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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-UMA-MV-0118

2013.01.18

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
Q301	2nd : 6015B0142901	DIODES	DMN65D8LV-7	MM3
U301	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
18-DEC-2012		
DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC			
DESIGN	Abel				TITLE MODEL,PROJECT,FUNCTION Main Board			
CHECK	Alan							
RESPONSIBLE	Alan							
SIZE+ _____				VER:	SIZE	CODE	DOC NUMBER	REV
FILE NAME:					C	CS	1310A2548201	A02
PN	Winbond - 1.0p				SHEET		1 of 58	

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6 CHARGER  
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8 PVDDQ  
9 P1V0S\_VCCP  
10 P1V8S  
11 P1V5S  
12 PVSA  
13 PVCORE1  
14 PVCORE2  
15 POWER TO EE PORT & EMI PART  
16 P5V0S & P3V3S  
17 CPU1  
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19 CPU3  
20 CPU4  
21 CPU5  
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24 DDR3-1  
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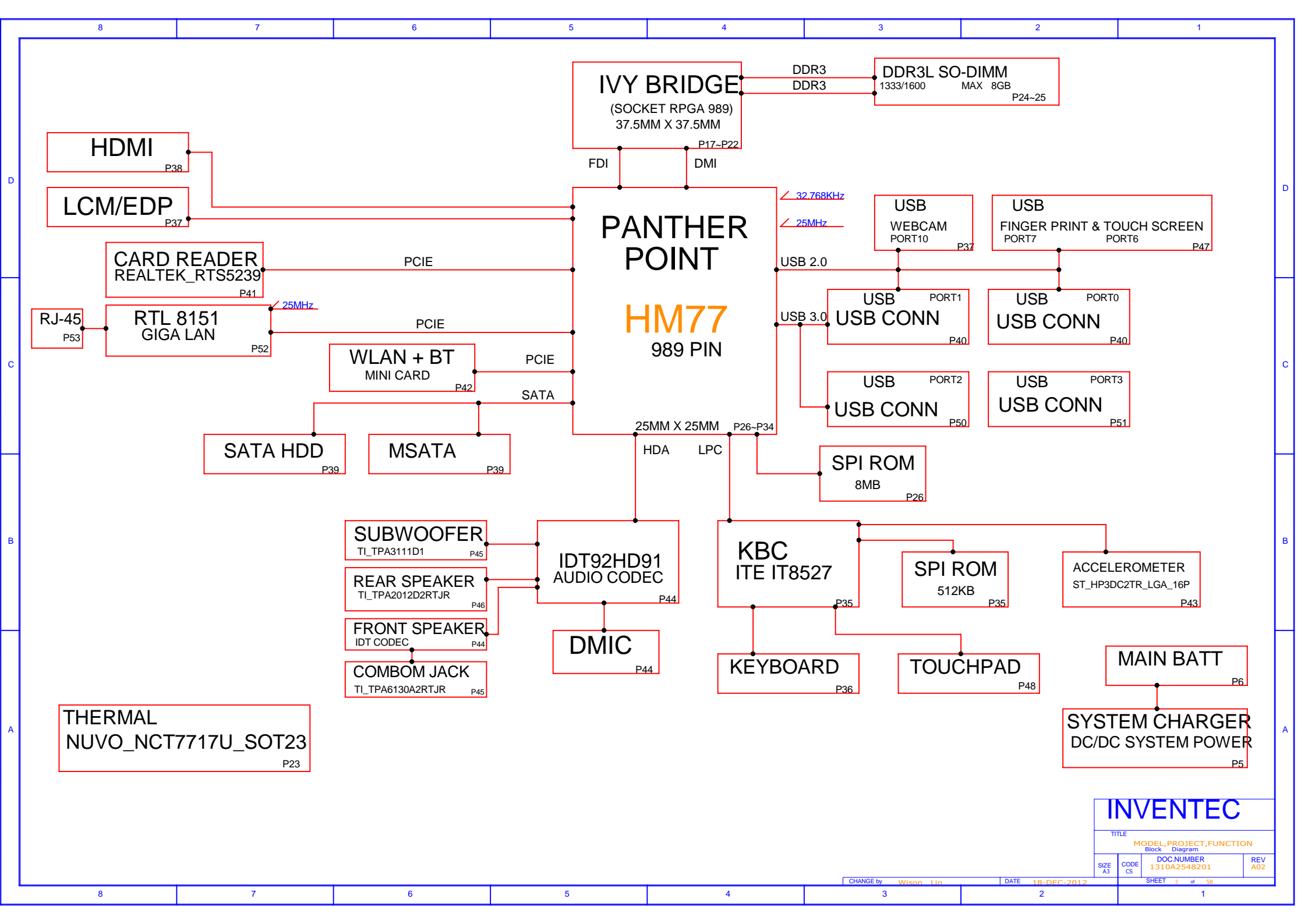
26 PCH1 RTC,HDA,SPI,LPC.SATA  
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28 PCH3 DMI,FDI,SPM  
29 PCH4 LVDS,CRT  
30 PCH5 PCI,USB  
31 PCH6 GPIO,CPU/MISC  
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INVENTEC

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SIZE	CODE	DOC NUMBER	REV
A3	CS	1310A2548201	A02

CHANGE by Wison Lin DATE 18-DEC-2012 SHEET 2 of 58



INVENTEC

TITLE

MODEL, PROJECT, FUNCTION

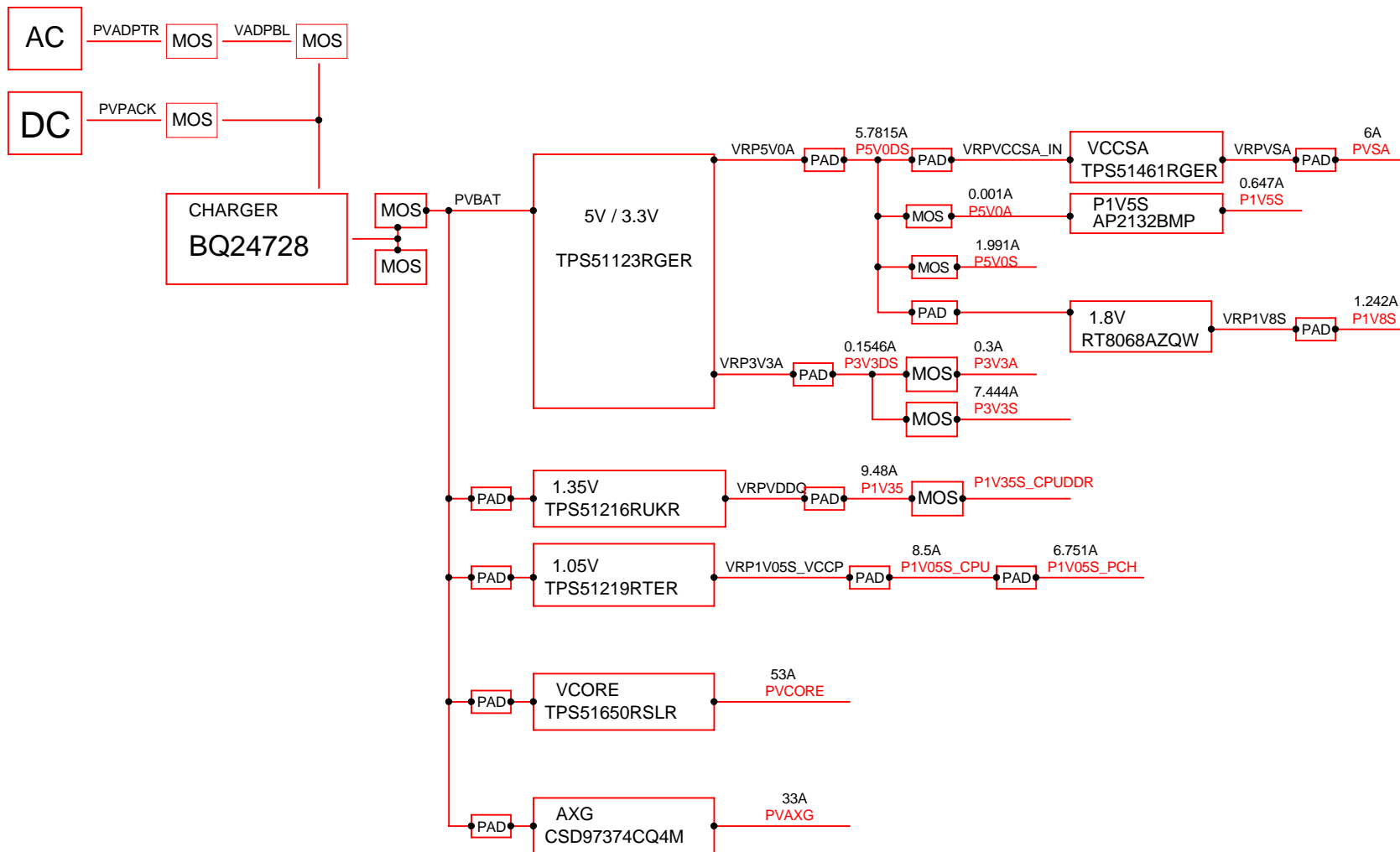
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REV

SIZE A3 CODE CS

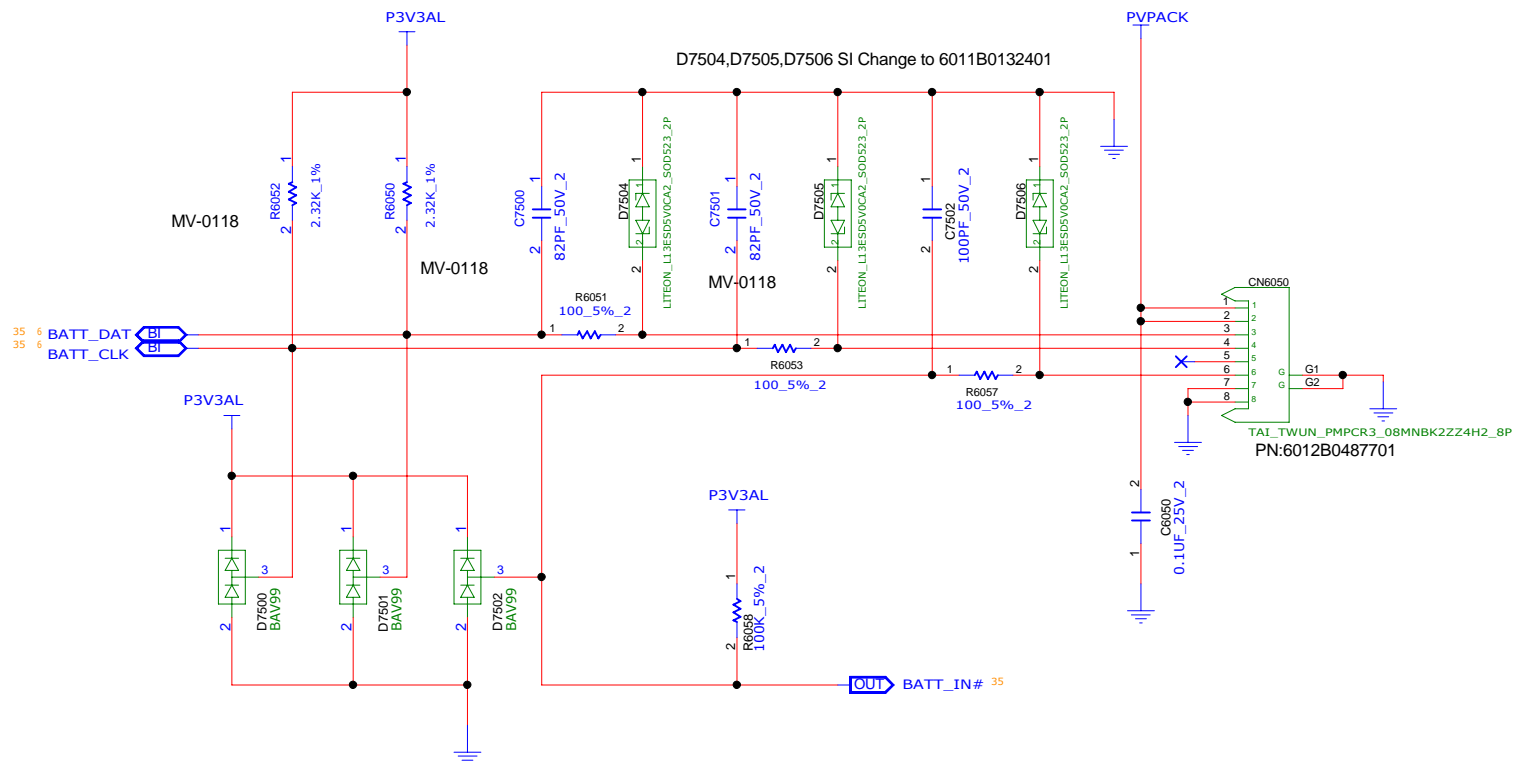
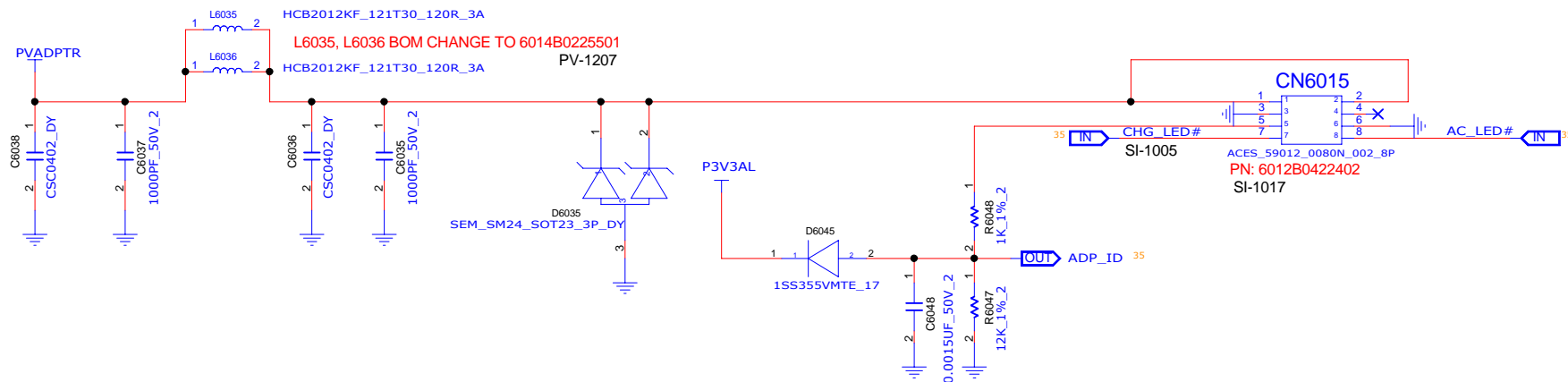
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INVENTEC			
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POWER PROCEDURE			
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CHANGE by: Wilson Lin DATE: 18-DEC-2012



