

BERLIN 10G

M96/M92/Madison/Park

CS Build

2010.01.21

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC		
DESIGN					TITLE		
CHECK					BL10G		
RESPONSIBLE							
SIZE = 3					SIZE	CODE	DOC. NUMBER
FILE NAME : XXXX-XXXXXX-XX					A3	CS	Model No
P/N XXXXXXXXXXXX					SHEET	1	OF 66

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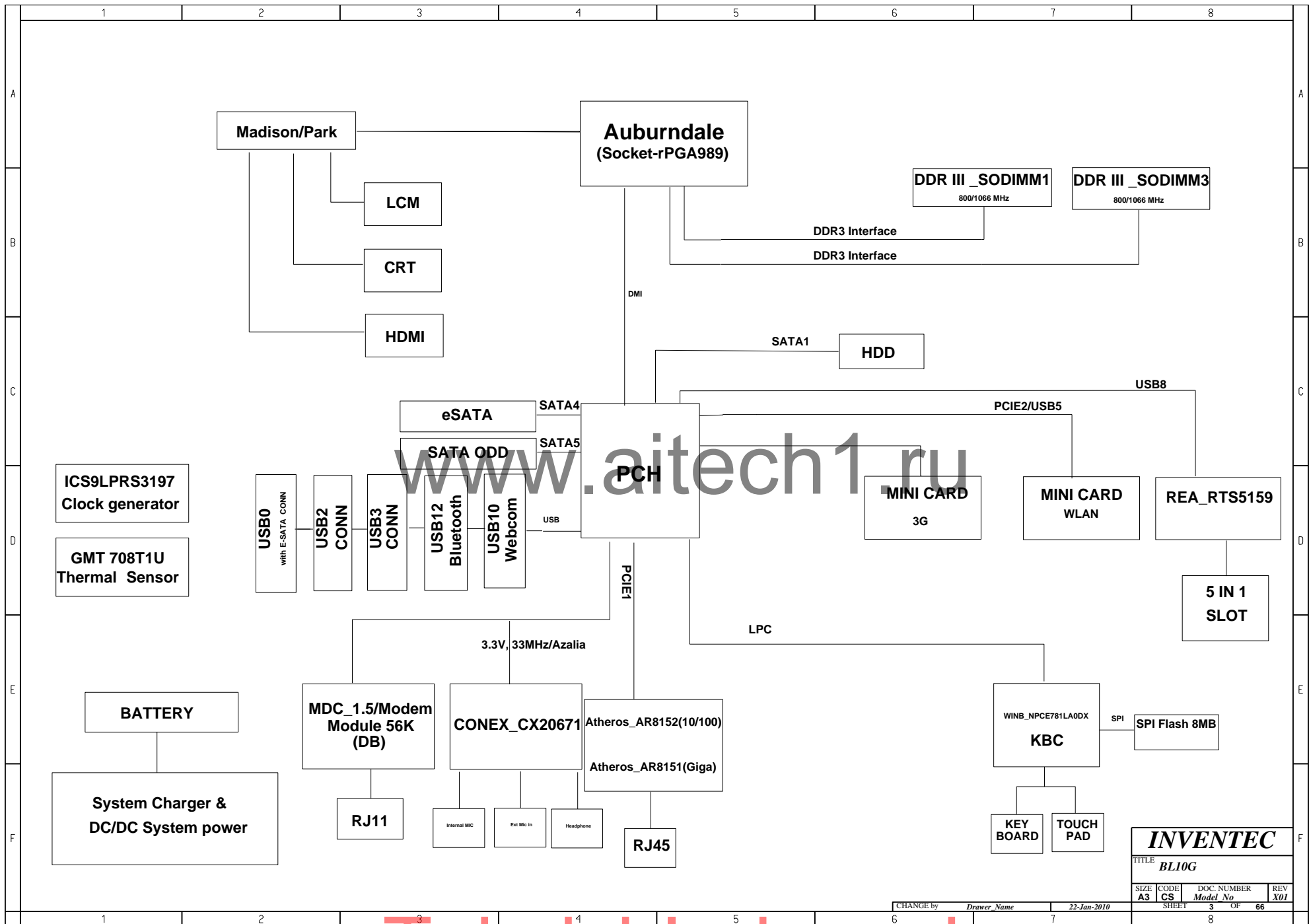
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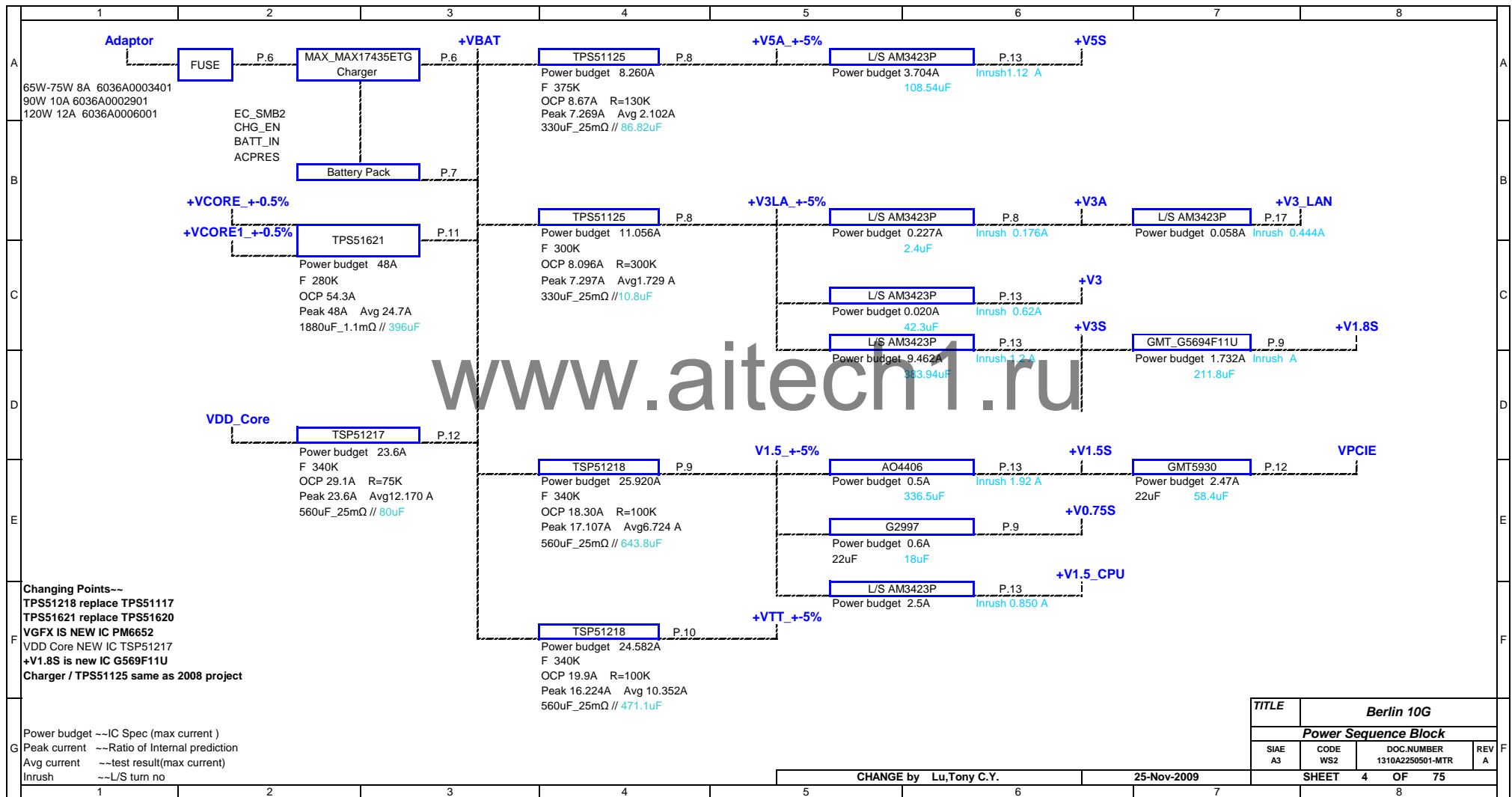
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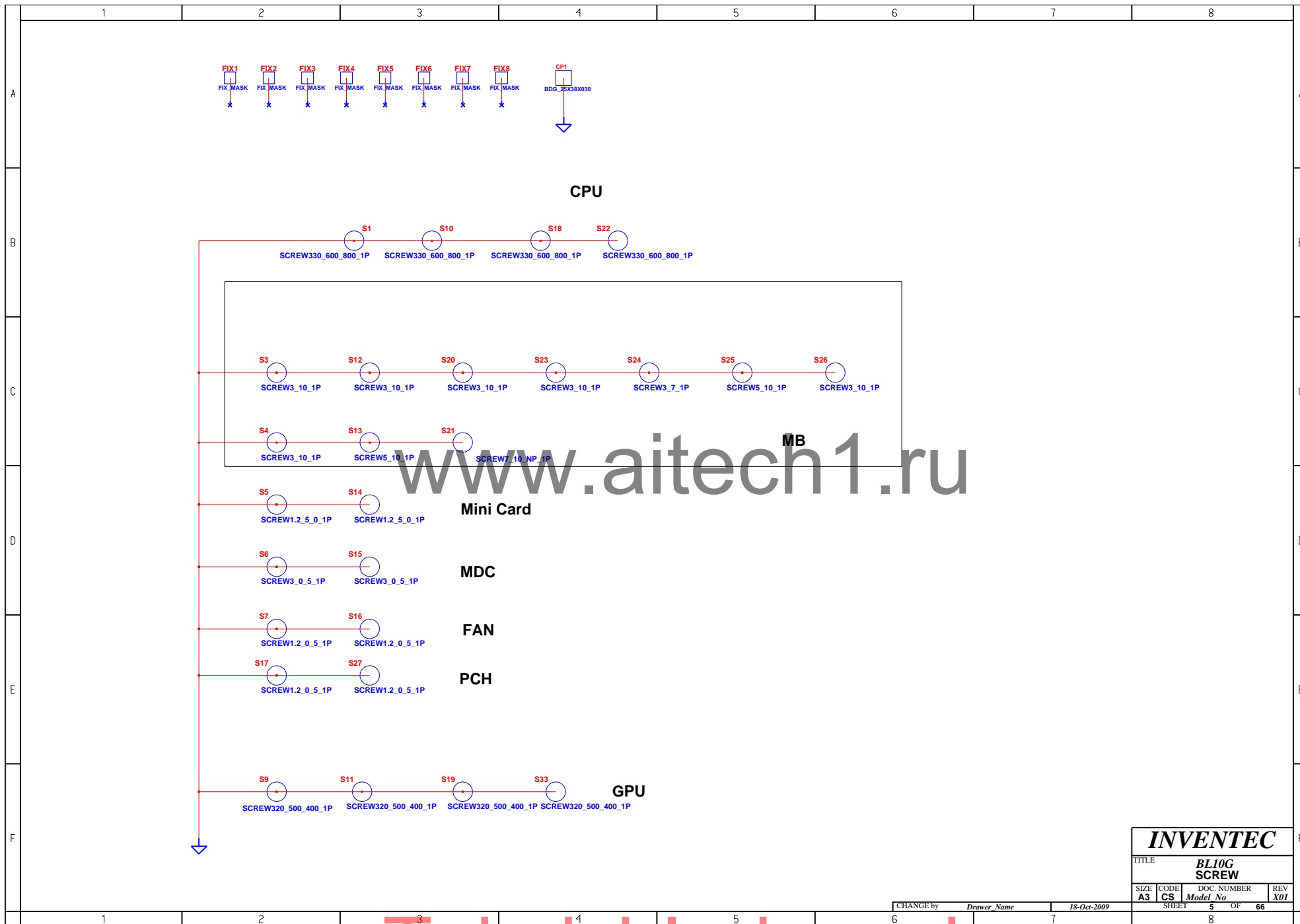
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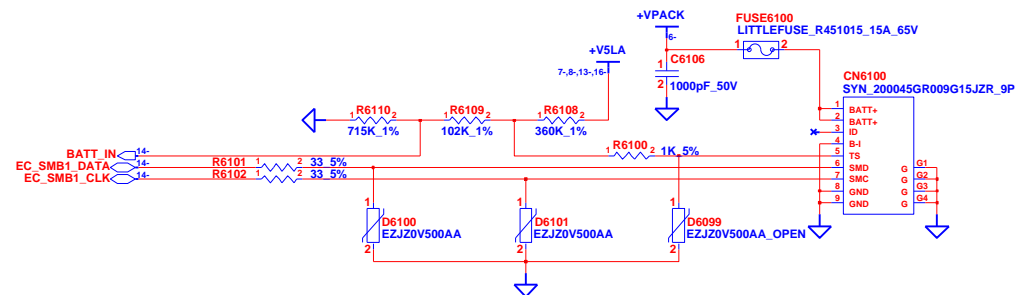
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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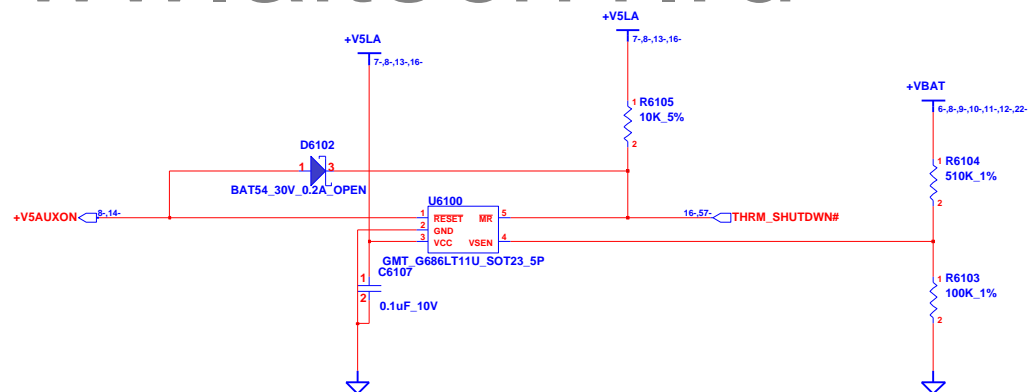








