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HSF Property: ROHS or Halogen-Free

1310A2548301 (SAMSUNG) R5061 CHANGE TO 6013A0107901 (45.3K OHM)  
1310A2548302 (MICRON) R5061 CHANGE TO 6013A0017501 (30.1K OHM)

15CR-U-SI-1003

2012.10.03

Chief River						
UMA	DIS					
PGA 35W(dual)-HM77						
NA	N14P-GV2 23*23				N14P-GT 29*29	
NA	900MHz 256Mx16 DDR3 4pcs (2G)		900MHz 256Mx16 DDR3 8pcs (4G)		1GHz 128Mx16 GDDR5 8pcs (2G)	
	Samsung K4W4G1646B-HC11	Micron MT41K256M16HA-107G:E	Samsung K4W4G1646B-HC11	Micron MT41K256M16HA-107G:E	Hynix H5GQ2H24AFR-T2C	Samsung K4G20325FD-FC04
6050A2548201	6050A2548301				6050A2548401	
PCB-1(6L)	PCB-2 (8L)				PCB-3 (8L)	
1310A2548201	1310A2548301	1310A2548302	1310A2548303	1310A2548304	1310A2548401	1310A2548402

USB BOARD (6L) 1310A2548501 6050A2548501  
POWER BOARD (6L) 1310A2548701 6050A2548701  
POWER BOARD (8L) 1310A2548801 6050A2548801  
USB BOARD (8L) 1310A2548601 6050A2548601

Location	Part number	Factory	Manufacturer Part No	Marking
D300	1st : 6011A0026801	DIODES	D-BAT54-7	KL1
	2nd : 60110GA0367T	NXP	BAT54	L4
Q300	1st : 6015B0110701	TOSHIBA	SSM3K7002BFU	NM
	2nd : 6015B0142901	DIODES	DMN65D8LV-7	MM3
Q301	1st : 6019B0932401	MXIC	MX25L512EM-10G	
512KB	2nd : 6019B0816001	ATMEL	AT25FS128-SSH-T	
U301	1st : 6019B1016101	WINBOND	W25Q32FVSSIG	
4MB	2nd : 6019B0794701	MXIC	MX25L3206EM2I-12G	
U301	1st : 6019B095901	WINBOND	W25Q64FVSSIG	
8MB	2nd : 6019B0813101	MXIC	MX25L6406EM2I-12G	

2012/5/02	DB	X01
21-OCT-2002		
DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC			
DESIGN	Abel				MODEL, PROJECT, FUNCTION			
CHECK	Alan				Main Board			
RESPONSIBLE								
SIZE					SIZE	CODE	DOC NUMBER	REV
FILE NAME					C	CS	1310XXXXX-D-0	X01
PN	XXXX				SHEET			

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31 PCH6 GPIO,CPU/MISC  
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33 PCH8 POWER  
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35 EC IT8527  
36 KB CONN & LED  
37 40 PIN LCM  
38 HDMI  
39 SATA HDD & MSATA  
40 USB3.0 CONN  
41 CARD READER  
42 WLAN  
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49 AUB\_BLANK  
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53 TRANSFORMER & RJ45  
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56 ESD BOARD  
57 POWER SEQUENCE  
58 POWER SEQUENCE2

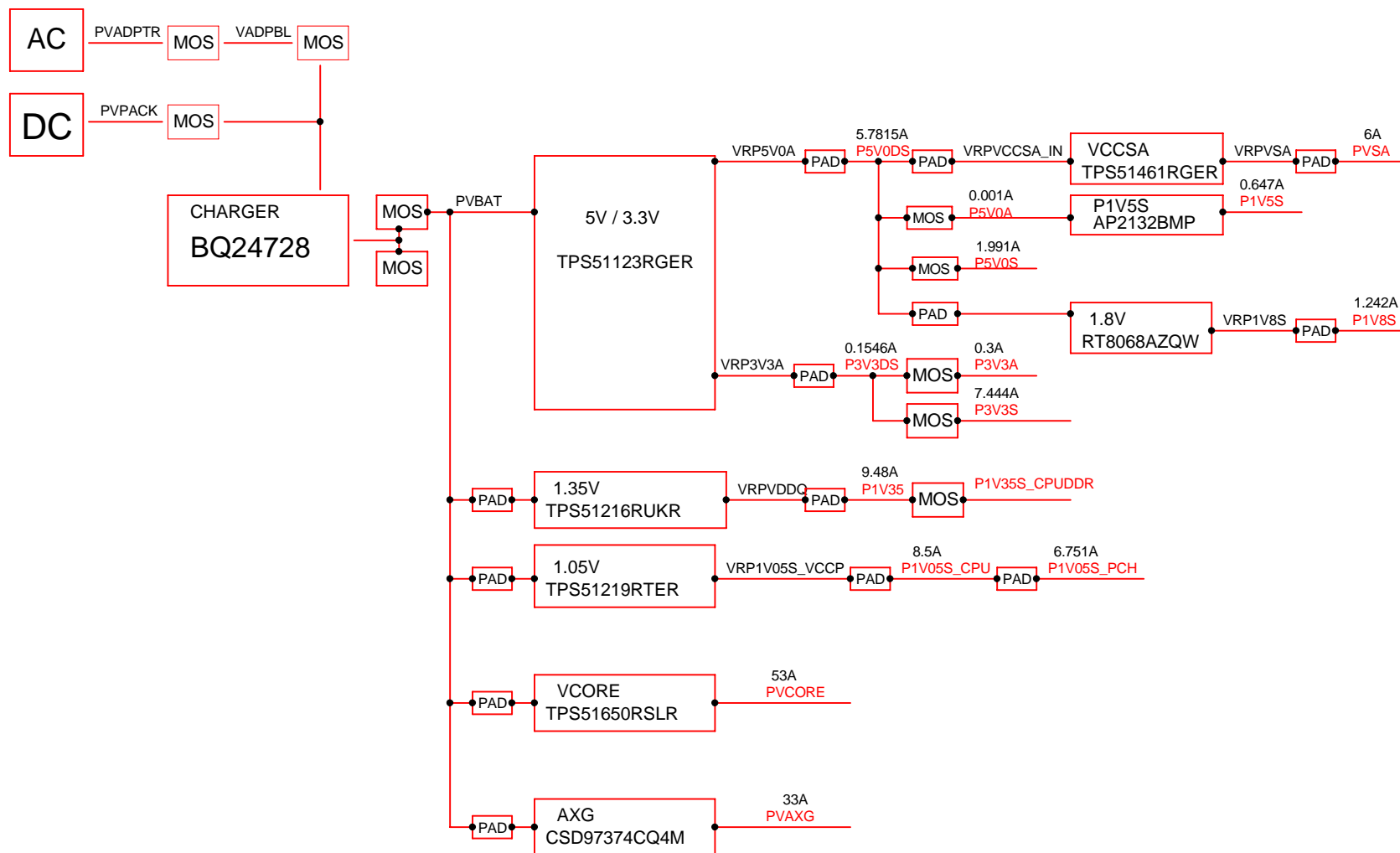
INVENTEC

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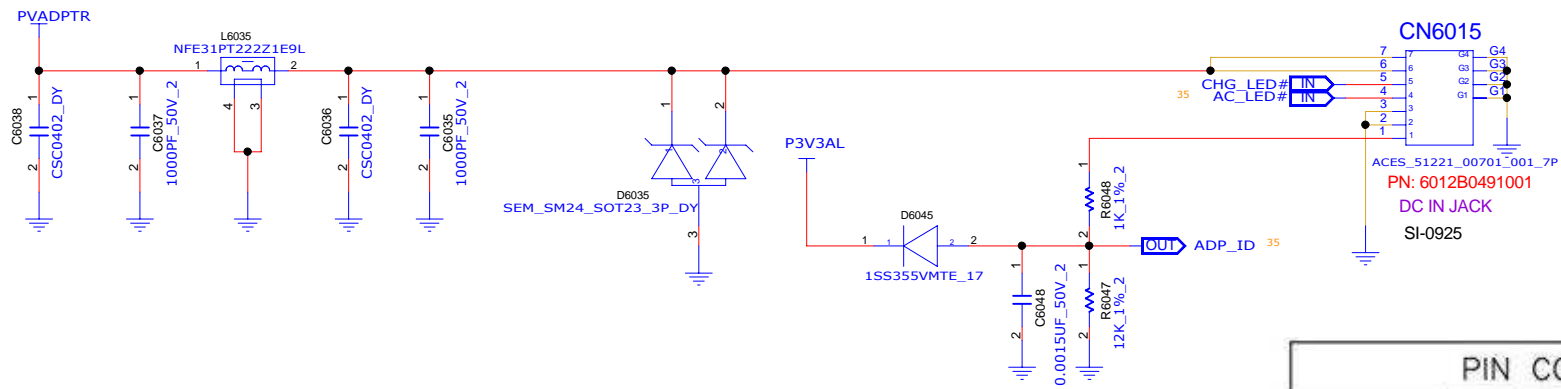
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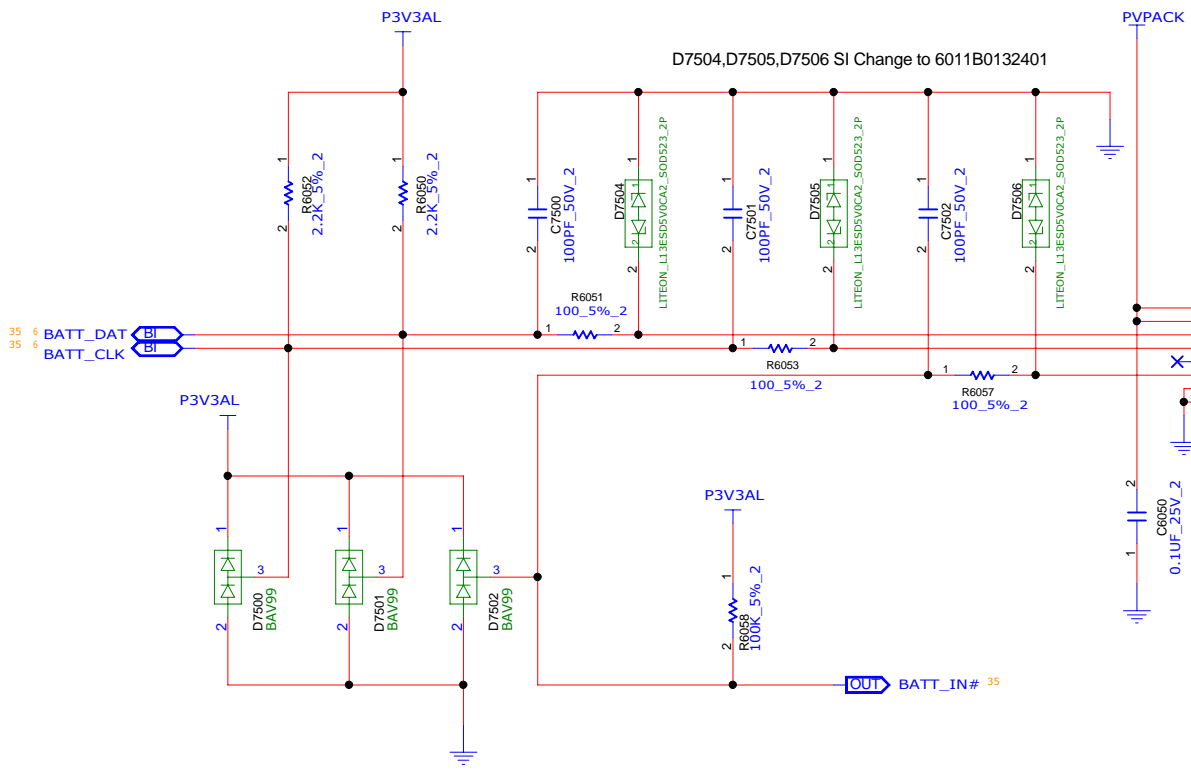
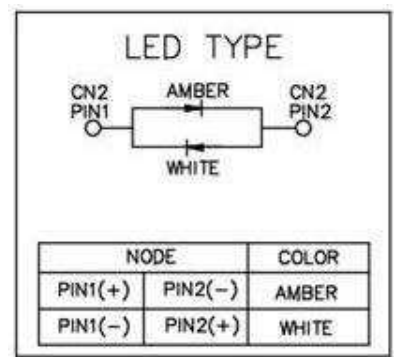


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TITLE			
MODEL, PROJECT, FUNCTION POWER, PROCEDURE			
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PIN CONNECTION				
PIN DEFINE	CN1	CN2	COLOR	P/N
DC+	1	PIN4	RED	771-24**-501
DC+	2		RED	
Amber LED	3	PIN1	YELLOW	771-26**-501
White LED	4	PIN2	WHITE	
DC-	5	PIN3	BLACK	771-24**-501
DC-	6		BLACK	
ID	7	PIN5	BROWN	771-26**-501



**INVENTEC**

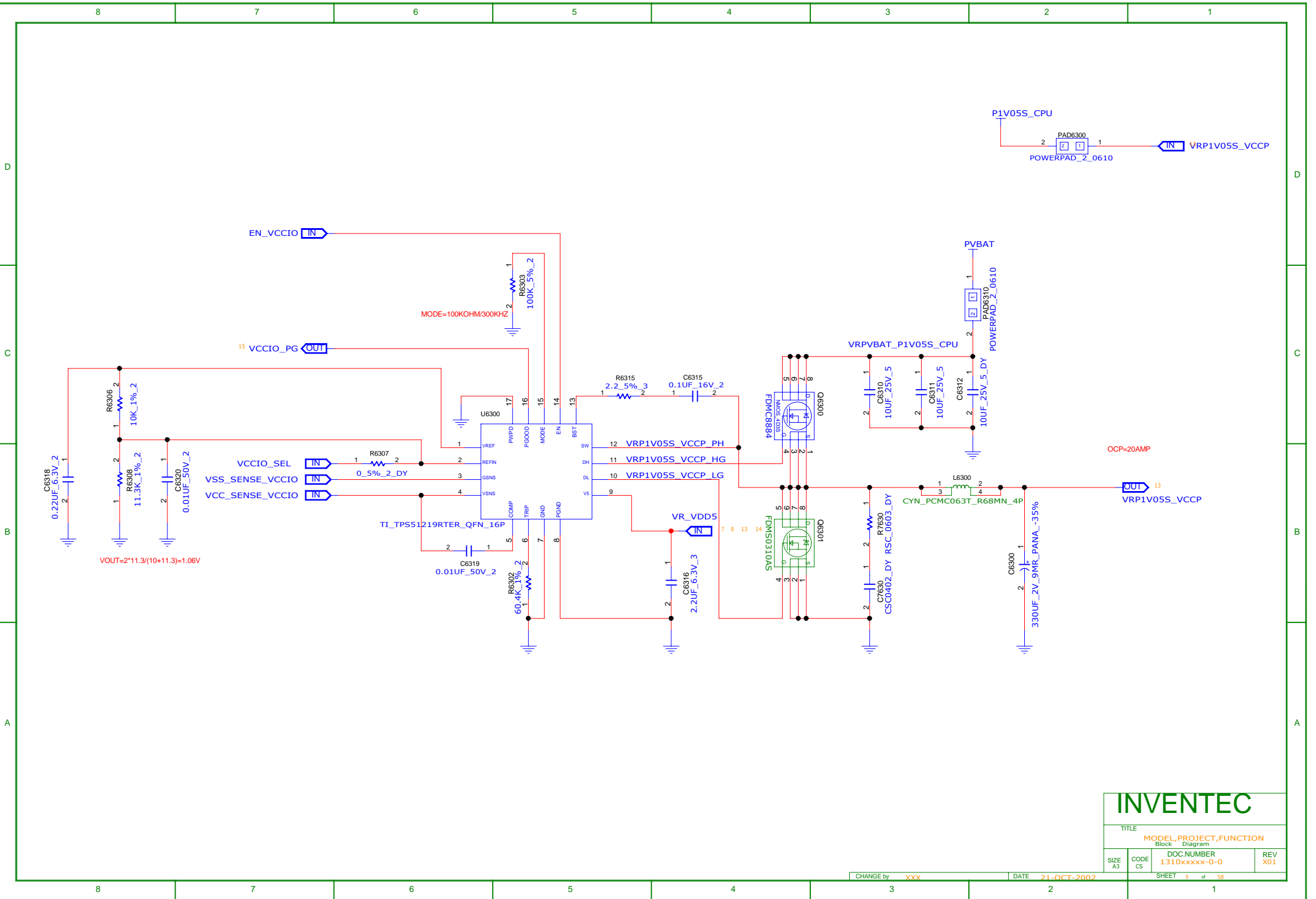
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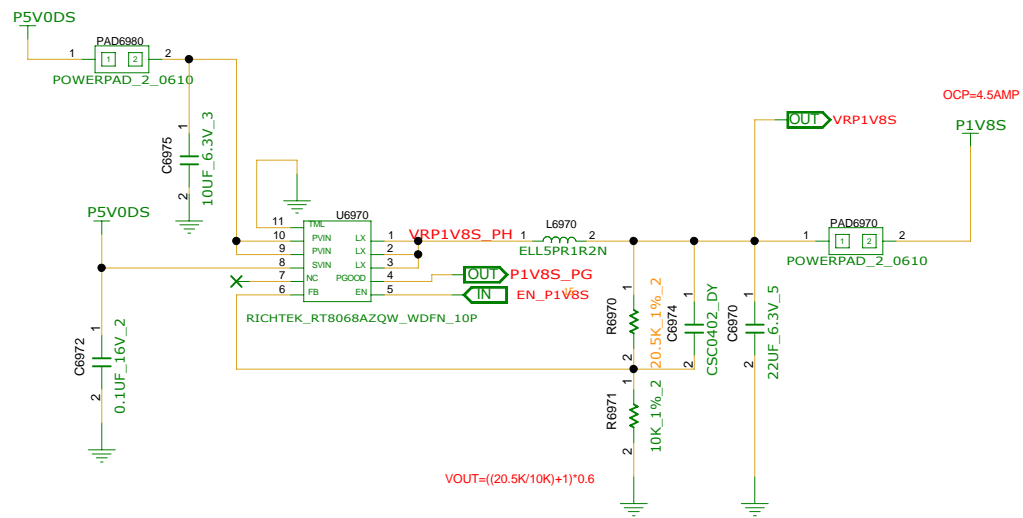












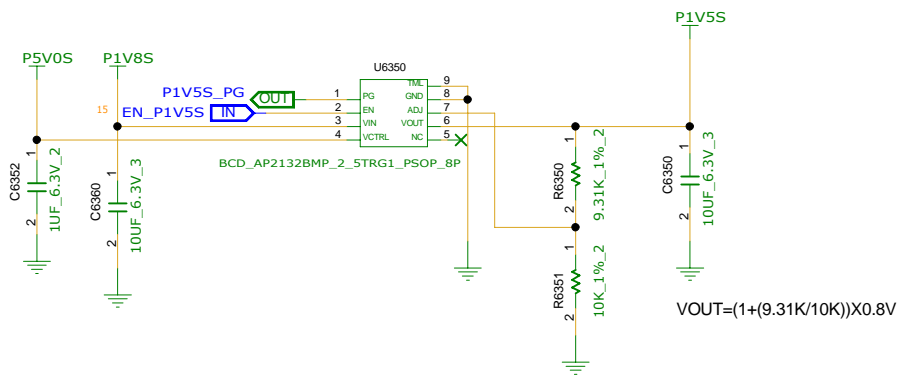
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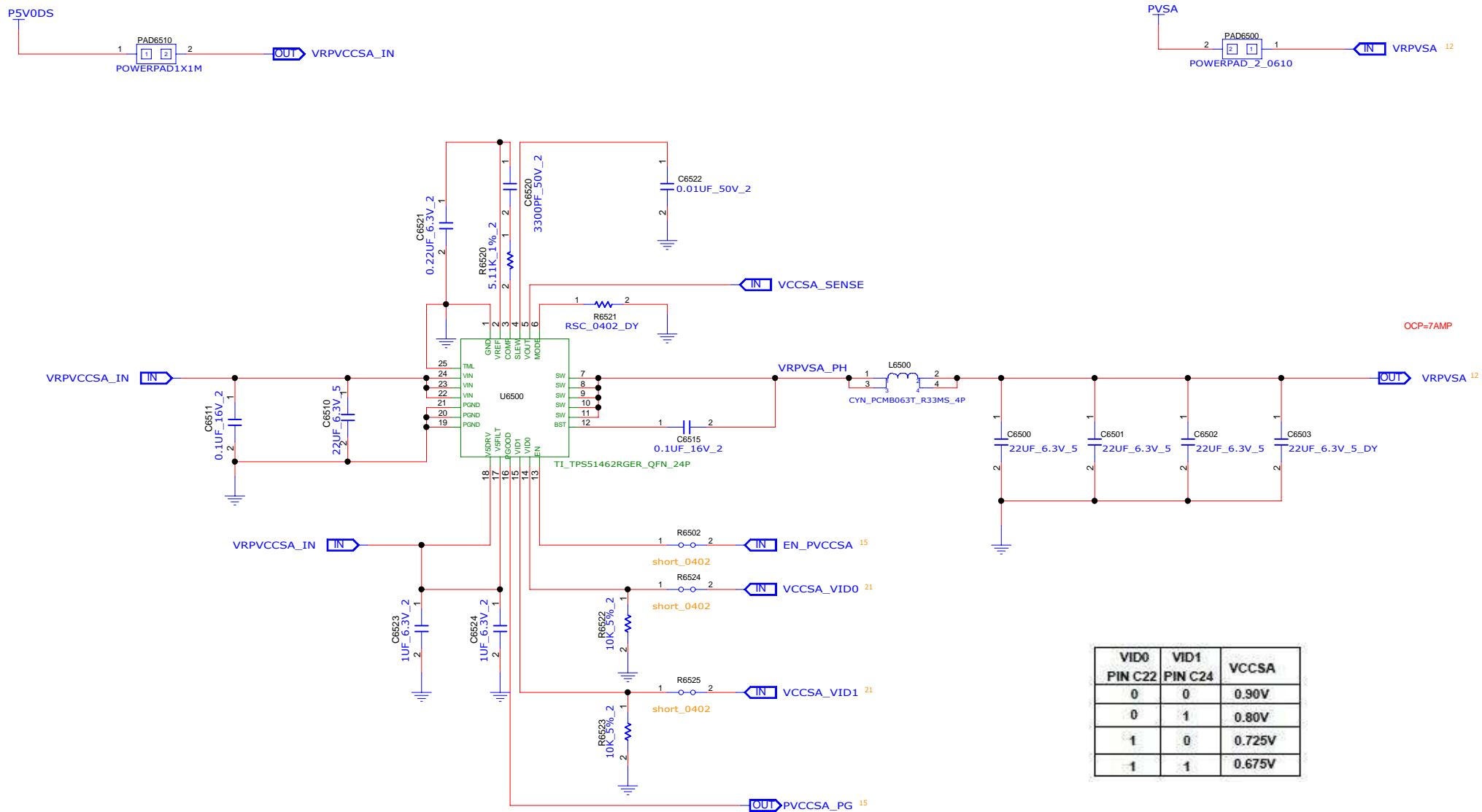
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MODEL,PROJECT,FUNCTION  
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INVENTEC