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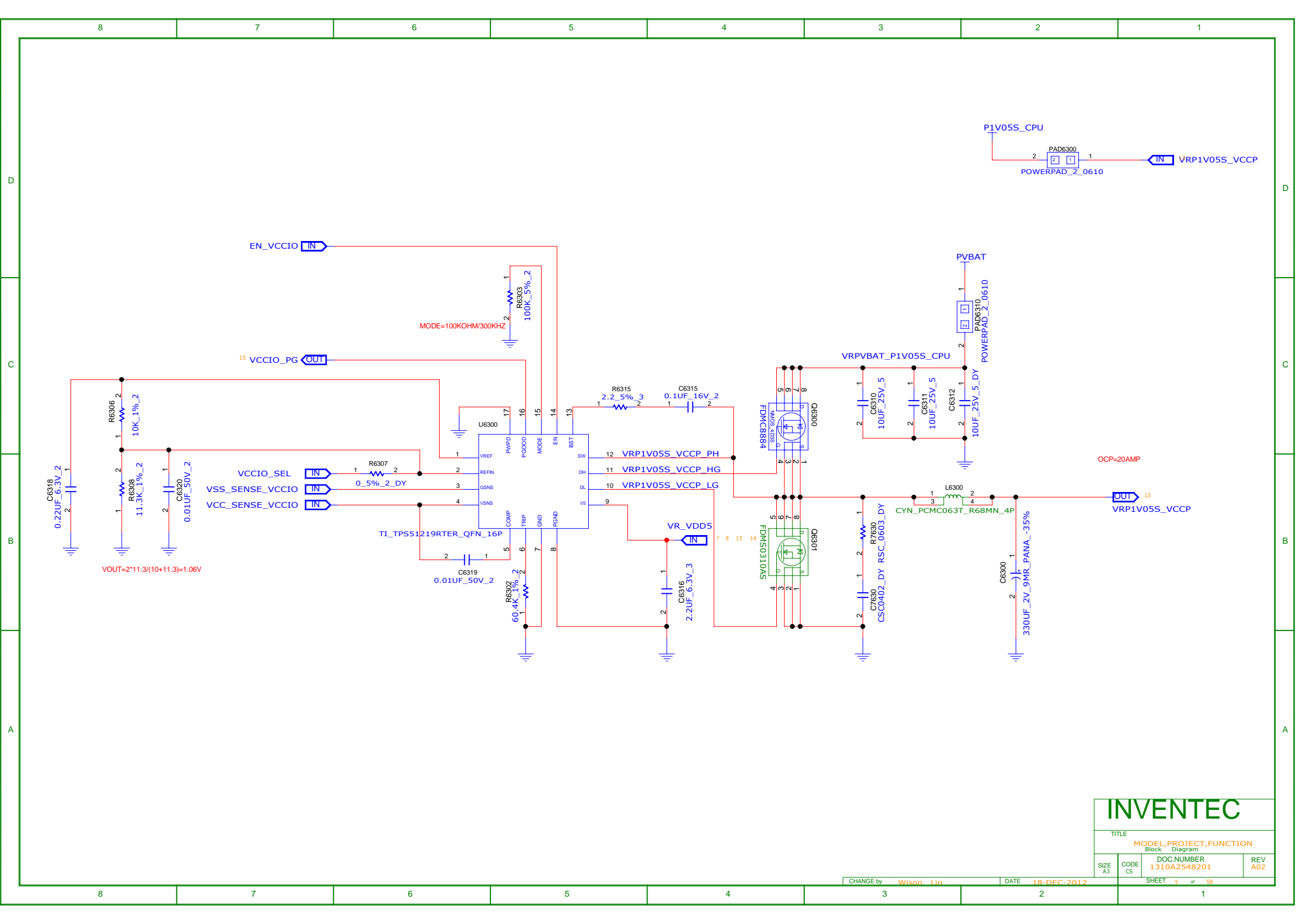
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MODEL,PROJECT,FUNCTION			
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SIZE A3	CODE CS	DOC NUMBER 1310A2548201	REV A02











D

C

B

A

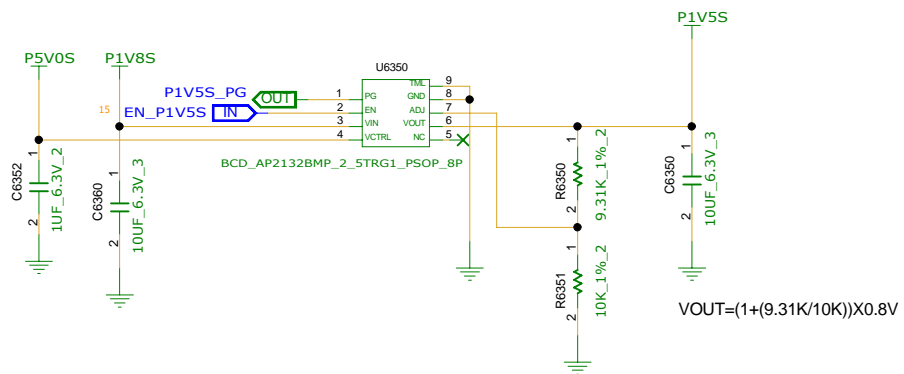
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C

B

A





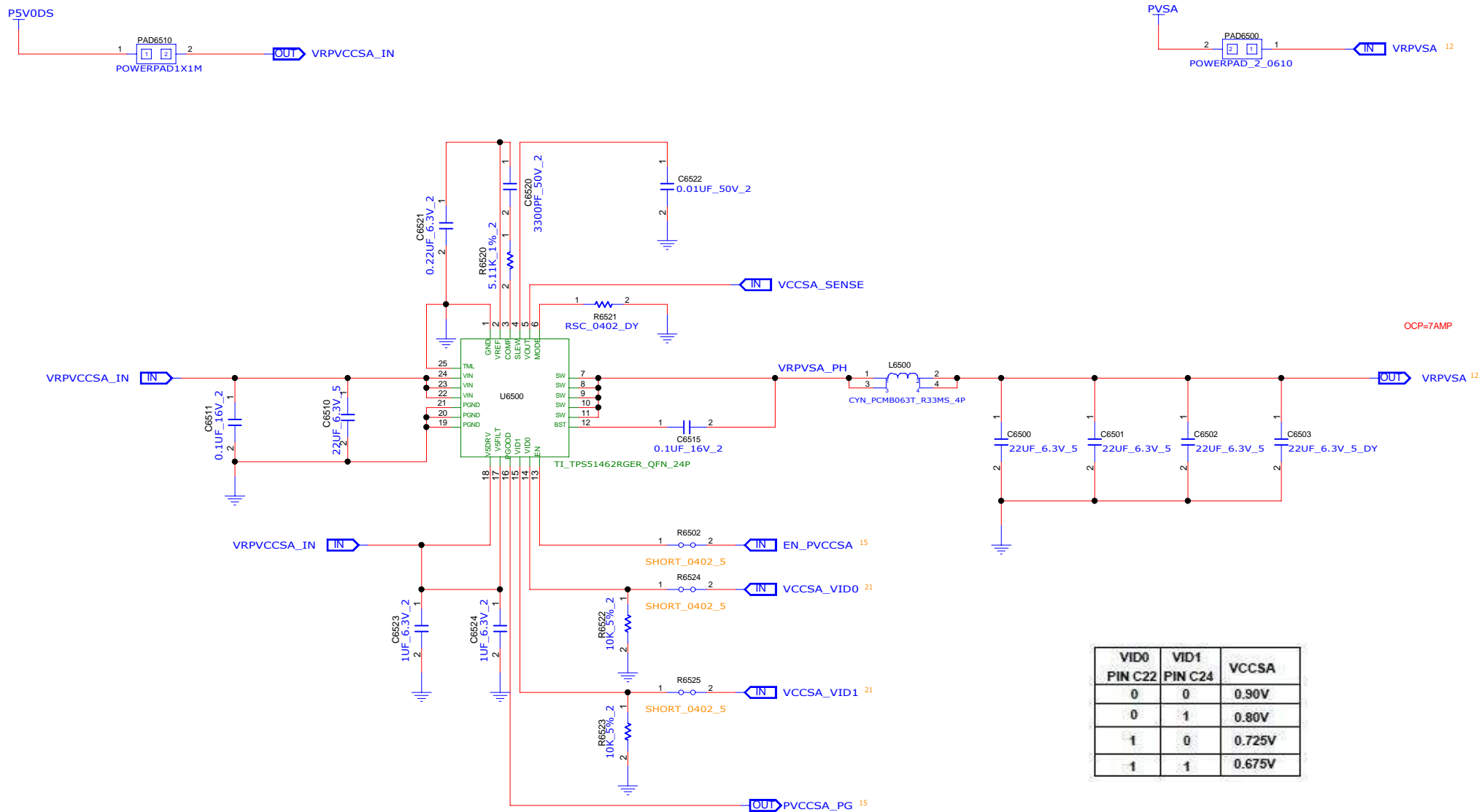
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TITLE  
MODEL,PROJECT,FUNCTION  
Block Diagram

SIZE A3	CODE CS	DOC NUMBER 1310A2548201	REV A02
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INVENTEC

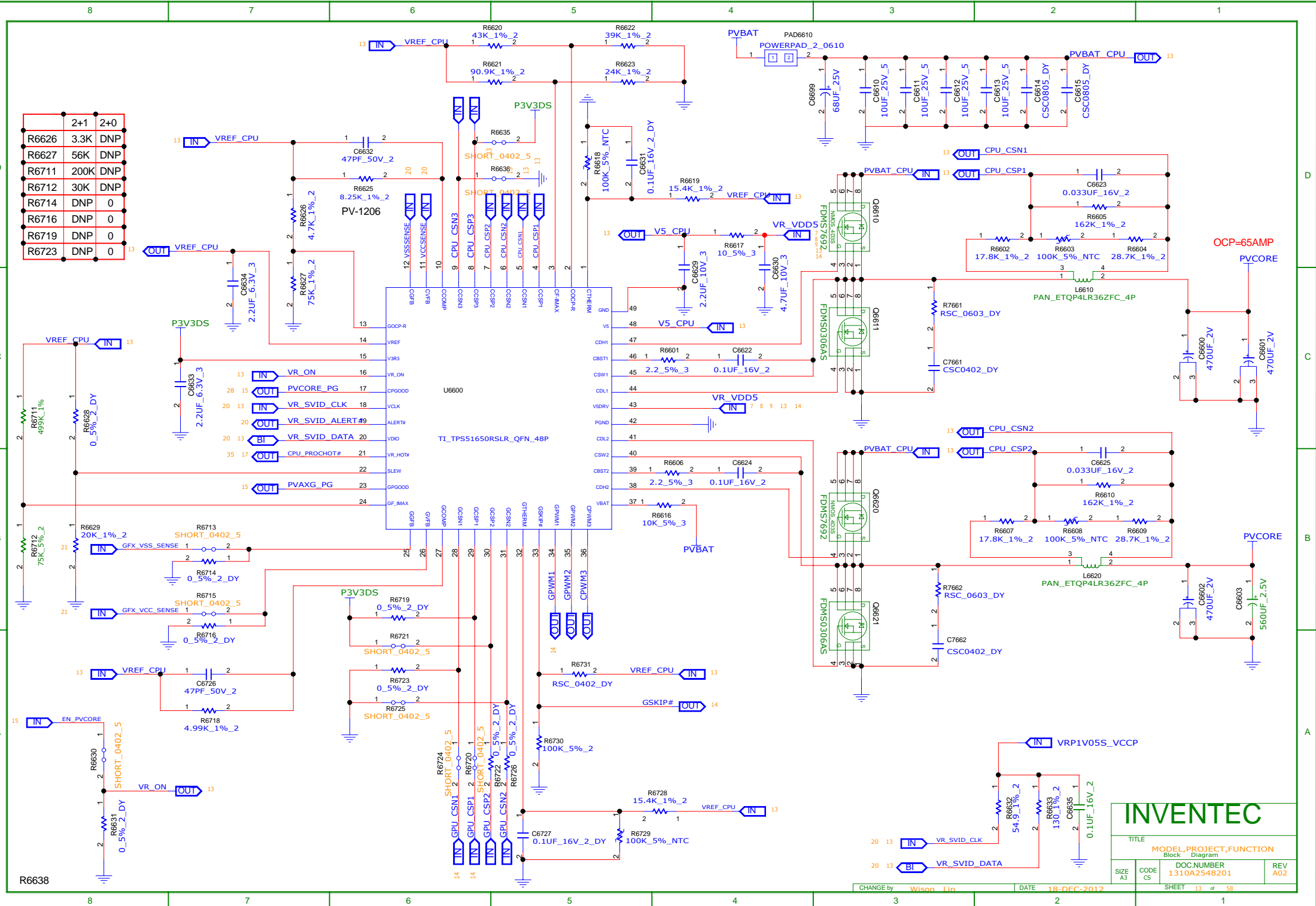
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MODEL, PROJECT, FUNCTION  
Block Diagram

SIZE CODE DOC NUMBER REV  
A3 CS 1310A2548201 A02

CHANGE by Wison Lin DATE 18-DEC-2012

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	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

TITLE	MODEL PROJECT FUNCTION
1. <b>Project Overview</b>	1. <b>Project Overview</b>
2. <b>Project Objectives</b>	2. <b>Project Objectives</b>
3. <b>Project Scope</b>	3. <b>Project Scope</b>
4. <b>Project Organization</b>	4. <b>Project Organization</b>
5. <b>Project Schedule</b>	5. <b>Project Schedule</b>
6. <b>Project Budget</b>	6. <b>Project Budget</b>
7. <b>Project Risk Management</b>	7. <b>Project Risk Management</b>
8. <b>Project Communication</b>	8. <b>Project Communication</b>
9. <b>Project Monitoring and Control</b>	9. <b>Project Monitoring and Control</b>
10. <b>Project Closure</b>	10. <b>Project Closure</b>

SIZE	CODE	DOC.NUMBER 1310A3E48201
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REV  
A02

CHANGE by	Wison Lin	DATE	18-DEC-2012
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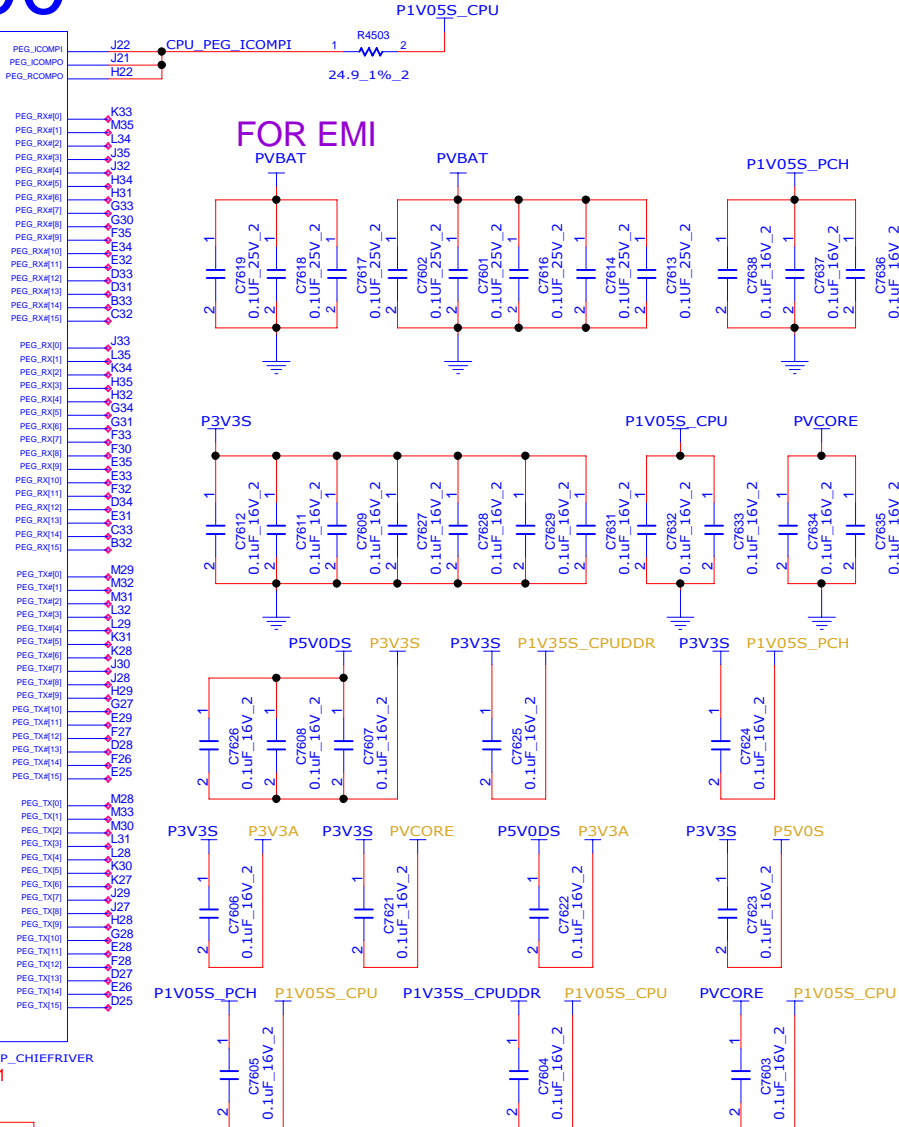
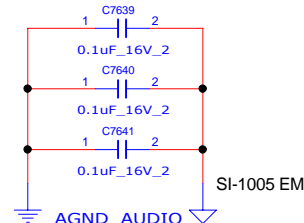
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FOX\_PZ98927\_3641\_41F\_Huronriver\_989P\_CHIEFRIVER  
CPU SOCKET, PN: 6026B0154901