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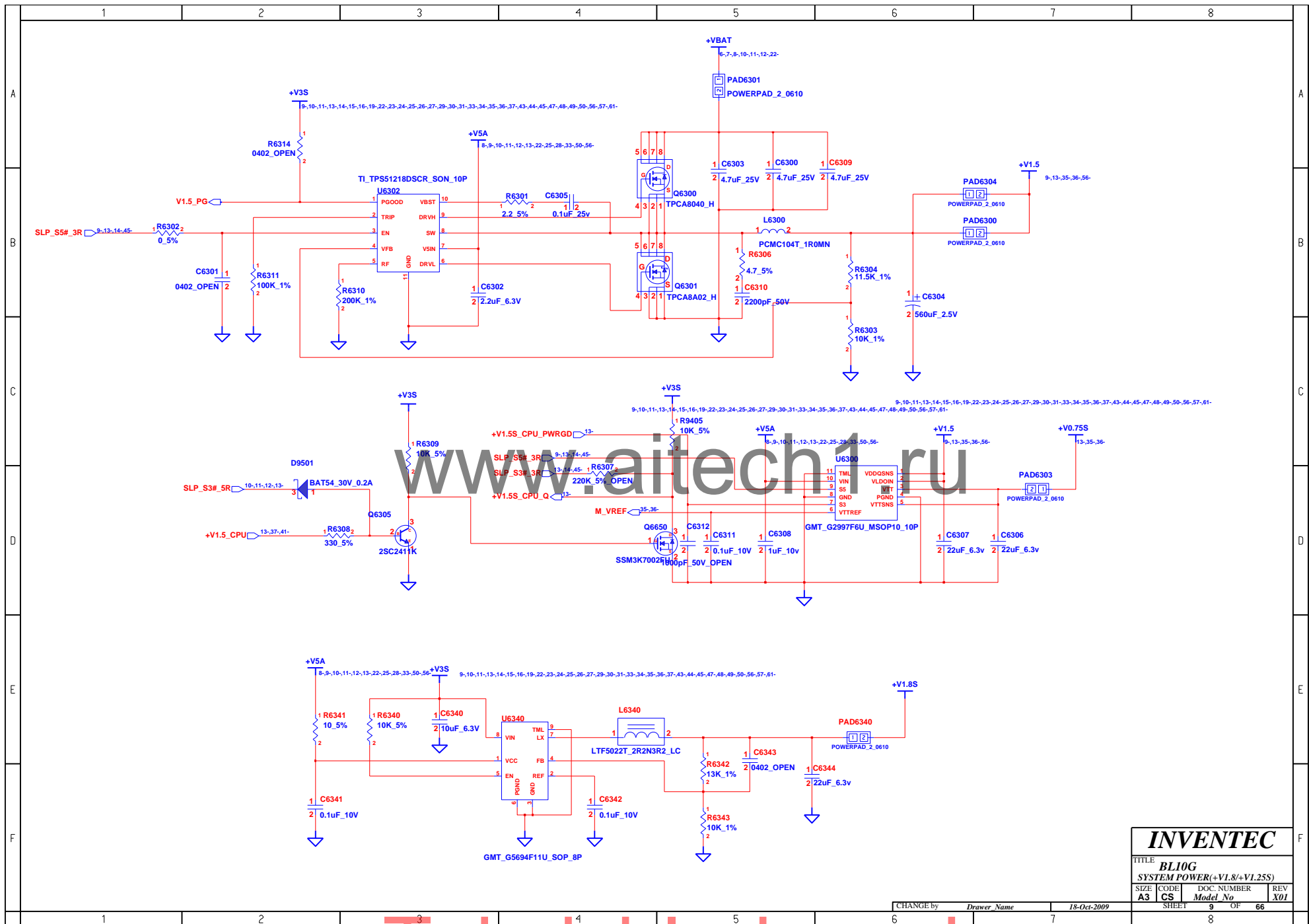


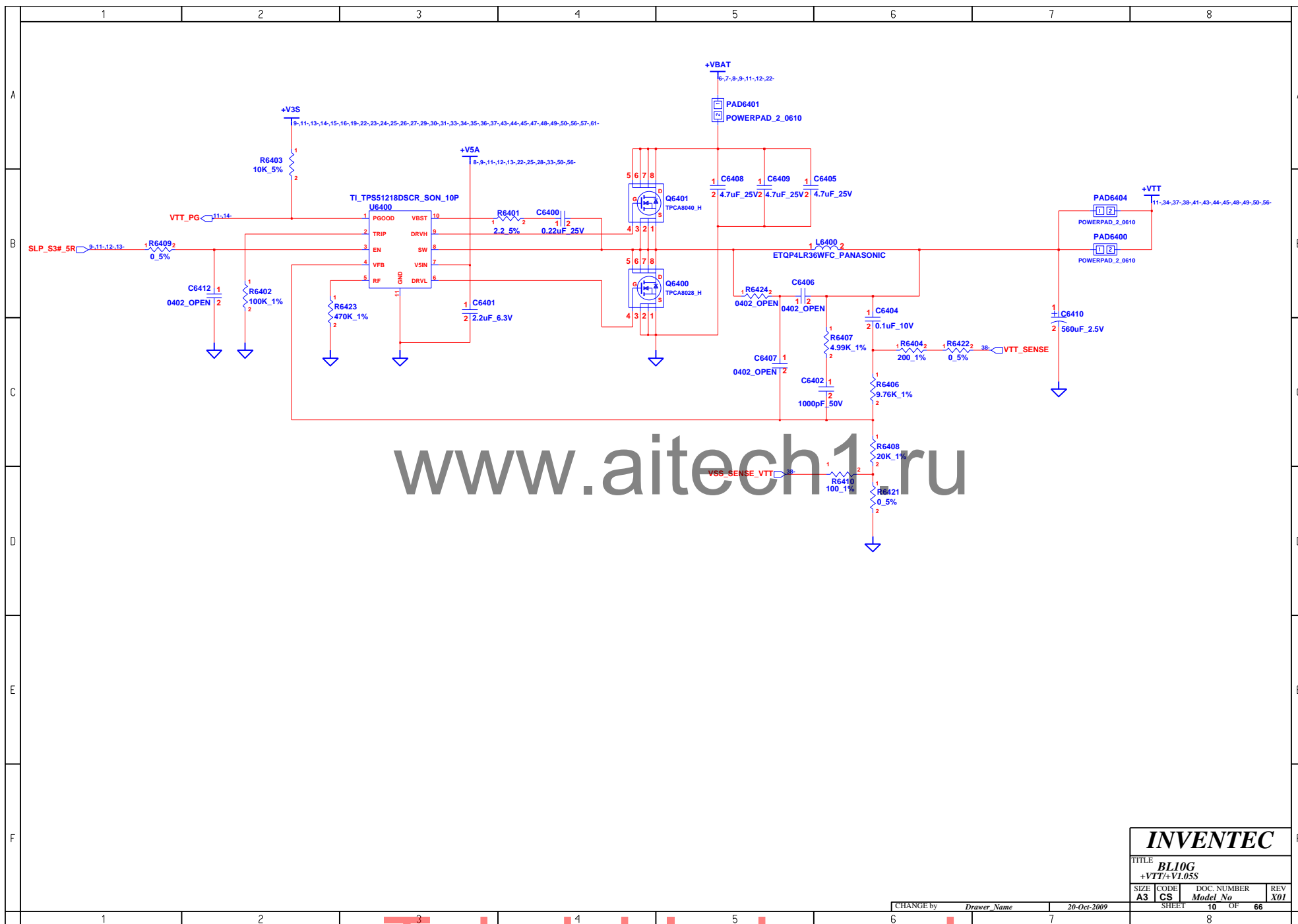
INVENTEC

TITLE			
BLI0G			
SELECT & BATTERY CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

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INVENTEC

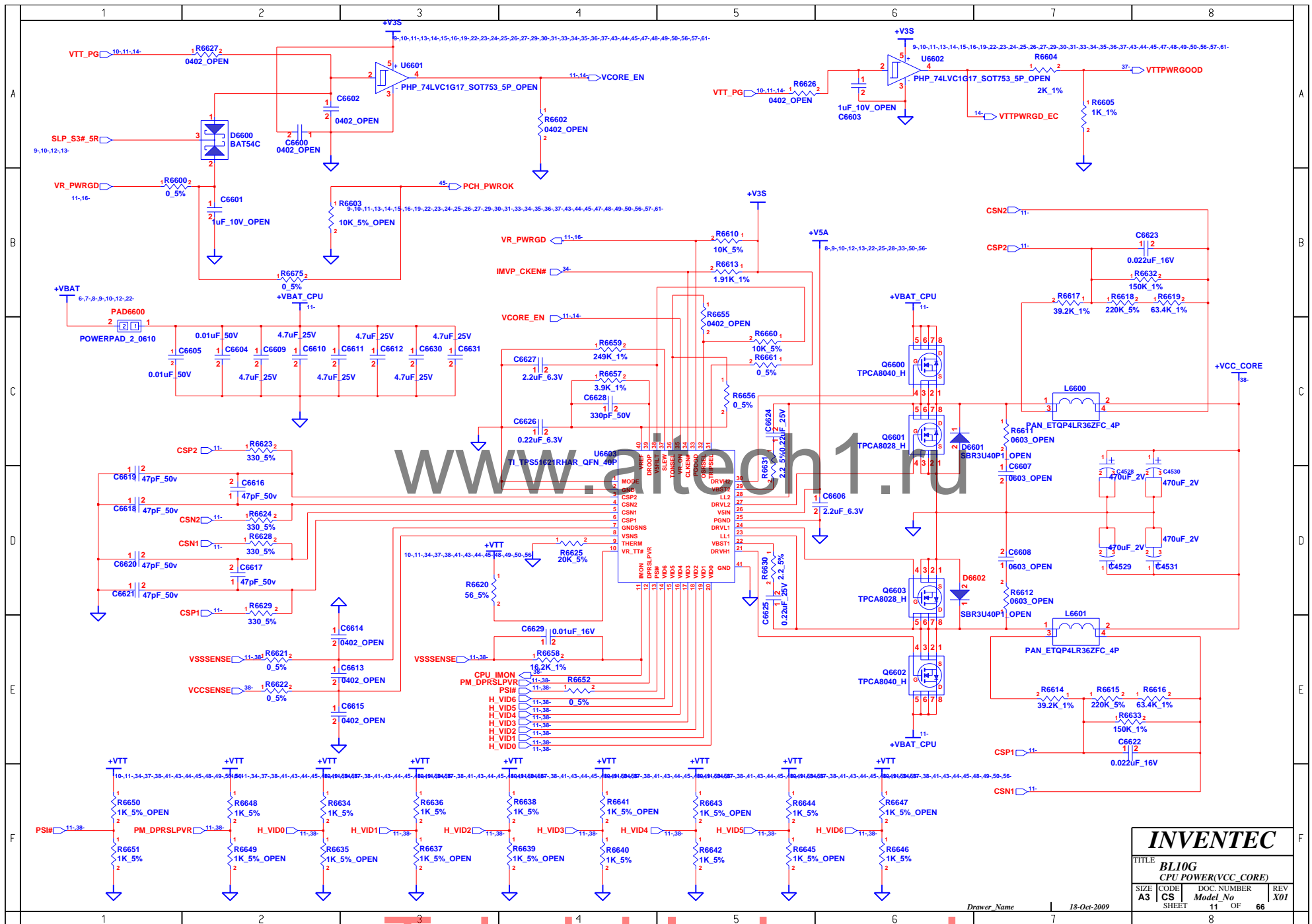
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BL10G
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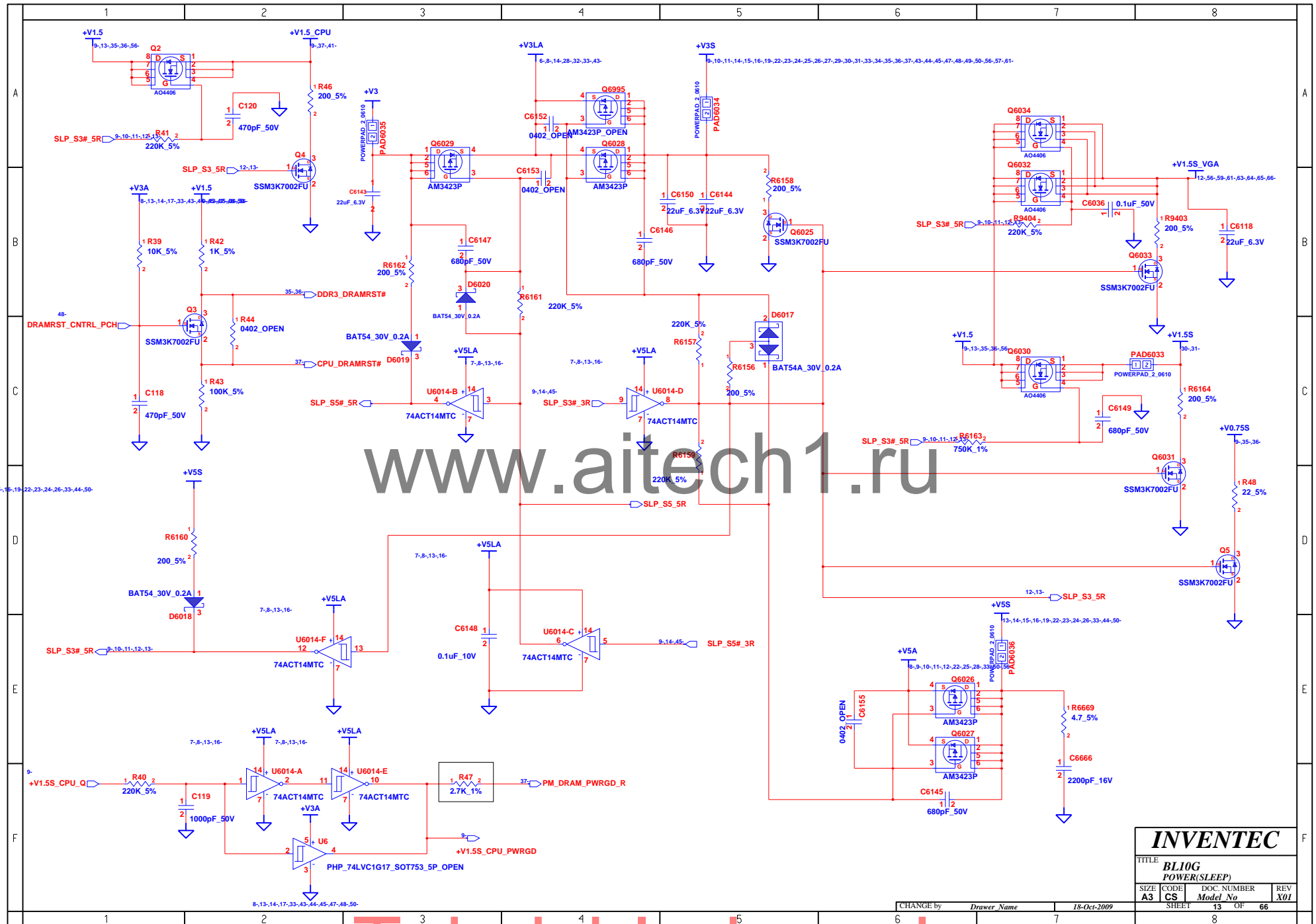
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A3	CS	Model No	X01