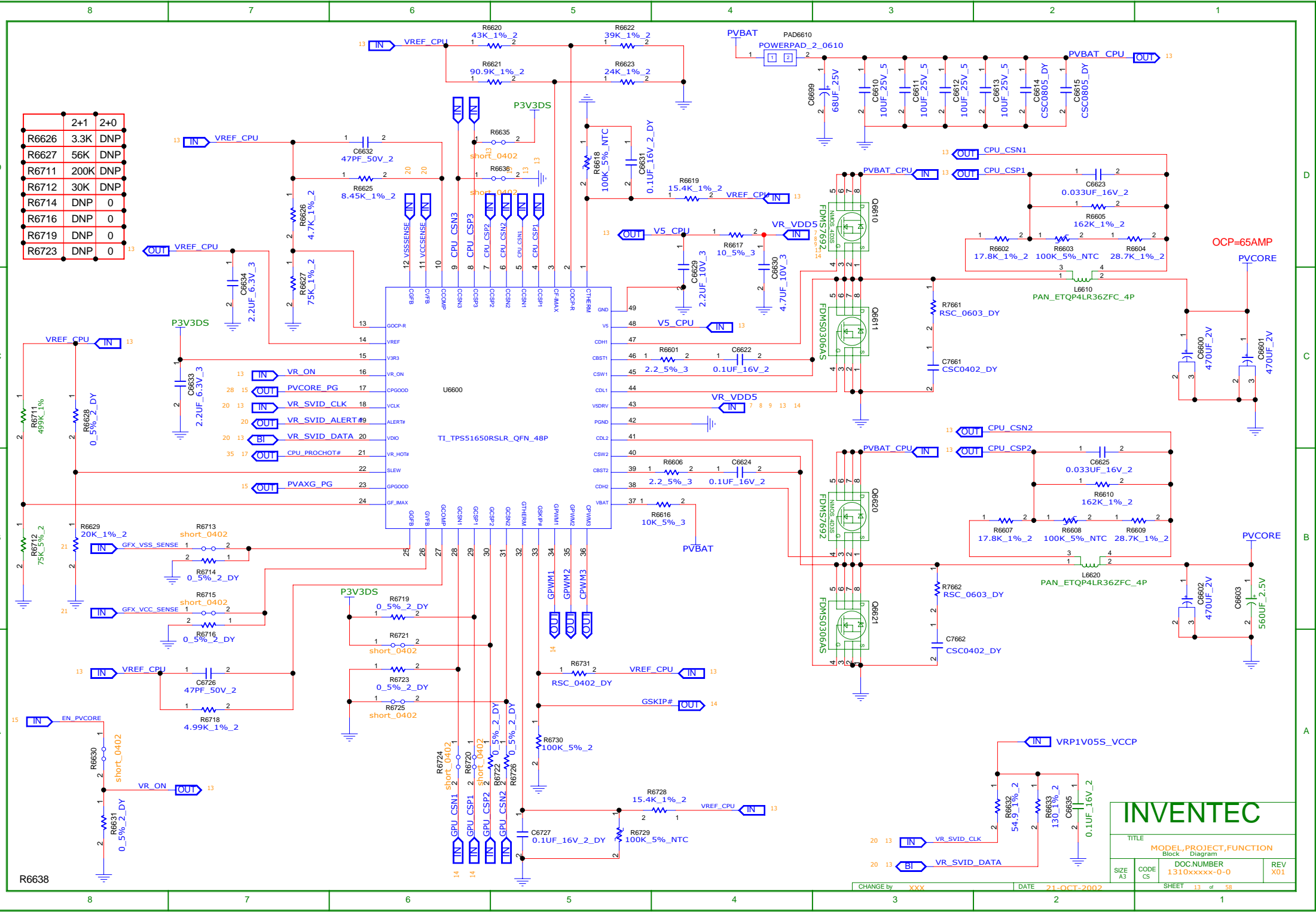
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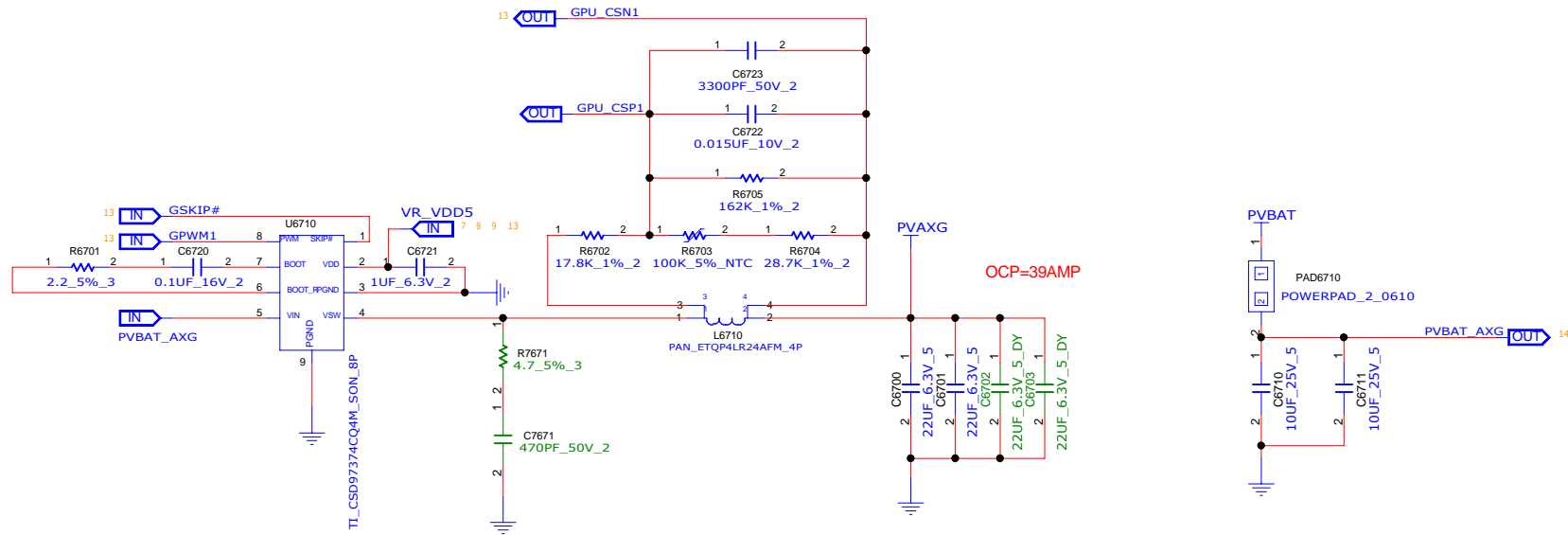
CHANGE by XXX DATE 21-OCT-2002

	2+1	2+0
R6626	3.3K	DNP
R6627	56K	DNP
R6711	200K	DNP
R6712	30K	DNP
R6714	DNP	0
R6716	DNP	0
R6719	DNP	0
R6723	DNP	0



INVENTEC

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INVENTEC

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1310xxxxx-0-0

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D

C

B

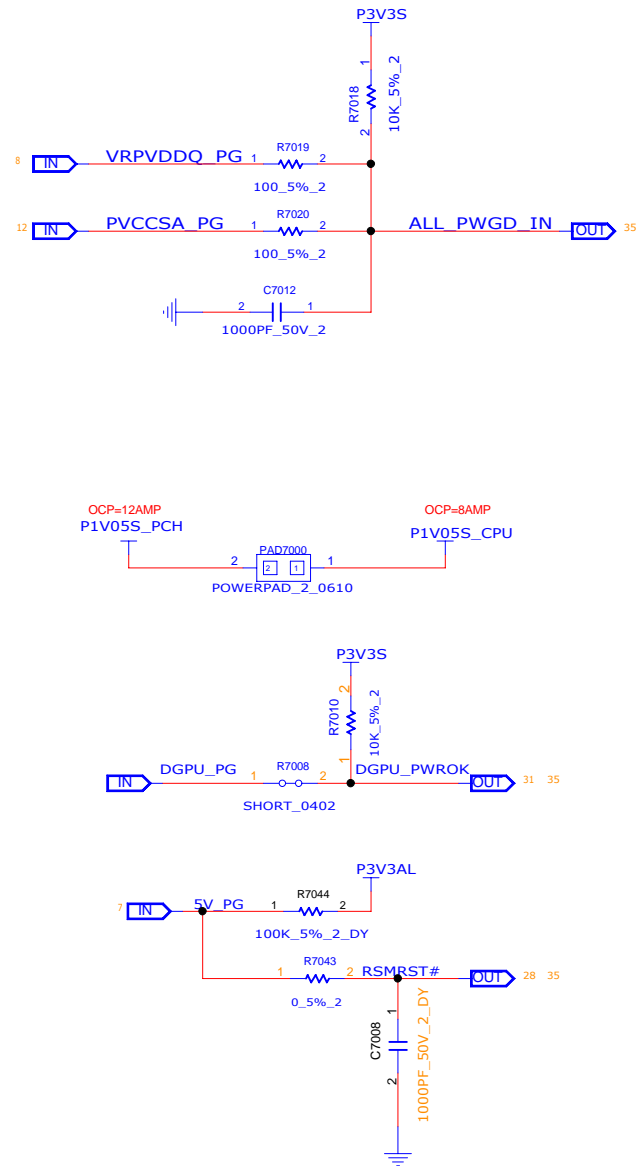
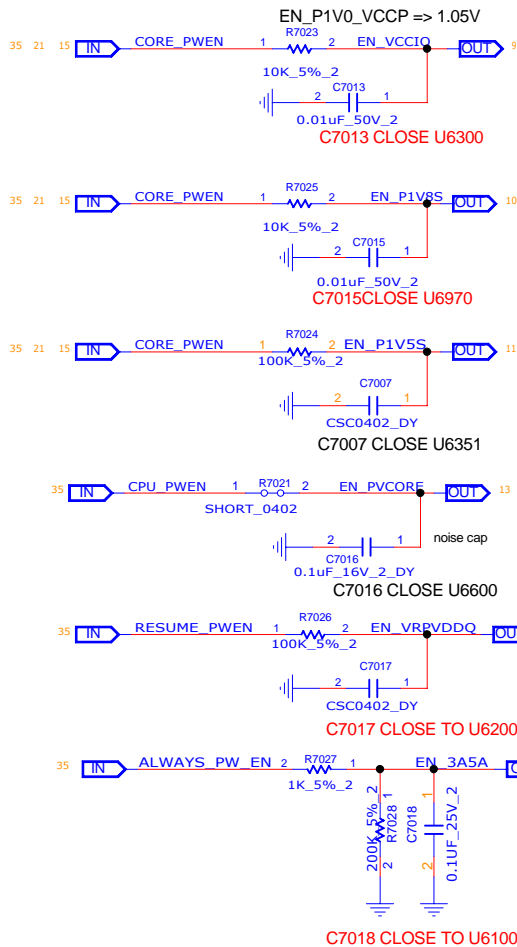
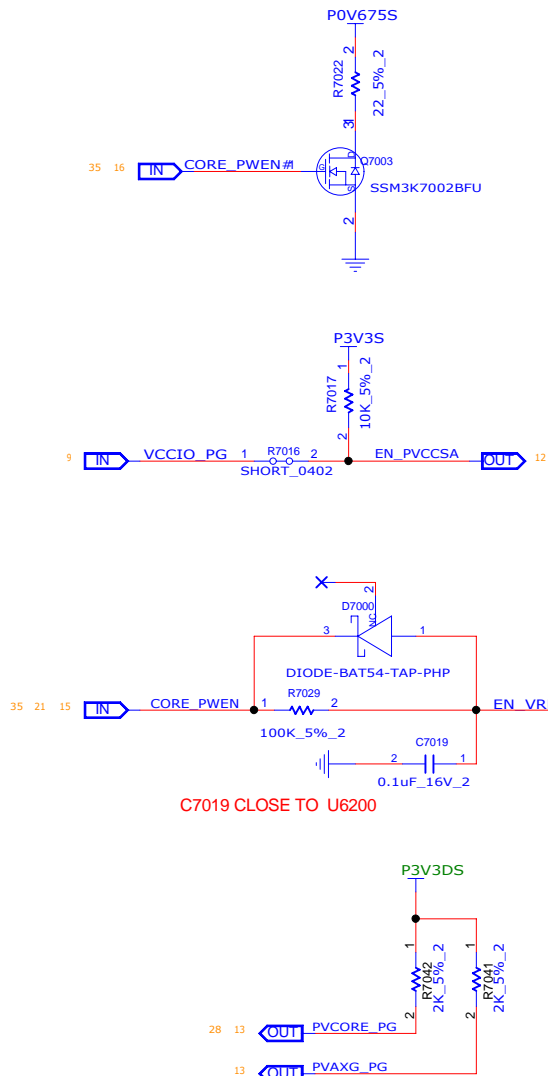
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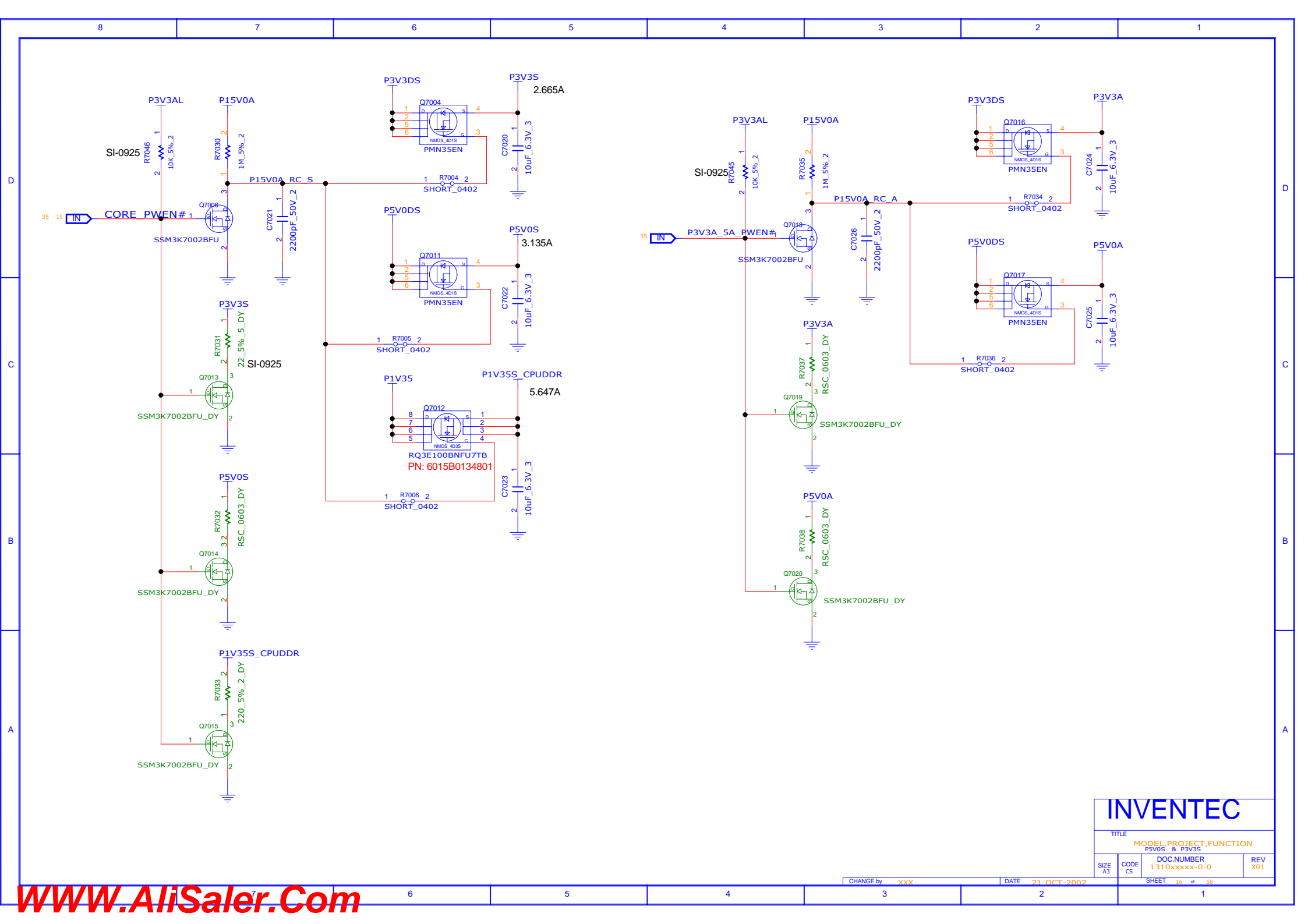
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A



INVENTEC

TITLE MODEL,PROJECT,FUNCTION			
POWER TO EE PORT & EMI PART			
SIZE	CODE	DOCNUMBER	REV
A3	CS	1310xxxx-0-0	X01



INVENTEC

TITLE MODEL PROJECT,FUNCTION  
P5V0S & P3V3S

DOC NUMBER 1310xxxxx-0-0

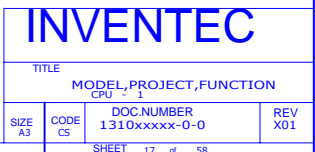
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A



# CN4500

## PCI EXPRESS\* - GRAPHICS

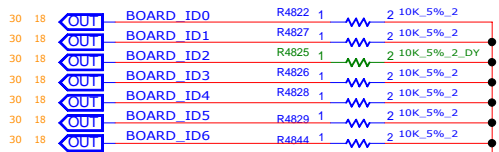
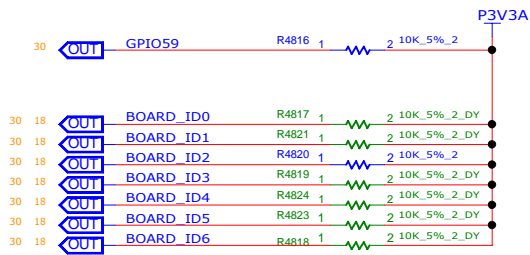
FOX\_P298927\_3641\_41F\_Huronriver\_989P\_CHIEFRIVER  
CPU SOCKET, PN: 6026B0154901