FOX\_PZ98927\_3641\_41F\_Huronriver\_989P\_CHIEFRIVER  
CPU SOCKET, PN: 6026B0154901



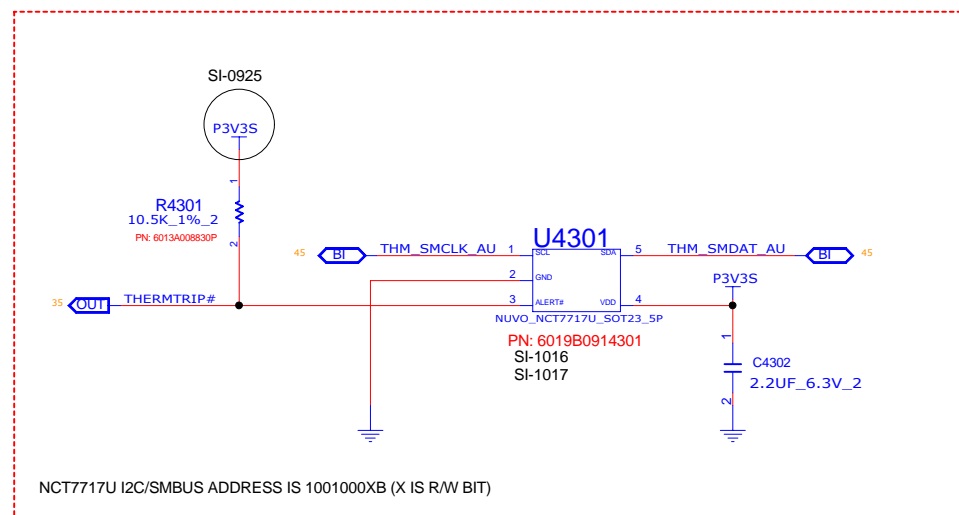
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				CPU = 2			
SIZE A3	CODE CS	DOC.NUMBER 1310A2548201				RE A0	
SHEET				10 of 60			



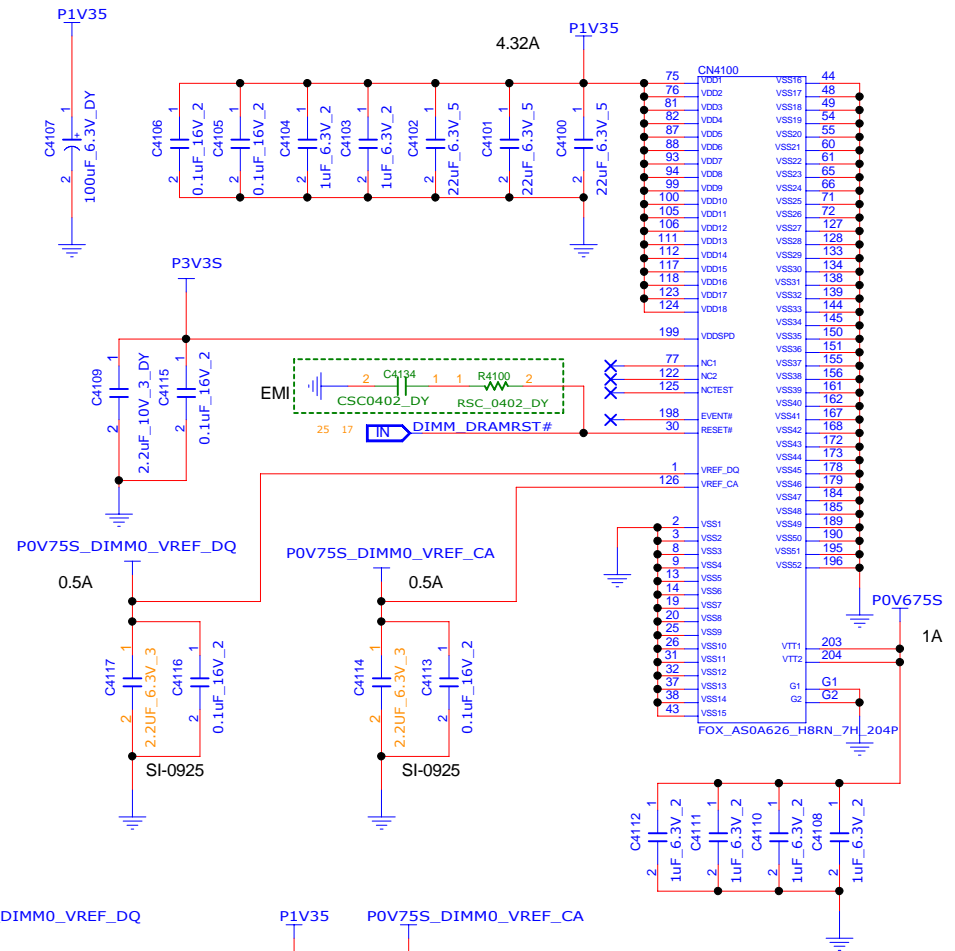
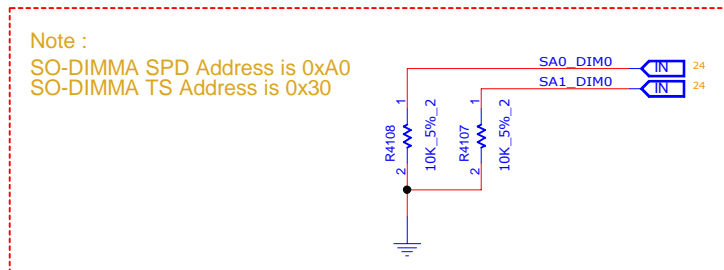








## SI-1012



SANDY BRIDGE + IVY BRIDGE DG4.14

SIZE A3	CODE CS	DOC.NUMBER 1310A2548201	RE A0
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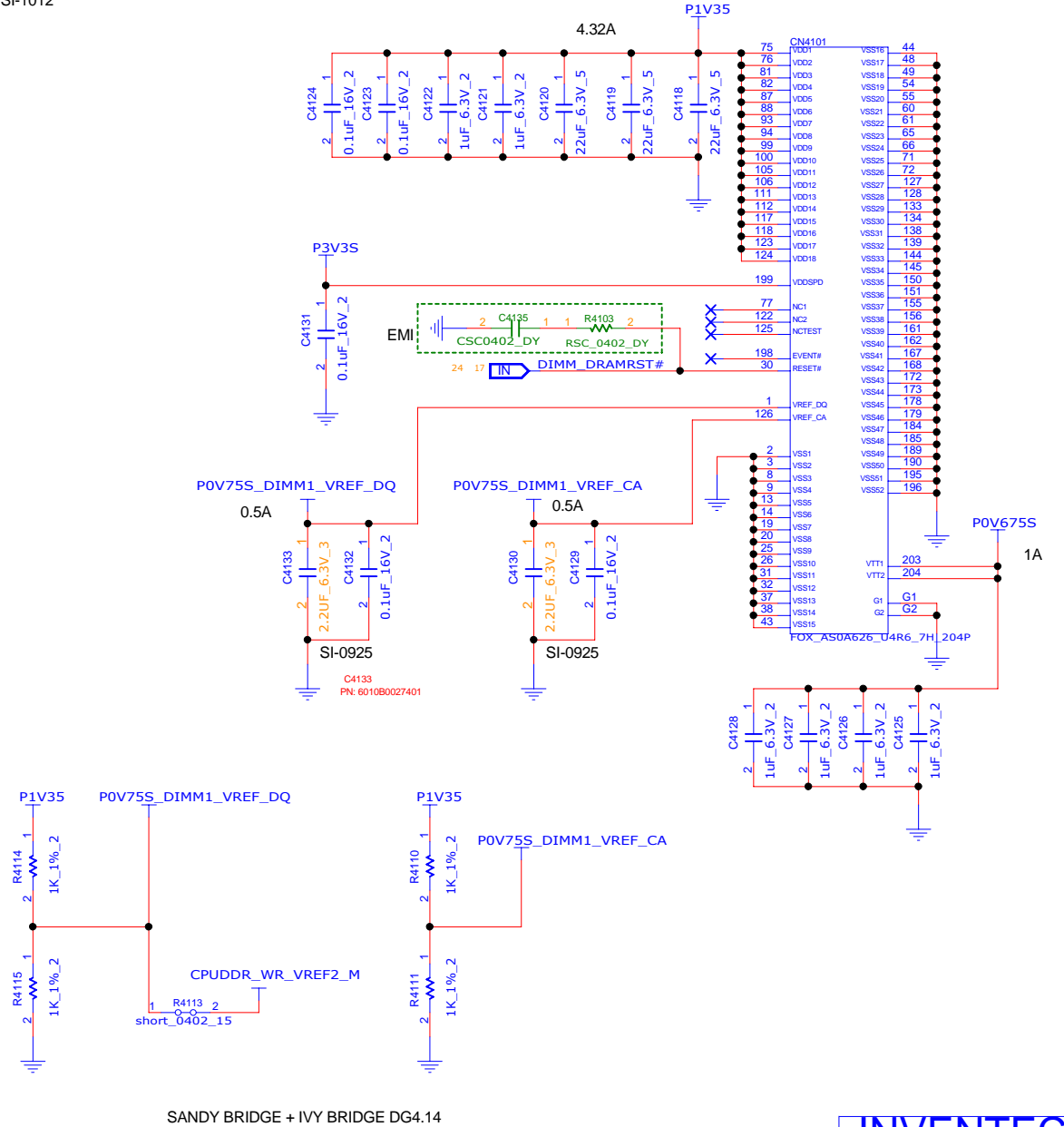
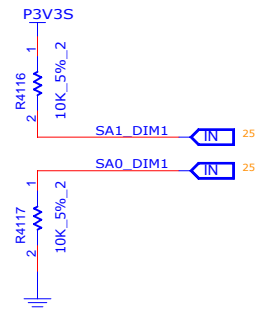
# DDR3 (4MM) P/N : 6026B0216701 BOM CHANGE TO 6026B0221601

SI-1012

19	BI	M B A<0>	98	CN4101	D00	5	M B DQ<0>	BI	19
19	BI	M B A<1>	97	A1	D01	7	M B DQ<1>	BI	19
19	BI	M B A<2>	96	A2	D02	15	M B DQ<7>	BI	19
19	BI	M B A<3>	95	A3	D03	17	M B DQ<3>	BI	19
19	BI	M B A<4>	92	A4	D04	4	M B DQ<4>	BI	19
19	BI	M B A<5>	91	A5	D05	16	M B DQ<5>	BI	19
19	BI	M B A<6>	90	A6	D06	18	M B DQ<6>	BI	19
19	BI	M B A<7>	86	A7	D07	21	M B DQ<8>	BI	19
19	BI	M B A<8>	89	A8	D08	23	M B DQ<9>	BI	19
19	BI	M B A<9>	85	A9	D09	33	M B DQ<10>	BI	19
19	BI	M B A<10>	107	A10_AP	D010	35	M B DQ<11>	BI	19
19	BI	M B A<11>	84	A11	D011	22	M B DQ<12>	BI	19
19	BI	M B A<12>	83	A12	D012	24	M B DQ<13>	BI	19
19	BI	M B A<13>	119	A13	D013	34	M B DQ<14>	BI	19
19	BI	M B A<14>	80	A14	D014	36	M B DQ<15>	BI	19
19	BI	M B A<15>	78	A15	D015	39	M B DQ<16>	BI	19
19	IN	M B BS0	109	BA0	D016	41	M B DQ<17>	BI	19
19	IN	M B BS1	108	BA1	D017	51	M B DQ<18>	BI	19
19	IN	M B BS2	79	BA2	D018	53	M B DQ<19>	BI	19
19	IN	M CS#2	114	SB0	D019	40	M B DQ<20>	BI	19
19	IN	M CS#3	121	SB1	D020	42	M B DQ<21>	BI	19
19	IN	M CLK DDR2 DP	101	CK0	D021	50	M B DQ<22>	BI	19
19	IN	M CLK DDR2 DN	103	CK0#	D022	52	M B DQ<23>	BI	19
19	IN	M CLK DDR3 DP	102	CK1	D023	57	M B DQ<24>	BI	19
19	IN	M CLK DDR3 DN	104	CK1#	D024	59	M B DQ<25>	BI	19
19	IN	M CKE2	73	CKE1	D025	67	M B DQ<26>	BI	19
19	IN	M CKE3	74	CKE2	D026	69	M B DQ<27>	BI	19
19	IN	M B CAS#	115	CAS#	D027	56	M B DQ<28>	BI	19
19	IN	M B RAS#	110	RAS#	D028	58	M B DQ<29>	BI	19
19	IN	M B WE#	113	WE#	D029	68	M B DQ<31>	BI	19
25	IN	SA0_DIM1	197	SA0	D030	70	M B DQ<30>	BI	19
25	IN	PCH_3S_SMCLK	202	SA1	D031	129	M B DQ<36>	BI	19
27	IN	PCH_3S_SMDAT	200	SCL	D032	131	M B DQ<37>	BI	19
27	IN			SDA	D033	141	M B DQ<34>	BI	19
19	IN	M ODT2	116	ODT0	D034	143	M B DQ<35>	BI	19
19	IN	M ODT3	120	ODT1	D035	130	M B DQ<32>	BI	19
19					D036	132	M B DQ<33>	BI	19
19					D037	140	M B DQ<39>	BI	19
19					D038	142	M B DQ<38>	BI	19
19					D039	147	M B DQ<41>	BI	19
19					D040	149	M B DQ<42>	BI	19
19					D041	157	M B DQ<46>	BI	19
19					D042	159	M B DQ<45>	BI	19
19					D043	146	M B DQ<44>	BI	19
19					D044	148	M B DQ<40>	BI	19
19					D045	158	M B DQ<43>	BI	19
19					D046	160	M B DQ<47>	BI	19
19					D047	163	M B DQ<48>	BI	19
19	IN	M B DQS0 DP	12	DQS0	D048	165	M B DQ<53>	BI	19
19	IN	M B DQS1 DP	29	DQS1	D049	175	M B DQ<54>	BI	19
19	IN	M B DQS2 DP	47	DQS2	D050	177	M B DQ<55>	BI	19
19	IN	M B DQS3 DP	64	DQS3	D051	164	M B DQ<49>	BI	19
19	IN	M B DQS4 DP	137	DQS4	D052	166	M B DQ<52>	BI	19
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19	IN	M B DQS6 DP	171	DQS6	D054	176	M B DQ<50>	BI	19
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19	IN	M B DQS2 DN	45	DQS2#	D058	193	M B DQ<63>	BI	19
19	IN	M B DQS3 DN	62	DQS3#	D059	180	M B DQ<57>	BI	19
19	IN	M B DQS4 DN	135	DQS4#	D060	182	M B DQ<56>	BI	19
19	IN	M B DQS5 DN	152	DQS5#	D061	192	M B DQ<59>	BI	19
19	IN	M B DQS6 DN	169	DQS6#	D062	194	M B DQ<60>	BI	19
19	IN	M B DQS7 DN	186	DQS7#	D063			BI	19

