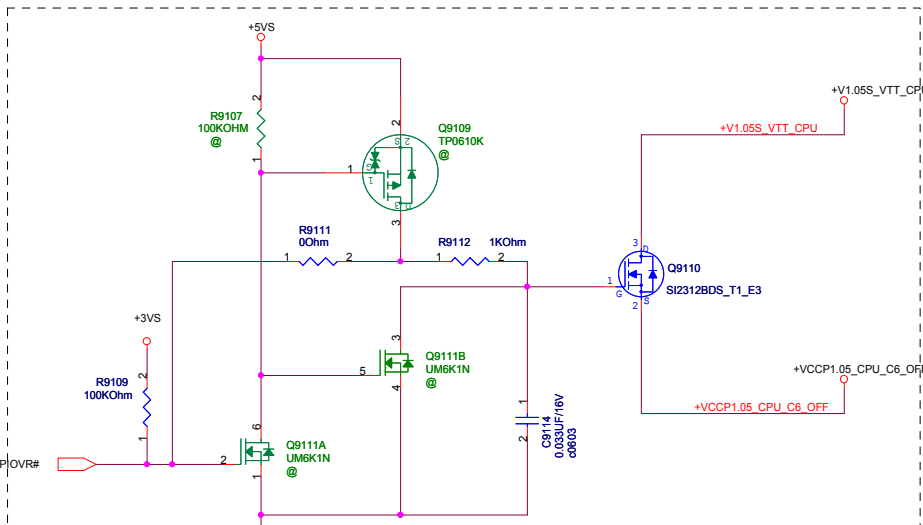
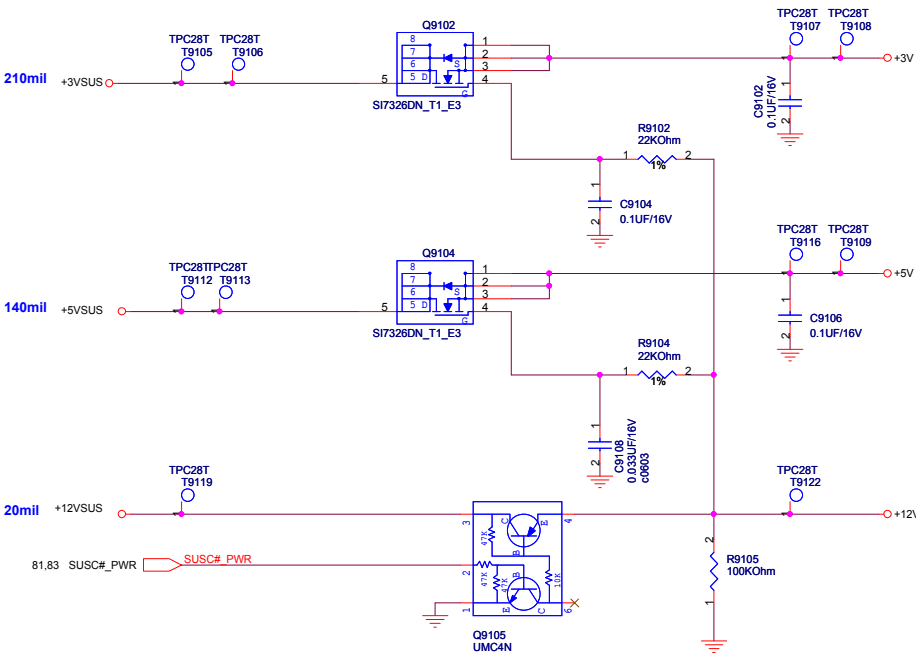
BATTERY IN DETECT