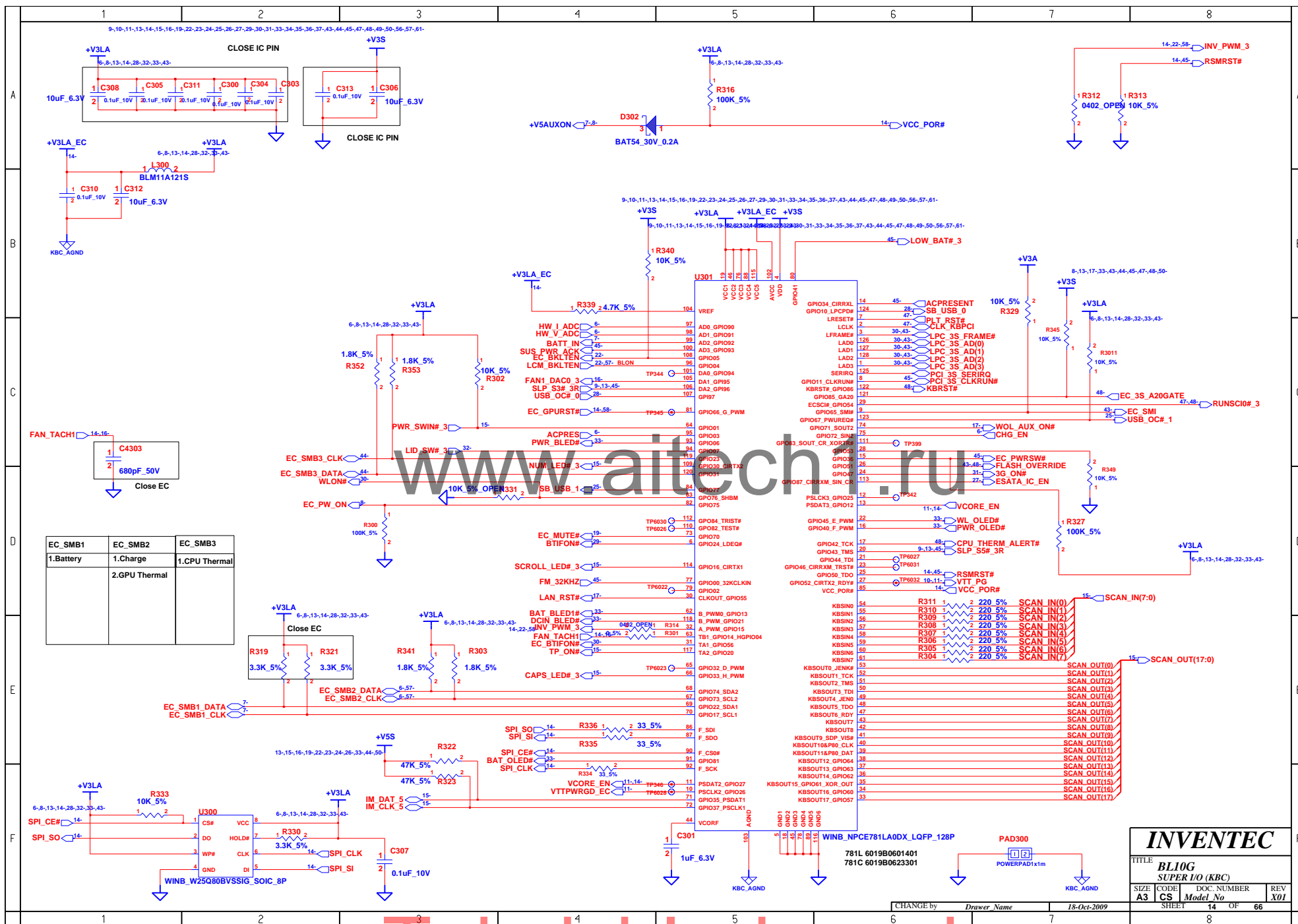
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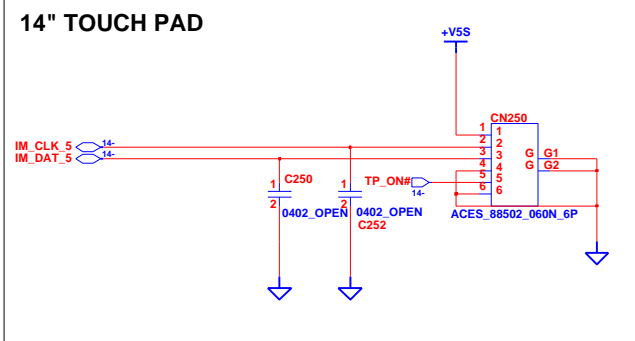
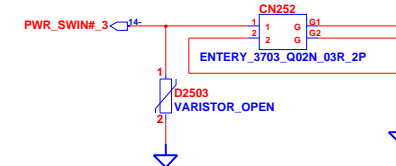
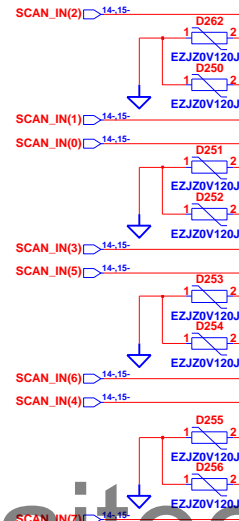
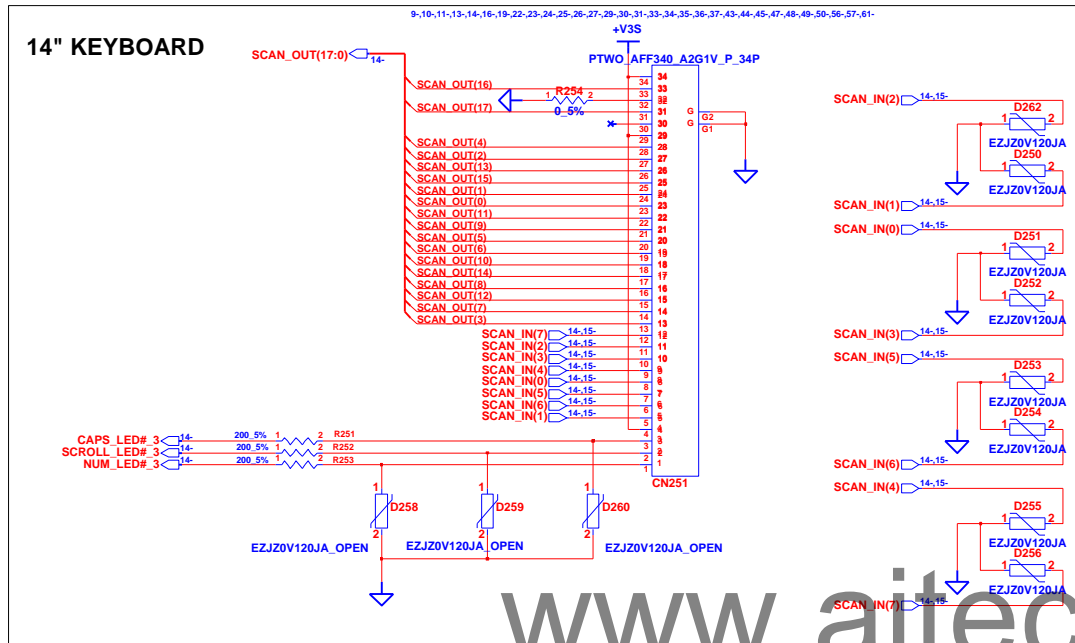
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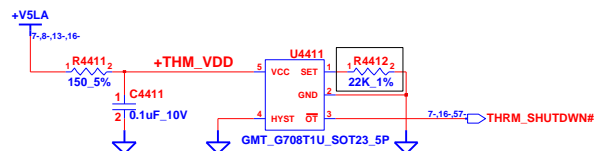






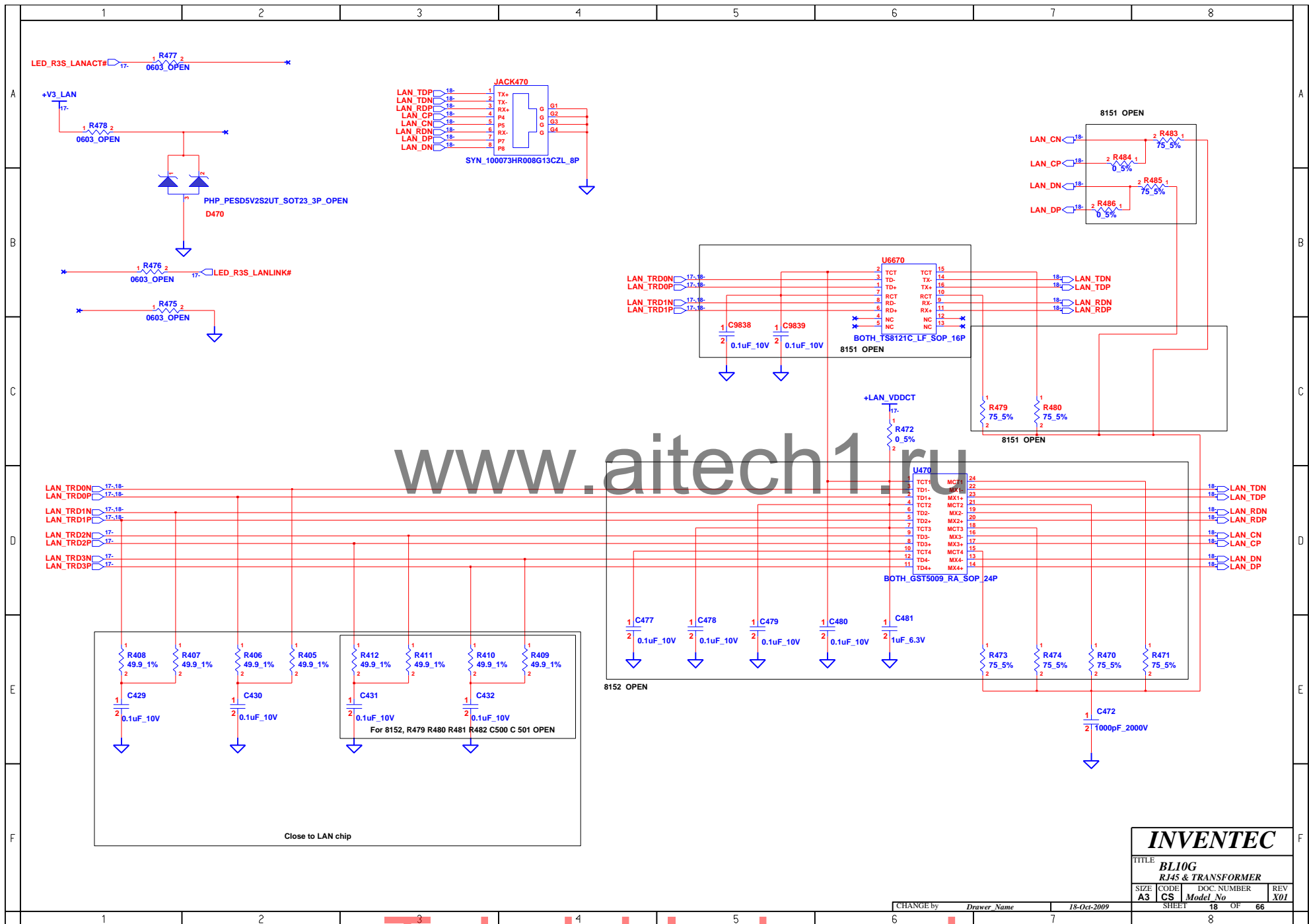


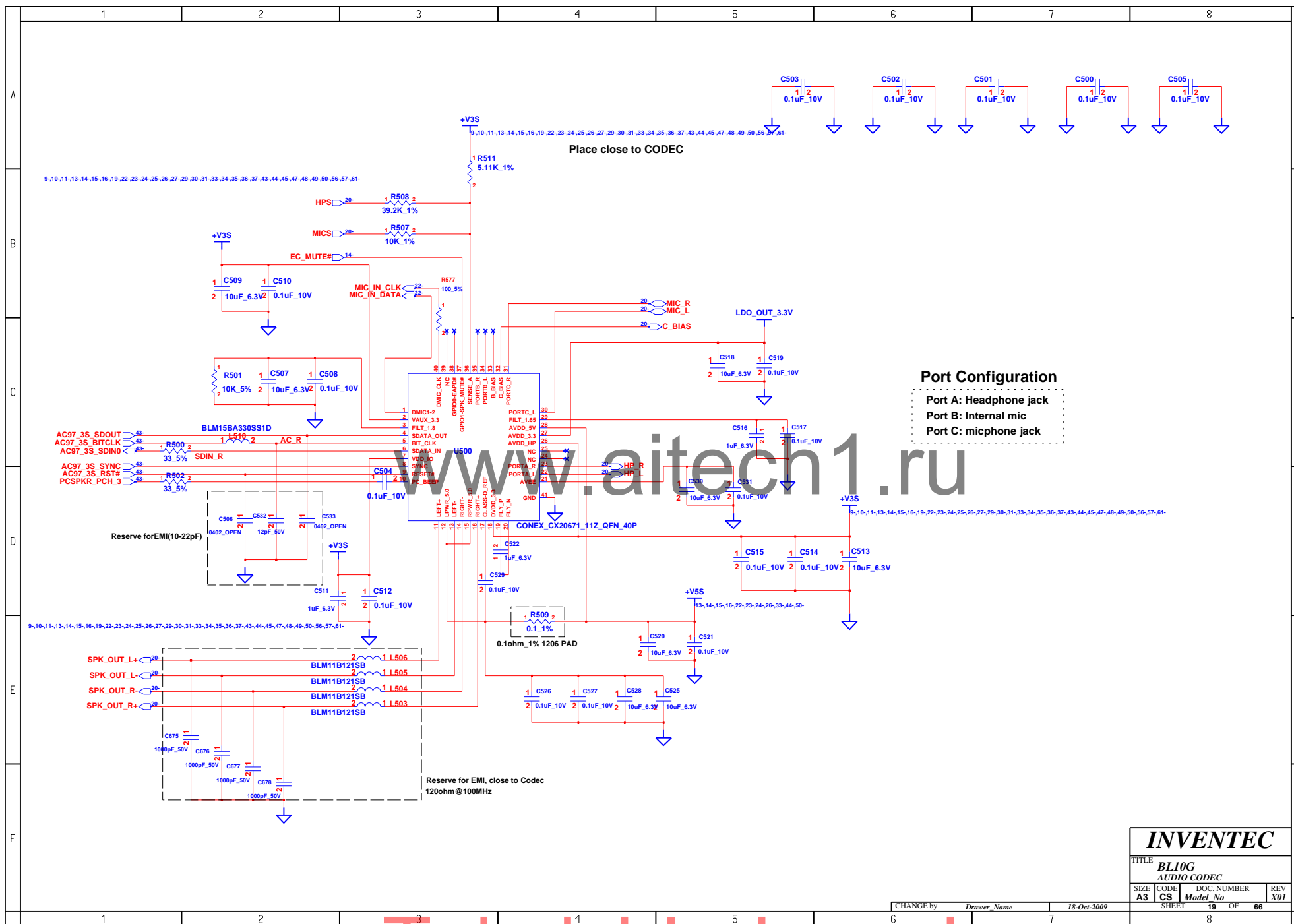
INVENTEC			
TITLE			
BL10G			
K/B & TP/B CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		Drawer Name	18-Oct-2009
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The schematic shows the U4151 temperature sensor connected to a +VSLA supply through a resistor R4409 (labeled 0402_OPEN). The sensor's VCC pin (pin 5) is connected to +THM_VDD, which is also connected to the sensor's SET pin (pin 1). The sensor's GND pin (pin 2) is connected to ground. The sensor's HYST pin (pin 4) is connected to ground. The sensor's OT pin (pin 3) is connected to a thermistor labeled THRM_SHUTDWN, which is also connected to ground. The thermistor has a value range of 7-16-57.