Co-Layot for eDP:  
MOUNT RC, QA  
MOUNT FOR EDP PANEL

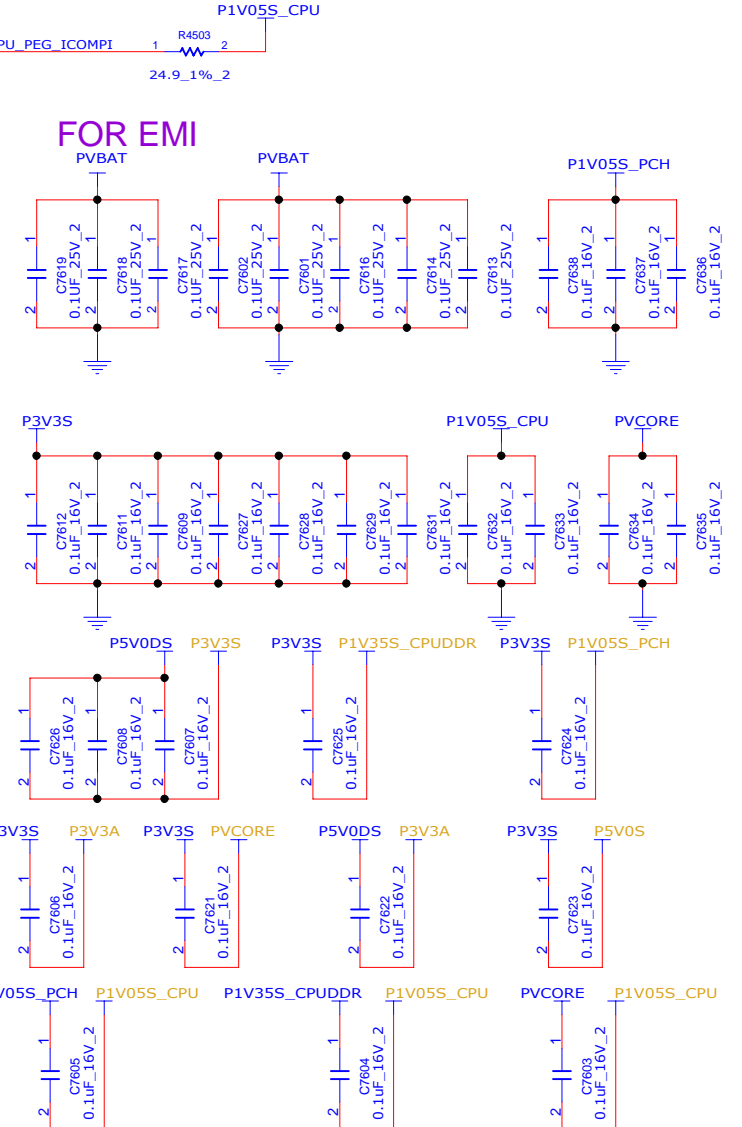
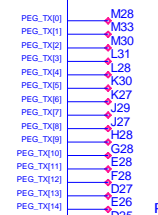
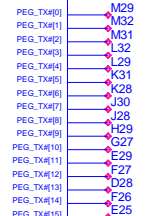
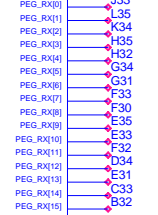
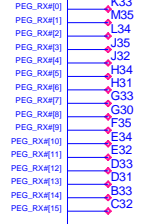
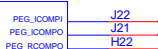
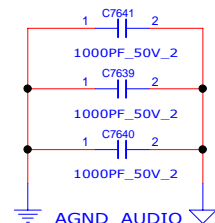
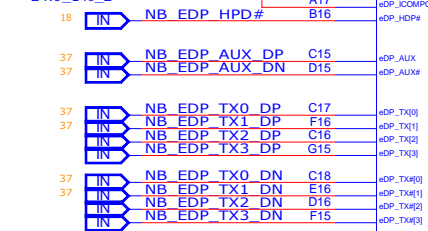
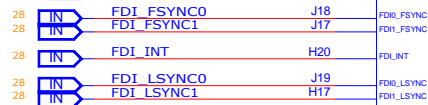
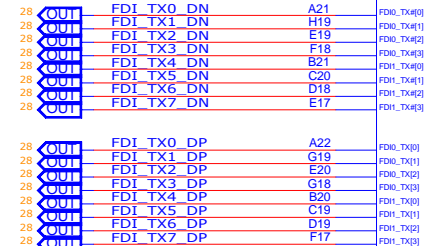
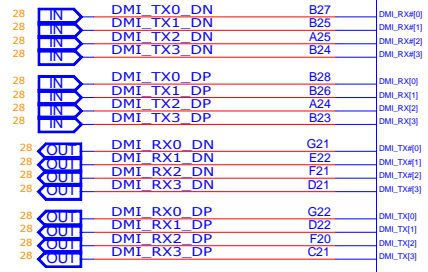
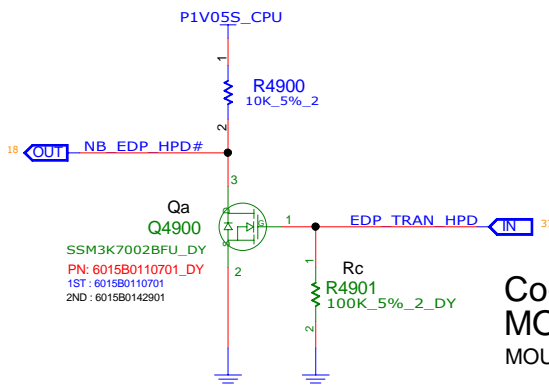
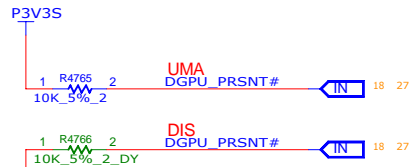
### INVENTEC

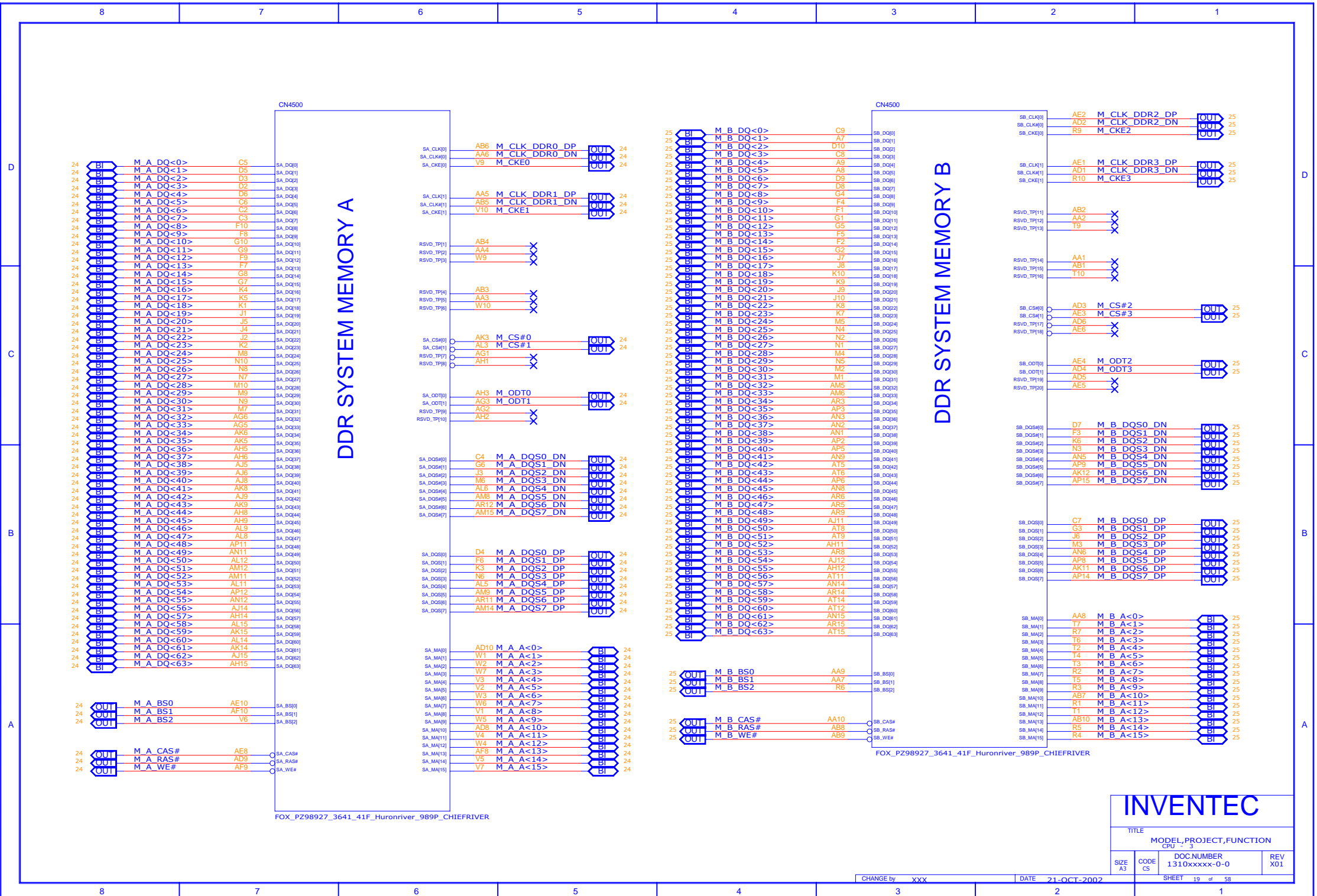
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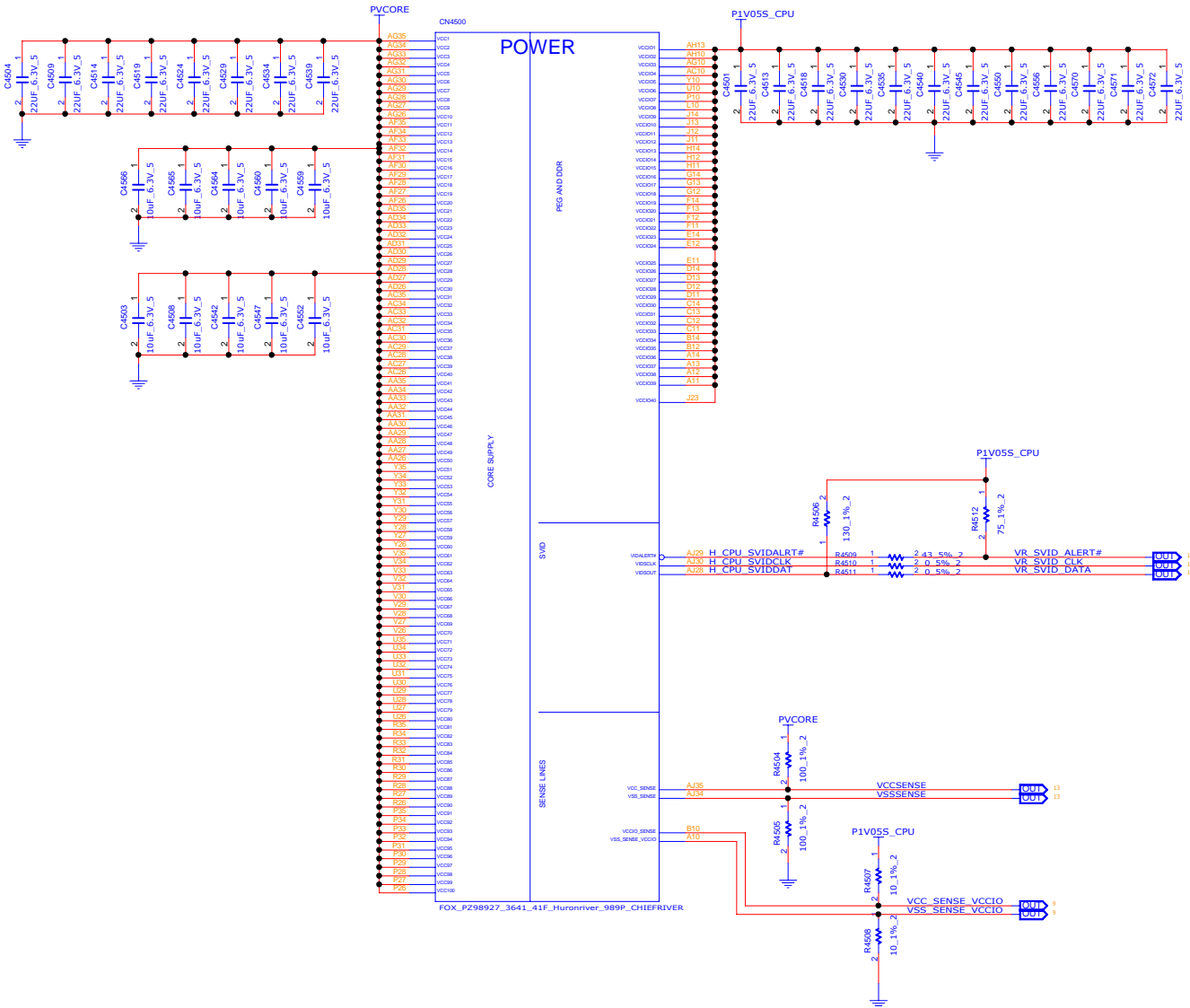
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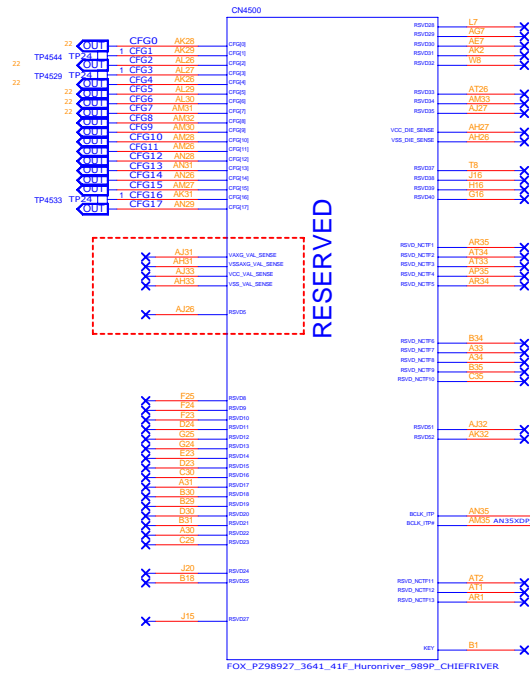
	ID6	ID5	ID4	ID3	ID2	ID1	ID0
UMA	0	0	0	0	1	0	0
DIS	0	0	0	0	1	0	1



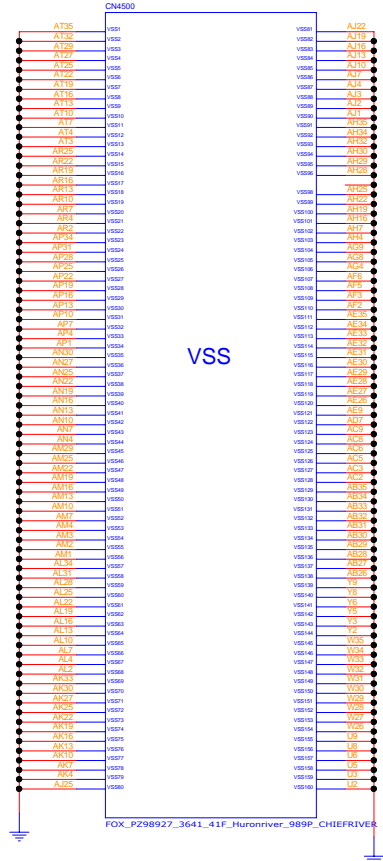




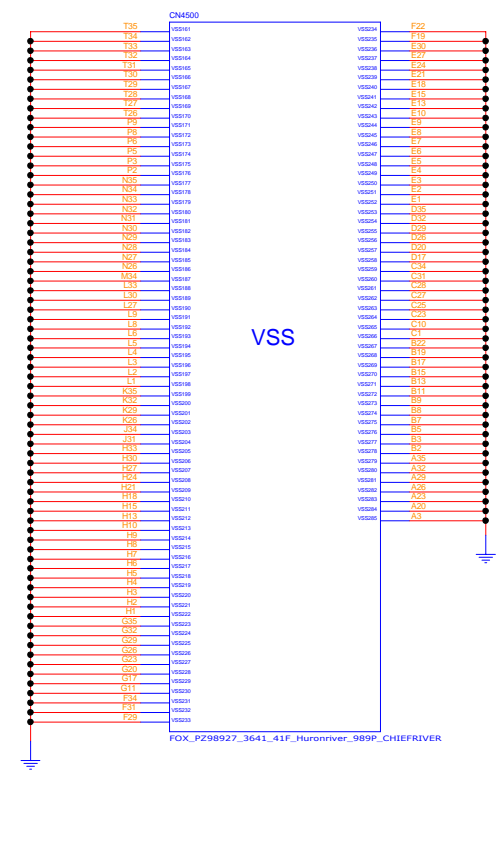


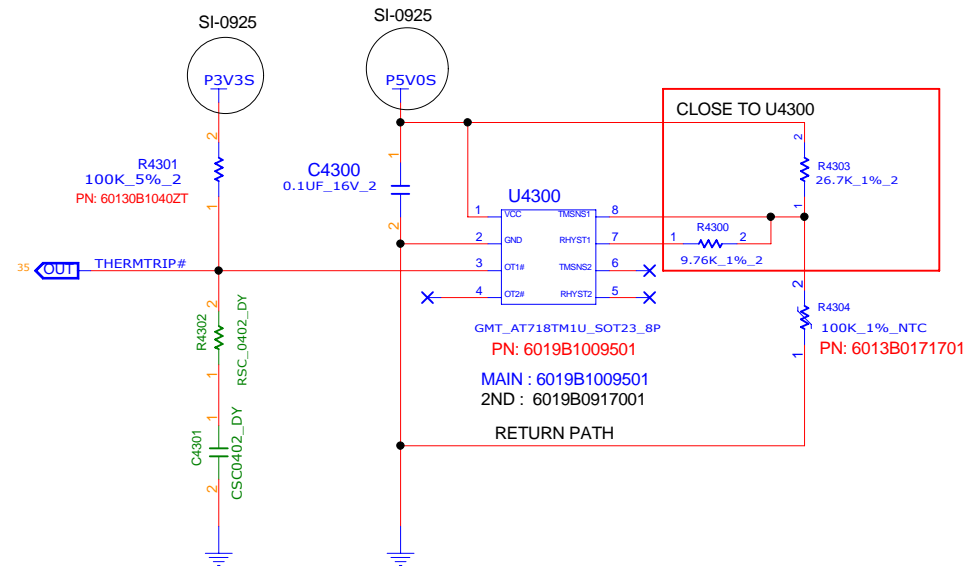
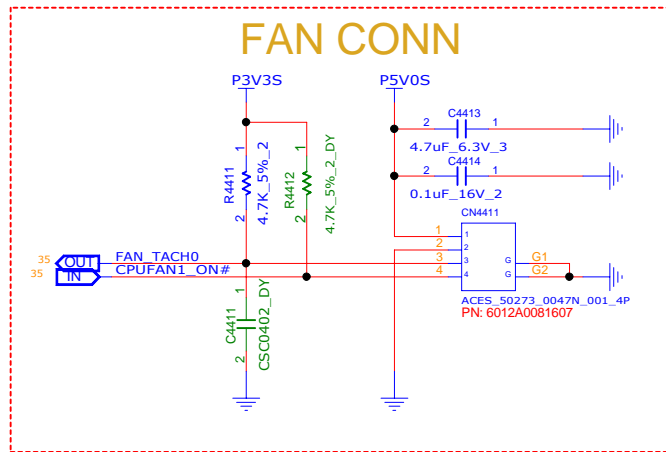


FOX\_P298927\_3641\_41F\_Huronriver\_989P\_CHIEFRIEVER



FOX\_P298927\_3641\_41F\_Huronriver\_989P\_CHIEFRIEVER





INVENTEC				
TITLE				
MODEL,PROJECT,FUNCTION THERMAL & FAN				
SIZE	CODE	DOC NUMBER	REV	
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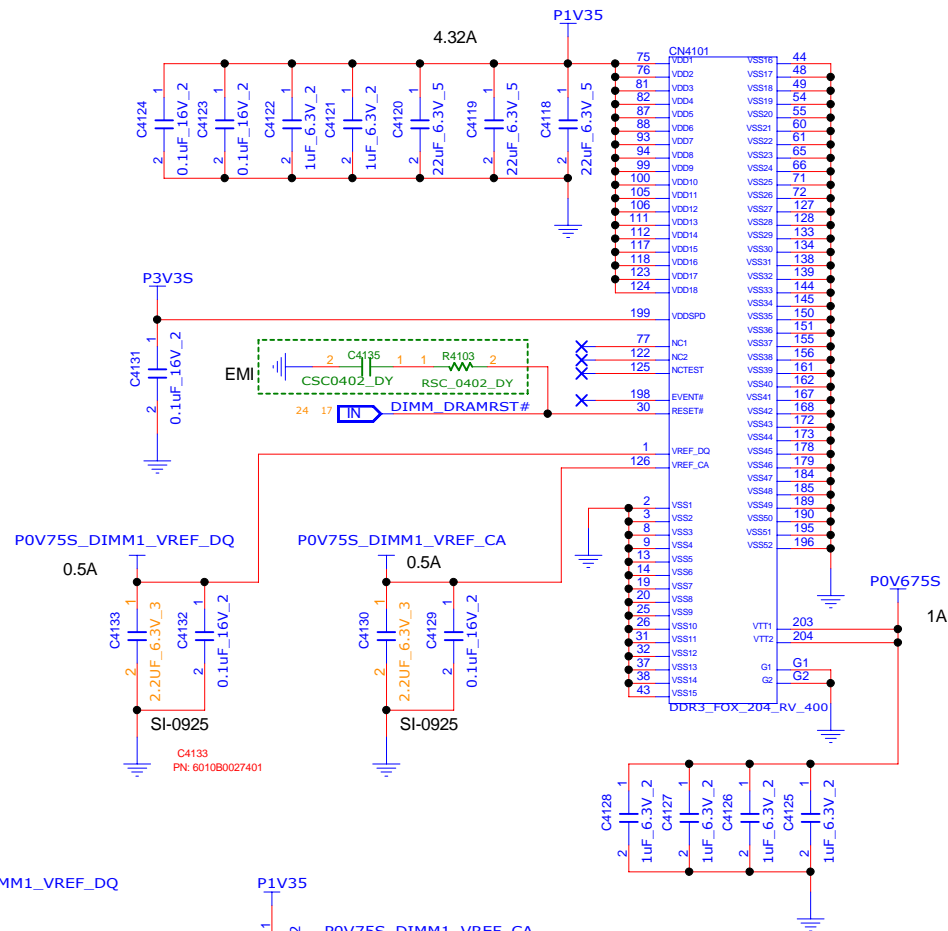
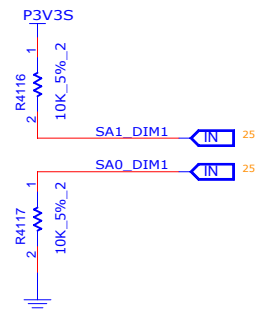