SUSB#_PWR POWER

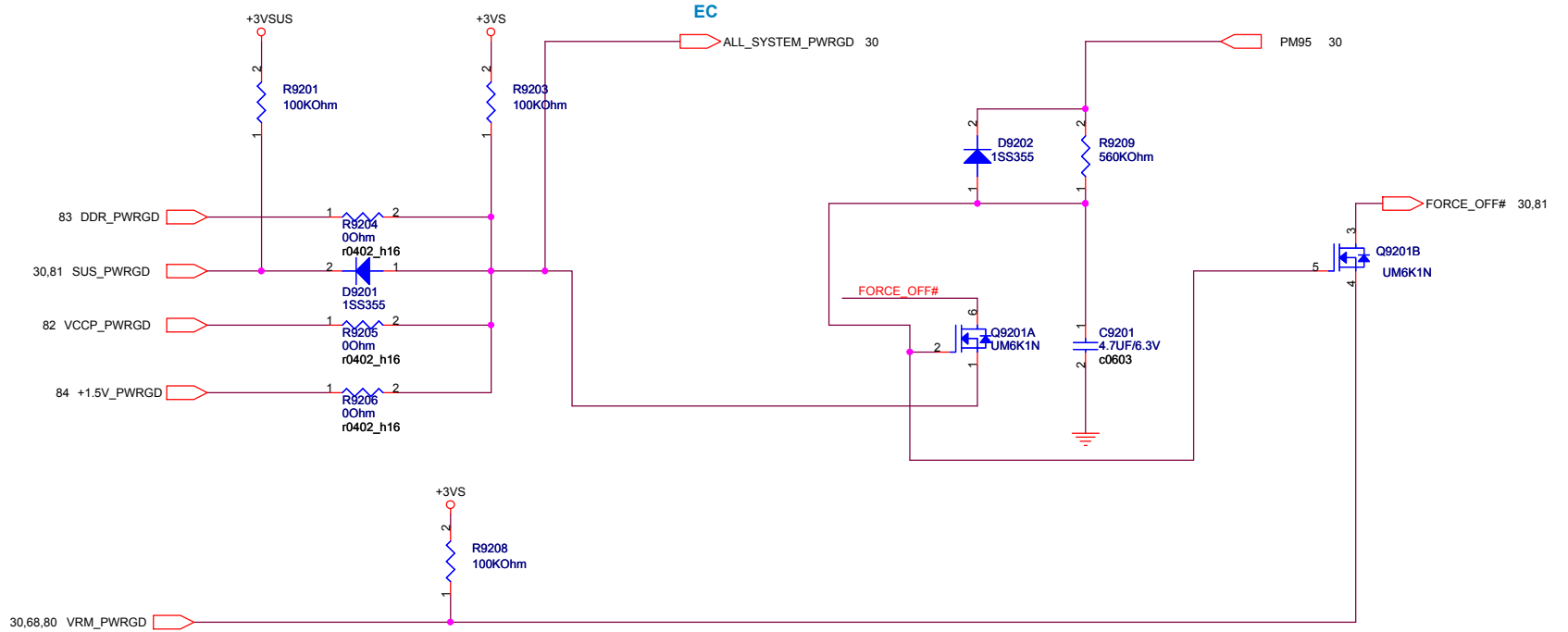


SUSC#_PWR POWER




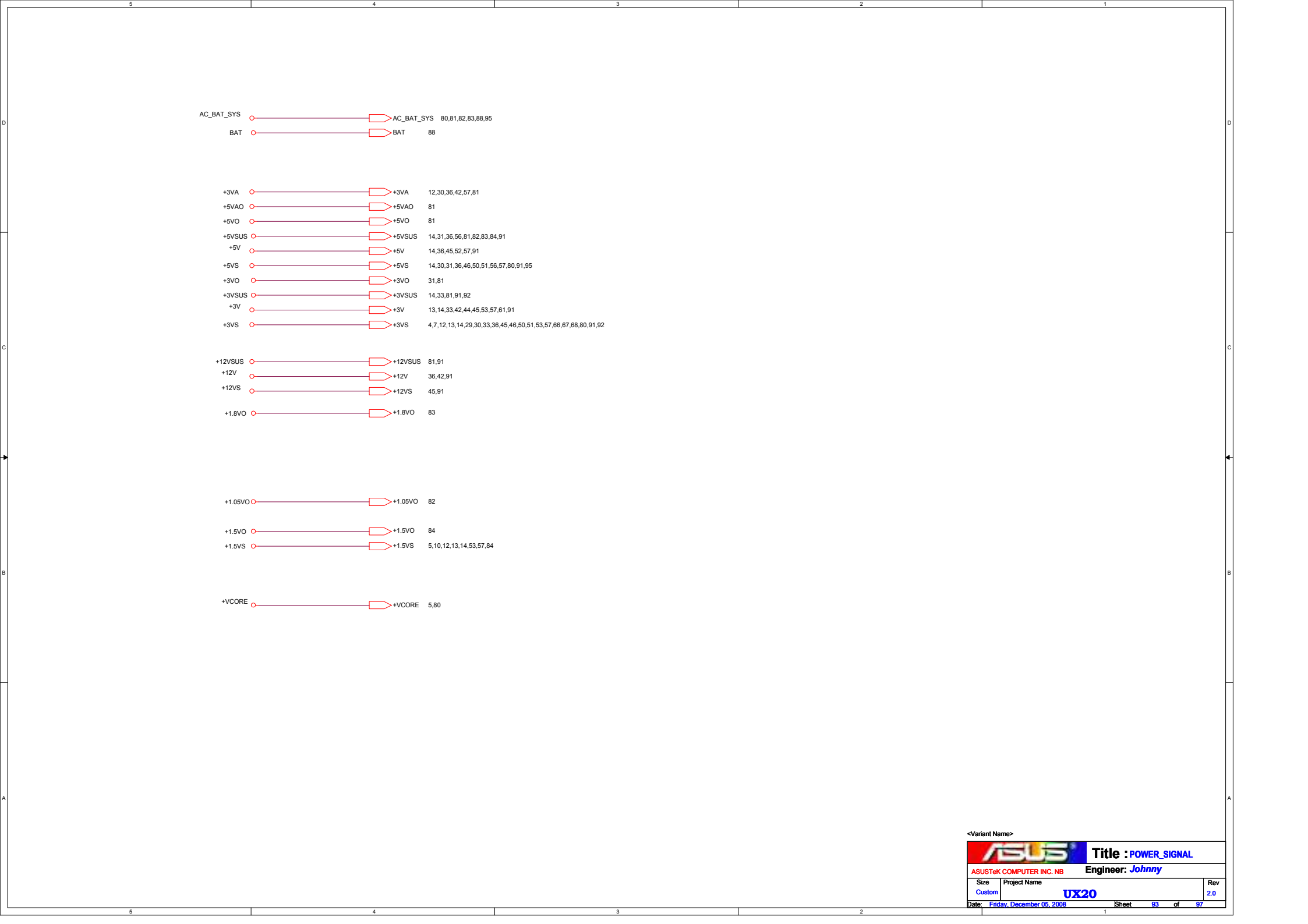
SLPIOVR# = 0 (C6) => SWITCH OFF
SLPIOVR# = 1 (NORMAN) => SWITCH ON