FOX\_AS0A626\_U4R6\_7H\_204P

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

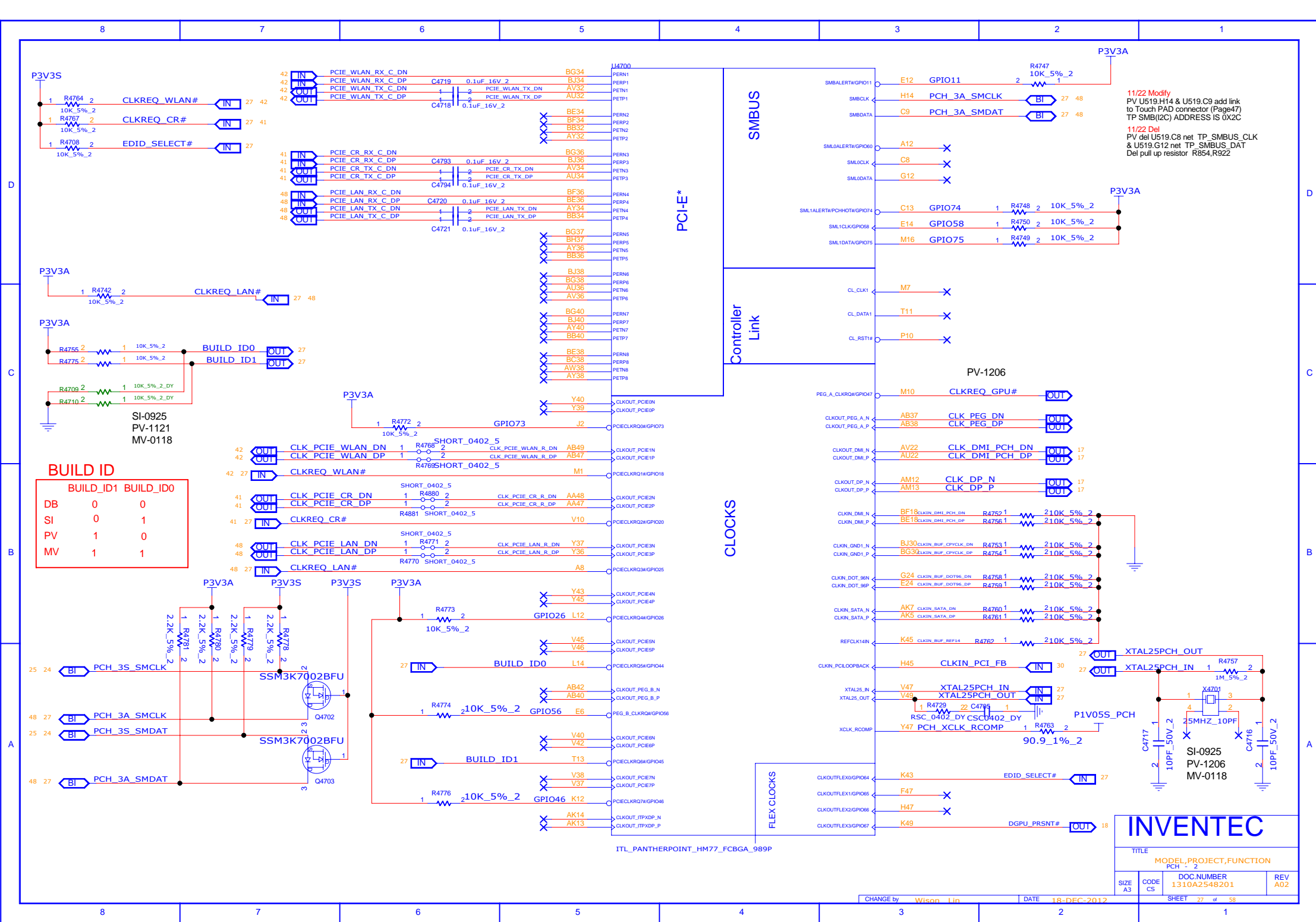


SANDY BRIDGE + IVY BRIDGE DG4.14

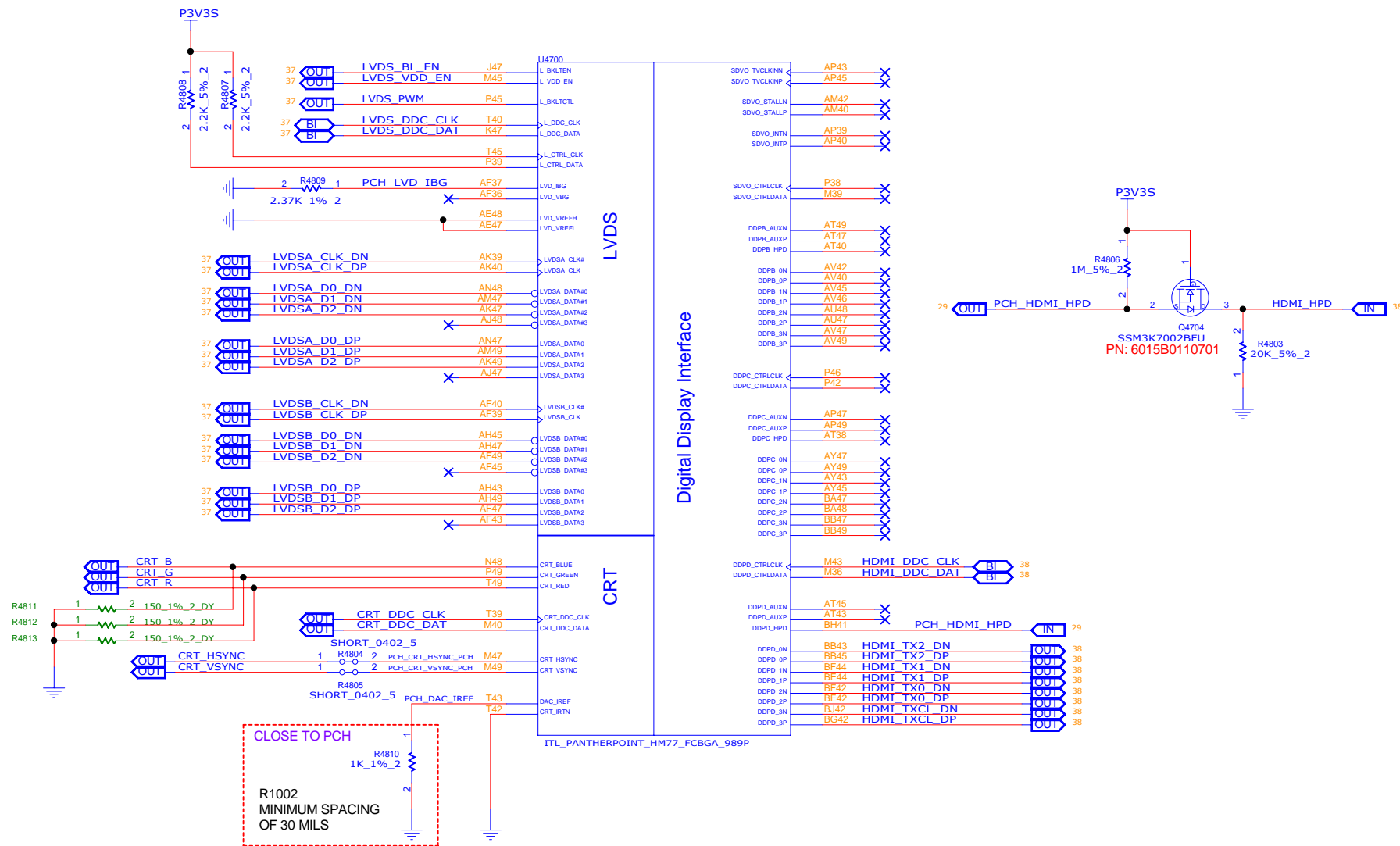
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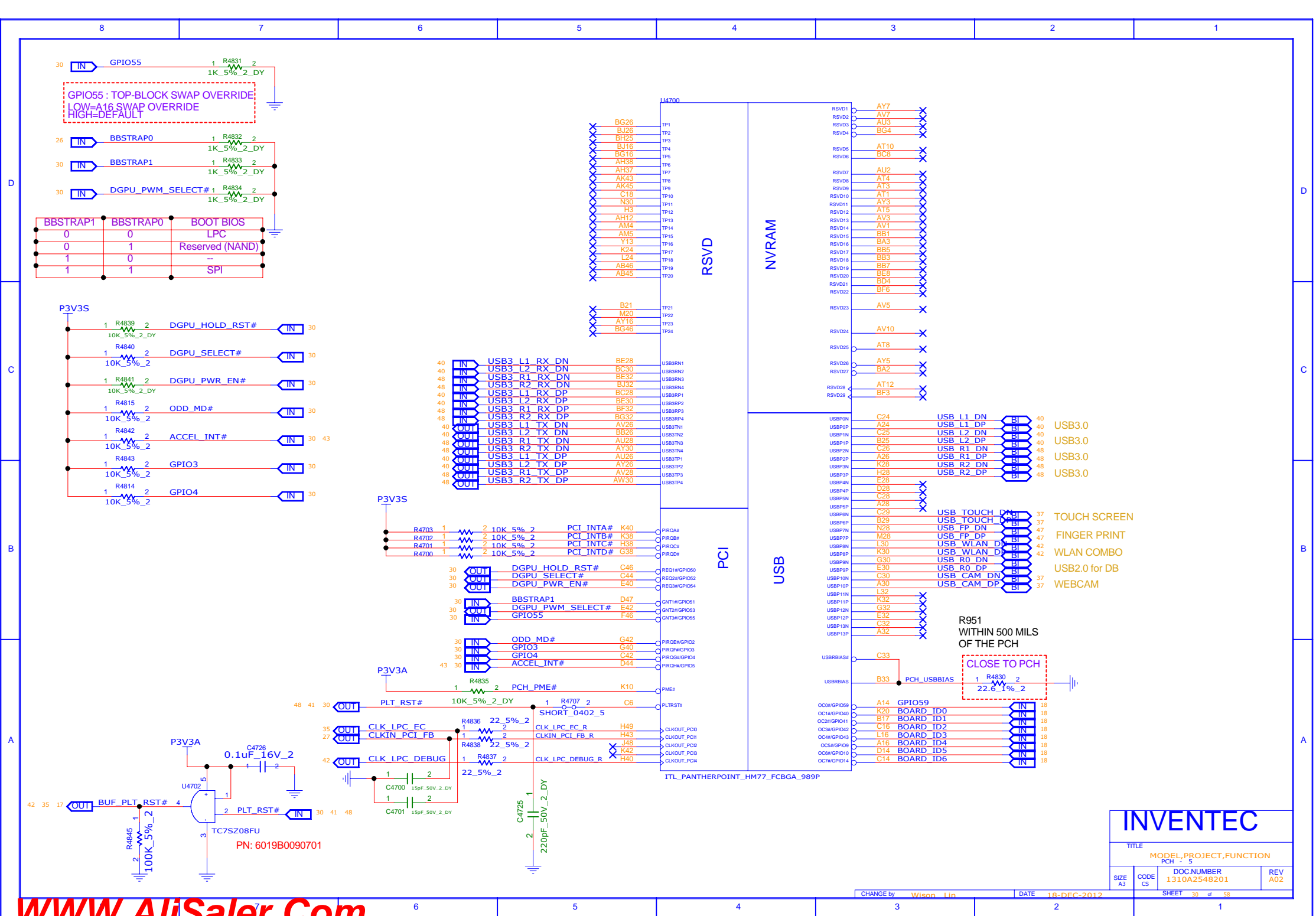
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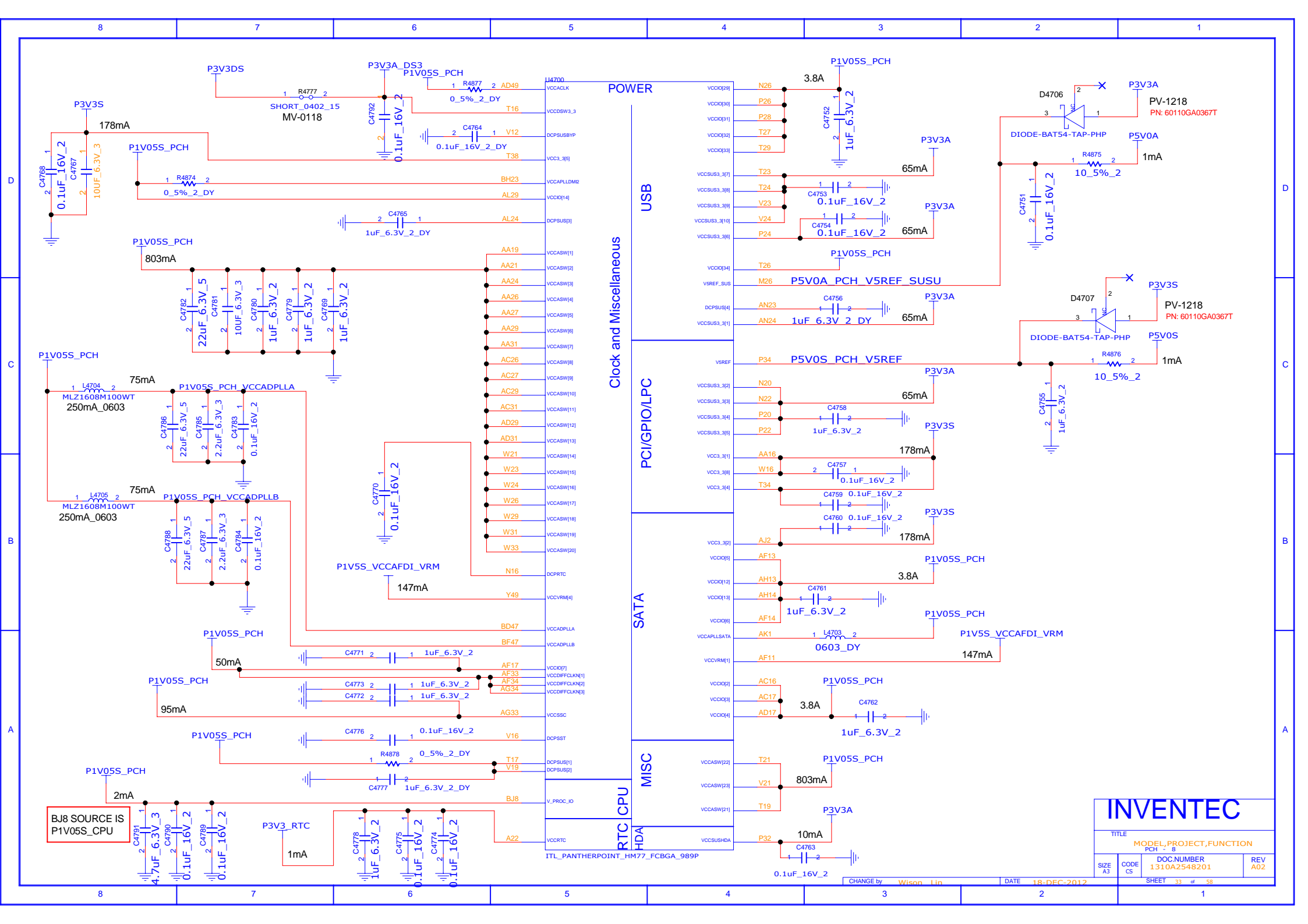