INVENTEC			
TITLE BL10G <i>FAN,Thermal controller</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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INVENTEC

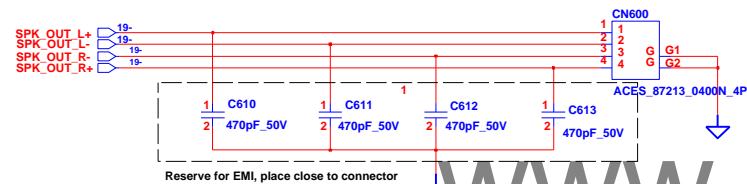
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**BL10G
AUDIO CODEC**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

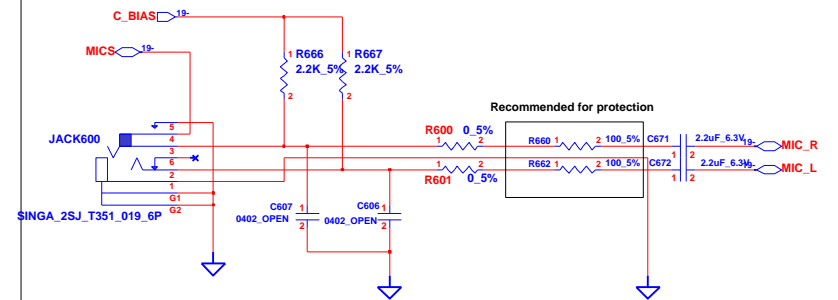
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INTERNAL SPEAKERS

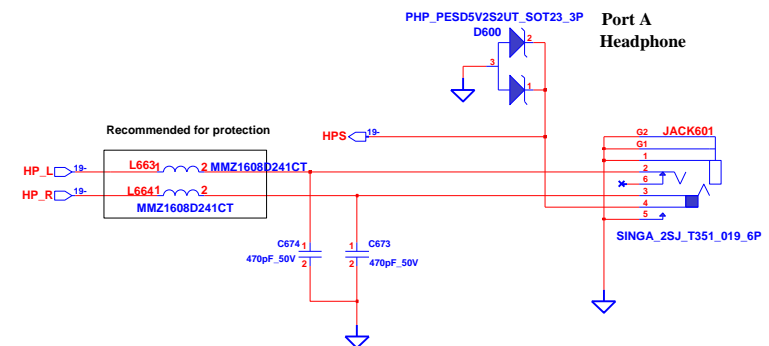


AUDIO JACKS

Port C External microphone

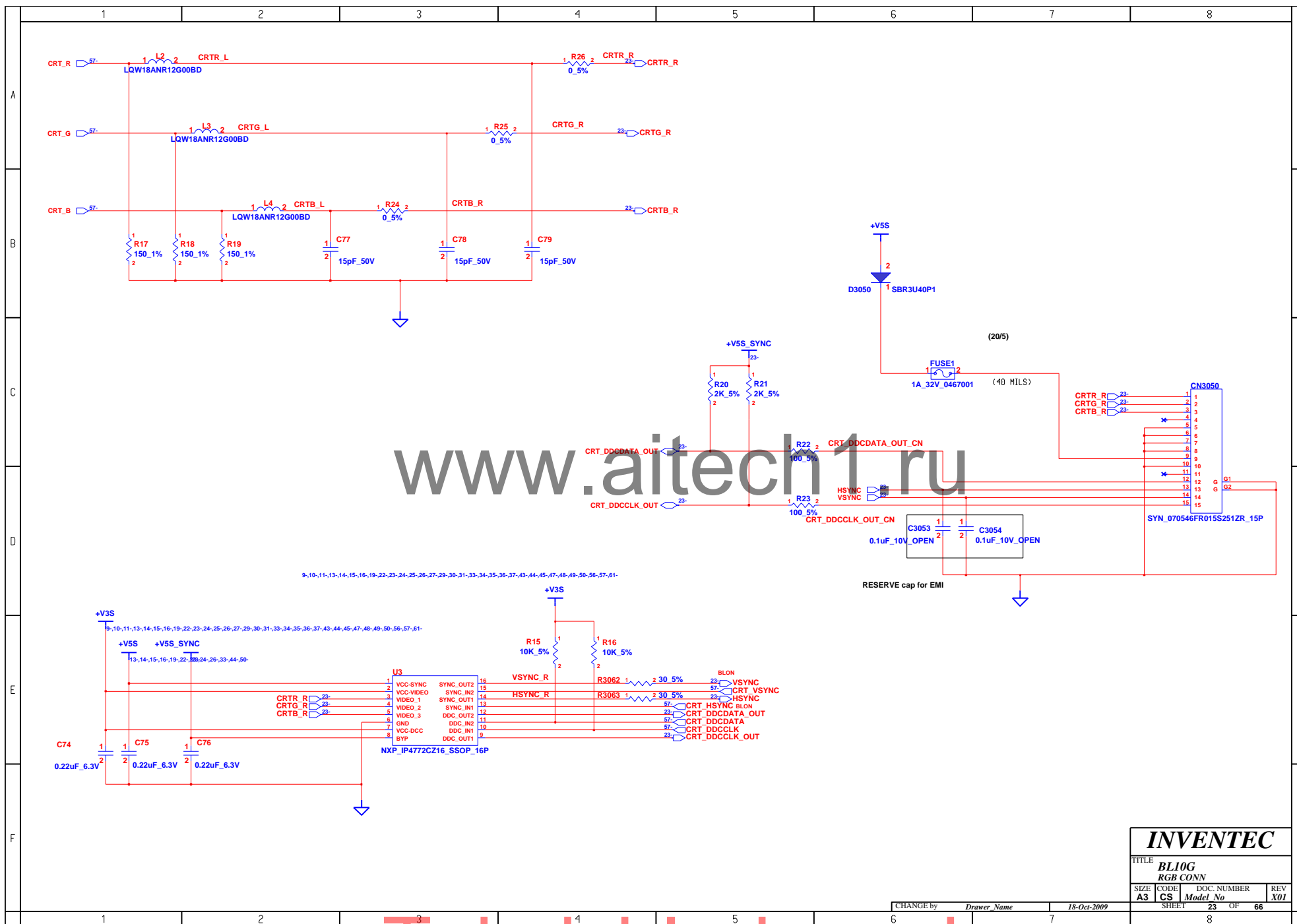


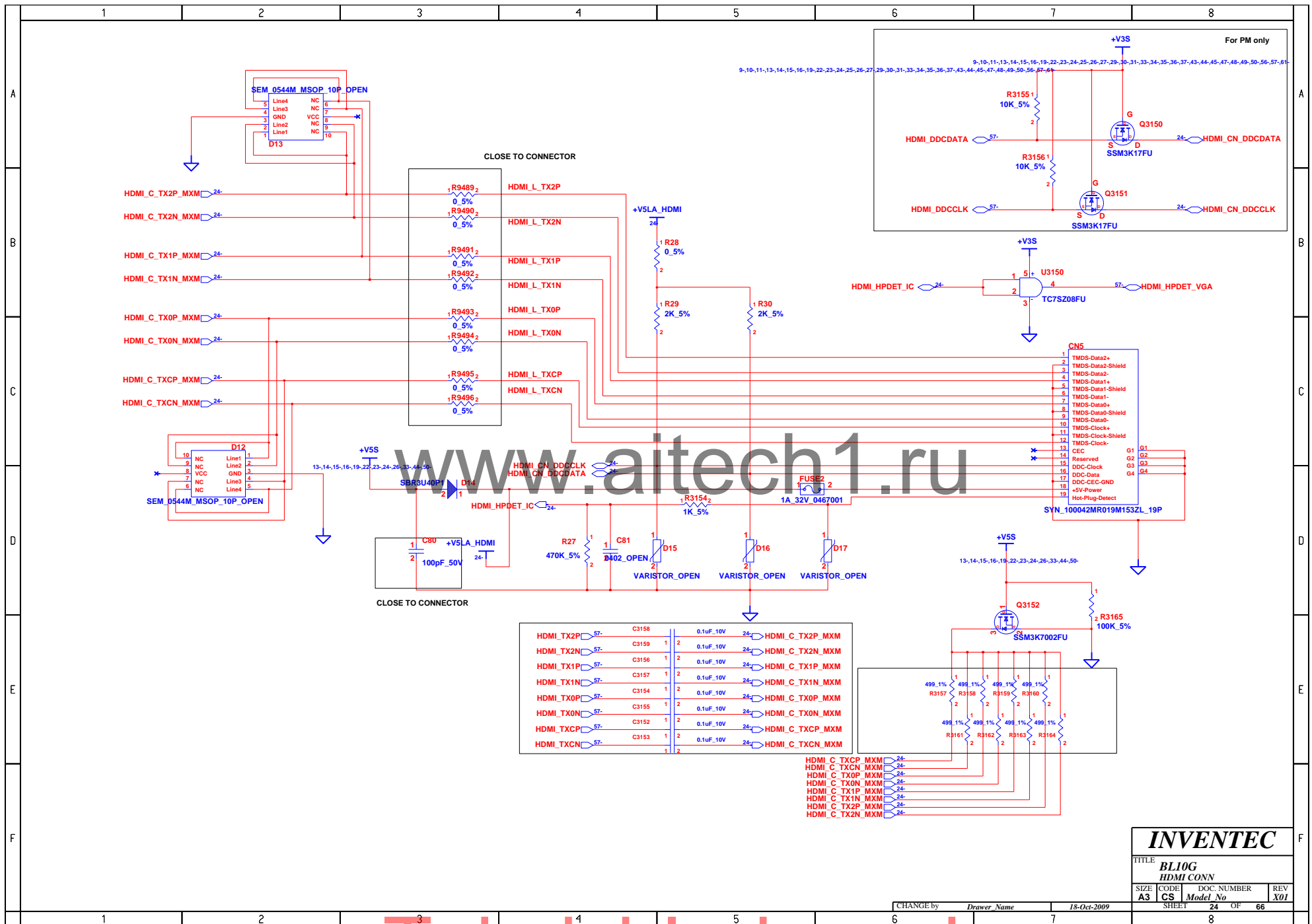
Port A Headphone



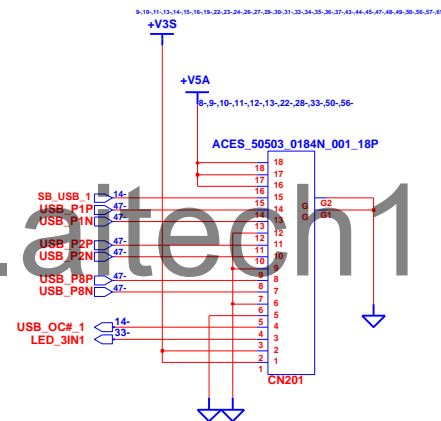
INVENTEC

TITLE			
BLI0G			
AUDIO AMP&MIC&SPEAKER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		Drawer Name	18-Oct-2009
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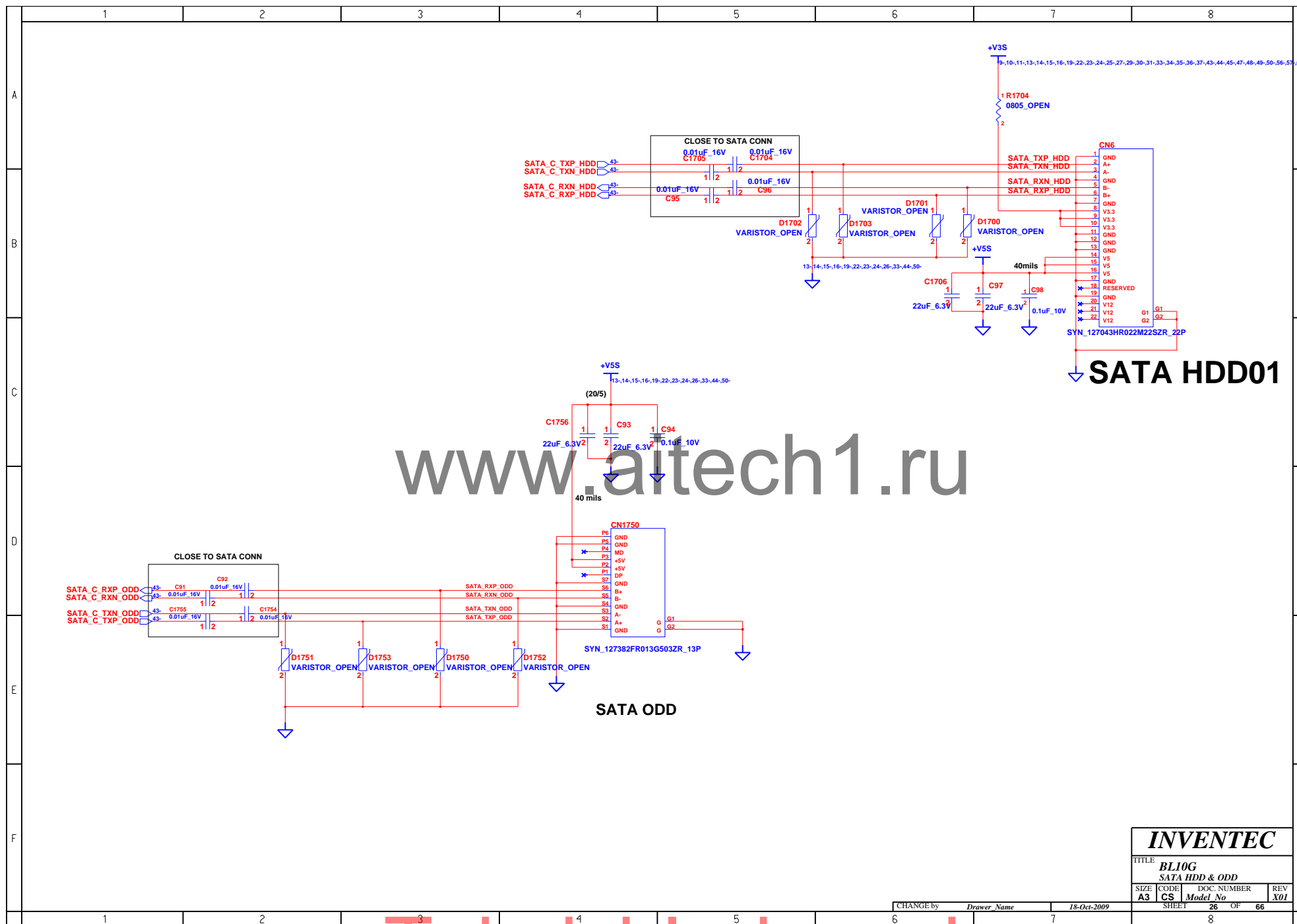




CardReader/USB Connector



INVENTEC			
TITLE			
BL10G			
Cardreader			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		Drawer Name	18-Oct-2009
SHEET		25	OF 66



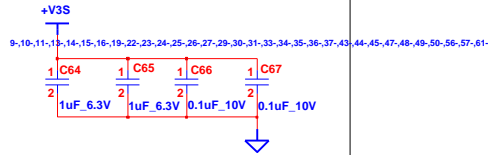
INVENTEC

TITLE			
BLI0G			
SATA HDD & ODD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

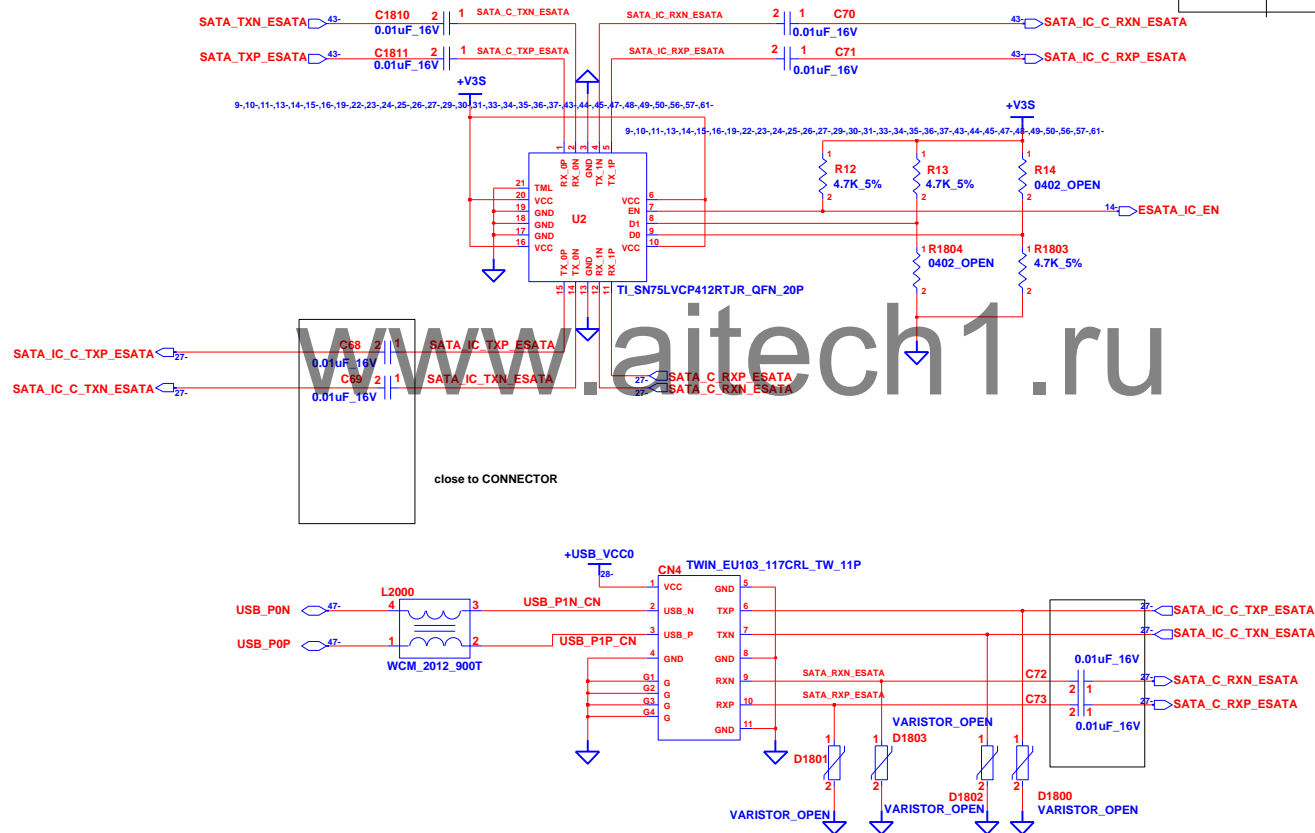
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CLOSE TO IC PINS