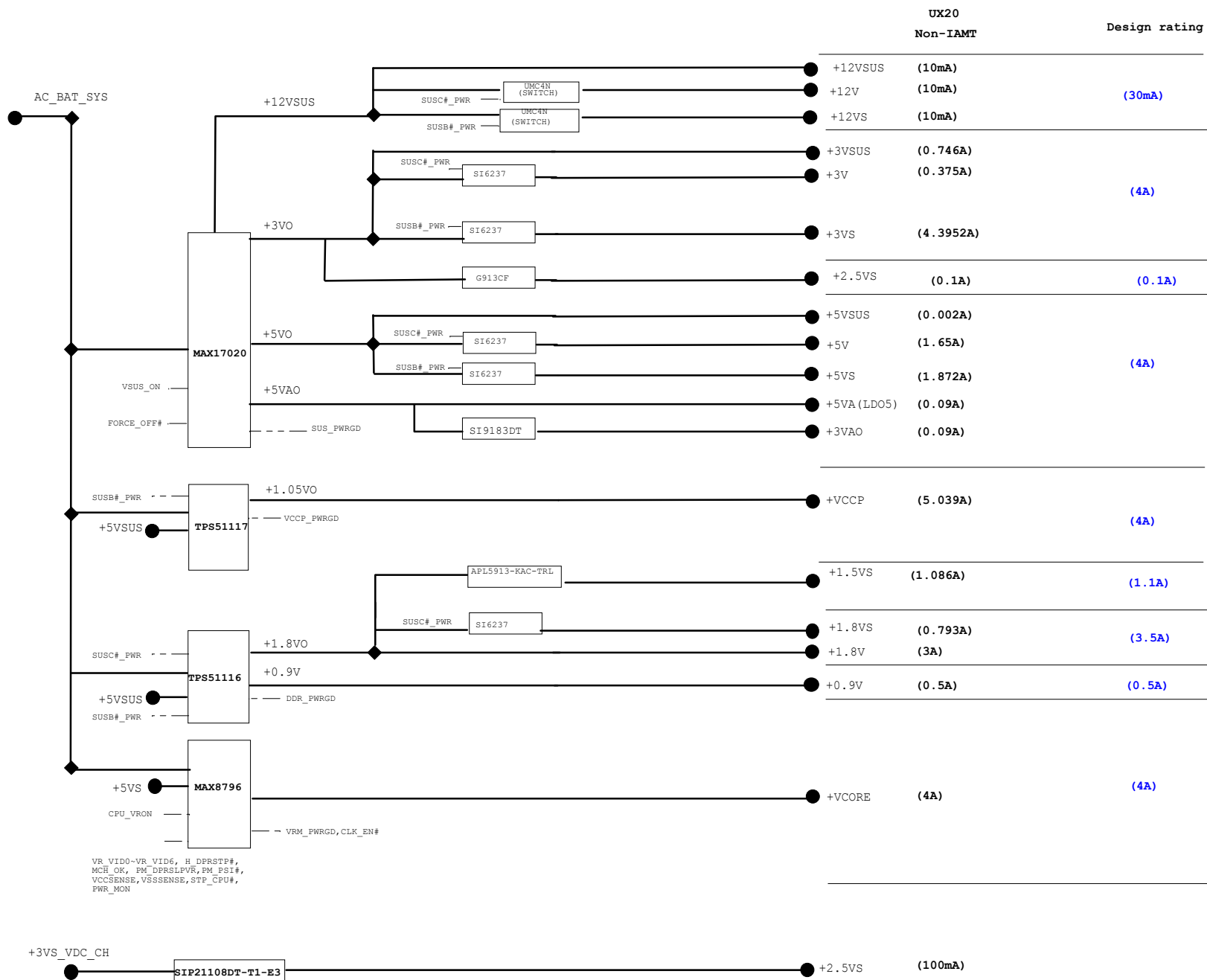
POWER GOOD DETECTOR

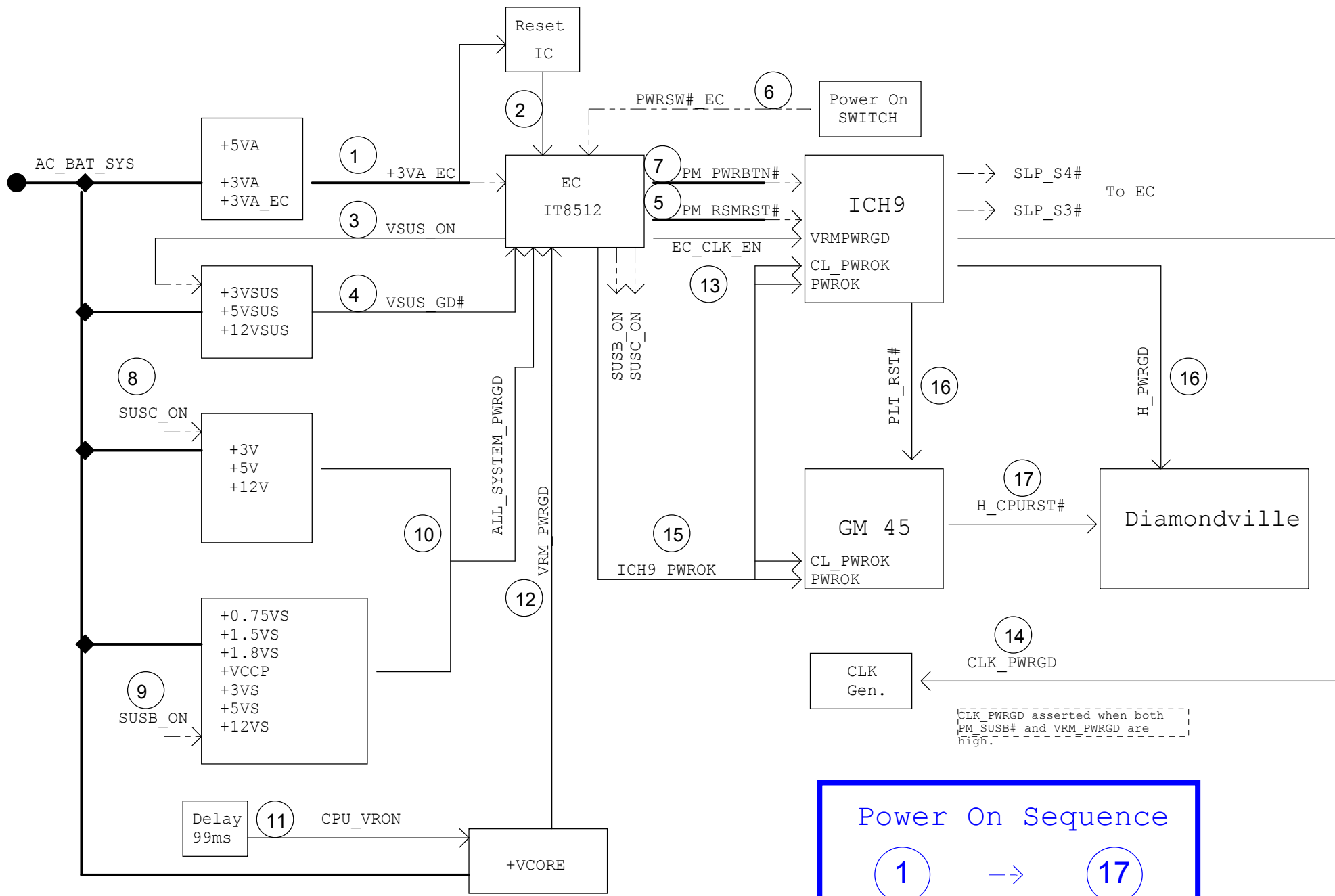


<Variant Name>

		Title :POWER_PROTECT	
ASUSTeK COMPUTER INC. NB		Engineer: Johnny	
Size B	Project Name UX20		Rev 2.0
Date: Friday, December 05, 2008		Sheet	92 of 97







Power On Sequence

1 → 17