# DDR3 (4MM) P/N : 6026B0216701

19	BI	M B A<0>	98	CN4101	DQ0	5	M B DQ<0>	19
19	BI	M B A<1>	97	A1	DQ1	7	M B DQ<1>	19
19	BI	M B A<2>	96	A2	DQ2	15	M B DQ<2>	19
19	BI	M B A<3>	95	A3	DQ3	17	M B DQ<3>	19
19	BI	M B A<4>	92	A4	DQ4	4	M B DQ<4>	19
19	BI	M B A<5>	91	A5	DQ5	16	M B DQ<5>	19
19	BI	M B A<6>	90	A6	DQ6	18	M B DQ<6>	19
19	BI	M B A<7>	86	A7	DQ7	21	M B DQ<7>	19
19	BI	M B A<8>	89	A8	DQ8	23	M B DQ<8>	19
19	BI	M B A<9>	85	A9	DQ9	33	M B DQ<9>	19
19	BI	M B A<10>	107	A10_AP	DQ10	35	M B DQ<10>	19
19	BI	M B A<11>	84	A11	DQ11	22	M B DQ<11>	19
19	BI	M B A<12>	83	A12	DQ12	24	M B DQ<12>	19
19	BI	M B A<13>	119	A13	DQ13	34	M B DQ<13>	19
19	BI	M B A<14>	80	A14	DQ14	36	M B DQ<14>	19
19	BI	M B A<15>	78	A15	DQ15	39	M B DQ<15>	19
19	IN	M B BS0	109	BA0	DQ16	41	M B DQ<16>	19
19	IN	M B BS1	108	BA1	DQ17	51	M B DQ<17>	19
19	IN	M B BS2	79	BA2	DQ18	53	M B DQ<18>	19
19	IN	M CS#2	114	SO#	DQ19	40	M B DQ<19>	19
19	IN	M CS#3	121	SO#	DQ20	42	M B DQ<20>	19
19	IN	M CLK DDR2 DP	101	CK0	DQ21	50	M B DQ<21>	19
19	IN	M CLK DDR2 DN	103	CK0#	DQ22	52	M B DQ<22>	19
19	IN	M CLK DDR3 DP	102	CK1	DQ23	57	M B DQ<23>	19
19	IN	M CLK DDR3 DN	104	CK1#	DQ24	59	M B DQ<24>	19
19	IN	M CKE2	73	CKE1	DQ25	67	M B DQ<25>	19
19	IN	M CKE3	74	CKE2	DQ26	69	M B DQ<26>	19
19	IN	M B CAS#	115	CAS#	DQ27	56	M B DQ<27>	19
19	IN	M B RAS#	110	RAS#	DQ28	58	M B DQ<28>	19
19	IN	M B WE#	113	WE#	DQ29	68	M B DQ<29>	19
25	IN	SA0_DIM1	197	SA0	DQ30	70	M B DQ<30>	19
25	IN	PCH_3S_SMCLK	202	SA1	DQ31	129	M B DQ<31>	19
27	IN	PCH_3S_SMDAT	200	SCL	DQ32	131	M B DQ<32>	19
27	IN			SDA	DQ33	141	M B DQ<33>	19
19	IN	M ODT2	116	ODT0	DQ34	143	M B DQ<34>	19
19	IN	M ODT3	120	ODT1	DQ35	130	M B DQ<35>	19
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19					DQ39	147	M B DQ<39>	19
19					DQ40	149	M B DQ<40>	19
19					DQ41	157	M B DQ<41>	19
19					DQ42	159	M B DQ<42>	19
19					DQ43	146	M B DQ<43>	19
19					DQ44	148	M B DQ<44>	19
19					DQ45	158	M B DQ<45>	19
19					DQ46	160	M B DQ<46>	19
19					DQ47	163	M B DQ<47>	19
19	IN	M B DQS0 DP	12	DQS0	DQ48	165	M B DQ<48>	19
19	IN	M B DQS1 DP	29	DQS1	DQ49	175	M B DQ<49>	19
19	IN	M B DQS2 DP	47	DQS2	DQ50	177	M B DQ<50>	19
19	IN	M B DQS3 DP	64	DQS3	DQ51	164	M B DQ<51>	19
19	IN	M B DQS4 DP	137	DQS4	DQ52	166	M B DQ<52>	19
19	IN	M B DQS5 DP	184	DQS5	DQ53	174	M B DQ<53>	19
19	IN	M B DQS6 DP	171	DQS6	DQ54	176	M B DQ<54>	19
19	IN	M B DQS7 DP	188	DQS7	DQ55	181	M B DQ<55>	19
19	IN	M B DQS0 DN	10	DQS80	DQ56	183	M B DQ<56>	19
19	IN	M B DQS1 DN	27	DQS81	DQ57	191	M B DQ<57>	19
19	IN	M B DQS2 DN	45	DQS82	DQ58	193	M B DQ<58>	19
19	IN	M B DQS3 DN	62	DQS83	DQ59	180	M B DQ<59>	19
19	IN	M B DQS4 DN	135	DQS84	DQ60	182	M B DQ<60>	19
19	IN	M B DQS5 DN	152	DQS85	DQ61	192		19
19	IN	M B DQS6 DN	169	DQS86	DQ62	194		19
19	IN	M B DQS7 DN	186	DQS87	DQ63			19

DDR3\_FOX\_204\_RV\_400

Note :  
SO-DIMMA SPD Address is 0xA4  
SO-DIMMA TS Address is 0x34

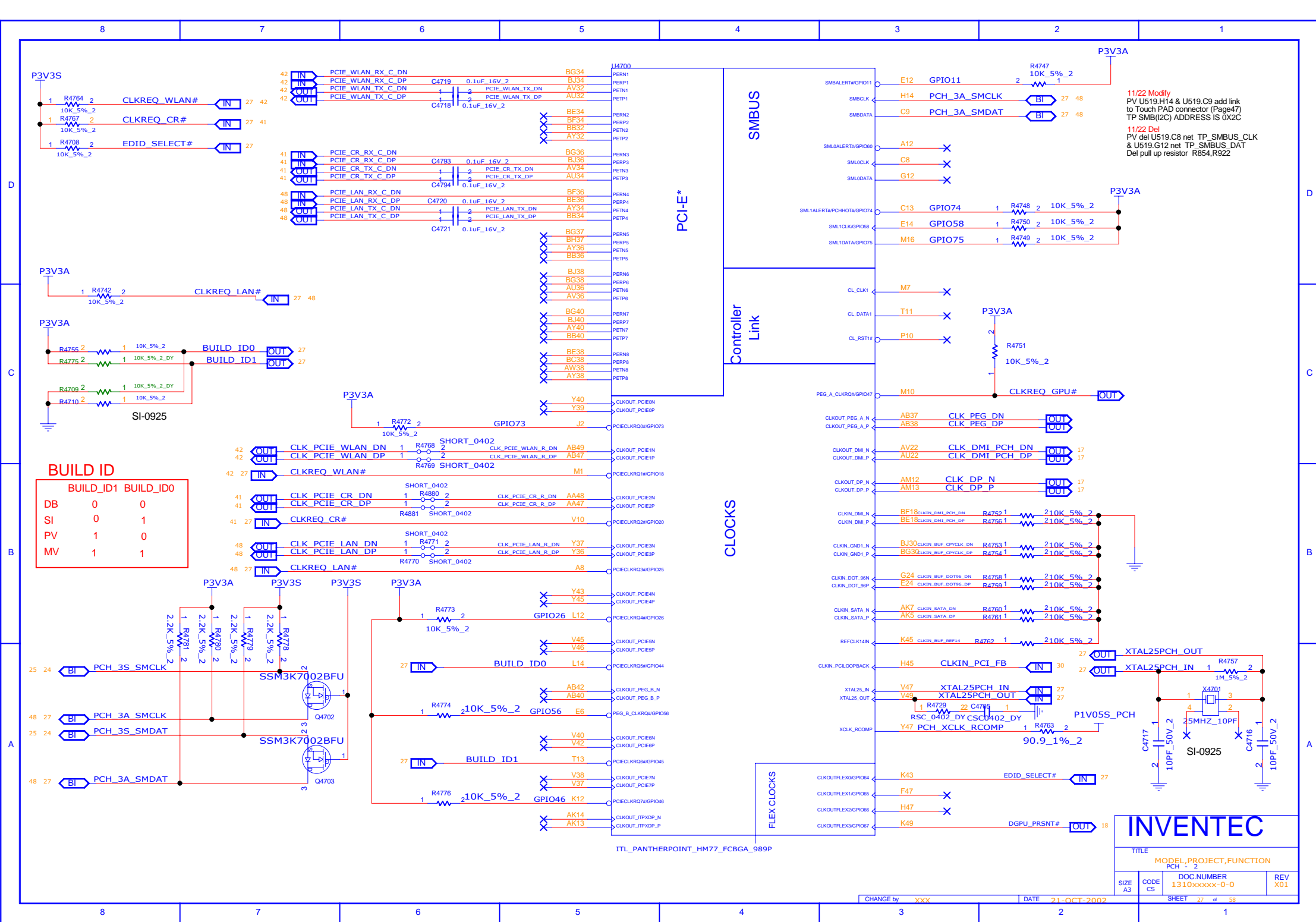


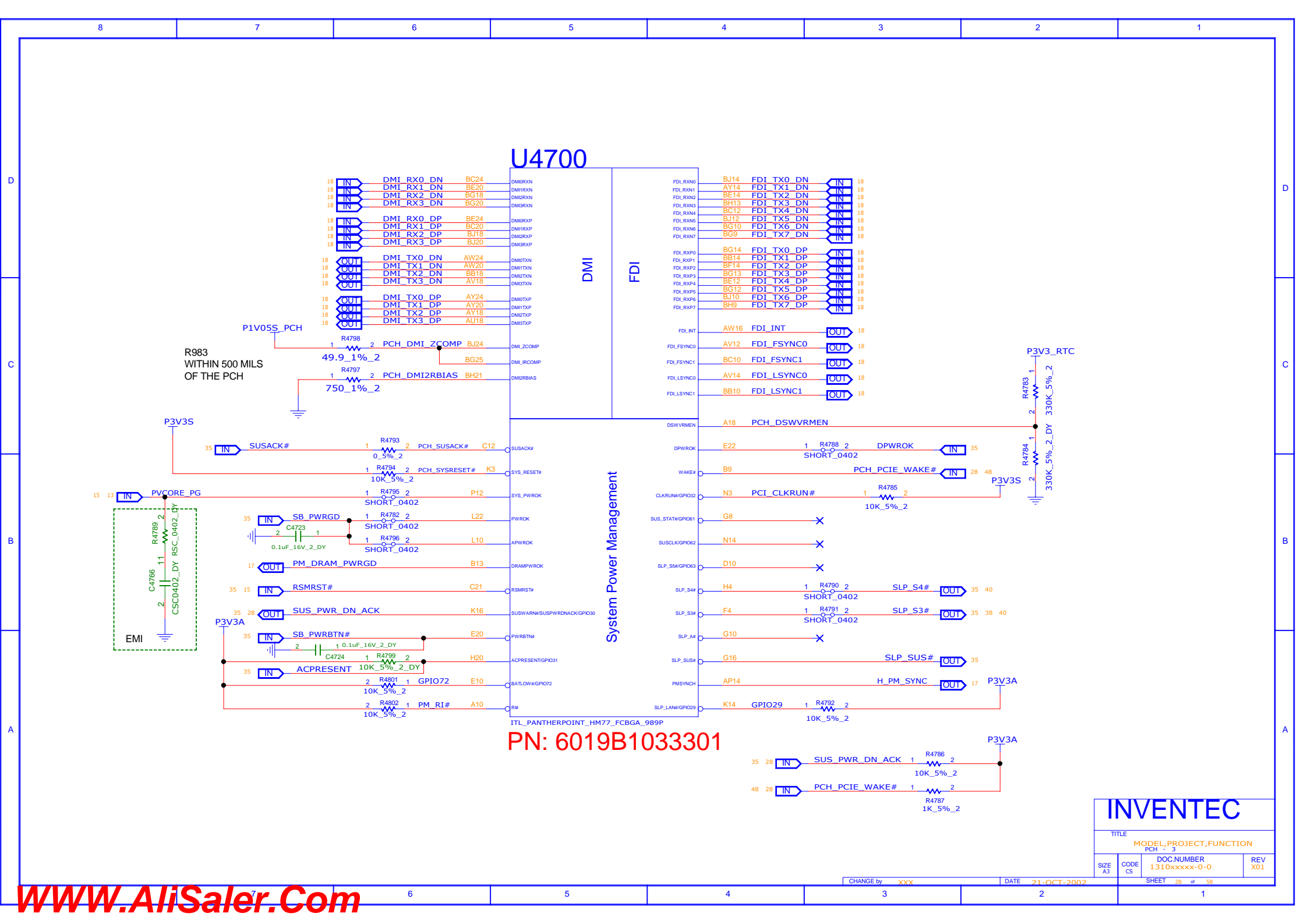
SANDY BRIDGE + IVY BRIDGE DG4.14

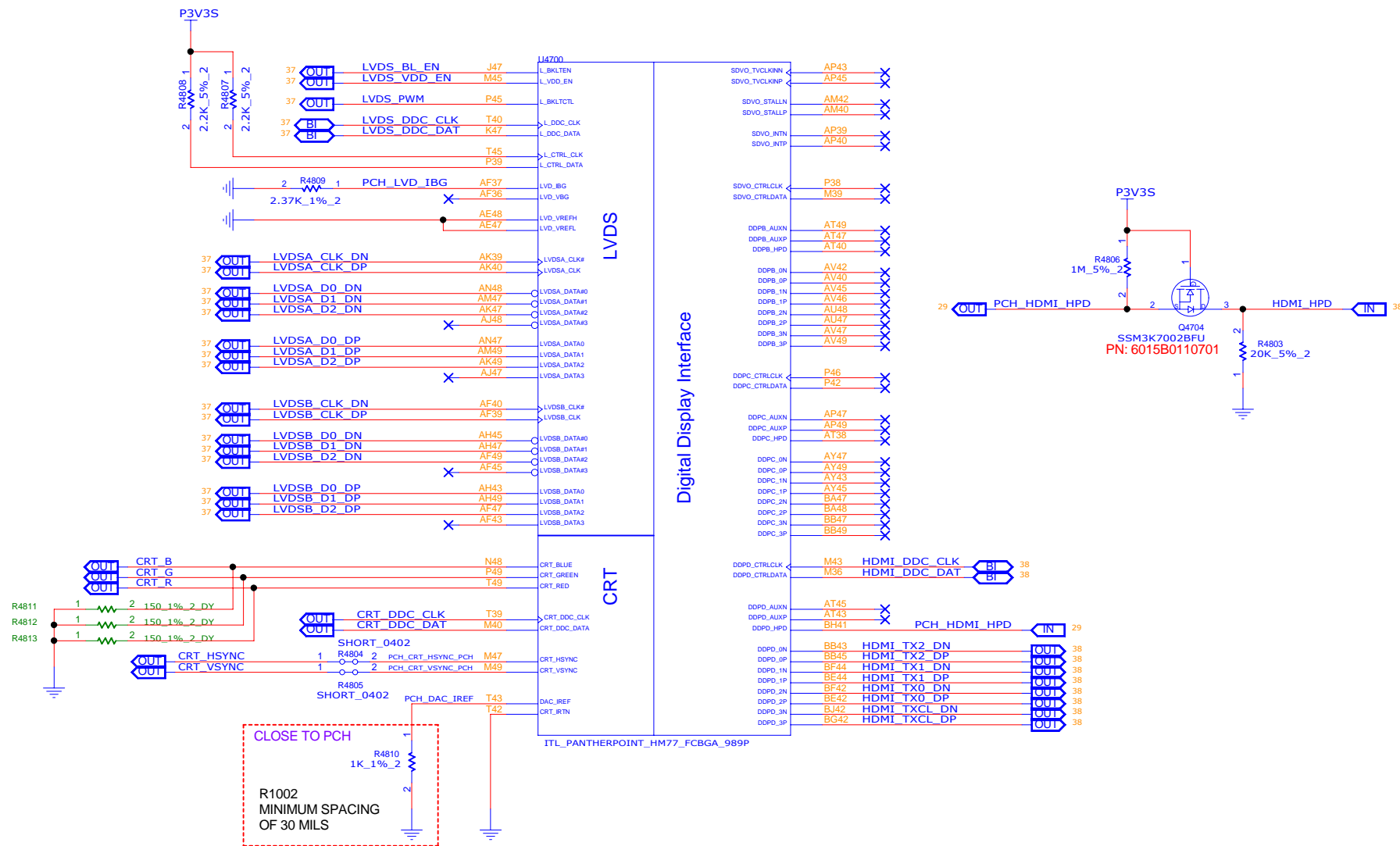
INVENTEC

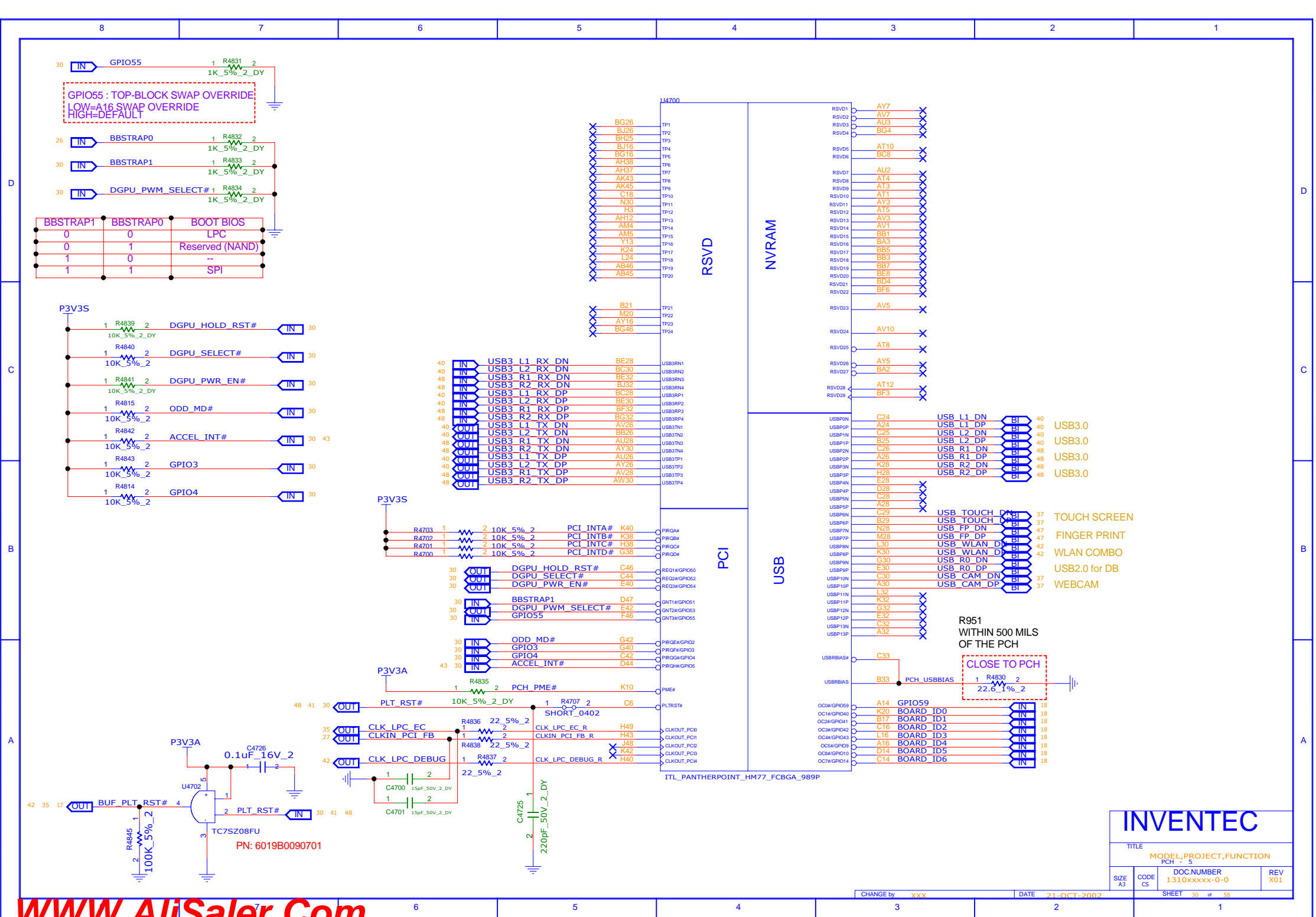
TITLE			
MODEL,PROJECT,FUNCTION			
DDR3			
SIZE	CODE	DOCNUMBER	REV
A3	CS	1310xxxxx-0-0	X01