E-SATA

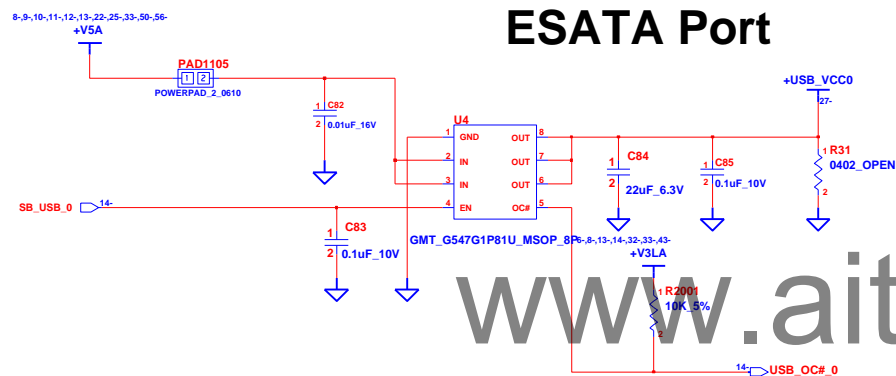
EN	D0	D1	FUNCTION
0	X	X	STANDBY
1	0	0	DEFAULT
1	1	0	CH0->5DB
1	0	1	CH1->5DB
1	1	1	CH0,1->5DB



INVENTEC

TITLE			
BL10G			
E-SATA			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
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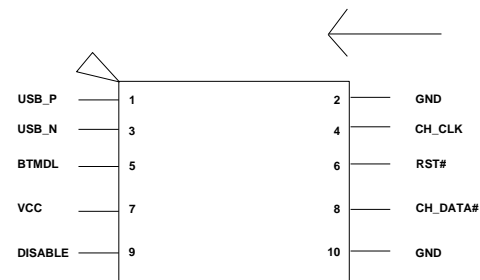
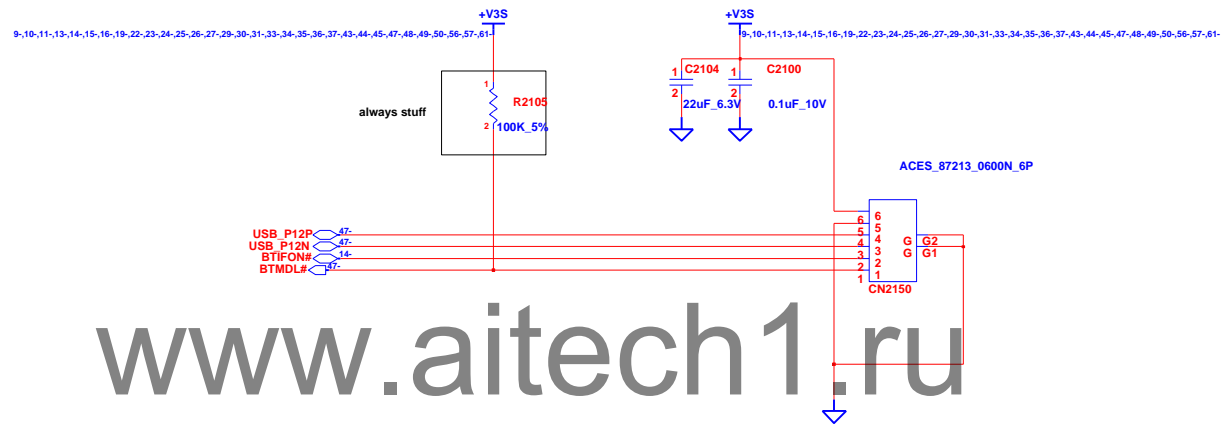


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INVENTEC			
TITLE BL10G USB CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Drawer Name* 18-Oct-2009

BLUETOOTH



A



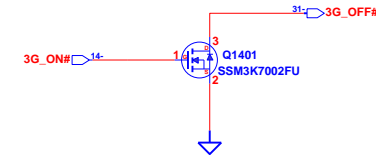
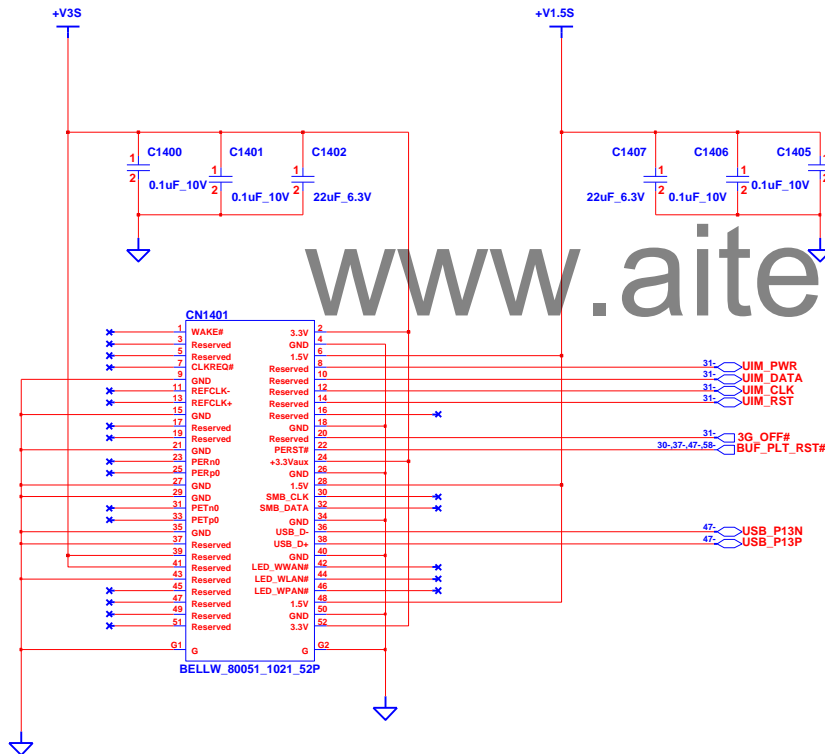
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F

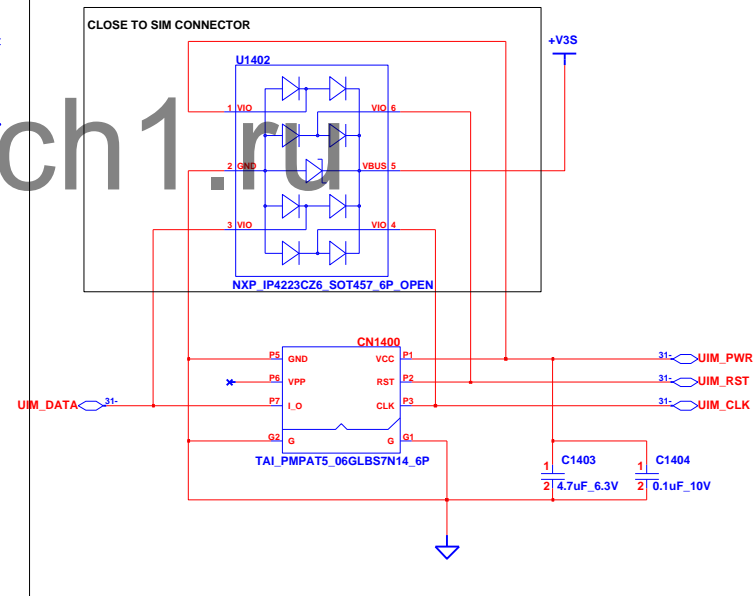
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3G/GPS

9-10-11-13-14-15-16-19-22-23-24-25-26-27-29-30-31-33-34-35-36-37-43-44-45-47-48-49-50-56-57-61- 13-30-



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MINI CARD 2

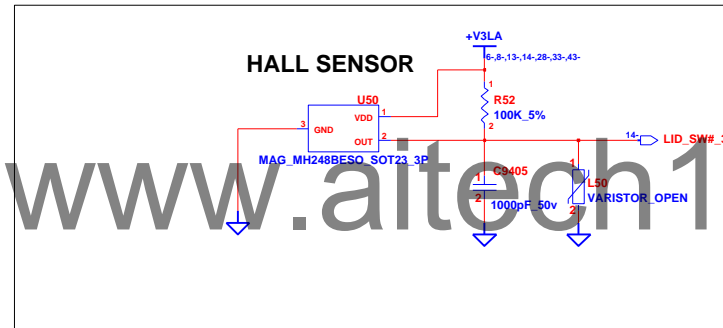
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TITLE
BL10G

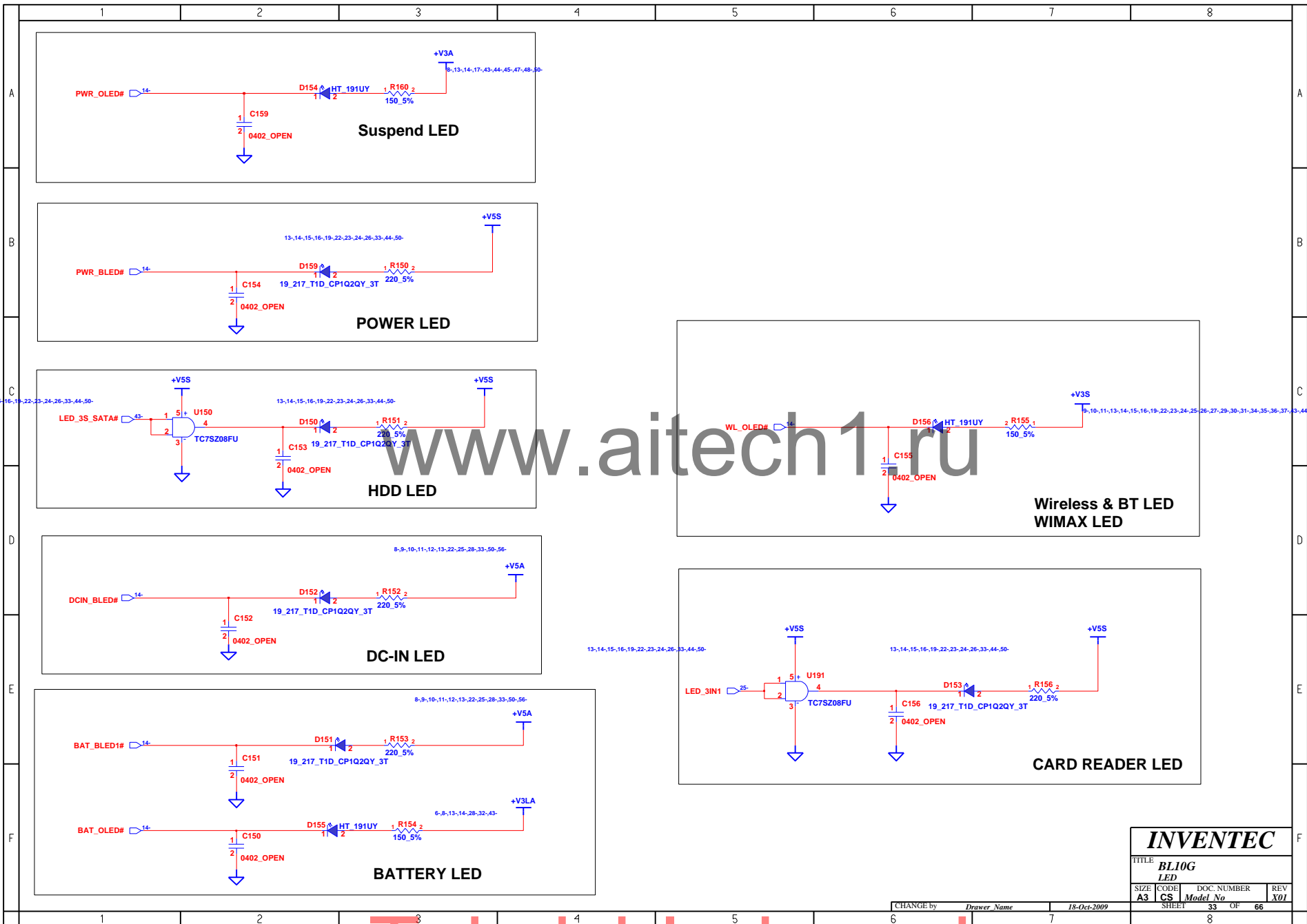
SIZE CODE DOC. NUMBER REV
A3 CS Model No

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CHANGE by Drawer Name 18-Oct-2009