POWER

USB

Clock and Miscellaneous

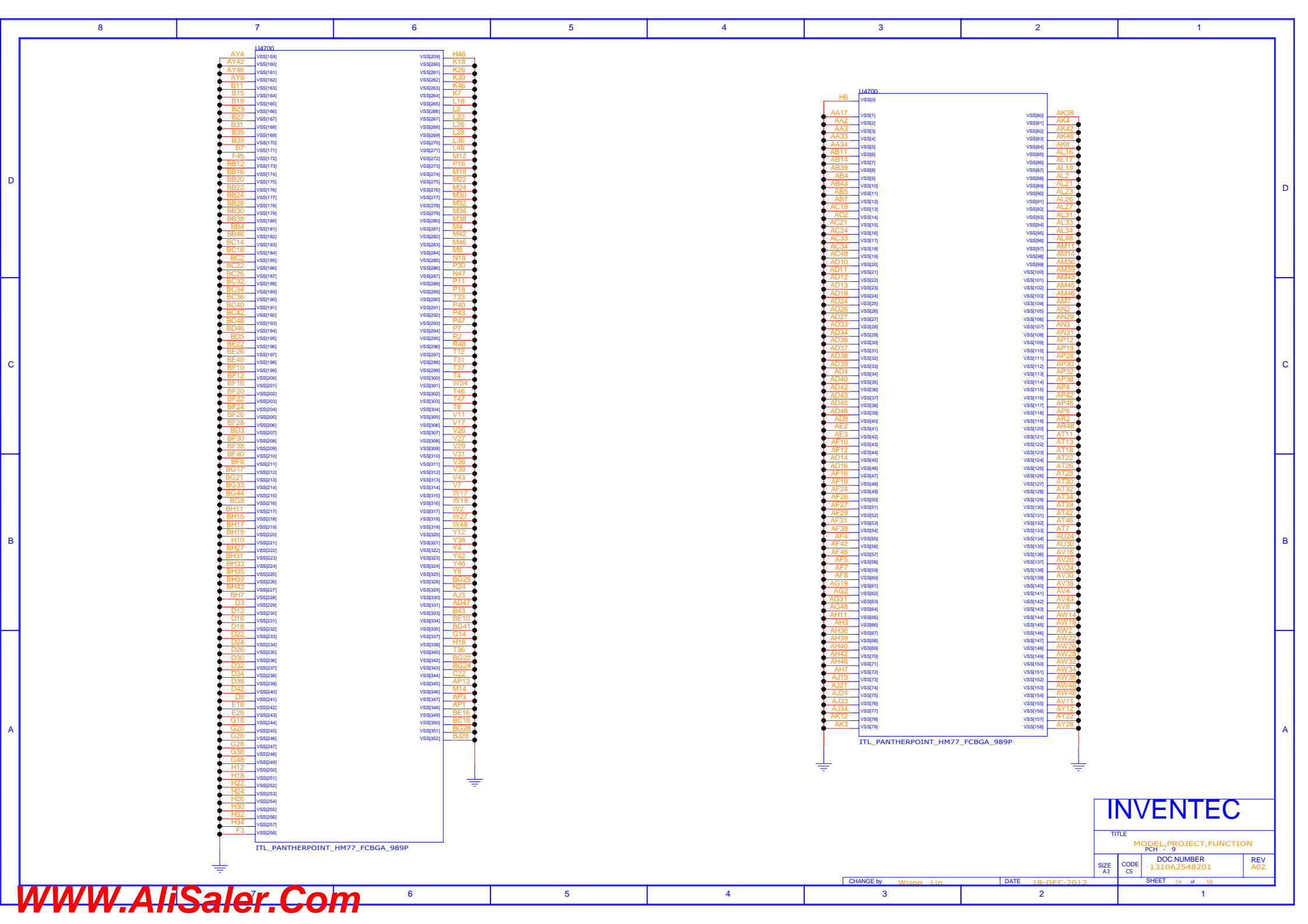
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SATA

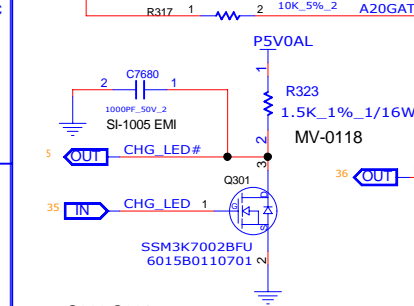
MISC

RTC CPU

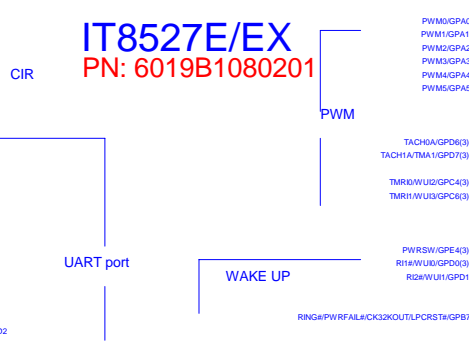
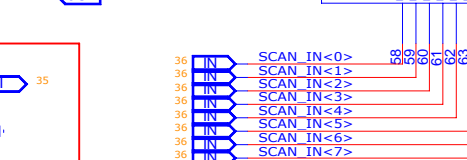
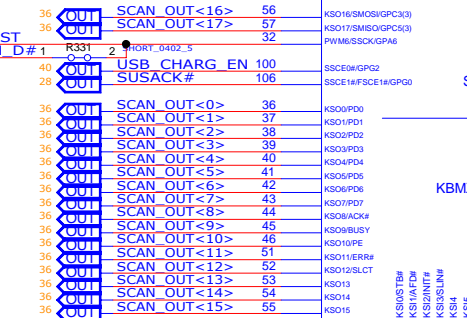
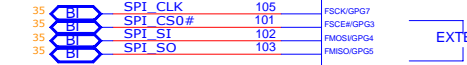
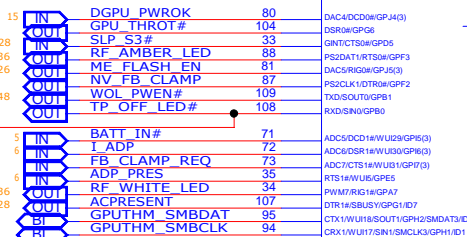
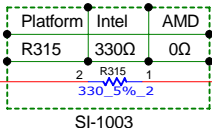
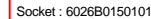
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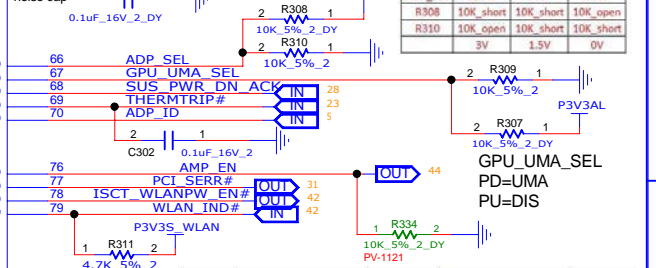
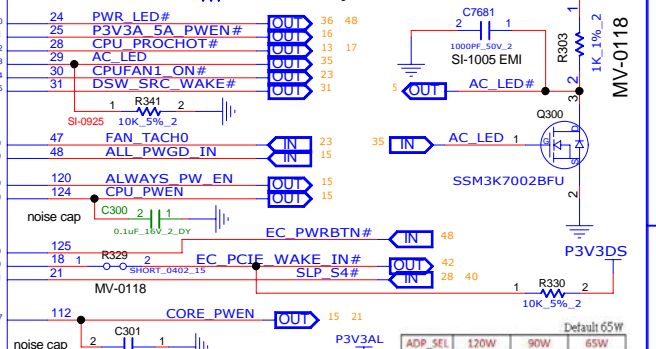
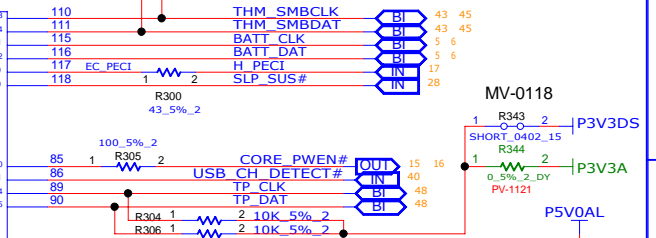
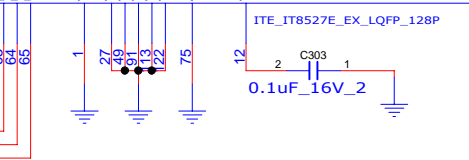
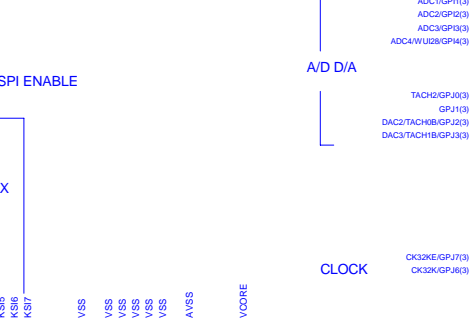
D300  
PN: 60110GA0367T



2KB EC ROM  
X25L512EMI-10G : 6019B0932401 - 1st  
T25F512B\_SSH\_T : 6019B0816001 - 2nd

[illegible]

## INTERNAL SERIAL FLASH

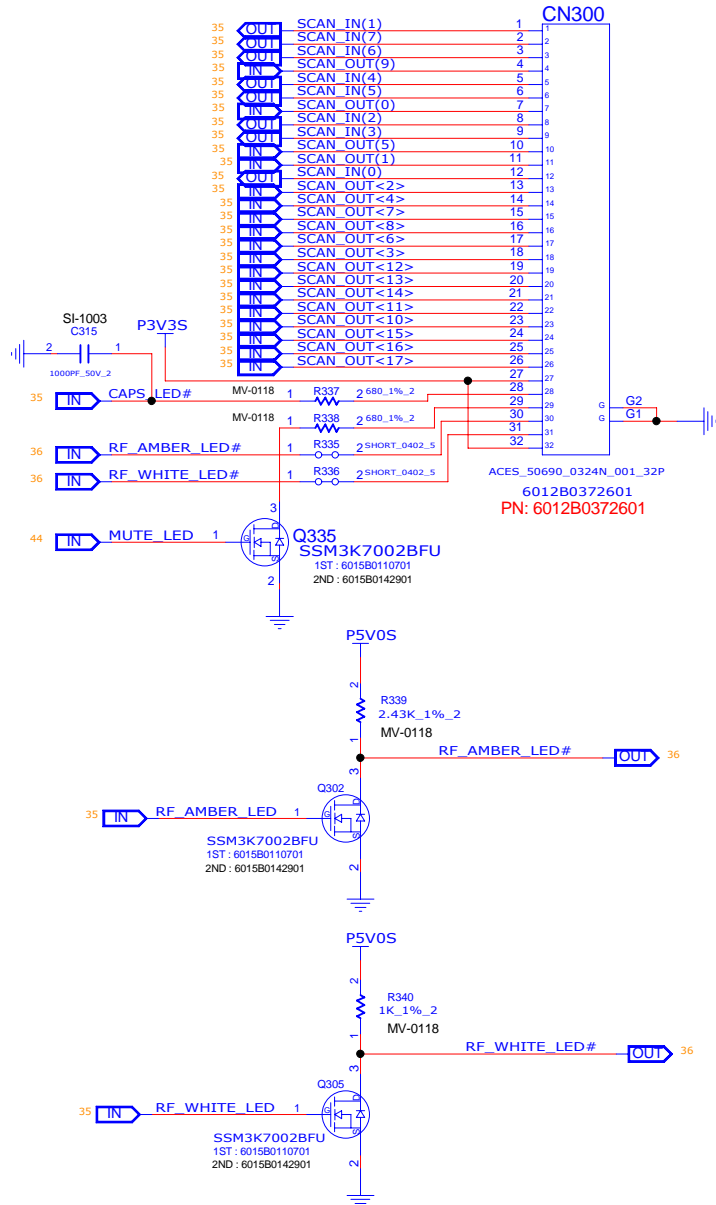


Location	Part number	Factory	Manufacturer Part No	Marking
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	2nd: 60110GA0367T	NXP	BAT54	N4
Q301	1st: 6015B0110701	TOSHIBA	SSM3K7002BFU	LM
Q301	2nd: 6015B0142901	DIODES	DMN65D8LW-7	MM3
	3rd: 6019B0932401	MXIC	MX25L512EM-10G	
512KB	2nd: 6019B0816001	ATMEL	AT75S128-S5H-T	
301	1st: 6019B0108101	WINBOND	W25Q32FVSSIG	
4MB	2nd: 6019B0794701	MXIC	MX25L3206M21-12G	
301	1st: 6019B0955901	WINBOND	W25Q64FVSSIG	
8MB	2nd: 6019B0813101	MXIC	MX25L6406M21-12G	

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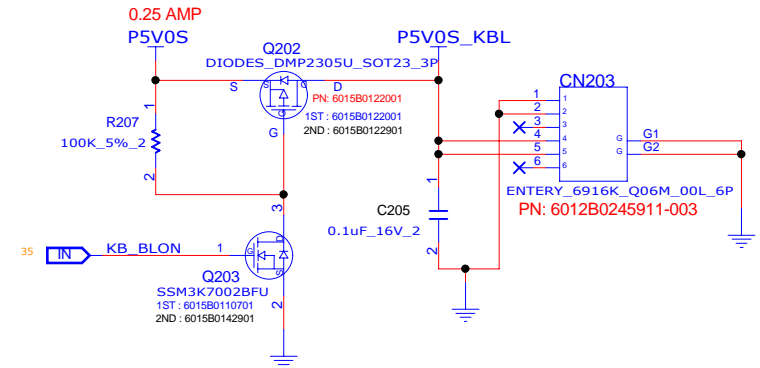
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## KEYBOARD CONN(32 PIN)