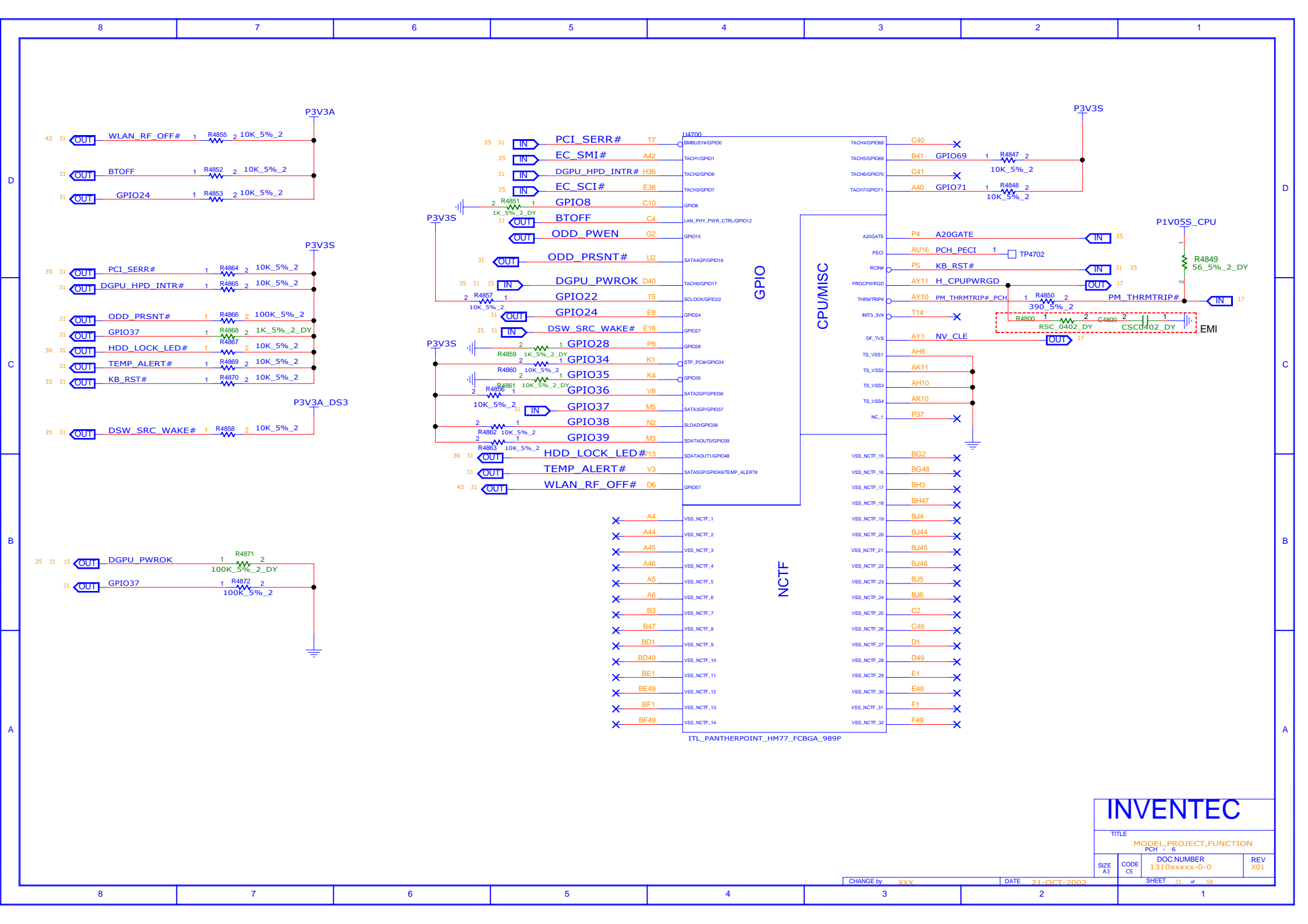












INVENTEC

TITLE  
MODEL,PROJECT,FUNCTION  
PCH - 6

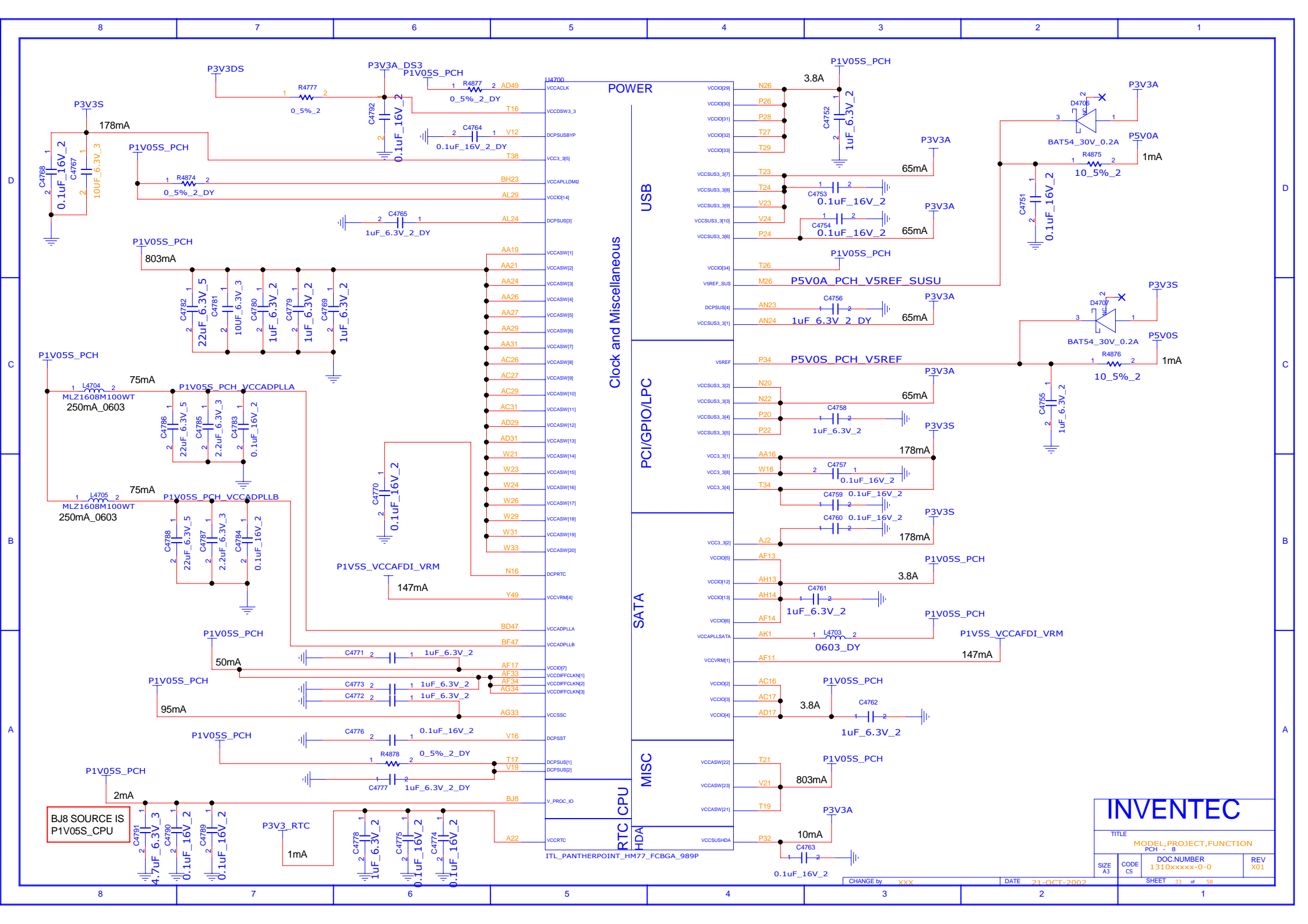
SIZE CODE DOC NUMBER REV  
A3 CS 1310xxxxx-0-0 X01

CHANGE by XXX DATE 21-OCT-2002

SHEET 31 of 58







POWER

USB

Clock and Miscellaneous

PCI/GPIO/LPC

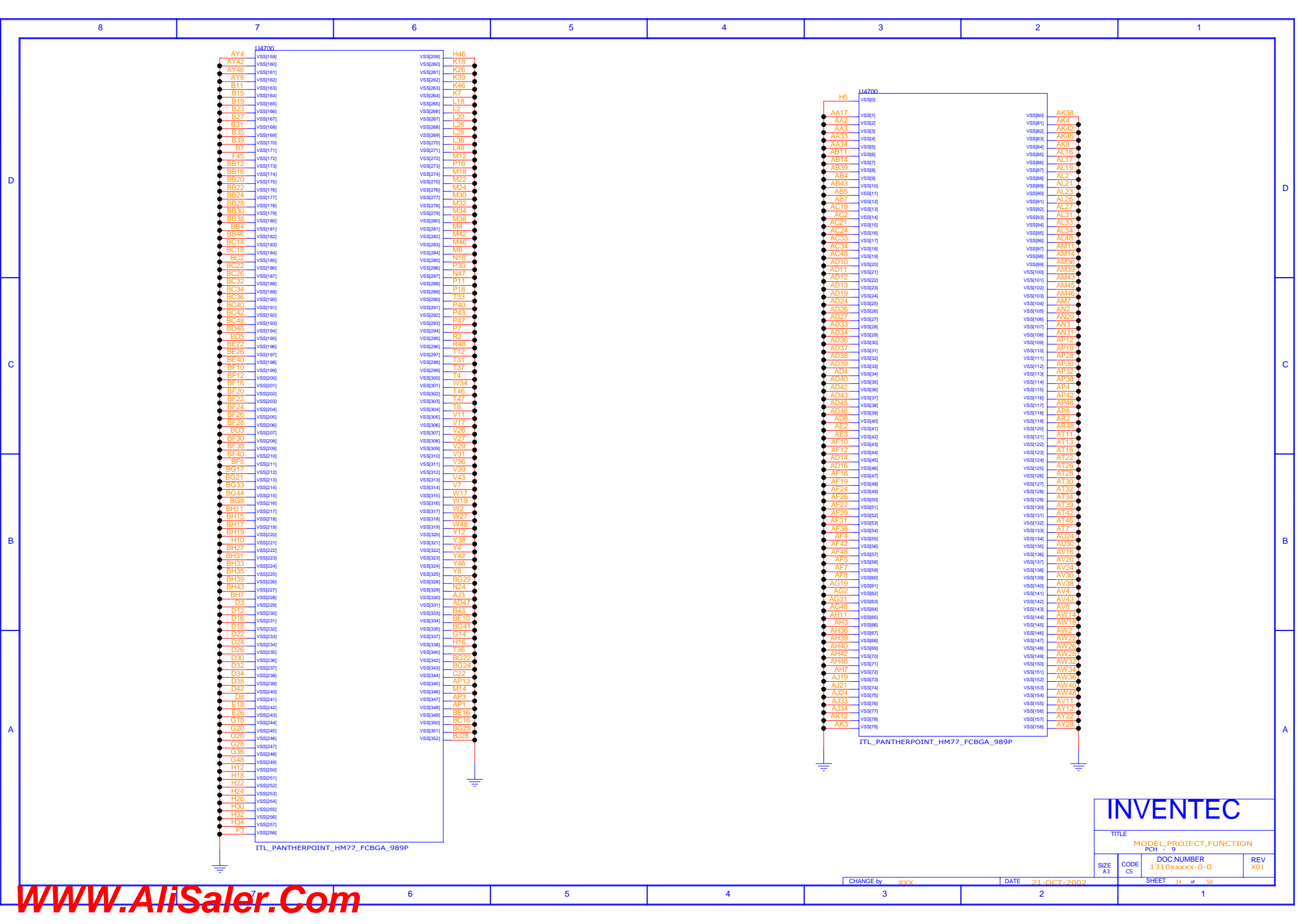
SATA

MISC

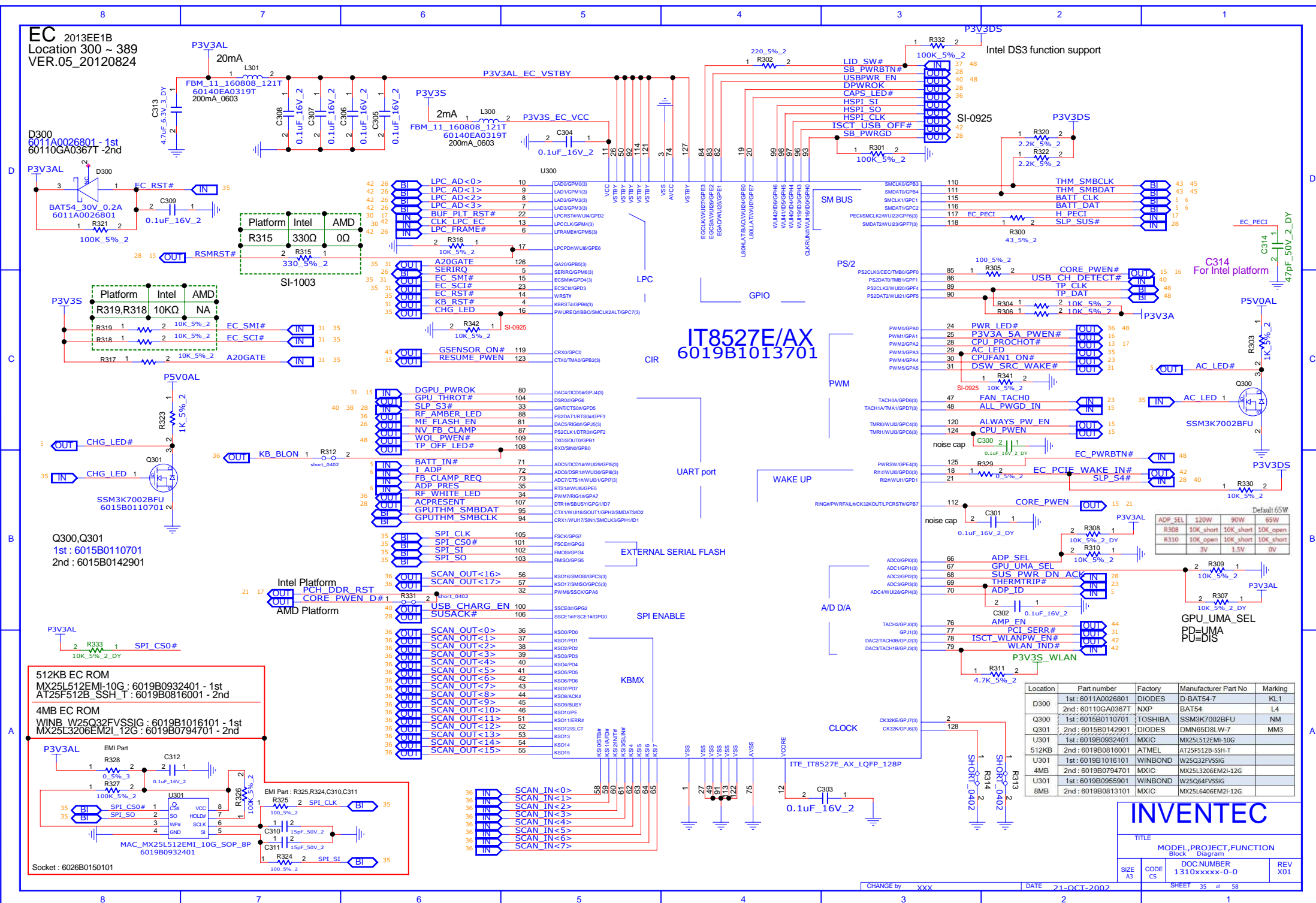
RTC CPU

INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
PCH - B			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01



D300  
6011A0026801 - 1st  
60110GA0367T -2nd



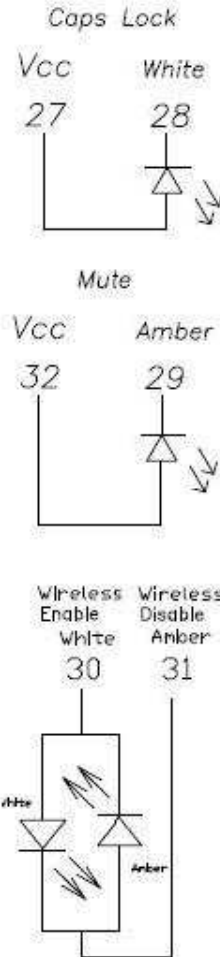
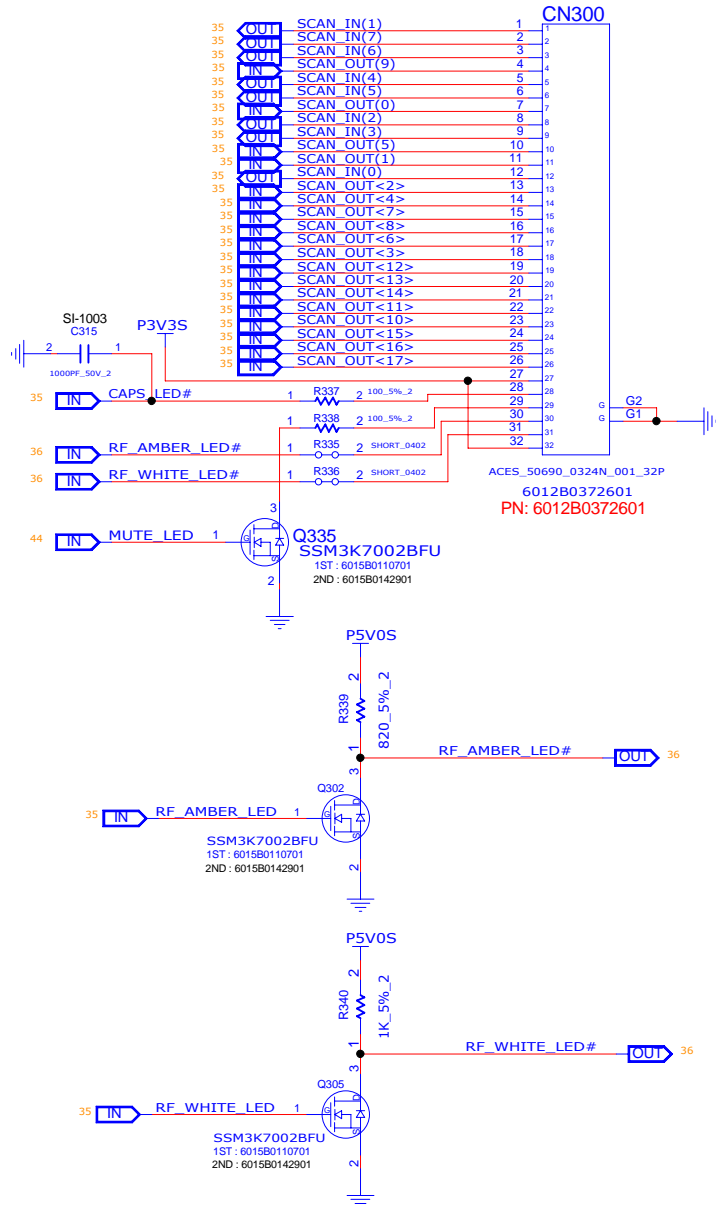
# INVENTEC

TITLE	MODEL,PROJECT,FUNCTION
	Block Diagram

SIZE	CODE	DOC.NUMBER 1310xxxxx-0-0
------	------	-----------------------------

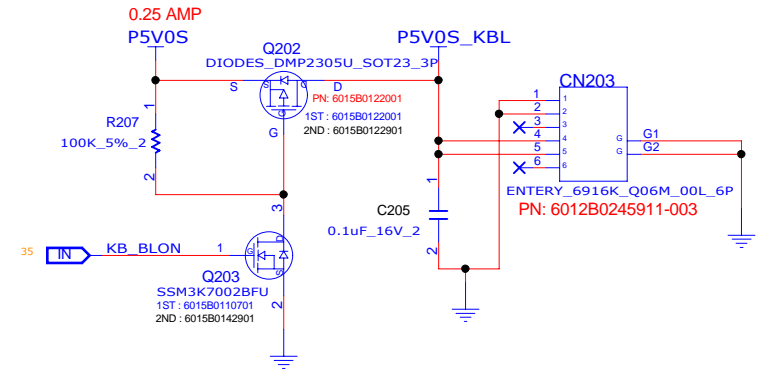
A3	CS	
SHEET 35 of 50		

## KEYBOARD CONN(32 PIN)



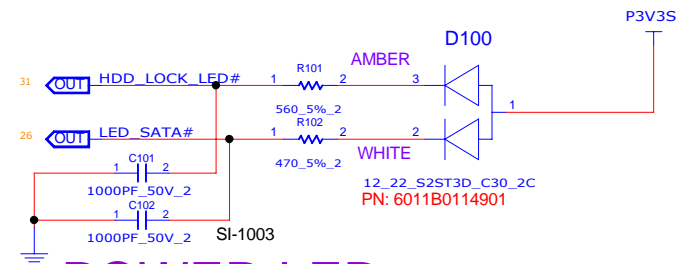
CONNECTOR KEY BOARD 200~299

## KEYBOARD BACKLIGHT

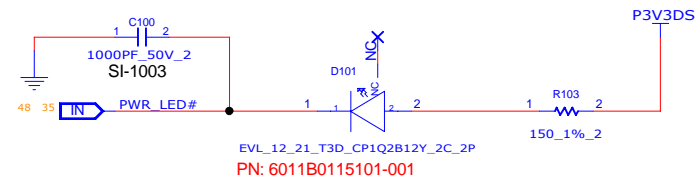


LED 100~199

## HDD LED



## POWER LED



INVENTEC

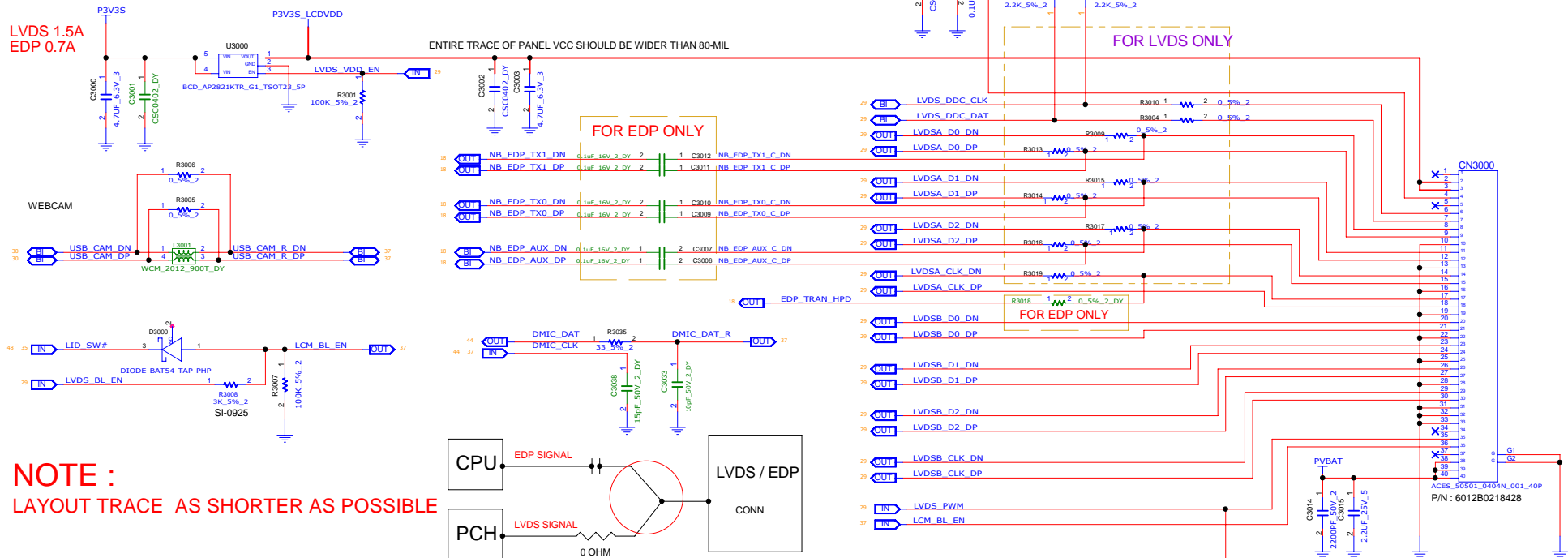
TITLE			
MODEL PROJECT,FUNCTION			
KB_CONN & LED			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01