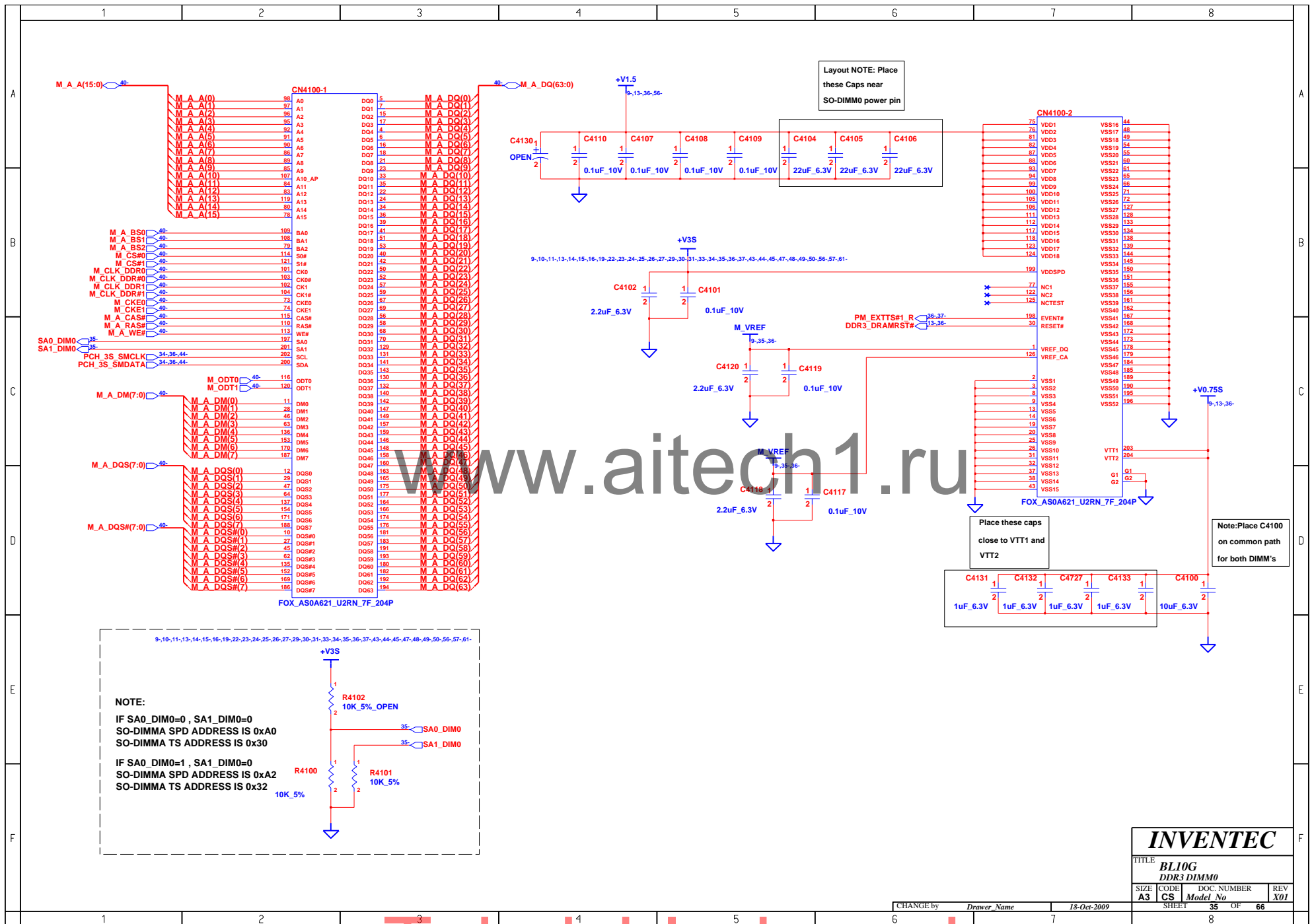


INVENTEC			
TITLE			
BL10G			
LID SW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		Drawer Name	18-Oct-2009
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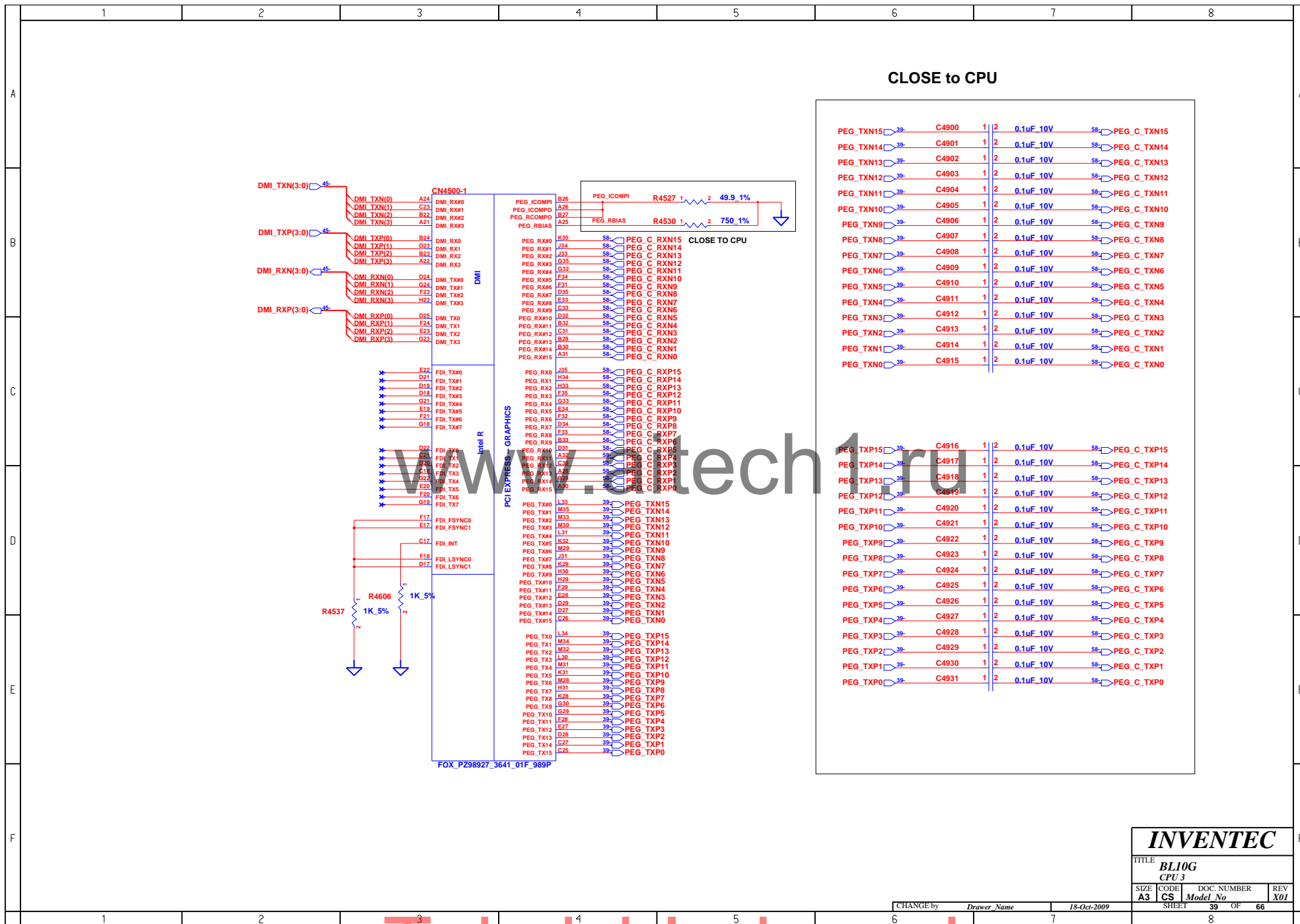


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TITLE BLI0G LED			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Drawer Name* 18-Oct-2009

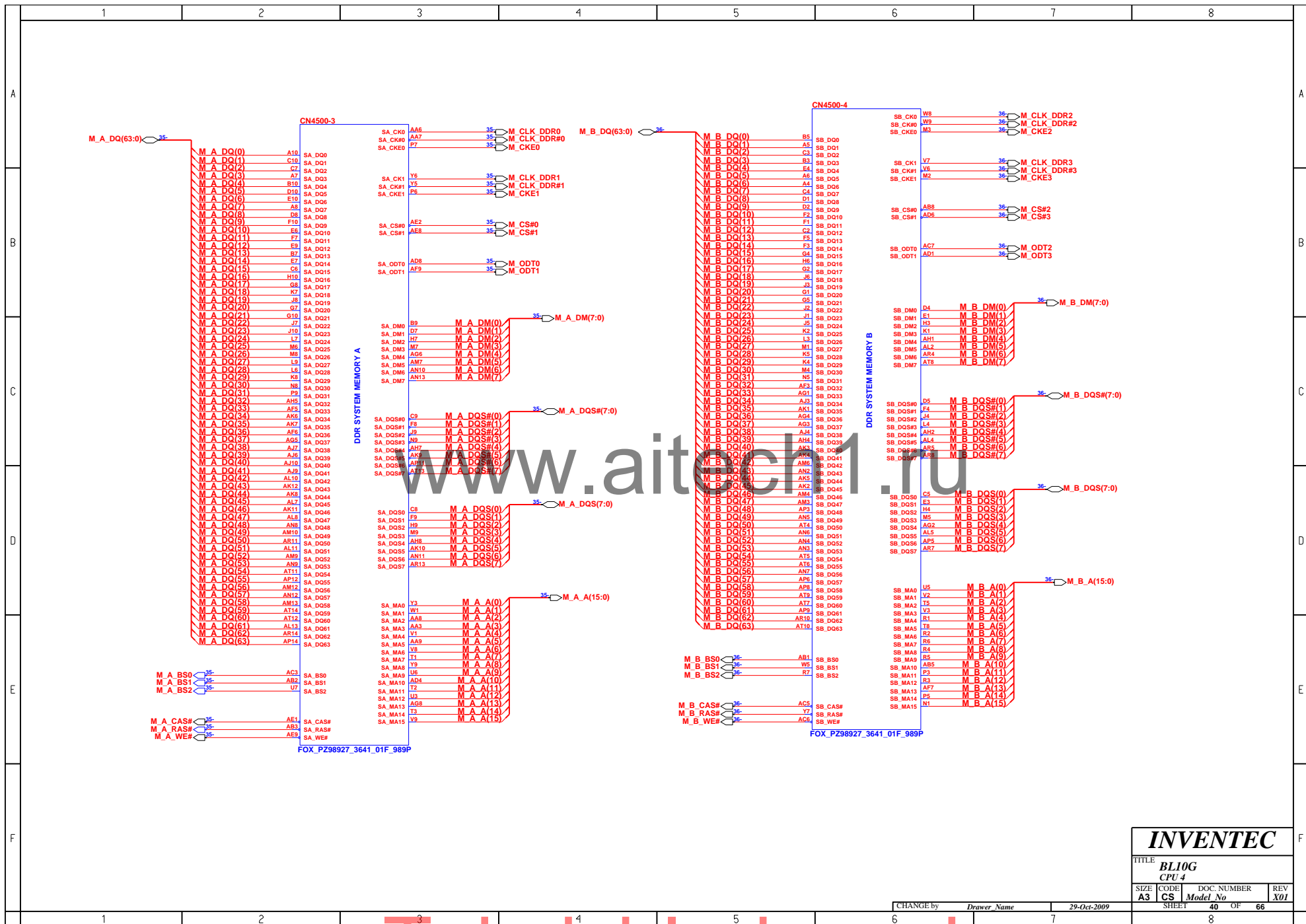






INVENTEC

TITLE BLI0G CPU 3			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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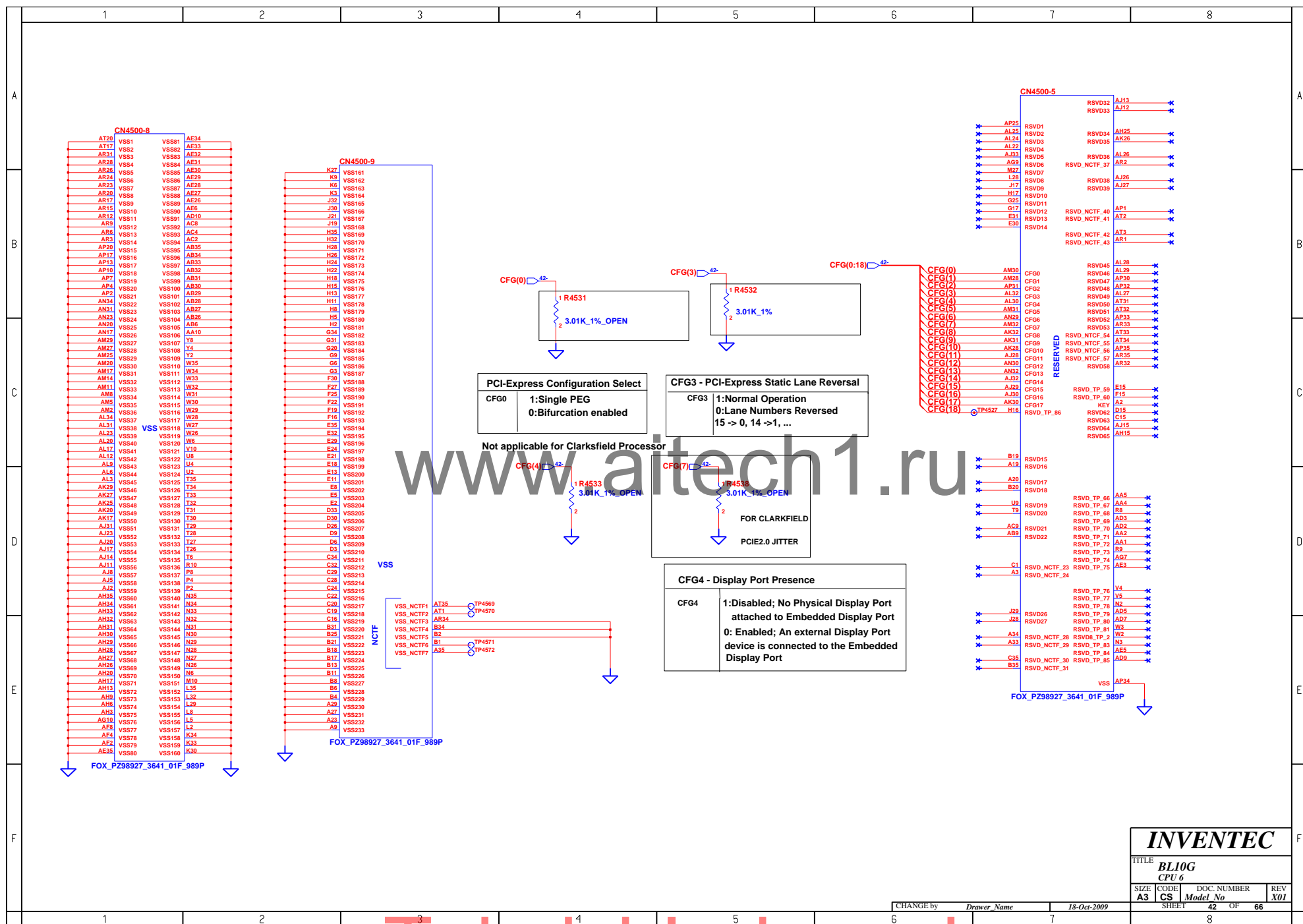
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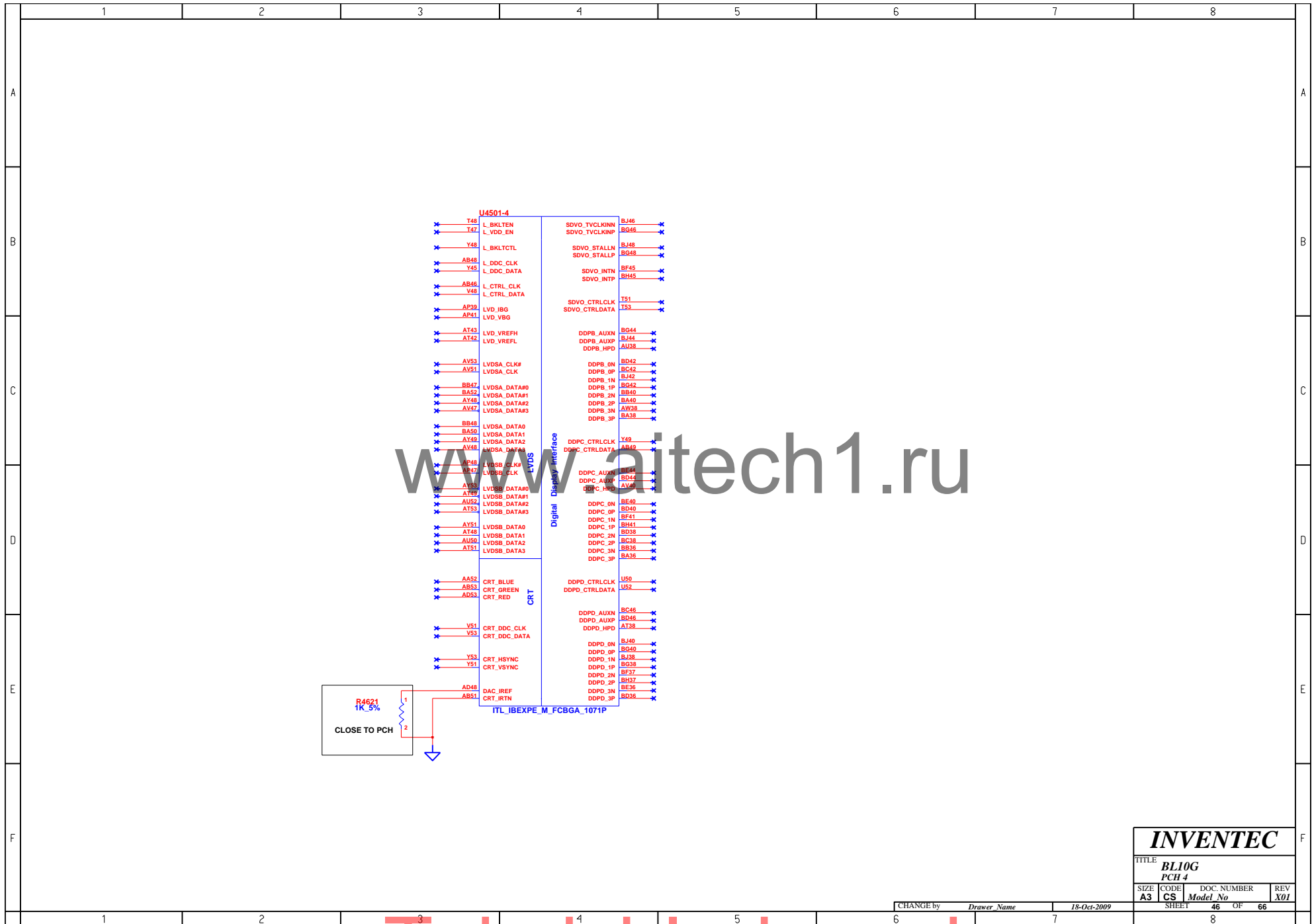
TITLE
**BL10G
CPU 4**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 29-Oct-2009