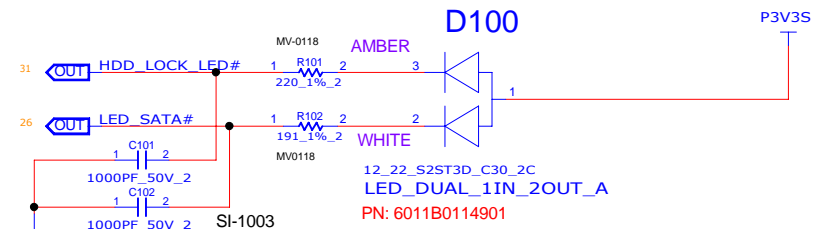
CONNECTOR KEY BOARD 200~299

## KEYBOARD BACKLIGHT

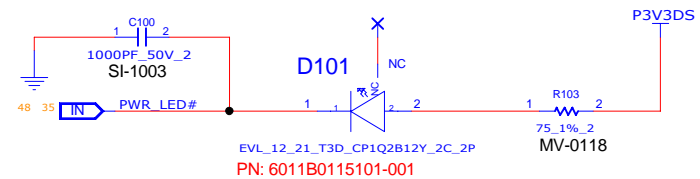


LED 100~199

## HDD LED



## POWER LED



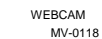
INVENTEC

TITLE			
MODEL PROJECT,FUNCTION			
KB_CONN & LED			
SIZE A3	CODE CS	DOC NUMBER 1310A2548201	REV A02

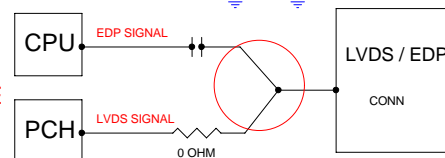
CHANGE by Wison Lin DATE 18-DEC-2012

SHEET 36 of 58

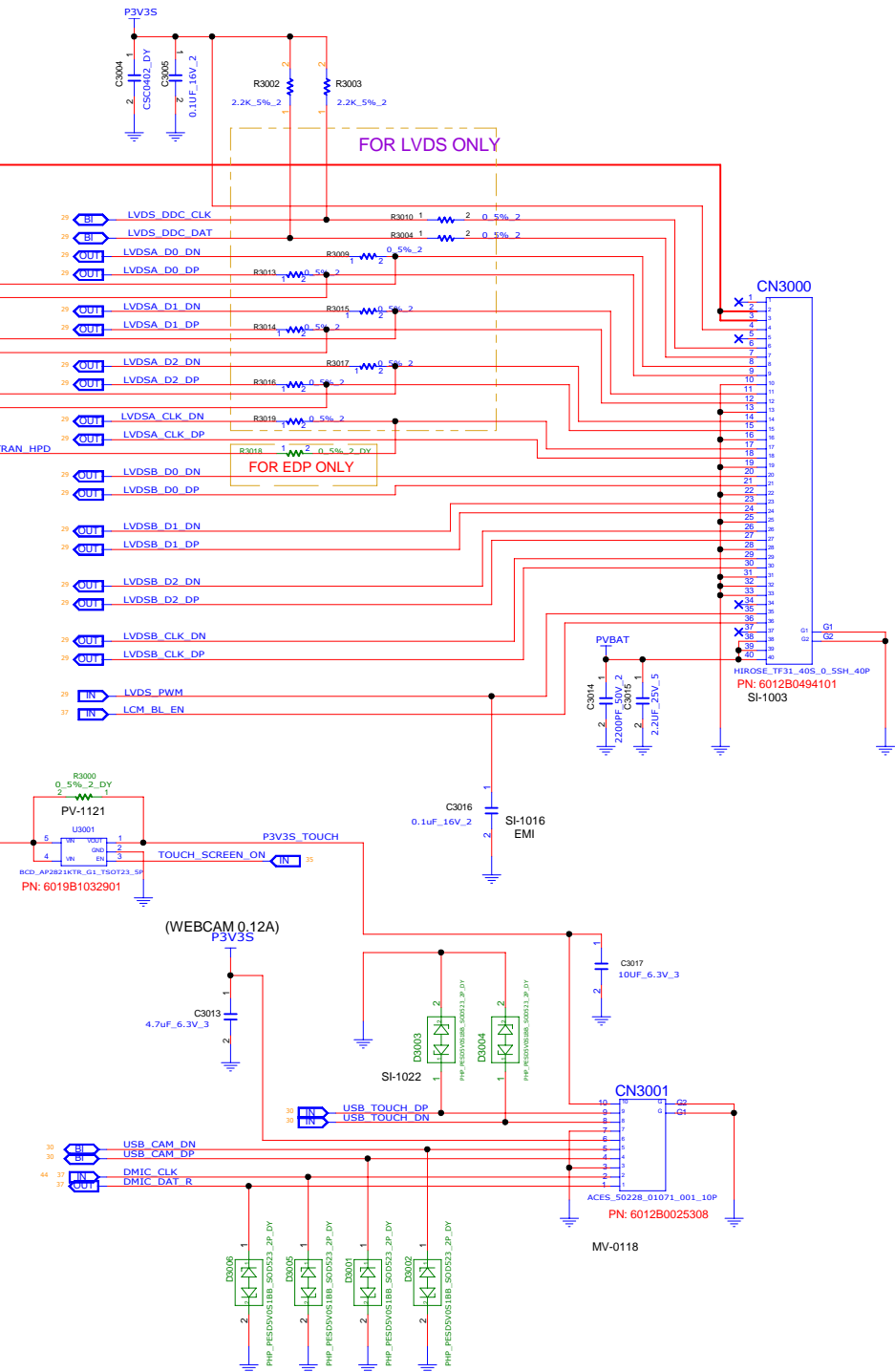
LOCATION 3000~3049  
VER.01\_20120822



**NOTE :**  
LAYOUT TRACE AS SHORTER AS POSSIBLE



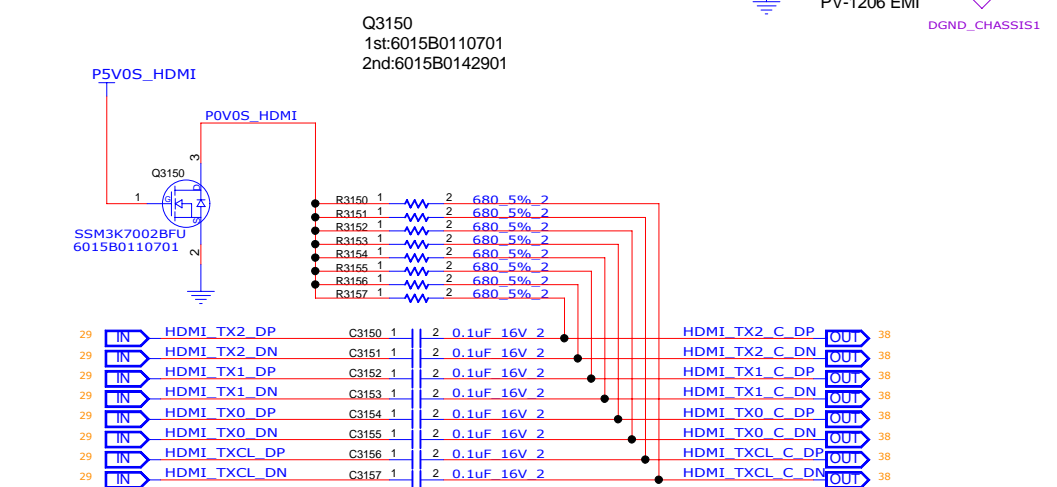
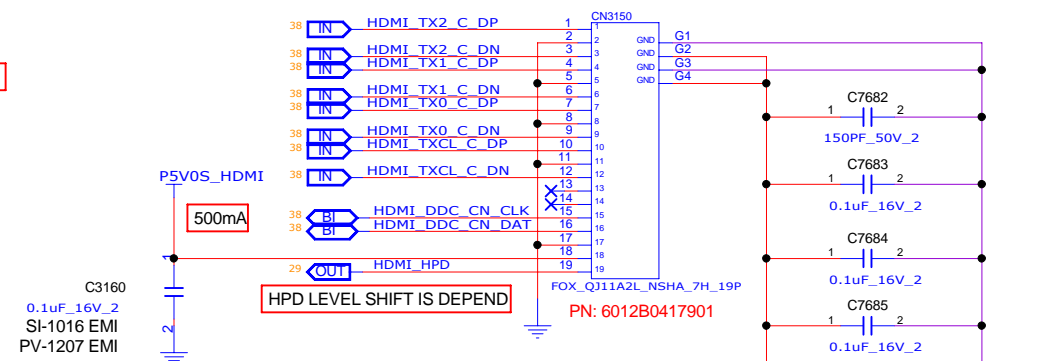
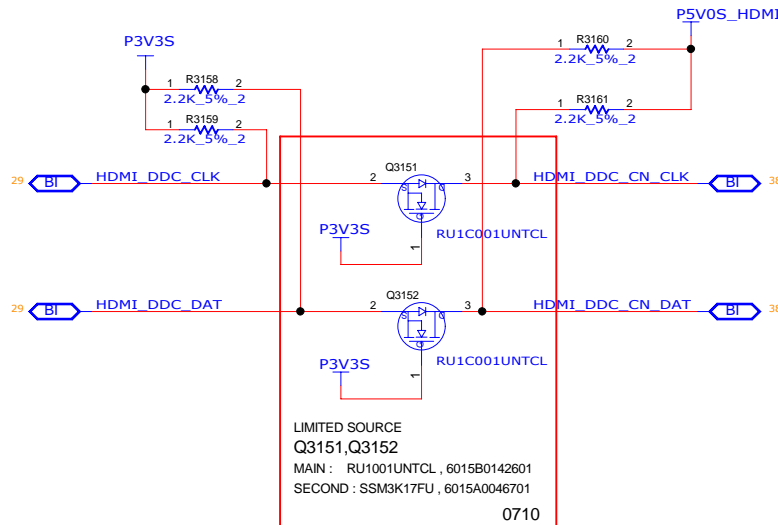
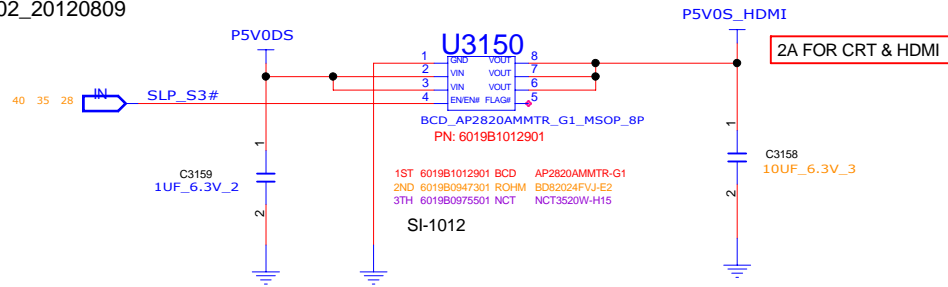
CO-LAYOUT	LVDS	EDP
Q4900, R4901	×	○
R4600	×	○
R4500, R4523	○	×
R4524, R4525	×	○
C3006, C3007, C3009 C3010, C3011, C3012	×	○
R3018	×	○
R4727, R4882	×	○
C4730, C4731, C4732 L4701, R4728, C4796	○	×
R4807, R4808	○	×
R3002, R3003, R3004 R3009, R3010, R3013 R3014, R3015, R3016 R3017, R3019	○	×



## WEBCAM+TOUCHN SCREEN

# 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

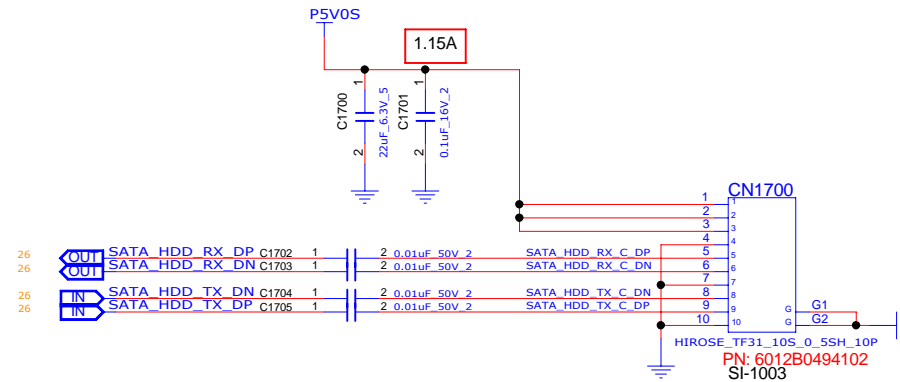
TITLE			
MODEL,PROJECT,FUNCTION			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310A2548201	A02
SHEET 38 of 58			

CHANGE by Wison Lin DATE 18-DEC-2012

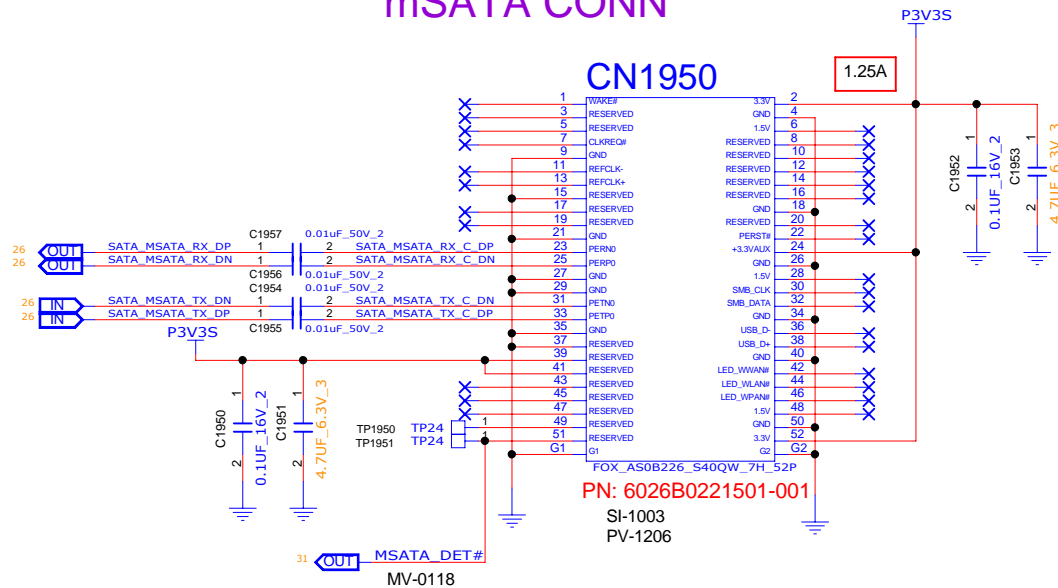
SATA HDD  
Location 1700 ~ 1749

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	1310A2548201	A02







LOCATION: 800~899  
VER\_04 . 20120823

★RTS5239GR = 6019B0928001

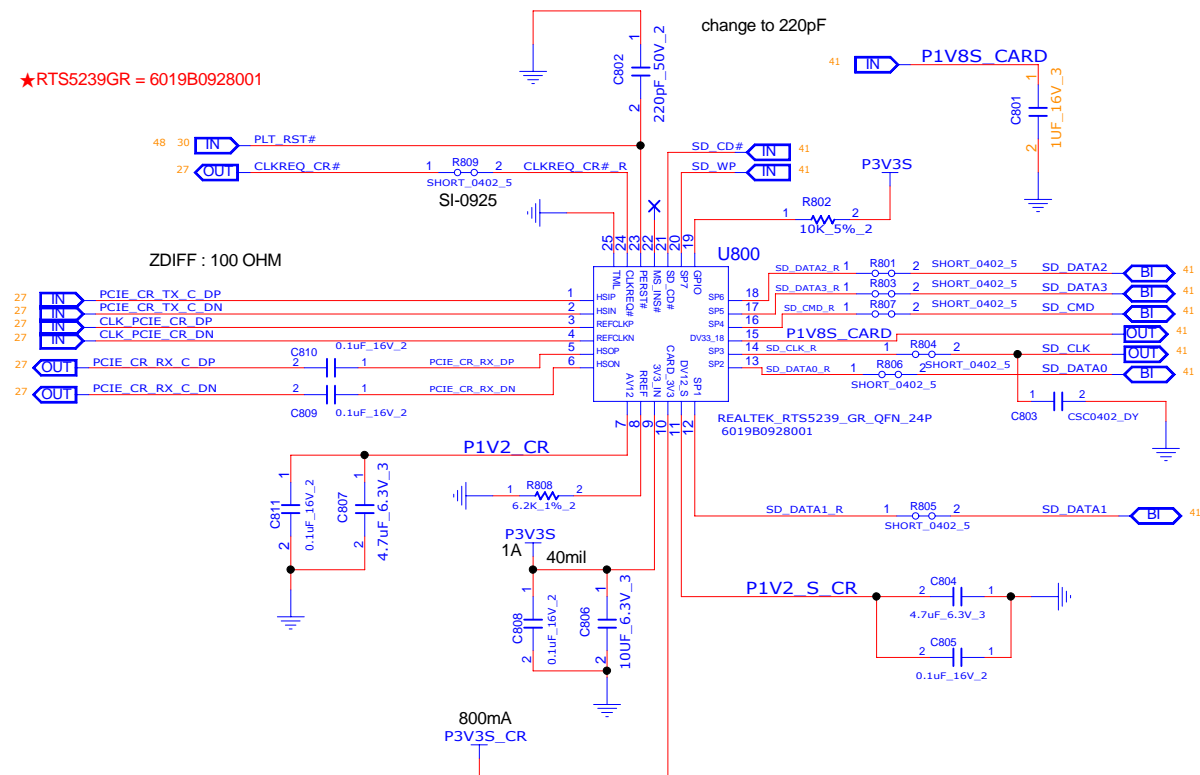


Diagram illustrating the connection of the CN800 module to a power source and an SD card.