CHANGE by XXX DATE 21-OCT-2002

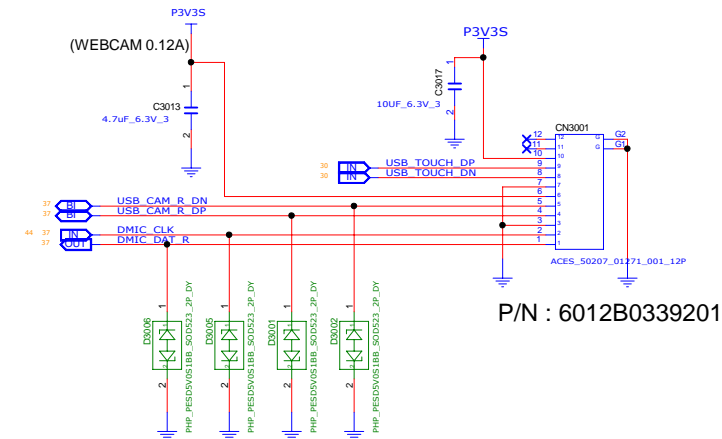
SHEET 36 of 58

# 40 PIN LCM CONN FOR DREAMWORK CR

LOCATION 3000~3049  
VER.01\_20120822



CO-LAYOUT	LVDS	EDP
Q4900, R4901	×	○
R4600	×	○
R4500, R4523	○	×
R4524, R4525	×	○
C3006, C3007, C3009 C3010, C3011, C3012	×	○
R3018	×	○
R4727, R???	×	○
C4730, C4731, C4732 L4701, R4728	○	×
R4807, R4808	○	×
R3002, R3003, R3004 R3009, R3010, R3013 R3014, R3015, R3016 R3017, R3019	○	×

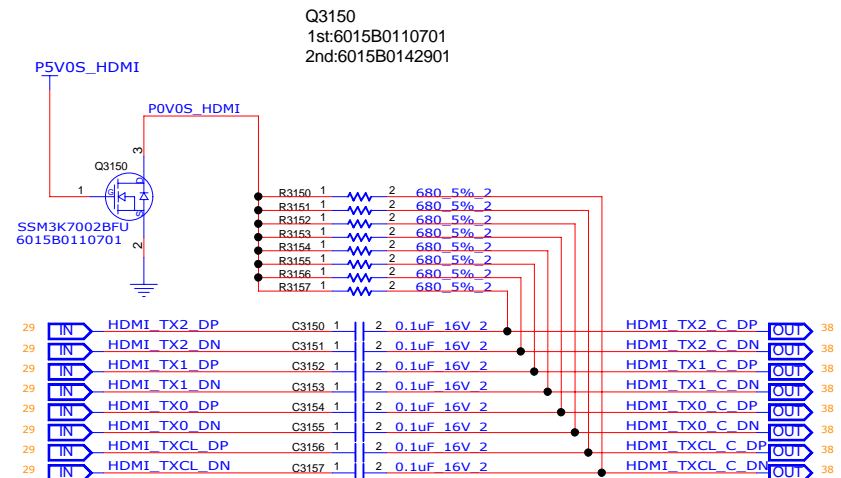
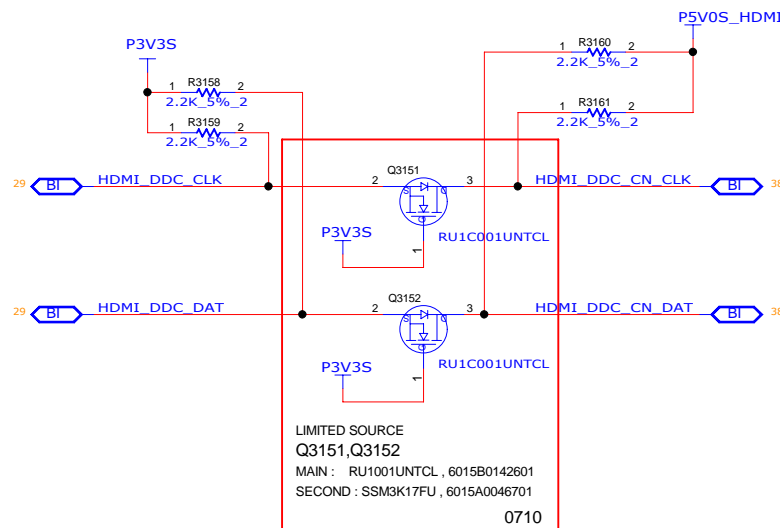
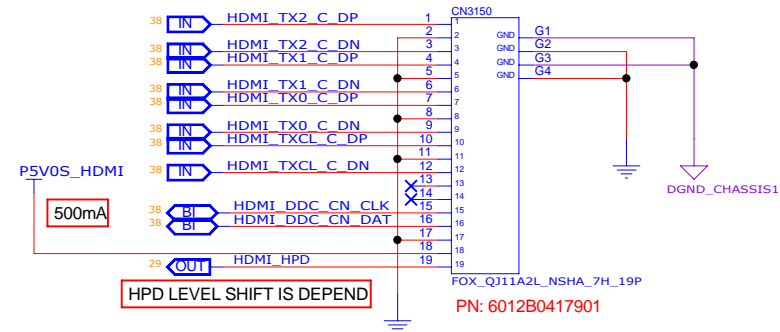
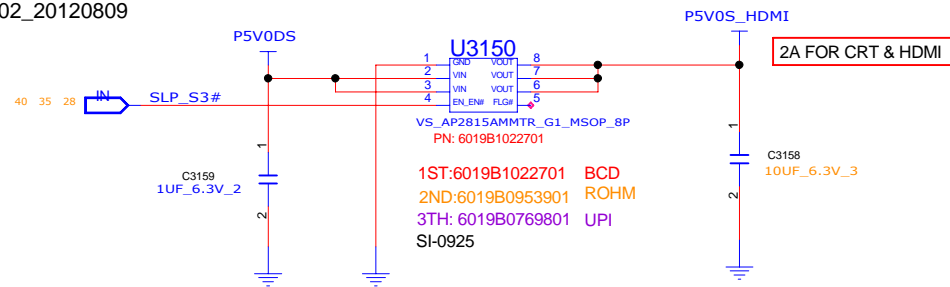


WEBCAM+TOUCHN SCREEN

INVENTEC			
MODEL/PROJECT/FUNCTION			
LVDS			
SIZE	CODE	DOC NUMBER	REV
C	CS	1310VXXXX-0-D	001
SHEET		37	of 38

# HDMI

Location 3150 ~ 3199  
Ver.02\_20120809



Location	Part number	Factory	Manufacturer Part No	Marking
D300	1ST : 6011A0026801	DIODES	D-BAT54-7	KL1
	2nd : 60110GA0367T	NXP	BAT54	
Q300	1ST : 6015B0124601	NXP	2N7002P	LWx
Q301	2nd : 6015B0140901	DIODES	DMN65D8L-7	MM6
U301	1ST : 6019B0932401	MXIC	MX25L512EMI-10G	
512KB	2nd : 6019B0816001	ATMEL	AT25F512B-SSH-T	
U301	1ST : 6019B1016101	WINBOND	W25Q32FVSSIG	
4MB	2nd : 6019B0794701	MXIC	MX25L3206EM2I-12G	

INVENTEC

TITLE			
MODEL, PROJECT, FUNCTION			
SIZE A3	CODE CS	DOC NUMBER 1310xxxx-0-0	REV X01
SHEET 38 of 58			

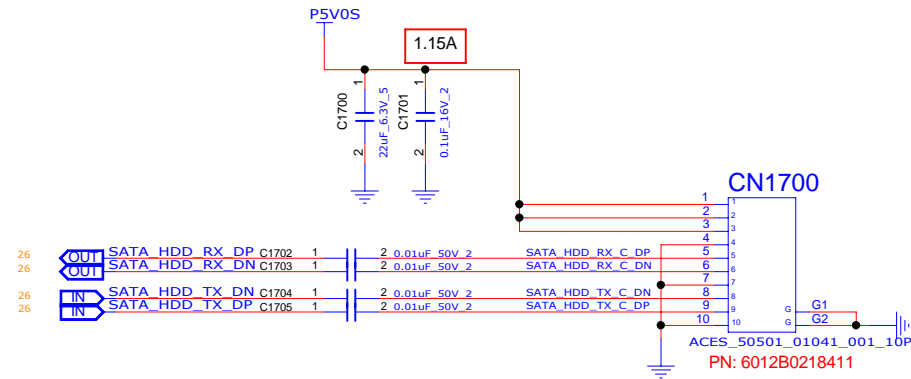
CHANGE by XXX DATE 21-OCT-2002

## SATA HDD

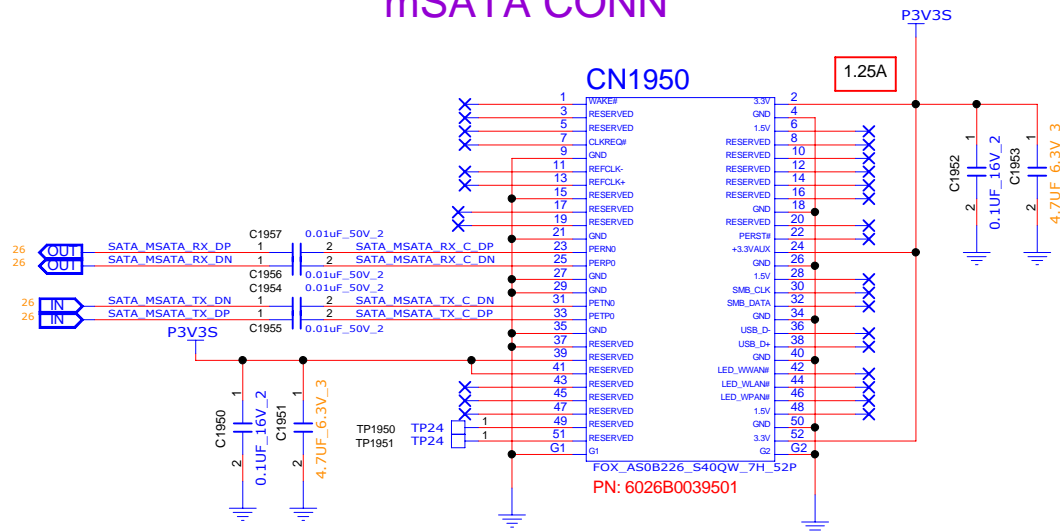
Location 1700 ~ 1749

mSATA  
Location 1950 ~ 1999  
Ver.01\_20120808

## SATA HDD CABLE CONN on MB



## mSATA CONN

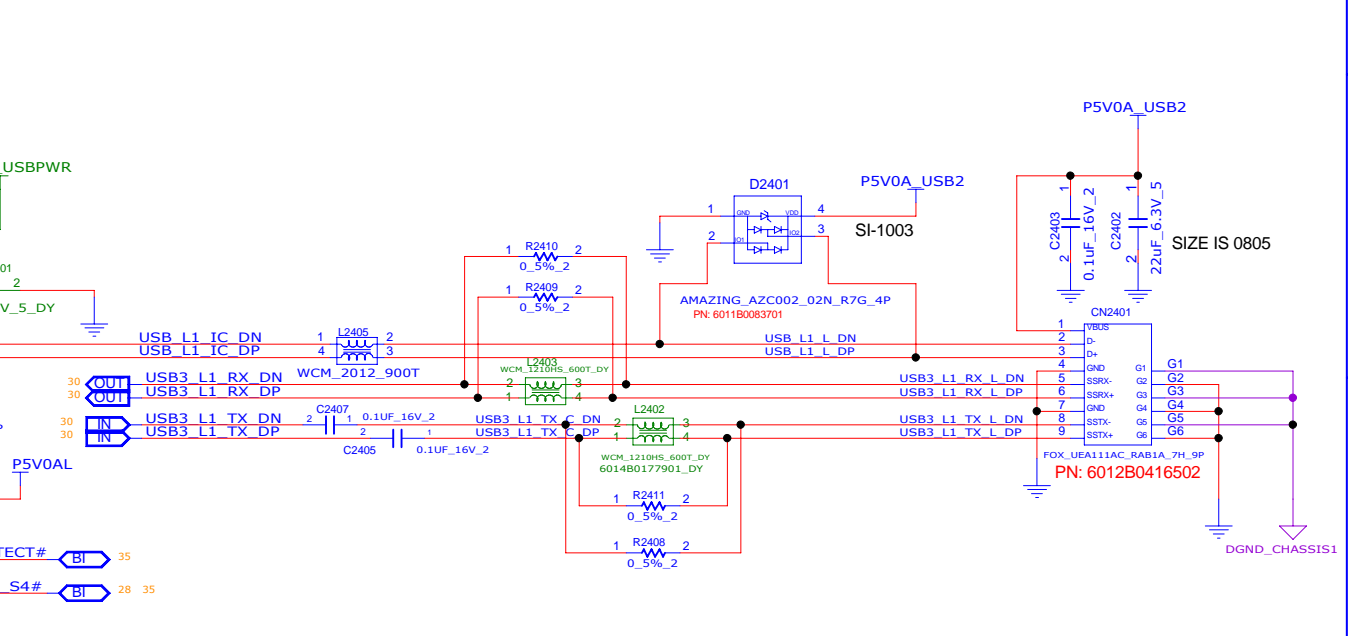
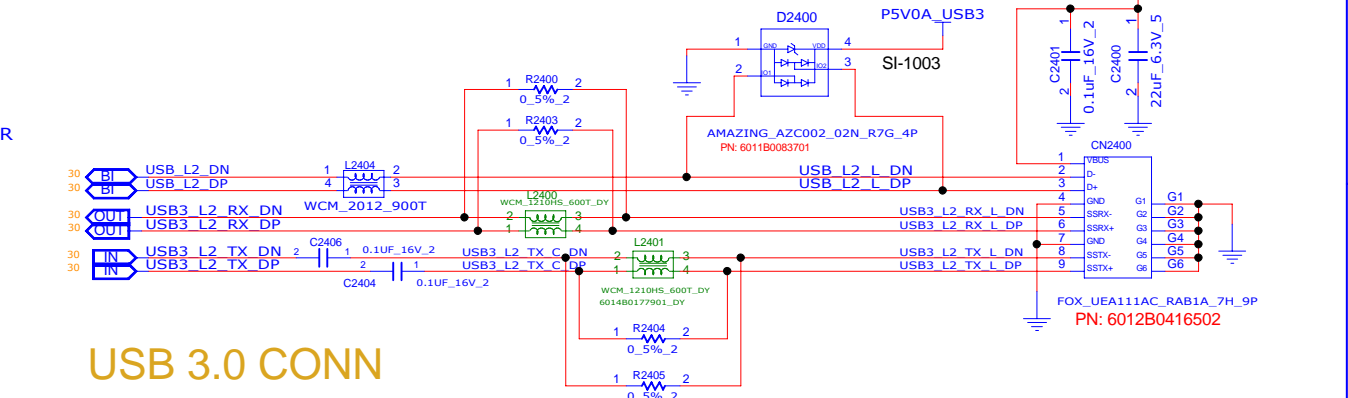


# INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
SATA HDD & SATA ODD			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01



Location	Part number	Factory	Manufacturer Part No	Color
D9400	6011B0115101	EVERLIGHT	T3D_CP1Q2B12Y_2C	White
D9401	6011B0101001	EVERLIGHT	S2C_AL1M2VY_3C	Amber



**USB CHARGING TPS2546**  
**PN: 6019B1035901**  
 SI-0925

INVENTEC			
TITLE			
MODEL PROJECT FUNCTION			
USB 3.0 CONN & M/B TO D/B CONN			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01
CHANGE by		DATE	21-OCT-2002
SHEET		40	of 58



LOCATION: 800~899  
VER\_04 . 20120823

[illegible]

**CN800**

Pin 1: SD\_DATA3  
Pin 2: SD\_CMD  
Pin 3: GND  
Pin 4: SD\_WP  
Pin 5: SD\_CLK  
Pin 6: SD\_DATA0  
Pin 7: GND  
Pin 8: G1  
Pin 9: SD\_COM  
Pin 10: SD\_CD#  
Pin 11: SD\_WP  
Pin 12: SD\_DATA2  
Pin 13: SD\_DATA1  
Pin 14: G2

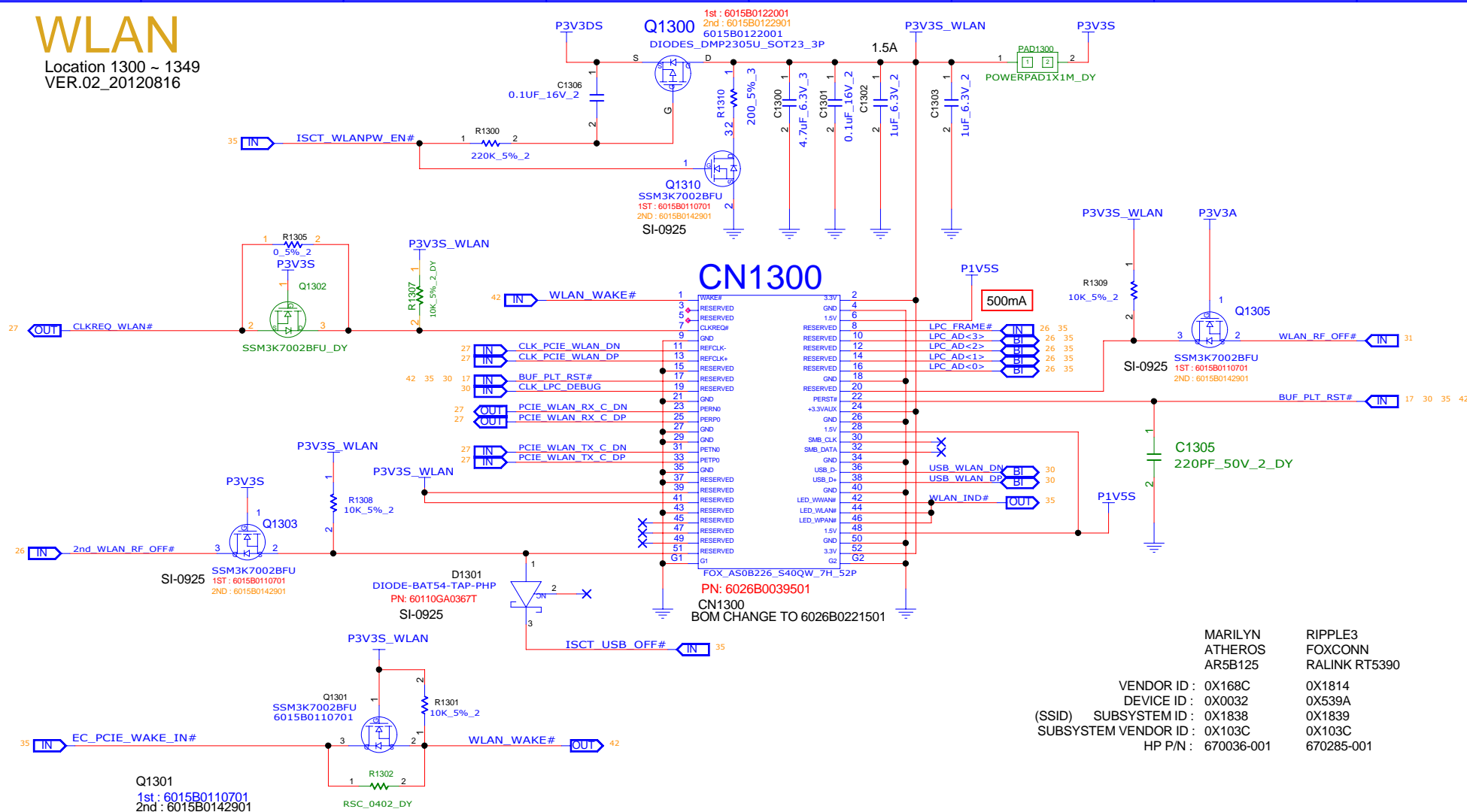
Power: P3V3S\_CR (800mA) → 10uF 6.3V → Pin 1

Signal: FOX\_WK2192C\_S2D1\_7H\_14P (PN: 6026B0244301) → R800 (5%) → Pin 12

SHEET 41 of 58

# WLAN

Location 1300 ~ 1349  
VER.02\_20120816



MARILYN  
ATHEROS  
AR5B125

RIPPLE3  
FOXCONN  
RALINK RT5390

VENDOR ID : 0X168C  
DEVICE ID : 0X0032  
(SSID) SUBSYSTEM ID : 0X1838  
SUBSYSTEM VENDOR ID : 0X103C  
HP P/N : 670036-001