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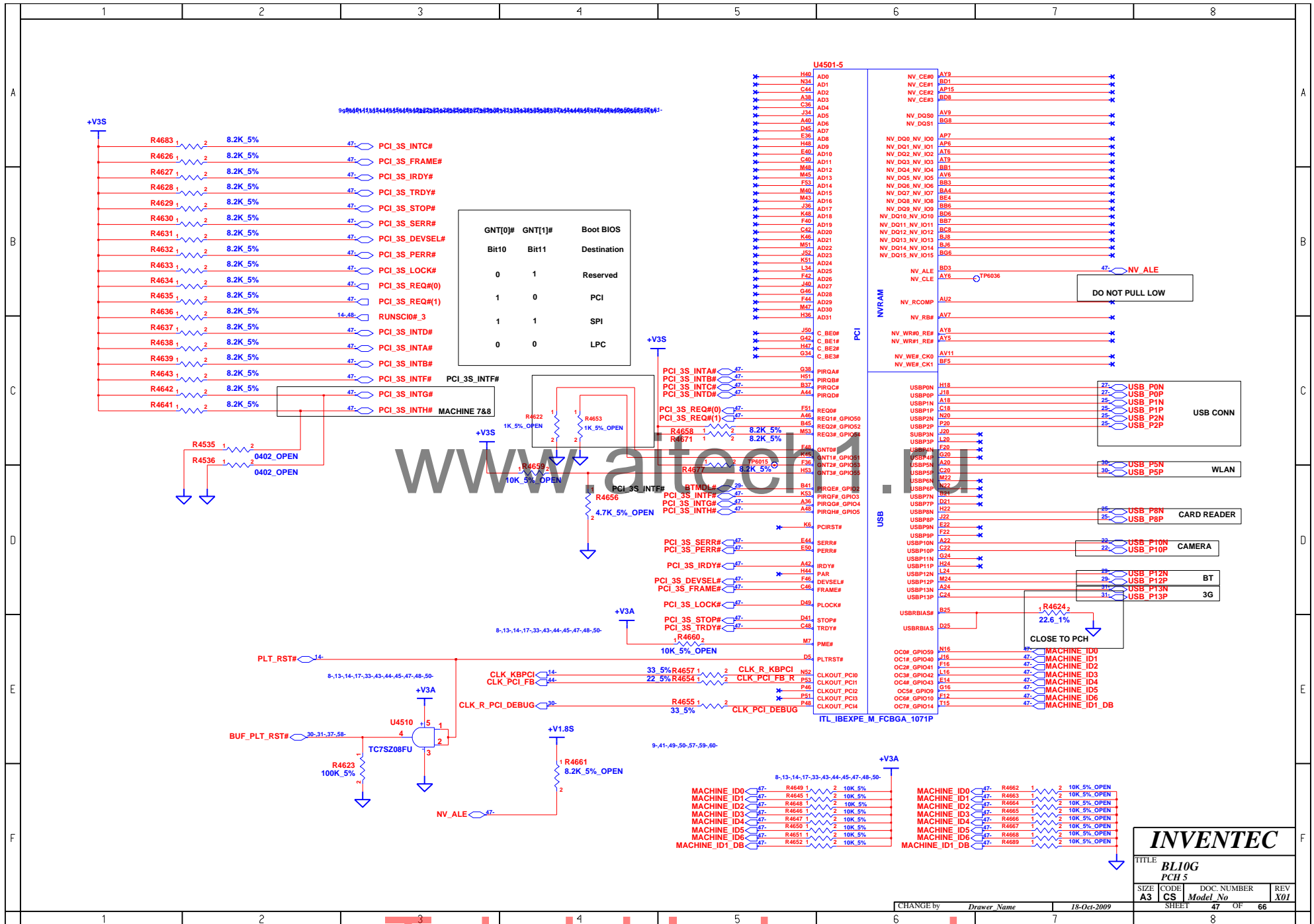


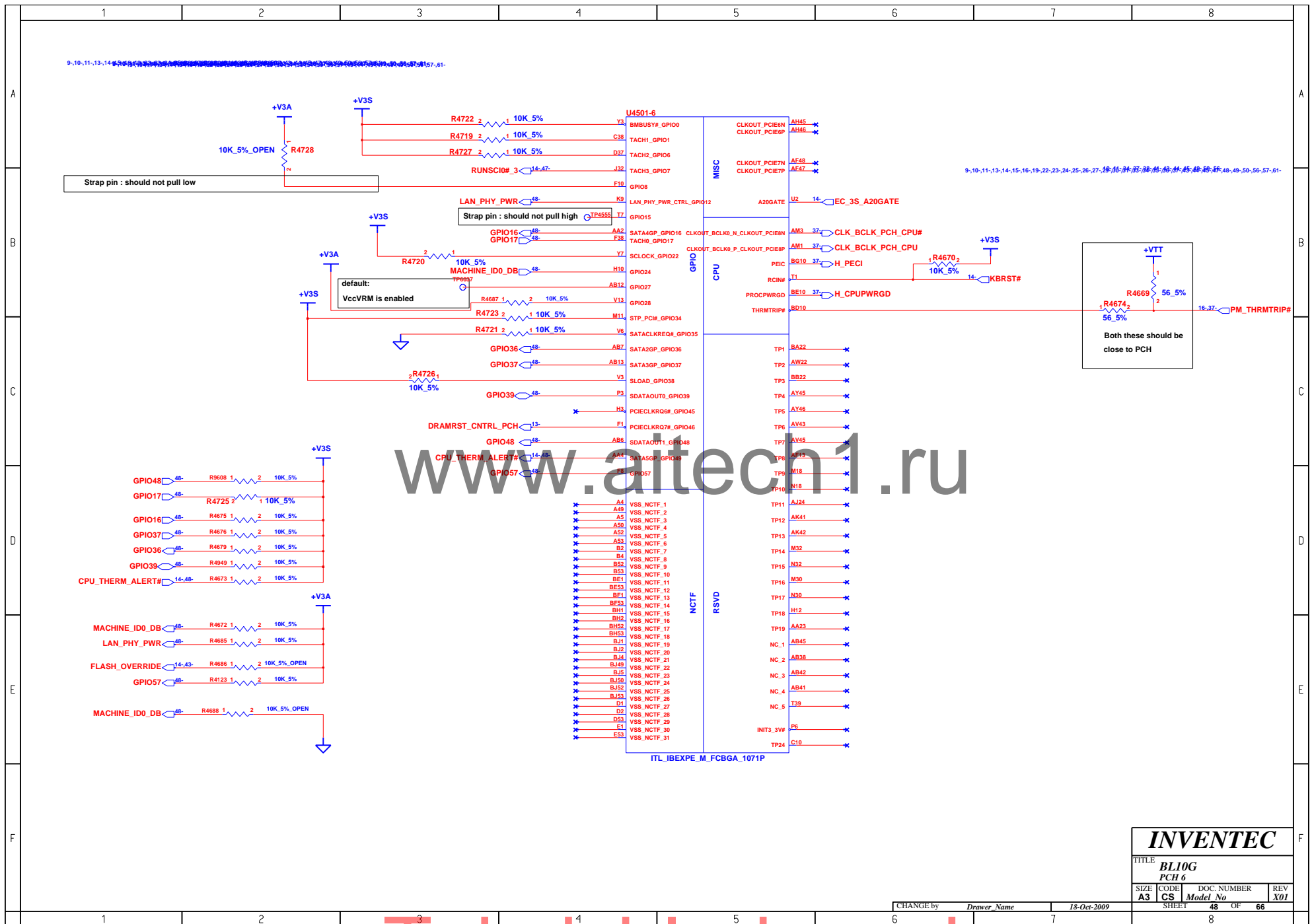


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TITLE BL10G PCH 4			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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CHANGE by *Drawer Name* 18-Oct-2009





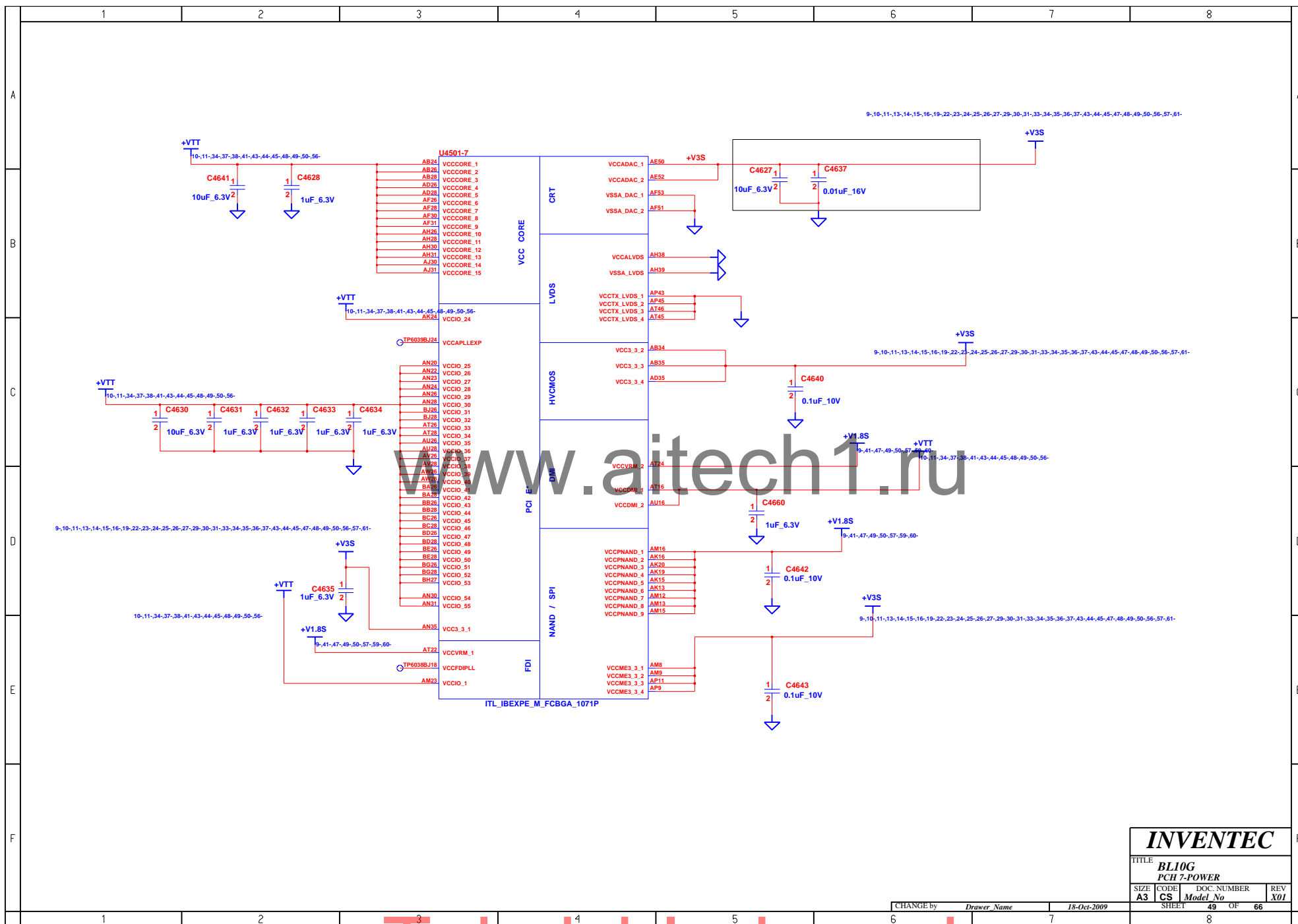
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TITLE
BL10G
PCH 6

SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Drawer Name* 18-Oct-2009

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INVENTEC

TITLE			
BLI0G			
PCH 7-POWER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

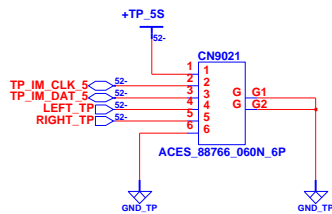
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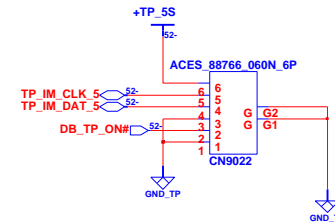
PICK BUTTON BOARD

(For - Touchpad Module, Touchpad Switch Board, Fingerprint Module)

Connect to Touchpad Module

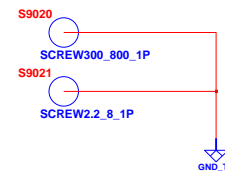
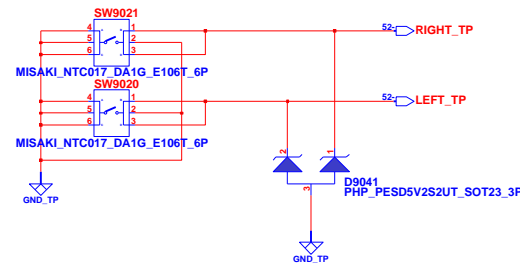
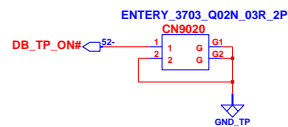


Connect to Mainboard's TP connector



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Connect to Touchpad Switch Board



INVENTEC

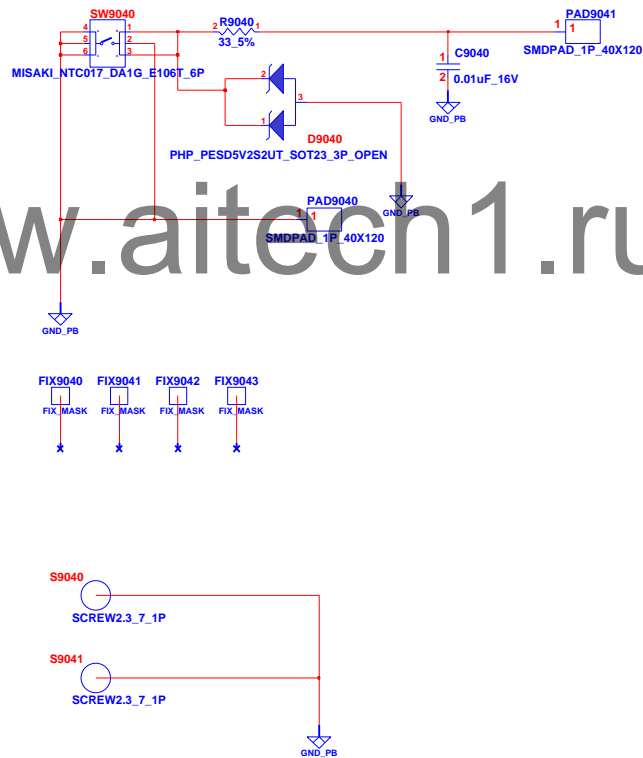
TITLE BL10G Hot key board			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Drawer Name* 20-Jan-2010

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TOUCHPAD SWITCH BOARD

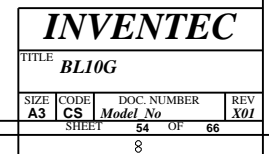
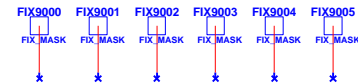
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INVENTEC

TITLE BL10G Touch pad			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 53		OF 66	