**Power Source (P3V3S\_CR):**

- Input: 3.3V (P3V3S\_CR)
- Output: 3.3V (labeled 800mA)
- Capacitor: 100uF, 6.3V, 3
- Resistor: 800

**SD Card Connections:**

- SD\_DATA2 (Pin 41) to CN800 Pin 1 (DAT2)
- SD\_DATA3 (Pin 41) to CN800 Pin 2 (DAT3)
- SD\_CMD (Pin 41) to CN800 Pin 3 (CMD)
- SD\_CD# (Pin 41) to CN800 Pin 4 (CD)
- SD\_CLK (Pin 41) to CN800 Pin 6 (VDD)
- SD\_DATA0 (Pin 41) to CN800 Pin 7 (CLK)
- SD\_DATA1 (Pin 41) to CN800 Pin 9 (VSS2)
- SD\_WP (Pin 41) to CN800 Pin 10 (DAT1)
- SD\_OUT (Pin 41) to CN800 Pin 11 (WP)

**Module Information:**

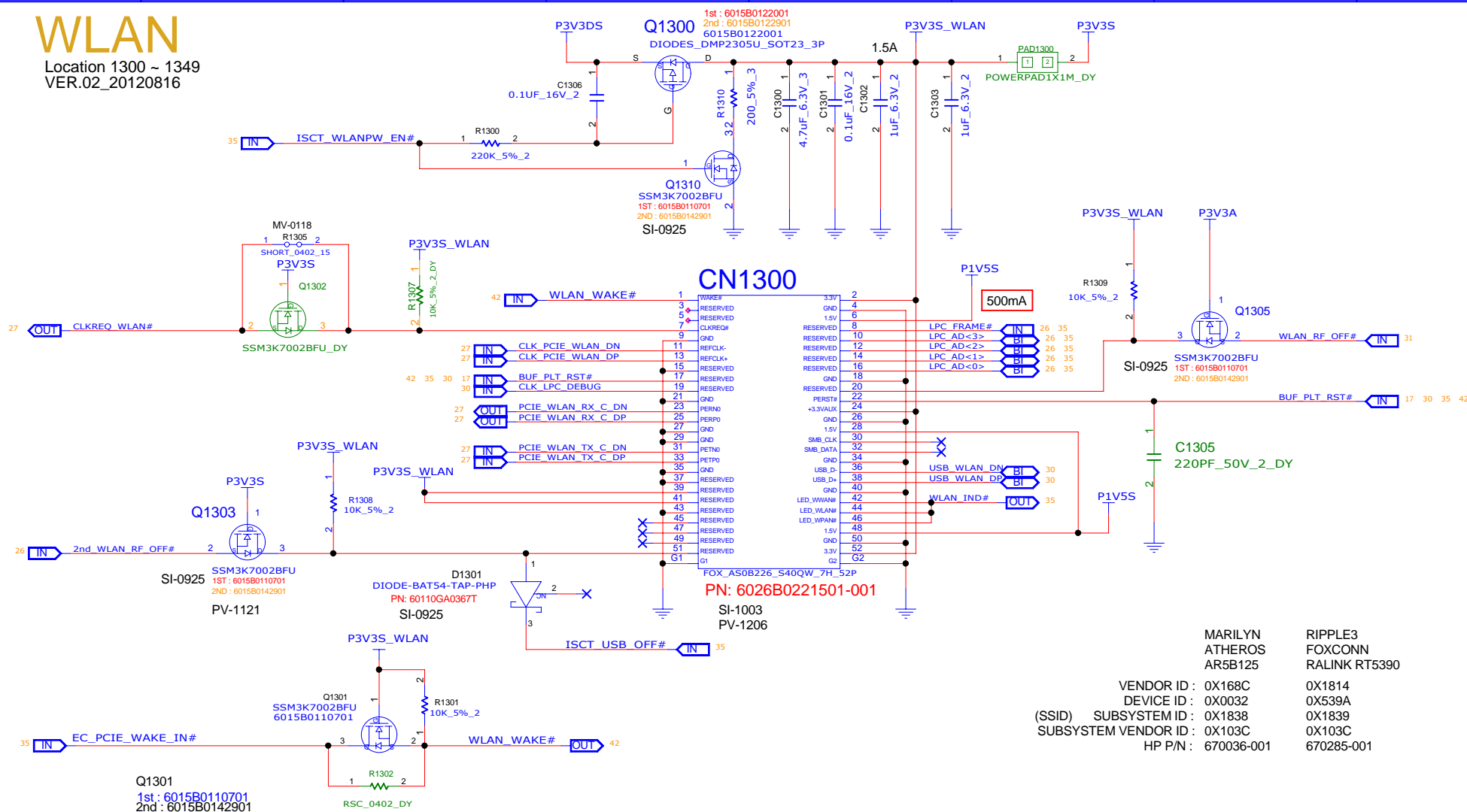
- TAI\_PSDBTX\_09GLBS7M
- PM: TMP1210040
- PN: 6026B024810
- BOM CHANGE
- SI-1005

INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION CARD READER			
SIZE A3	CODE CS	DOC.NUMBER 1310A2548201	R A

# 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

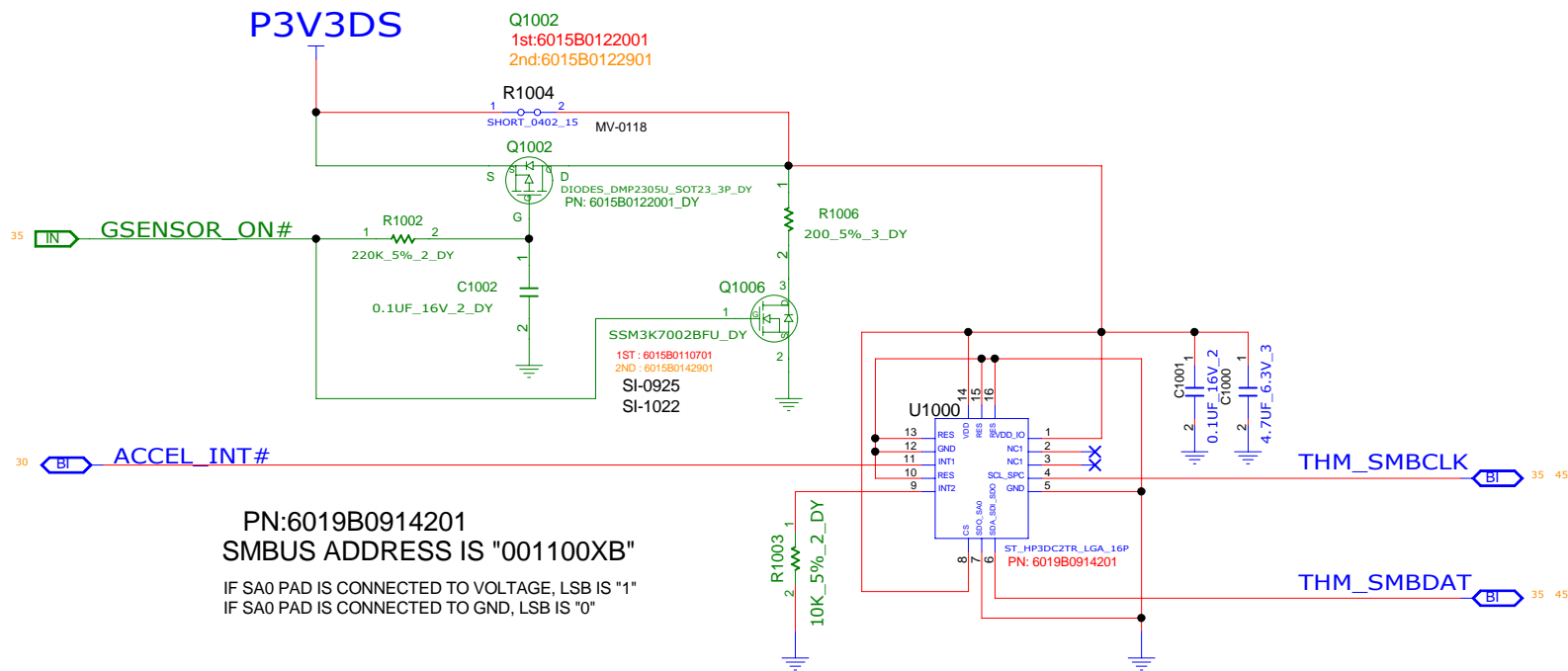
## INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
SIZE A3	CODE CS	DOC NUMBER 1310A2548201	REV A02

CHANGE by Wison Lin DATE 18-DEC-2012

SHEET 42 of 58

# HARDDRIVE PROTECTION

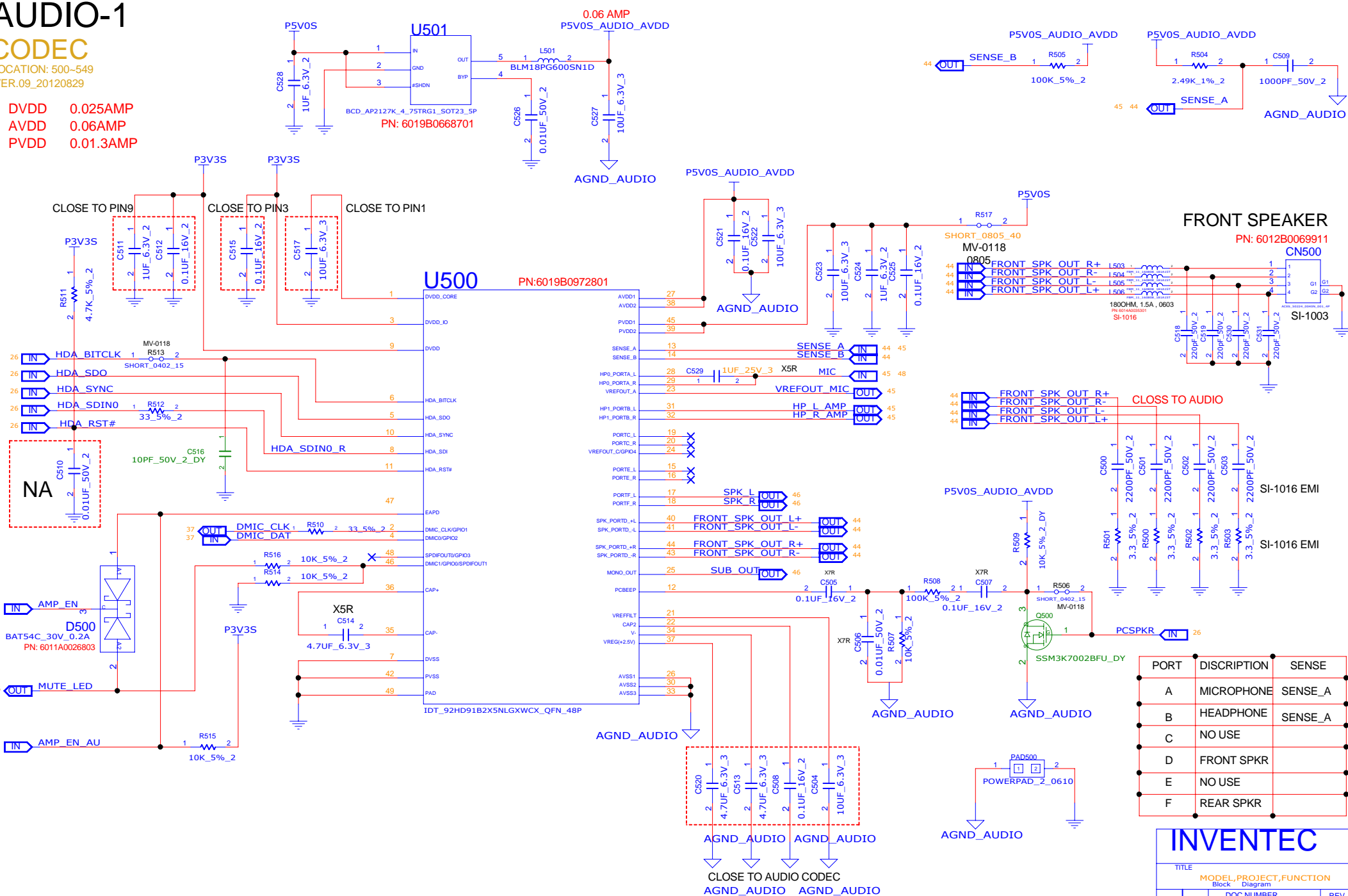


INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310A2548201	REV A02
SHEET 43 of 58			

LOCATION: 500~549  
VER.09\_20120829

DVDD	0.025AMP
AVDD	0.06AMP
PVDD	0.01.3AMP



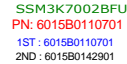
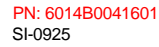
PORT	DISCRPTION	SENSE
A	MICROPHONE	SENSE_A
B	HEADPHONE	SENSE_A
C	NO USE	
D	FRONT SPKR	
E	NO USE	
F	REAR SPKR	

INVENTEC

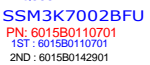
TITLE			
MODEL,PROJECT,FUNCTION			
Block Diagram			
SIZE A2	CODE CS	DOC.NUMBER 1310A2548201	RE A0

LOCATION: 550~599  
VER.09\_20120829

LOCATION: 550~599  
VER.09\_20120829



## AU\_SMBUS



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 A3	CODE CS	DOC.NUMBER 1310A2548201	REV A02



## A





AUB  
LOCATION: 9000-9999  
VER.03\_20120814

# USB BOARD-PV

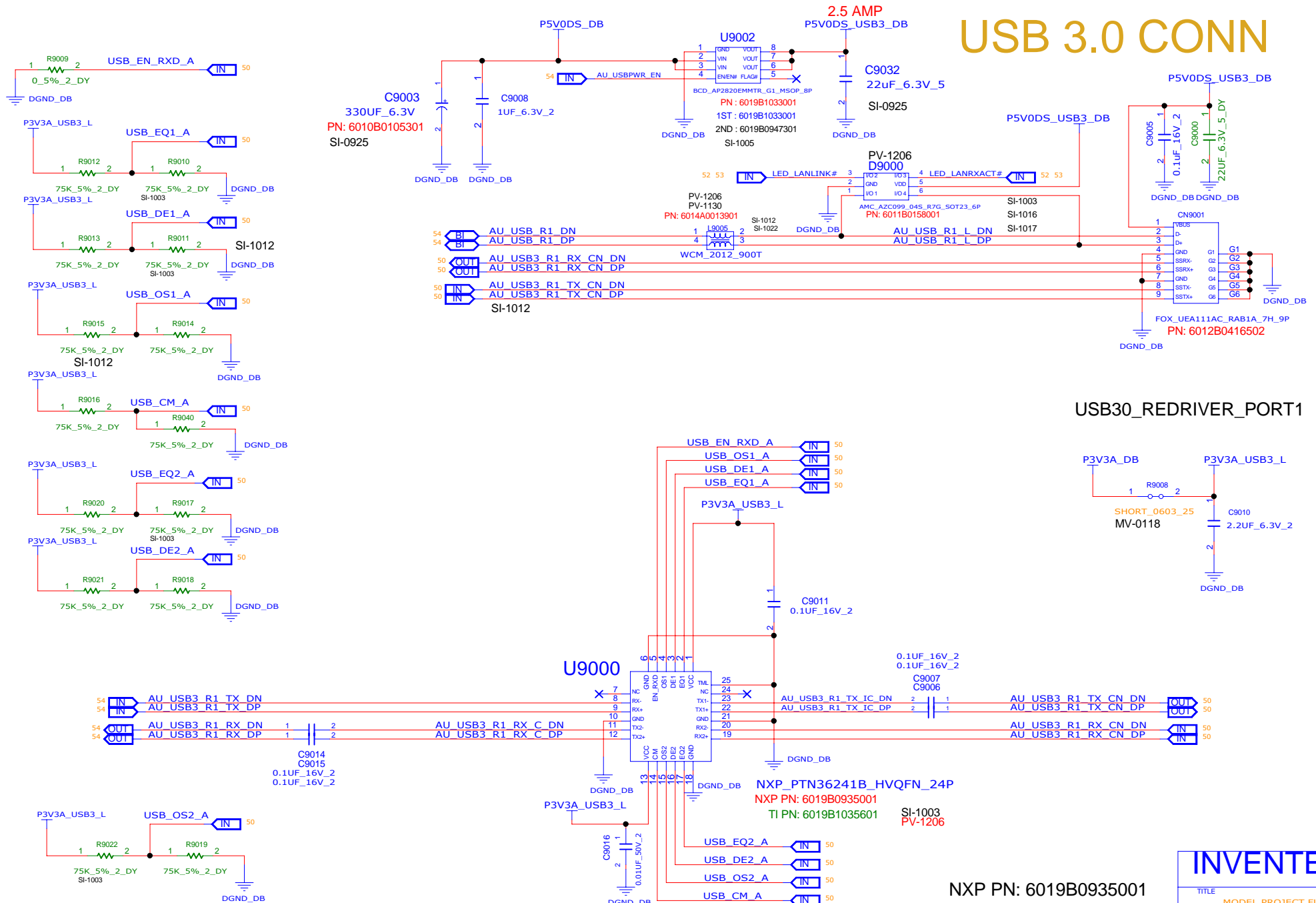
INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC:NUMBER 1310A2548201	REV A02