0X1814  
0X539A  
0X1839  
0X103C  
670285-001

Location	Part number	Factory	Manufacturer Part No	Marking
D1300	1st : 6011A0026801	DIODES	D-BAT54-7	KL1
	2nd : 60110GA0367T	NXP	BAT54	
Q1301	1st : 6015B0110701	TOSHIBA	SSM3K7002BFU	NM
	2nd : 6015B0142901	DIODES	DMN65D8LW-7	MM3
Q1300	1st : 6015B0122001	DIODES	DMP2305U	23P
	2nd : 6015B0122901	TOSHIBA	SSM3J327R	KFG

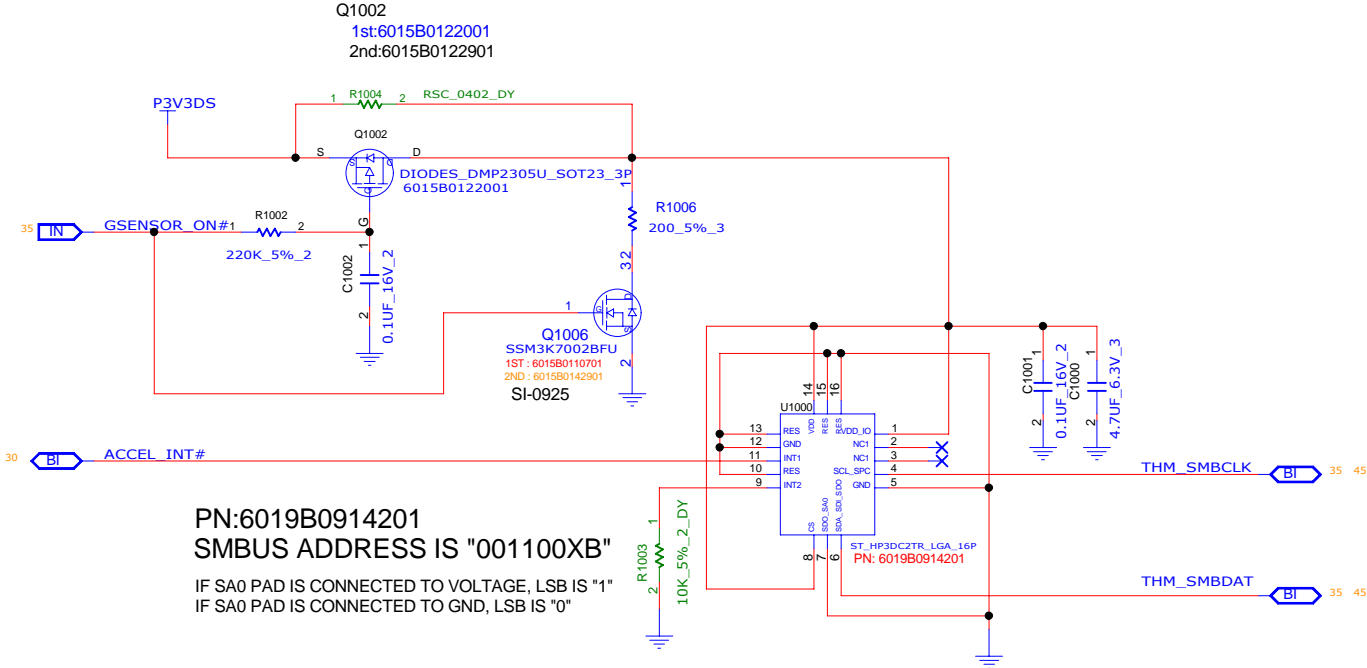
## INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01

CHANGE by XXX DATE 21-OCT-2002

SHEET 42 of 58

# HARDDRIVE PROTECTION

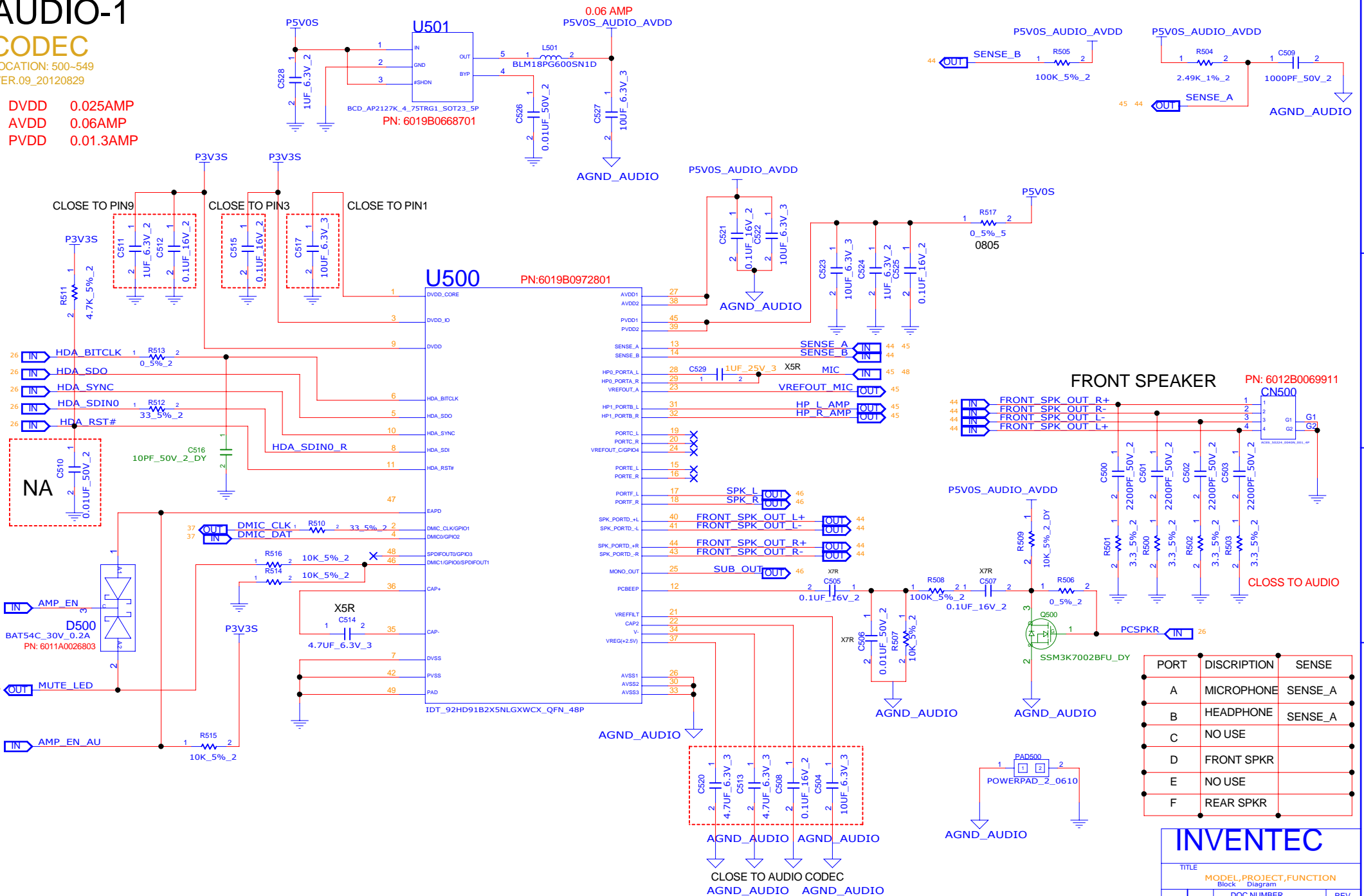


Location	Part number	Factory	Manufacturer Part No
Q400	1ST : 6015B0122001	DIODES	DMP2305U
	2nd : 6015B0122901	TOSHIBA	SSM3I327R

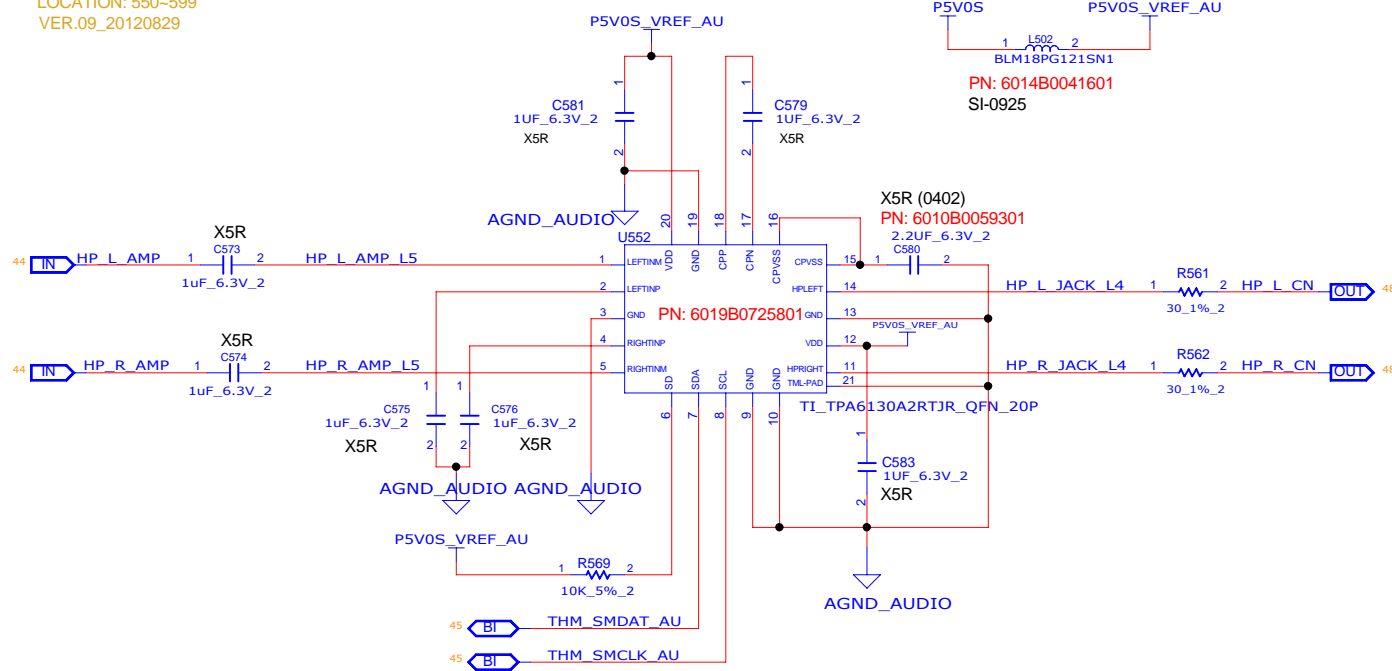
INVENTEC			
TITLE MODEL,PROJECT,FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310xxxxx-0-0	REV X01
SHEET 43 of 58			

LOCATION: 500~549  
VER.09\_20120829

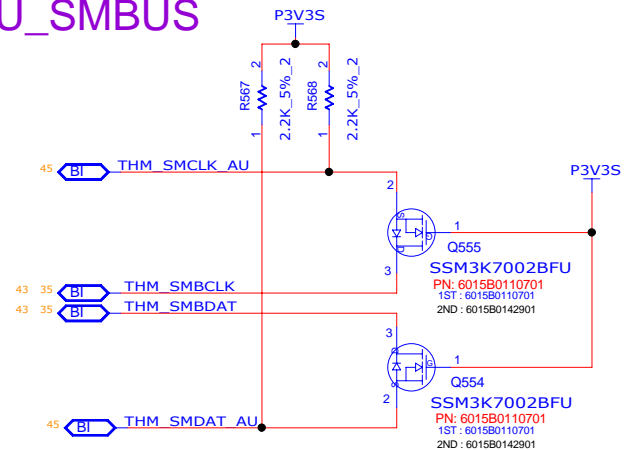
DVDD	0.025AMP
AVDD	0.06AMP
PVDD	0.01.3AMP



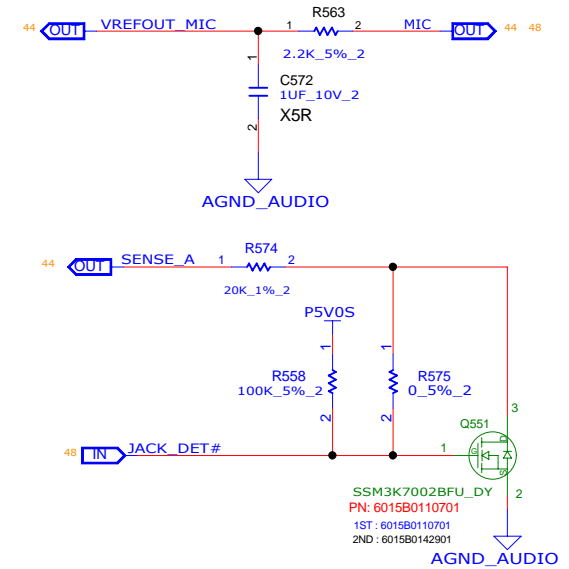
LOCATION: 550~599  
VER.09\_20120829



## AU\_SMBUS



## COMBO JACK



Location	Part number	Factory	Manufacturer Part No	Marking
Q9401	1st : 6015B0122001	DIODES	DMP2305U	23P
	2nd : 6015B0122901	TOSHIBA	SSM3J327R	KFG
L9401	1st : 6014B0200401	TAI-TECH	SWF2520CF-2R2M-R15	
	2nd : 6014B0190301	CYNTEC	PHI25201B-2R2MS	
X9401	1st : 6018B0060301	EPSON	FA-238G	2500M
	2nd : 6018B0054701	TXC	7V25000014	T250

# INVENTEC

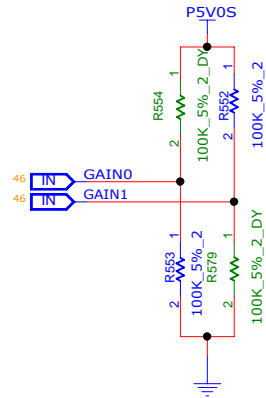
TITLE			
MODEL,PROJECT,FUNCTION			
Block Diagram			
SIZE	CODE	DOC.NUMBER 1310xxxxx-0-0	REV X01

## AUDIO-3

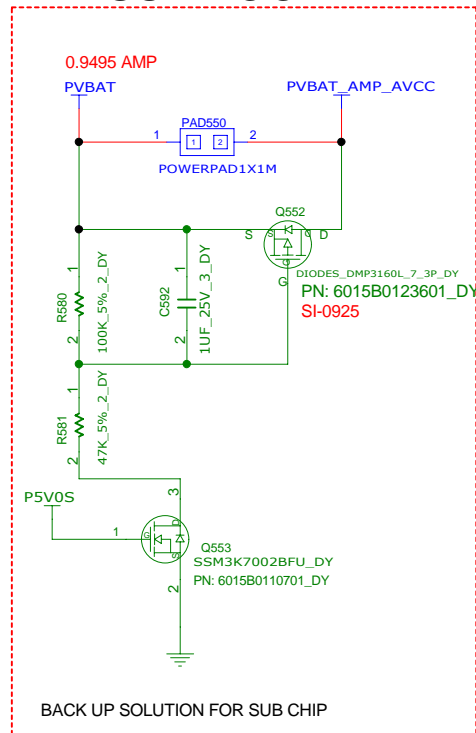
## CODEC

LOCATION: 550-599

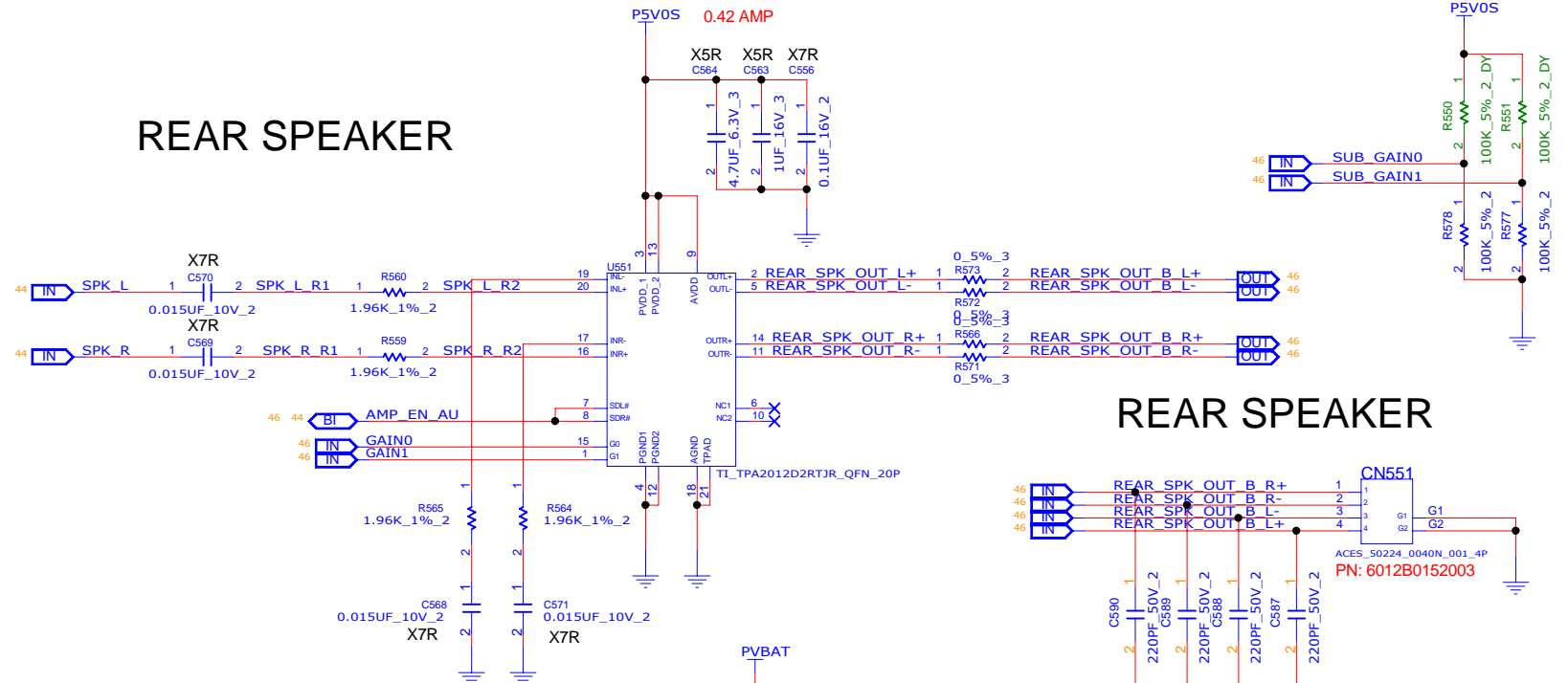
VER.09\_20120829



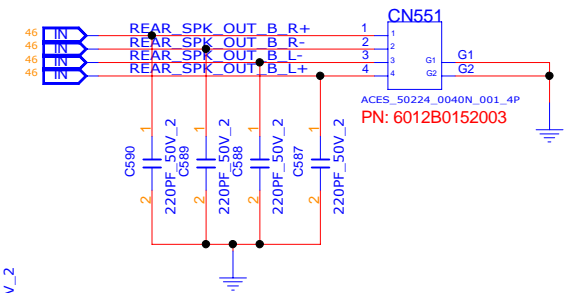
## SUBWOOFER



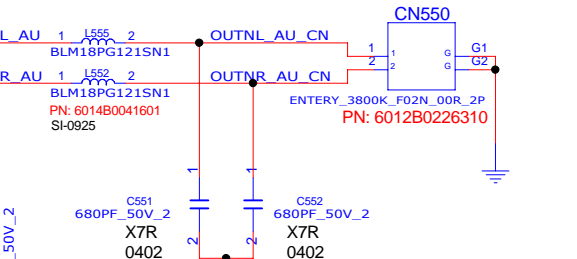
## REAR SPEAKER



## REAR SPEAKER



## SUBWOOFER



TI TPA3111D1 (HP PART NUMBER HPA00836PWPR)

INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
Block Diagram			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01

CHANGE by XXX DATE 21-OCT-2002

SHEET 46 of 58

D

C

B

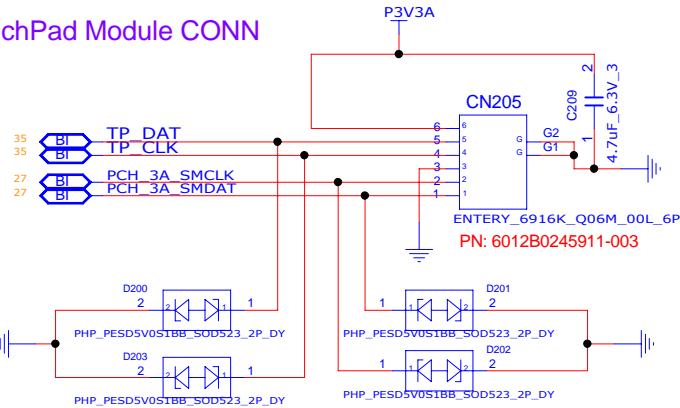
A

### Figure 4 - Connector Pin-out

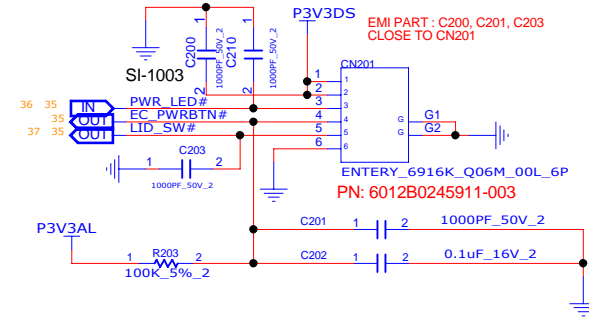
# INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310xxxxx-0-0	REV X01
SHEET 47 of 58			