CHANGE by *Drawer Name* 20-Jan-2010



A



B



C



3

7

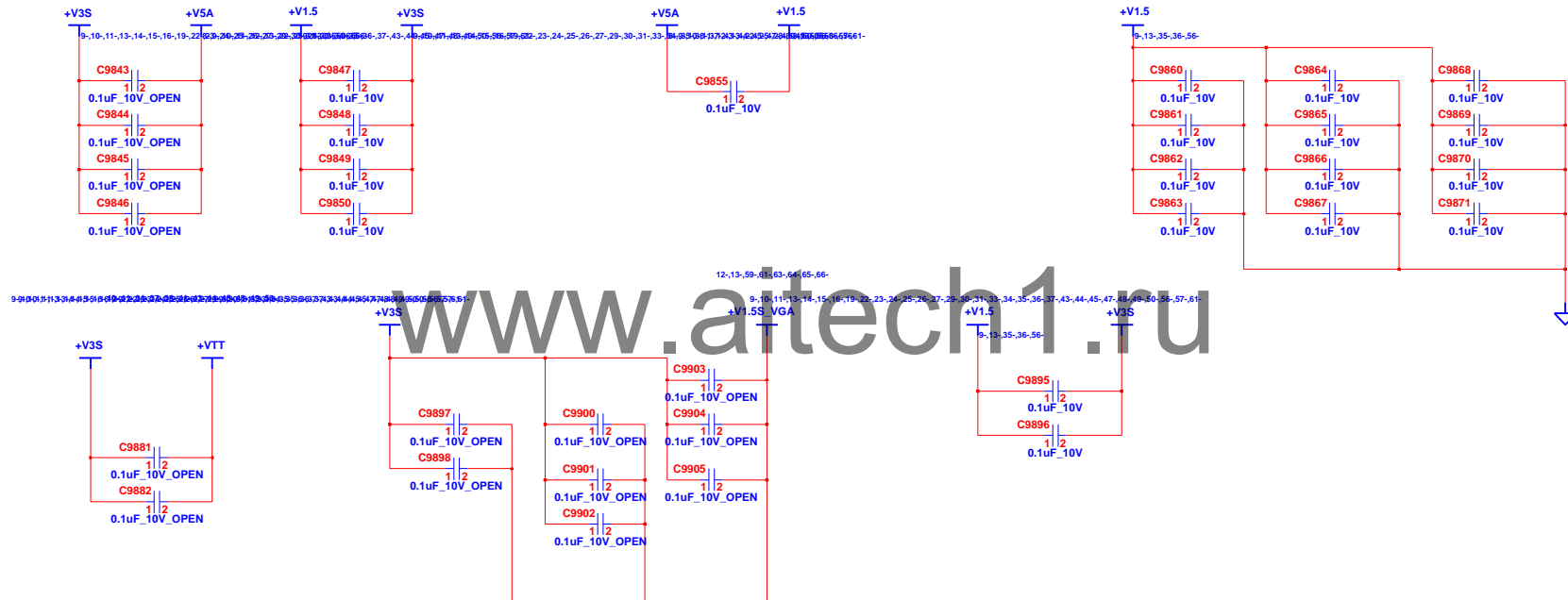
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CHANGE by	<i>Drawer Name</i>	<i>18-Oct-2009</i>
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2 3 4 5 6 7

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EMI

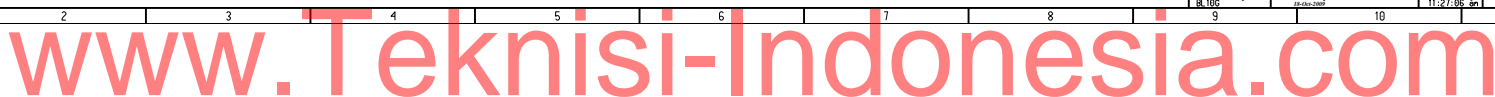


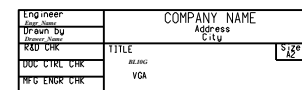
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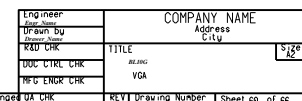
TITLE
BL10G
EMI

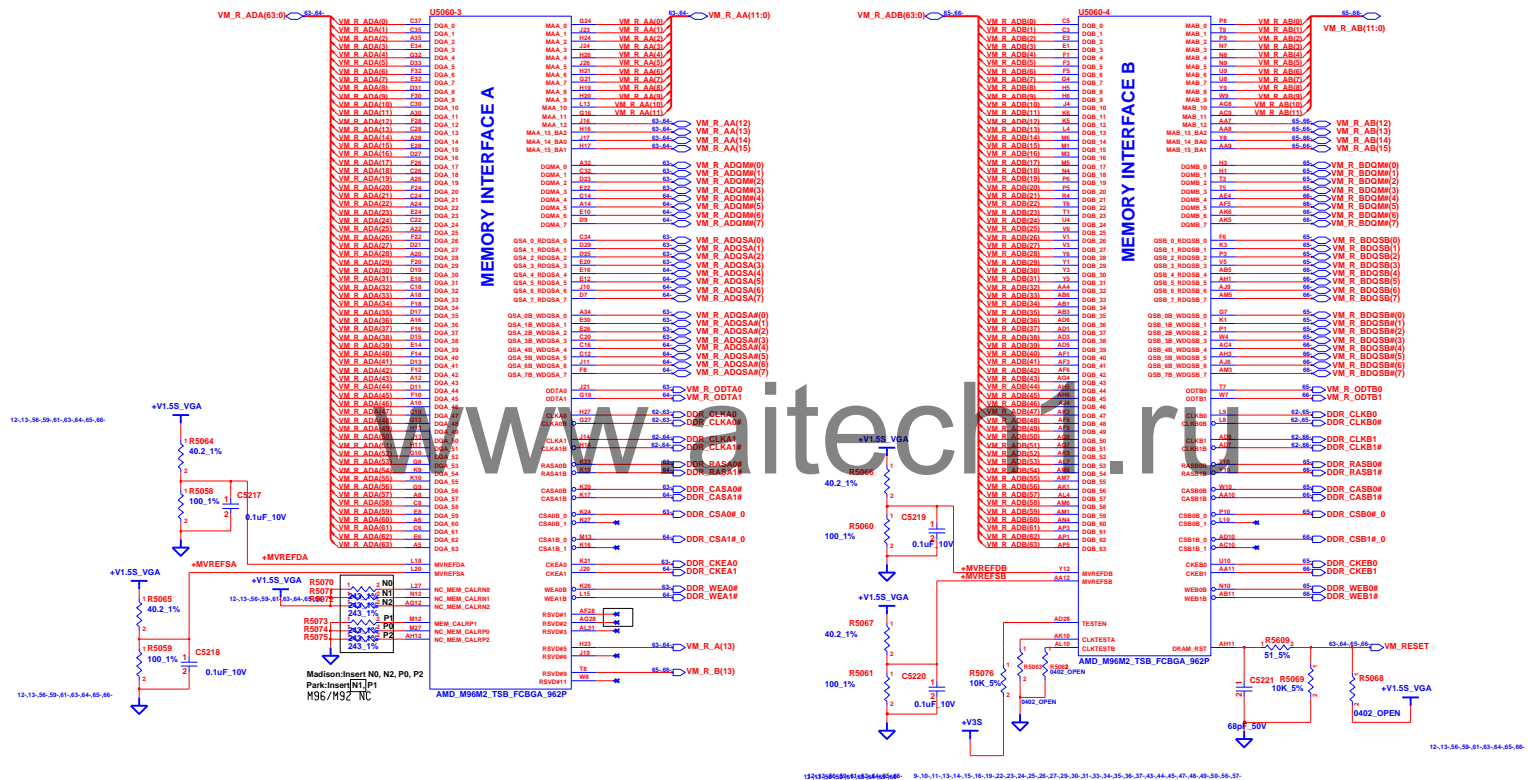
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A3 CS Model No 56 OF 66 **X01**

CHANGE by *Drawer Name* 18-Oct-2009

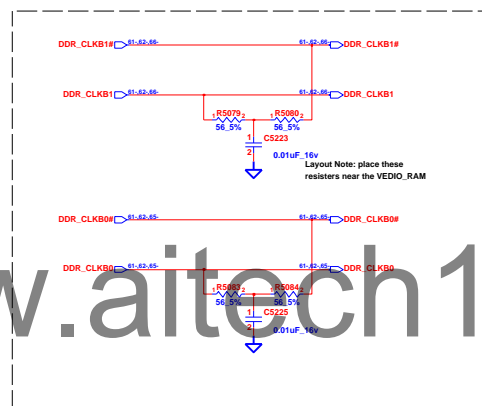






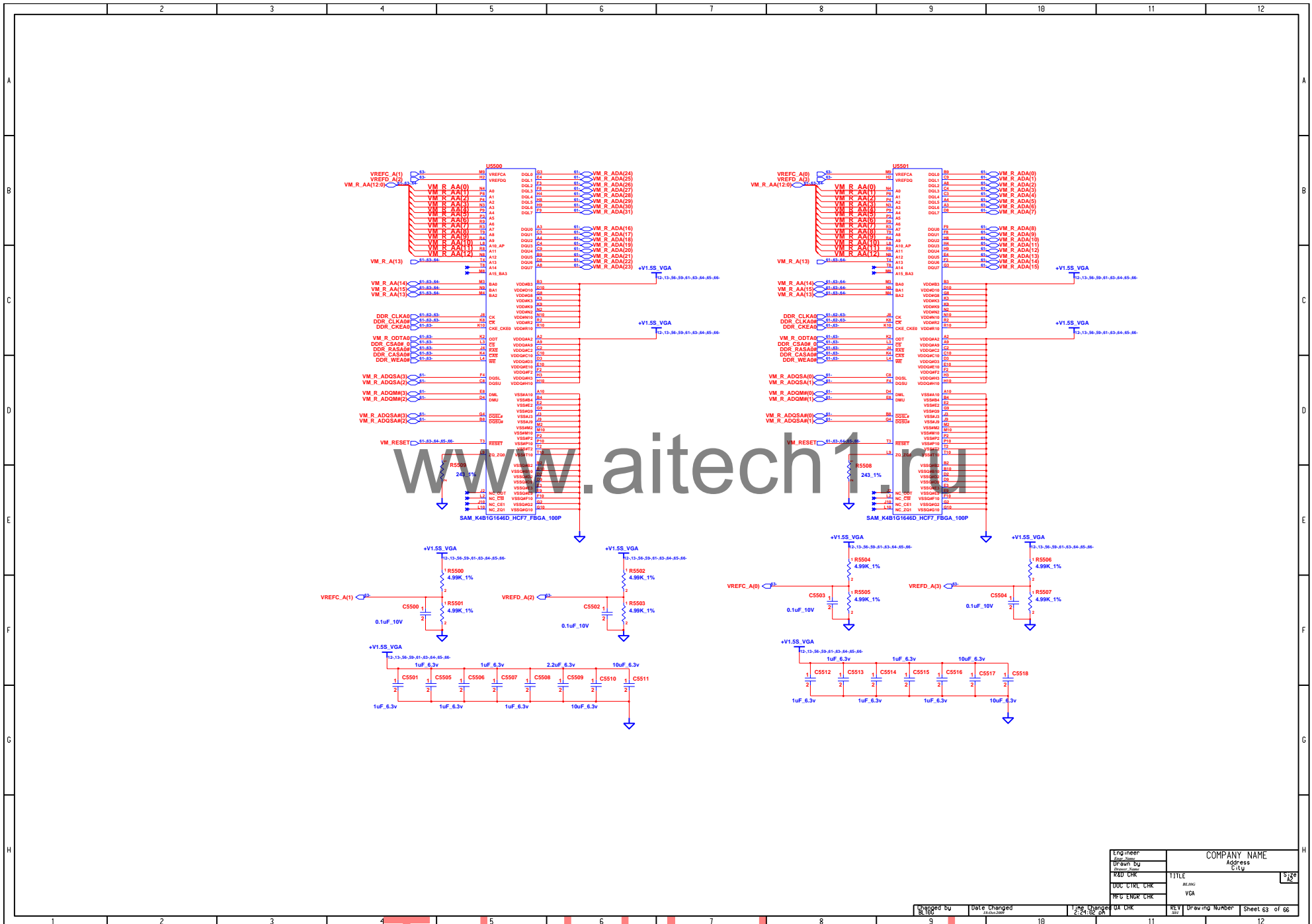


Engineer	COMPANY NAME
Drawn by	City
Rev. 1	1/15/2015
DATE	1/15/2015
DATE	VGA
DATE	REV
DATE	Drawing Number
DATE	Sheet 61 of 66

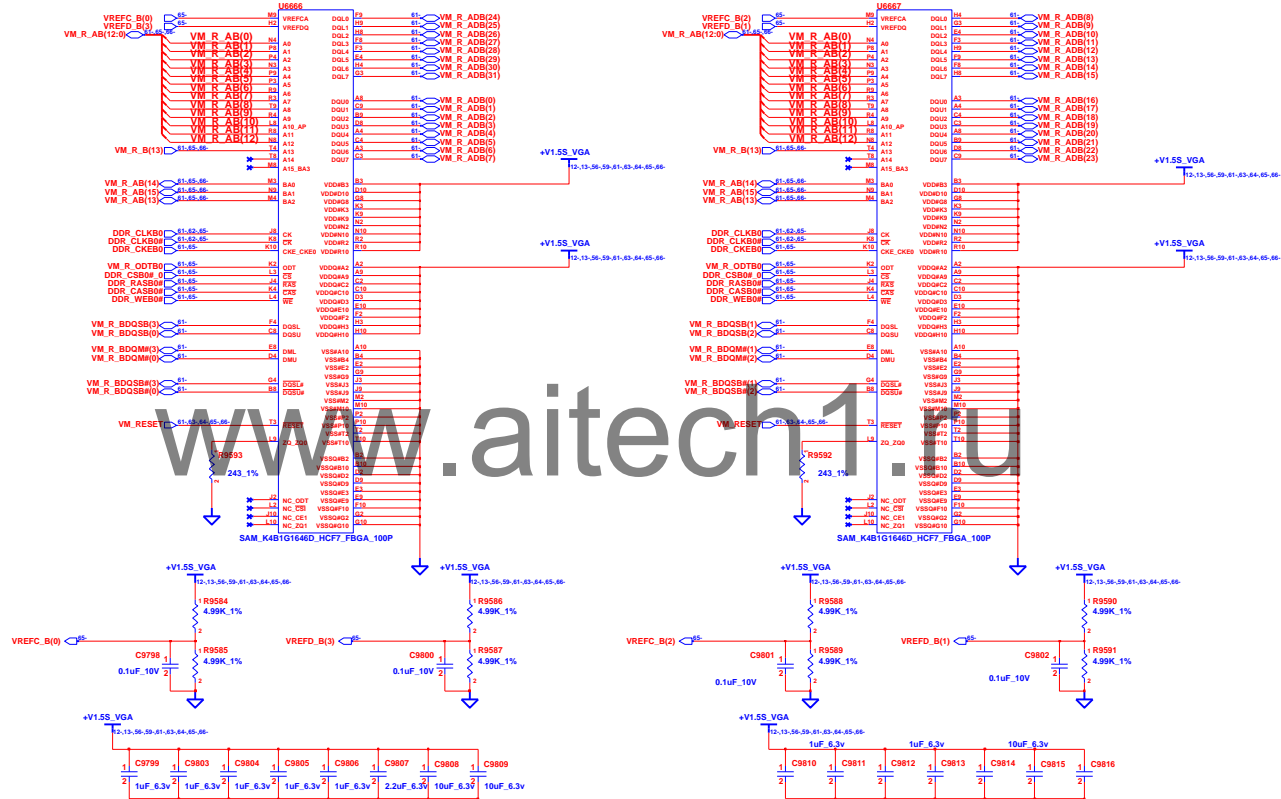


	M96/M92 R5003 Sluff
	Madison/Park R5003 No Sluff

Engineer <i>Engr Name</i>	COMPANY NAME	
Drawn by <i>Drawn Name</i>	Address	Size <i>h2</i>
R&D CHK	City	
	TITLE	
DOC CTRL CHK	BLDG	
MFG ENGR CHK	VGA	



M92 Use channel B



Engineer <i>Engr Name</i>	COMPANY NAME Address City TITLE RELNG VGA	Size A2
Drawn by <i>Drawr Name</i>		
R&D CHK		
DOC CTRL CHK		
MFG ENGR CHK		