CHANGE by: Wilson Lin      DATE: 18-DEC-2012

SHEET 49 of 58

# USB 3.0 CONN



USB30\_REDRIIVER\_PORT1

U9000

NXP\_PTN36241B\_HVQFN\_24P  
NXP PN: 6019B0935001  
TI PN: 6019B1035601

NXP PN: 6019B0935001  
TI PN: 6019B1035601

INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
Block Diagram			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310A2548201	A02

CHANGE by Wison Lin DATE 18-DEC-2012

SHEET 50 of 58

## D



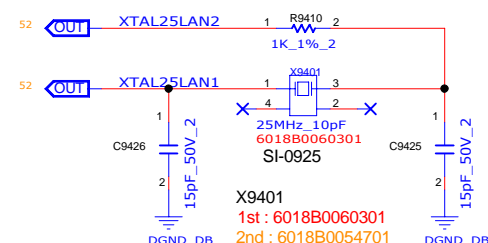
A

A

CHANGE by	Wison Lin	DATE	18-DEC-2012
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## Ver.03 20120807

6019B1032001 RTL8151GSH-CG 10/100/1000

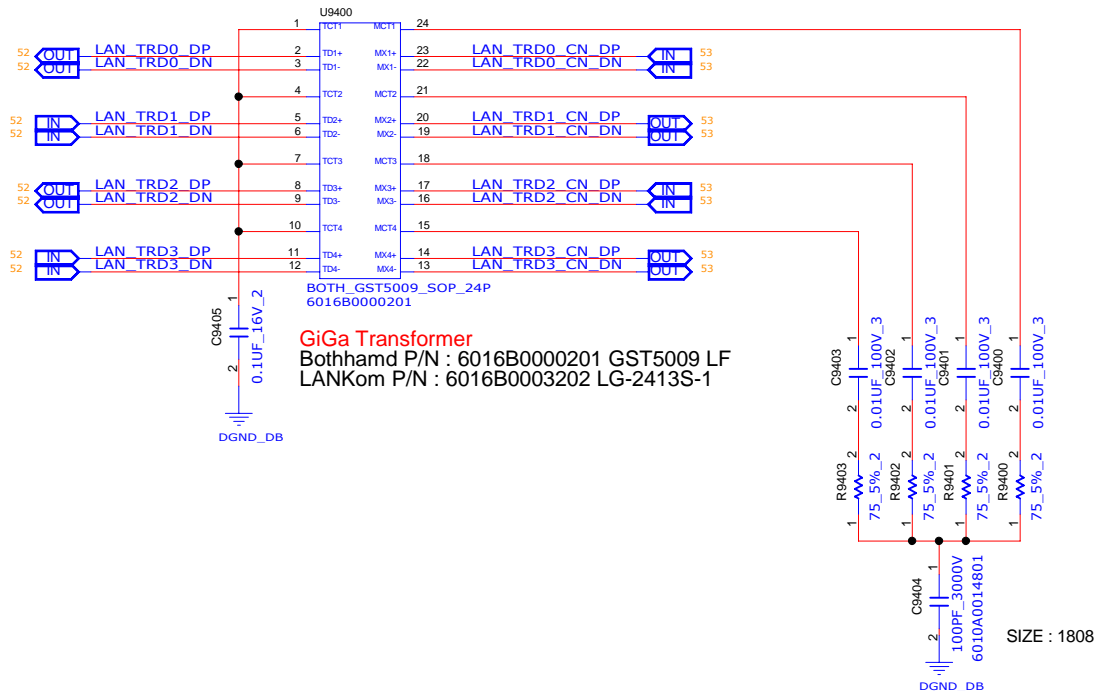


INVENTEC

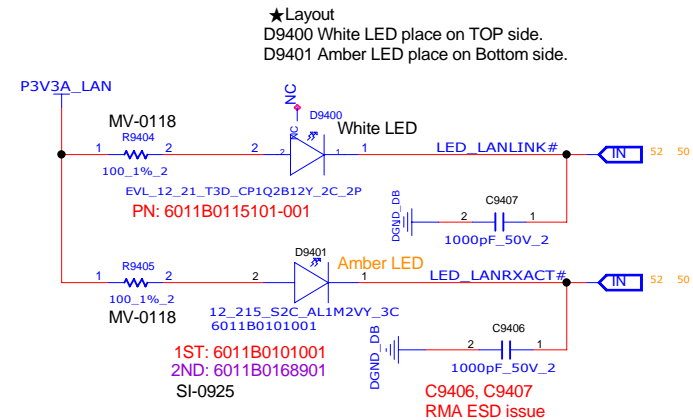
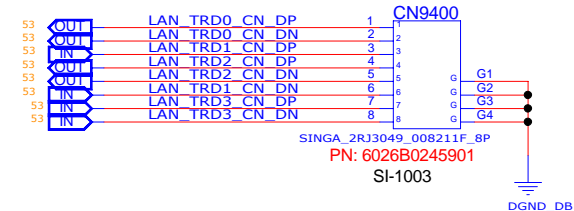
SIZE A3	CODE CS	DOC.NUMBER 1310A2548201	R A
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# LAN ( Transformer & RJ45 )

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

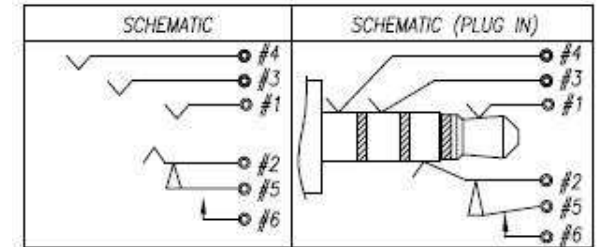
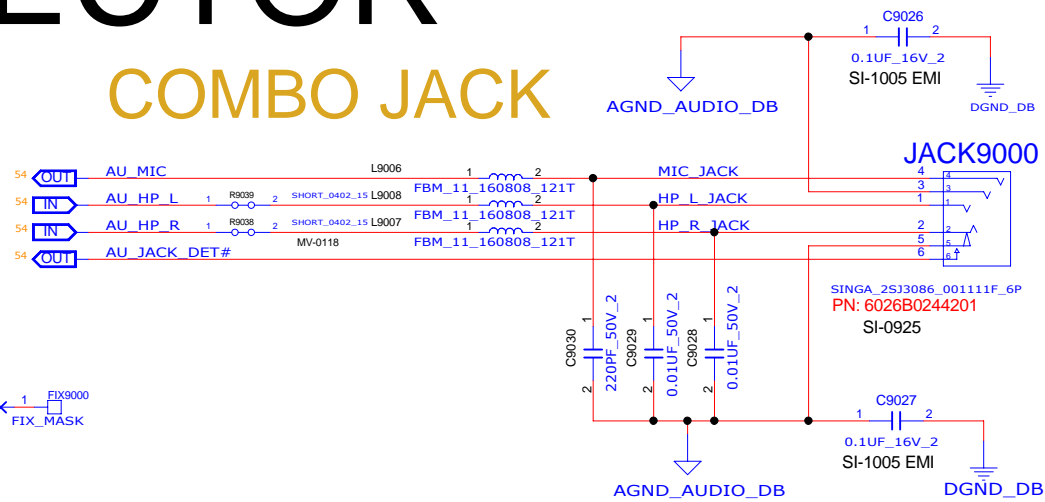
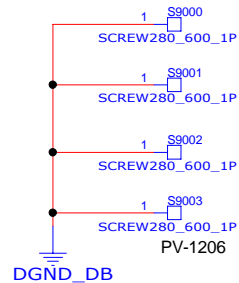
Location	Part number	Factory	Manufacturer Part No	Marking
D300	1st : 6011A0026801 2nd : 60110GA0367T	DIODES	D-BAT54-7	KL1
Q300	1st : 6015B0110701	TOSHIBA	SSM3K7002BFU	NM
Q301	2nd : 6015B0142901	DIODES	DMN65D8LW-7	MM3
U301	1st : 6019B0932401	MXIC	MX25L512EML-10G	
512KB	2nd : 6019B0816001	ATMEL	AT25F512B-SSH-T	
U301	1st : 6019B1016101	WINBOND	W25Q32FVSSIG	
4MB	2nd : 6019B0794701	MXIC	MX25L3206EM2I-12G	
U301	1st : 6019B0955901	WINBOND	W25Q64FV55IG	
8MB	2nd : 6019B0813101	MXIC	MX25L6406EM2I-12G	

### INVENTEC

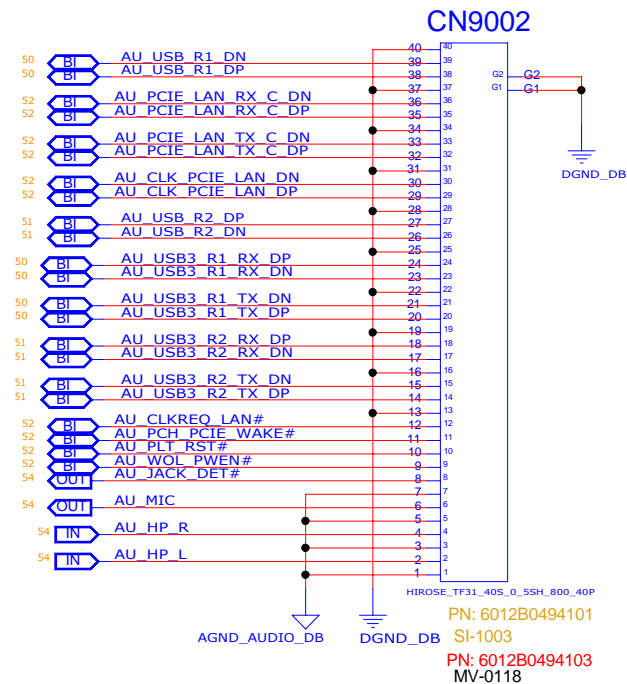
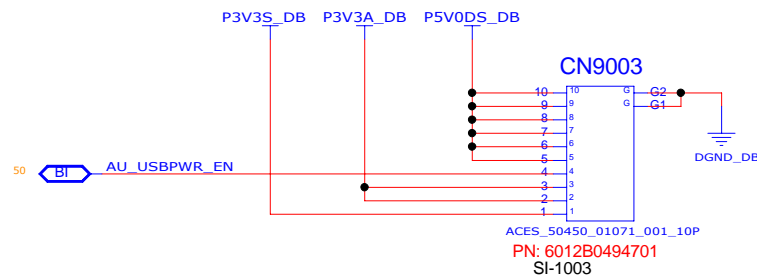
TITLE			
MODEL,PROJECT,FUNCTION			
SIZE A3	CODE CS	DOC NUMBER 1310A2548201	REV A02

# CONNECTOR

## COMBO JACK



## MB TO AUB CONNECTOR

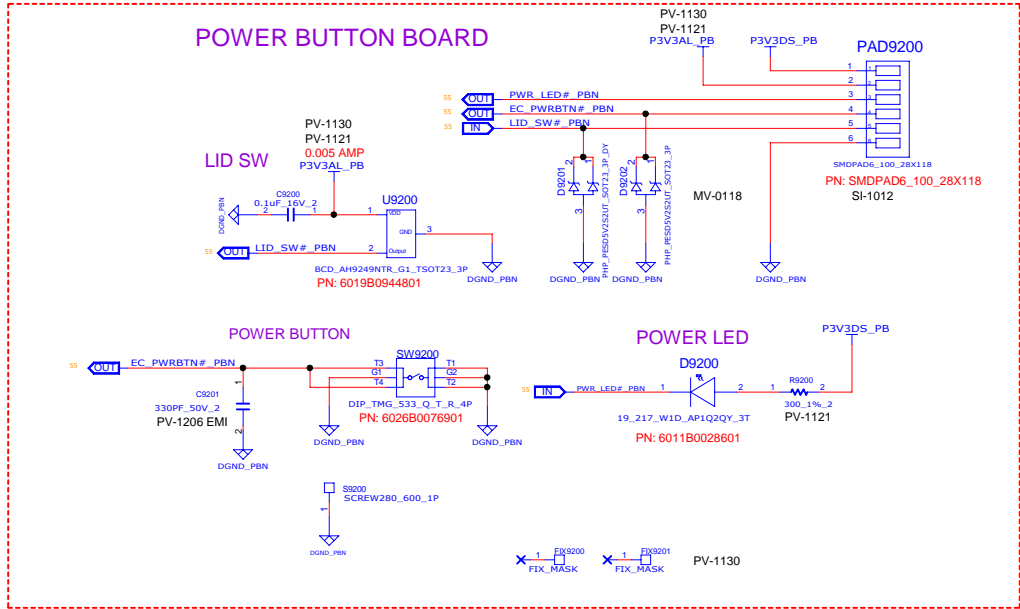


**INVENTEC**

TITLE			
MODEL, PROJECT, FUNCTION			
Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310A2548201	REV A02
SHEET 54 of 58			

CHANGE by: Wilson Lin DATE: 18-DEC-2012

# POWER BUTTON BOARD



INVENTEC

MODEL,PROJECT,FUNCTION  
Block Diagram

SIZE CODE DOC NUMBER REV  
C CS 1310K2546501 A02

CHANGE BY: Wipon Loo DATE: 18-DEC-2012

SHEET 1 OF 1

	8	7	6	5	4	3	2	1																			
D	<div>1310A2552101 (6L) 1310A2552201 (8L)</div> <div>ESD BOARD 1</div> <div>MV-0118</div>		<div><div>USB BOARD (6L) USB BOARD (8L)</div><div>POWER BOARD (6L) POWER BOARD (8L)</div><div>EMI BOARD (6L)  EMI BOARD (8L)</div></div> <div><div>1310A2548501 1310A2548601</div><div>1310A2548701 1310A2548801</div><div>1310A2552101 1310A2552102</div><div>1310A2552201 1310A2552202</div></div> <div><div>6050A2548501 6050A2548601</div><div>6050A2548701 6050A2548801</div><div>6050A2552101 6050A2552201</div></div>																								
C	<div>1310A2552102 (6L) 1310A2552202 (8L)</div> <div>ESD BOARD 2</div> <div>MV-0118</div>																										
B																											
A	<table><tr><td>CHIEF RIVER</td><td>DIS</td><td>NVIDIA N14P-GV2 (GEFORCE 630M)</td><td>4G</td><td>SAMSUNG K4W4G1646B-HC11</td><td>1310A2548301</td></tr><tr><td>CHIEF RIVER</td><td>DIS</td><td>NVIDIA N14P-GV2 (GEFORCE 630M)</td><td>2G</td><td>MICRON MT41K256M16HA-107G:E</td><td>1310A2548302</td></tr><tr><td>CHIEF RIVER</td><td>UMA</td><td>N/A</td><td>N/A</td><td>N/A</td><td>1310A2548201</td></tr></table>								CHIEF RIVER	DIS	NVIDIA N14P-GV2 (GEFORCE 630M)	4G	SAMSUNG K4W4G1646B-HC11	1310A2548301	CHIEF RIVER	DIS	NVIDIA N14P-GV2 (GEFORCE 630M)	2G	MICRON MT41K256M16HA-107G:E	1310A2548302	CHIEF RIVER	UMA	N/A	N/A	N/A	1310A2548201	
CHIEF RIVER	DIS	NVIDIA N14P-GV2 (GEFORCE 630M)	4G	SAMSUNG K4W4G1646B-HC11	1310A2548301																						
CHIEF RIVER	DIS	NVIDIA N14P-GV2 (GEFORCE 630M)	2G	MICRON MT41K256M16HA-107G:E	1310A2548302																						
CHIEF RIVER	UMA	N/A	N/A	N/A	1310A2548201																						
	8	7	6	5	4	3	2	1																			

TITLE

MODEL, PROJECT, FUNCTION  
Block Diagram

SIZE A3CODE CS

DOC. NUMBER  
1310A2548201

REV  
A02

CHANGE by Wilson LinDATE 18-DEC-2012SHEET 56 of 58



POWE UP

S5----->S0

S3



S3 TO DEEP S3

DEEP S3 TO S0