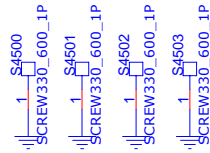
## TouchPad Module CONN



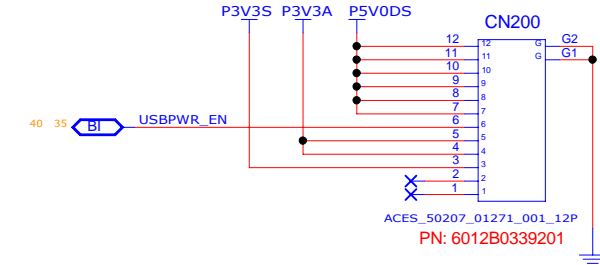
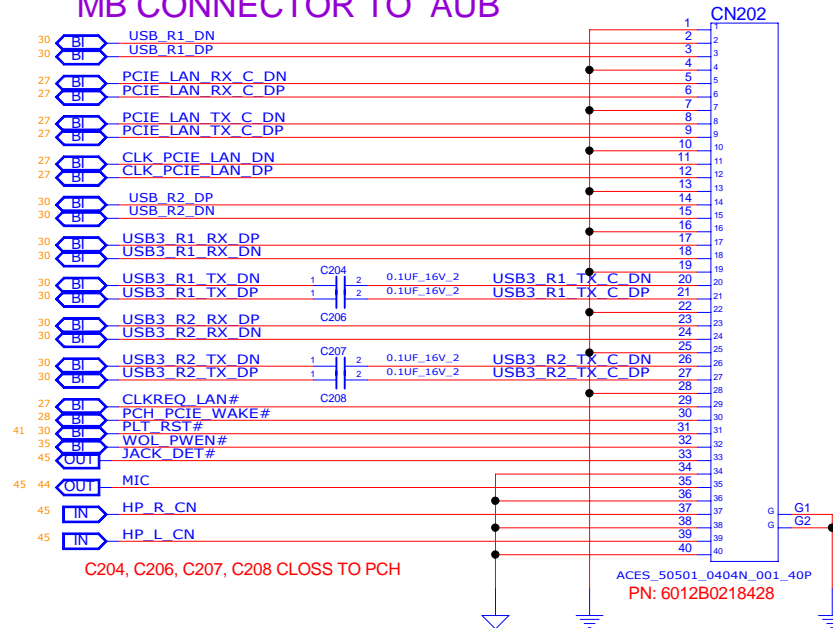
## POWER BUTTON CONN ON MB



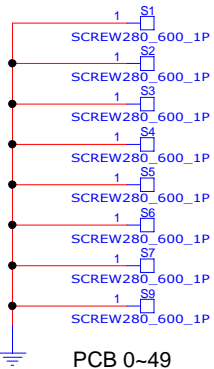
## FOR CPU



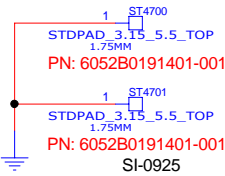
## MB CONNECTOR TO AUB



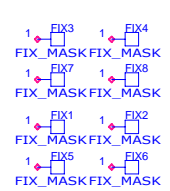
## For M/B



## FOR PCH



## For M/B



INVENTEC

TITLE			
MODEL PROJECT,FUNCTION			
POWER BUTTON			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01
SHEET 48 of 58			

CHANGE by XXX DATE 21-OCT-2002



AUB  
LOCATION: 9000~9999  
VER.03\_20120814

# AUB BOARD

INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC.NUMBER 1310xxxxx-0-0	REV X01

CHANGE by XXX DATE 21-OCT-2002

SHEET 49 of 58



D



B



TITLE	MODEL PROJECT FUNCTION
1. <b>Project Overview</b>	1.1. <b>Project Name:</b> [Project Name]
2. <b>Project Objectives</b>	2.1. <b>Primary Objective:</b> [Primary Objective]
3. <b>Project Scope</b>	3.1. <b>Scope Description:</b> [Scope Description]
4. <b>Project Timeline</b>	4.1. <b>Start Date:</b> [Start Date]
5. <b>Project Budget</b>	5.1. <b>Budget Total:</b> [Budget Total]
6. <b>Project Risks</b>	6.1. <b>Risk Assessment:</b> [Risk Assessment]
7. <b>Project Deliverables</b>	7.1. <b>Deliverable List:</b> [Deliverable List]
8. <b>Project Stakeholders</b>	8.1. <b>Stakeholder Roles:</b> [Stakeholder Roles]
9. <b>Project Communication</b>	9.1. <b>Communication Plan:</b> [Communication Plan]
10. <b>Project Conclusion</b>	10.1. <b>Final Remarks:</b> [Final Remarks]

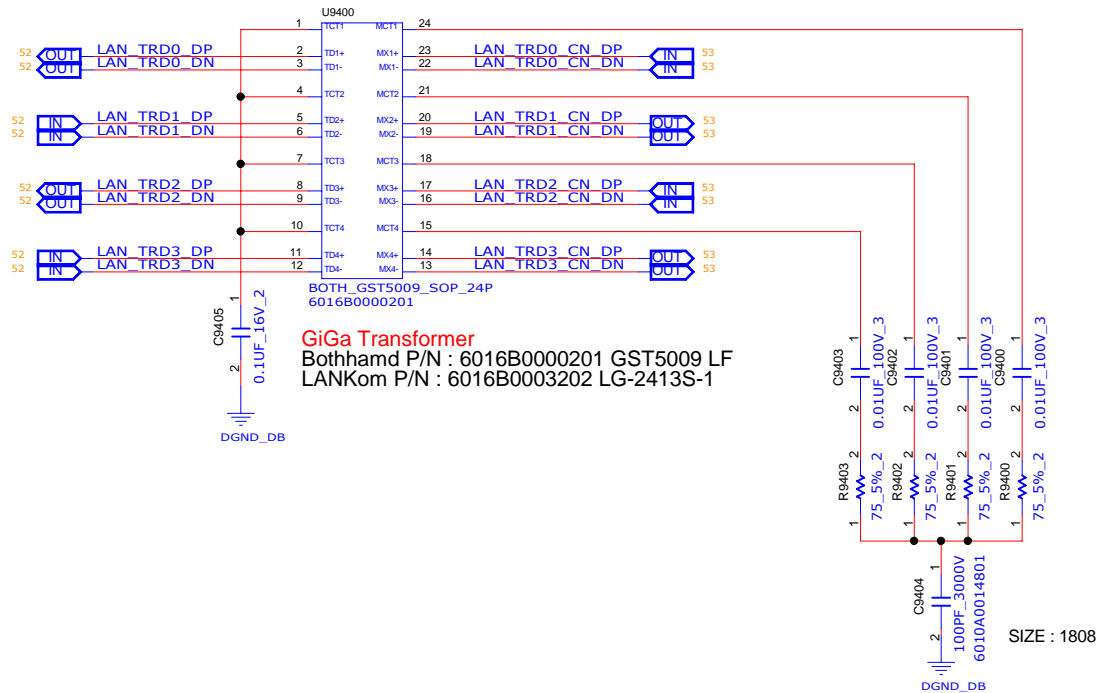
SIZE A3	CODE CS	DOC.NUMBER 1310xxxxx-0-0	REV X01
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CHANGE by	XXX	DATE	21-OCT-2002
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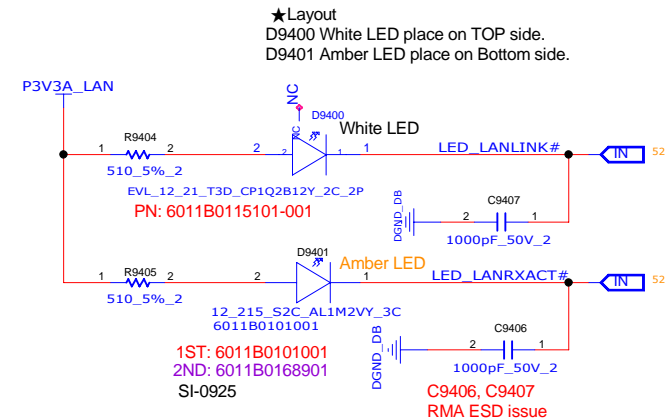
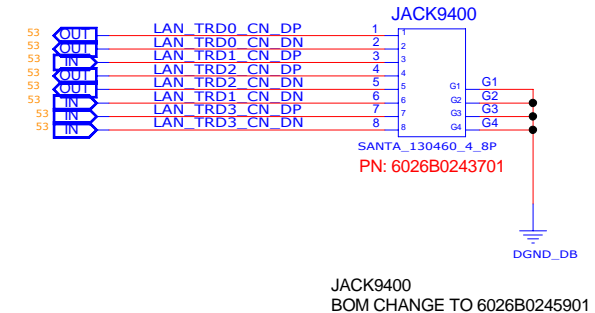


# LAN ( Transformer & RJ45 )

Location 9400 ~ 9499  
Ver.06\_20120813



## RJ-45



Location	Part number	Factory	Manufacturer Part No	Color
D9400	6011B0115101	EVERLIGHT	T3D_CP1Q2B12Y_2C	White
D9401	6011B0101001	EVERLIGHT	S2C_AL1M2VY_3C	Amber

Location	Part number	Factory	Manufacturer Part No	Marking
D300	1st : 6011A0026801	DIODES	D-BAT54-7	KL1
Q300	2nd : 60110GA0367T	NXP	BAT54	L4
Q301	1st : 6015B0110701	TOSHIBA	SSM3K7002BFU	NM
U301	2nd : 6015B0142901	DIODES	DMN65D8LW-7	MM3
512KB	1st : 6015B0932401	MXIC	MX25L512EML-10G	
U301	2nd : 6019B0816001	ATMEL	AT25F512B-SSH-T	
4MB	1st : 6019B0794701	WINBOND	W25Q32FVSSIG	
U301	2nd : 6019B0794701	MXIC	MX25L3206EM2I-12G	
8MB	1st : 6019B0955901	WINBOND	W25Q64FV55IG	
	2nd : 6019B0813101	MXIC	MX25L6406EM2I-12G	

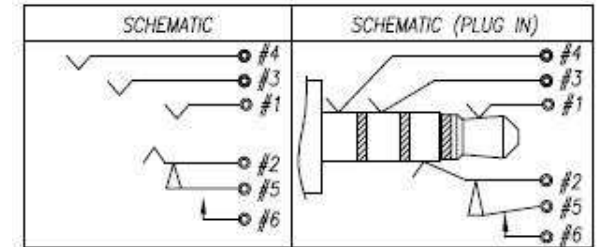
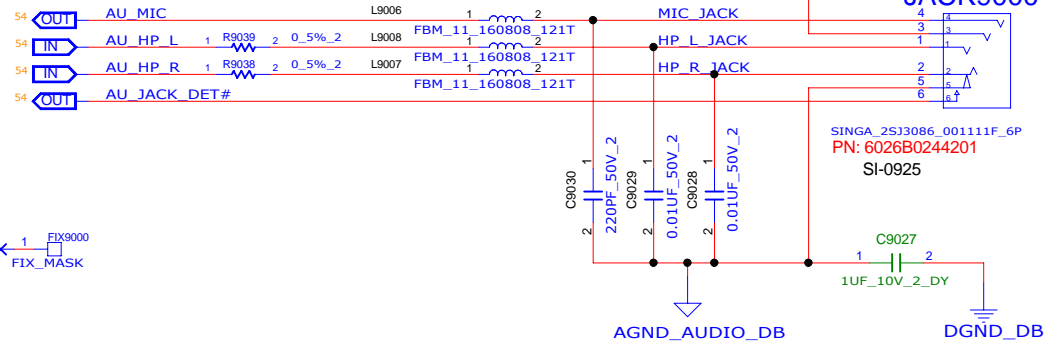
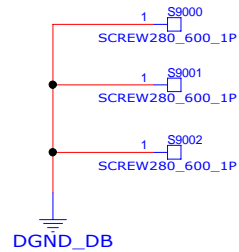
## INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxxx-0-0	X01
SHEET 53 of 58			

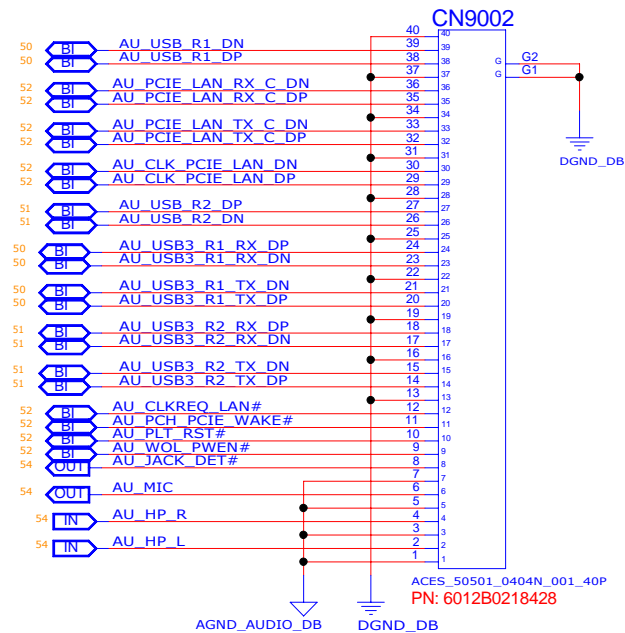
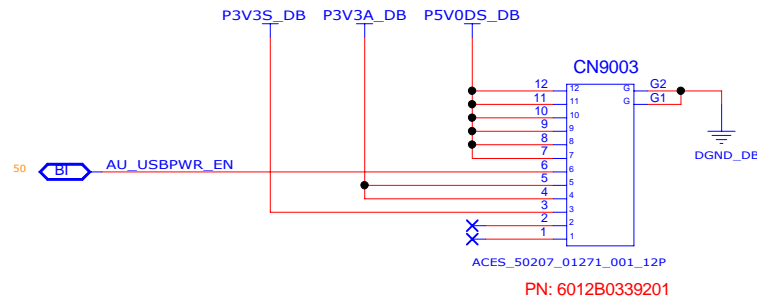
CHANGE by XXX DATE 21-OCT-2002

# CONNECTOR

## COMBO JACK



## MB TO AUB CONNECTOR

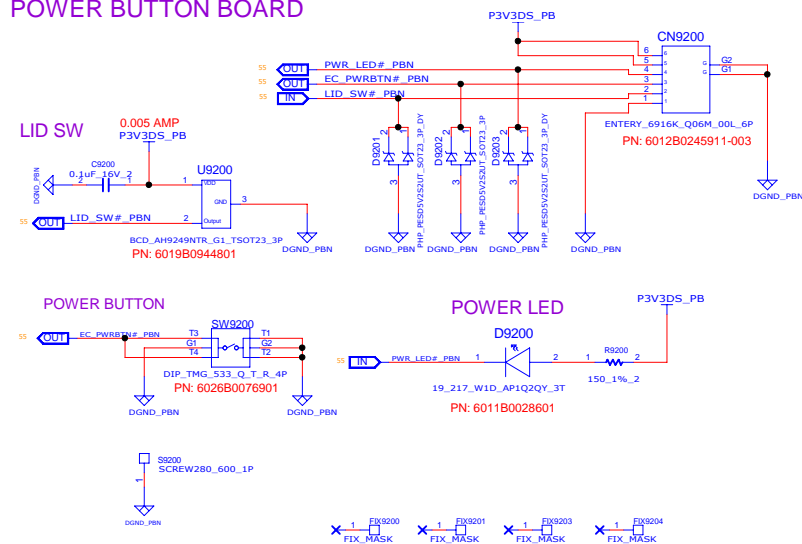


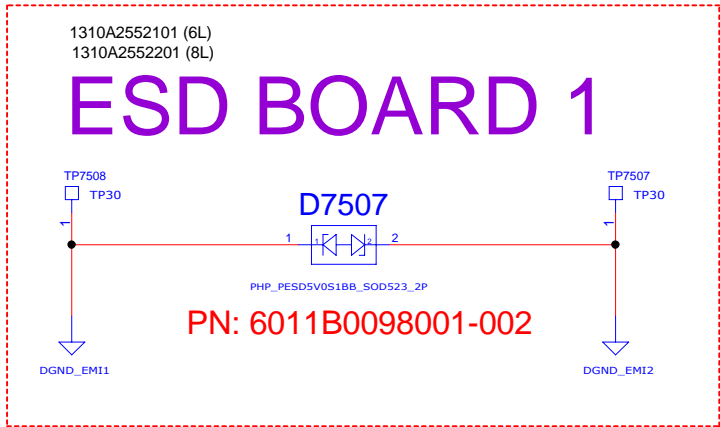
INVENTEC

TITLE			
MODEL, PROJECT, FUNCTION			
Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310xxxxx-0-0	REV X01
SHEET 54 of 58			

CHANGE by XXX DATE 21-OCT-2002

## POWER BUTTON BOARD





USB BOARD (6L)	1310A2548501	6050A2548501
USB BOARD (8L)	1310A2548601	6050A2548601
POWER BOARD (6L)	1310A2548701	6050A2548701
POWER BOARD (8L)	1310A2548801	6050A2548801
EMI BOARD (6L)	1310A2552101 1310A2552102	6050A2552101
EMI BOARD (8L)	1310A2552201 1310A2552202	6050A2552201



CHIEF RIVER	DIS	NVIDIA N14P-GV2 (GEFORCE 630M)	4G	SAMSUNG K4W4G1646B-HC11	1310A2548303
CHIEF RIVER	DIS	NVIDIA N14P-GV2 (GEFORCE 630M)	2G	MICRON MT41K256M16HA-107G:E	1310A2548302
CHIEF RIVER	UMA	N/A	N/A	N/A	1310A2548201

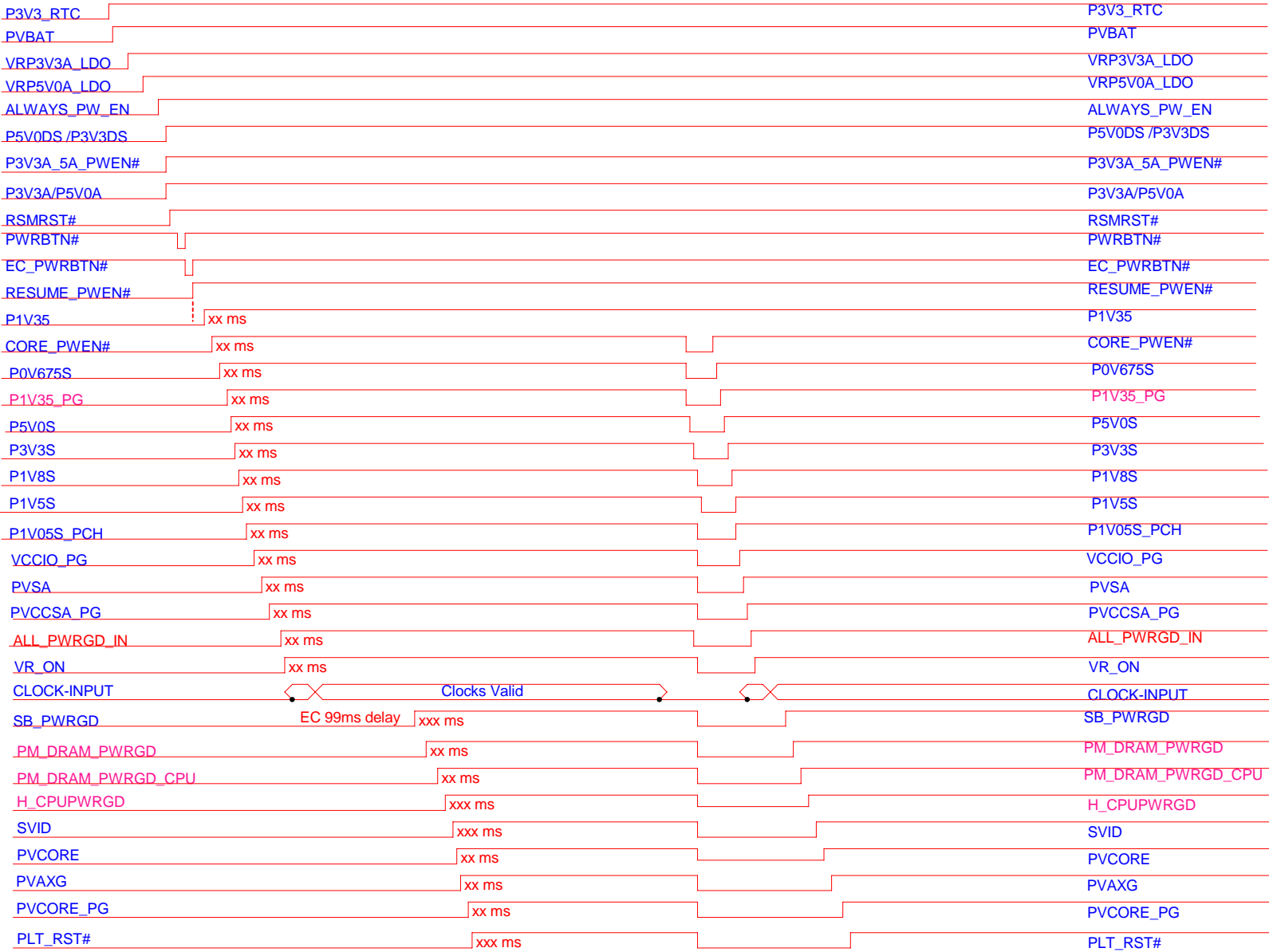
INVENTEC			
TITLE			
MODEL, PROJECT, FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310xxxxx-0-0	REV X01
CHANGE by XXX		DATE 21-OCT-2002	SHEET 56 of 58



POWE UP

S5----->S0

S3



S3 TO DEEP S3

DEEP S3 TO S0

