

2010.03.18

DRAWER		EE	DATE	POWER	DATE	<div style="text-align: center;"> <h1>INVENTEC</h1> <h2>BL10G</h2> </div>
DESIGN						
CHECK						
RESPONSIBLE						
<div style="display: flex; justify-content: space-between;"> SIZE : 3 VER : </div> <div style="display: flex; justify-content: space-between;"> FILE NAME : XXXX-XXXXXX-XX P/N : XXXXXXXXXXXXX </div>						<div style="display: flex; justify-content: space-between;"> SIZE A3 CODE CS DOC. NUMBER Model No REV X01 </div> <div style="display: flex; justify-content: space-between;"> SHEET 1 OF 66 </div>

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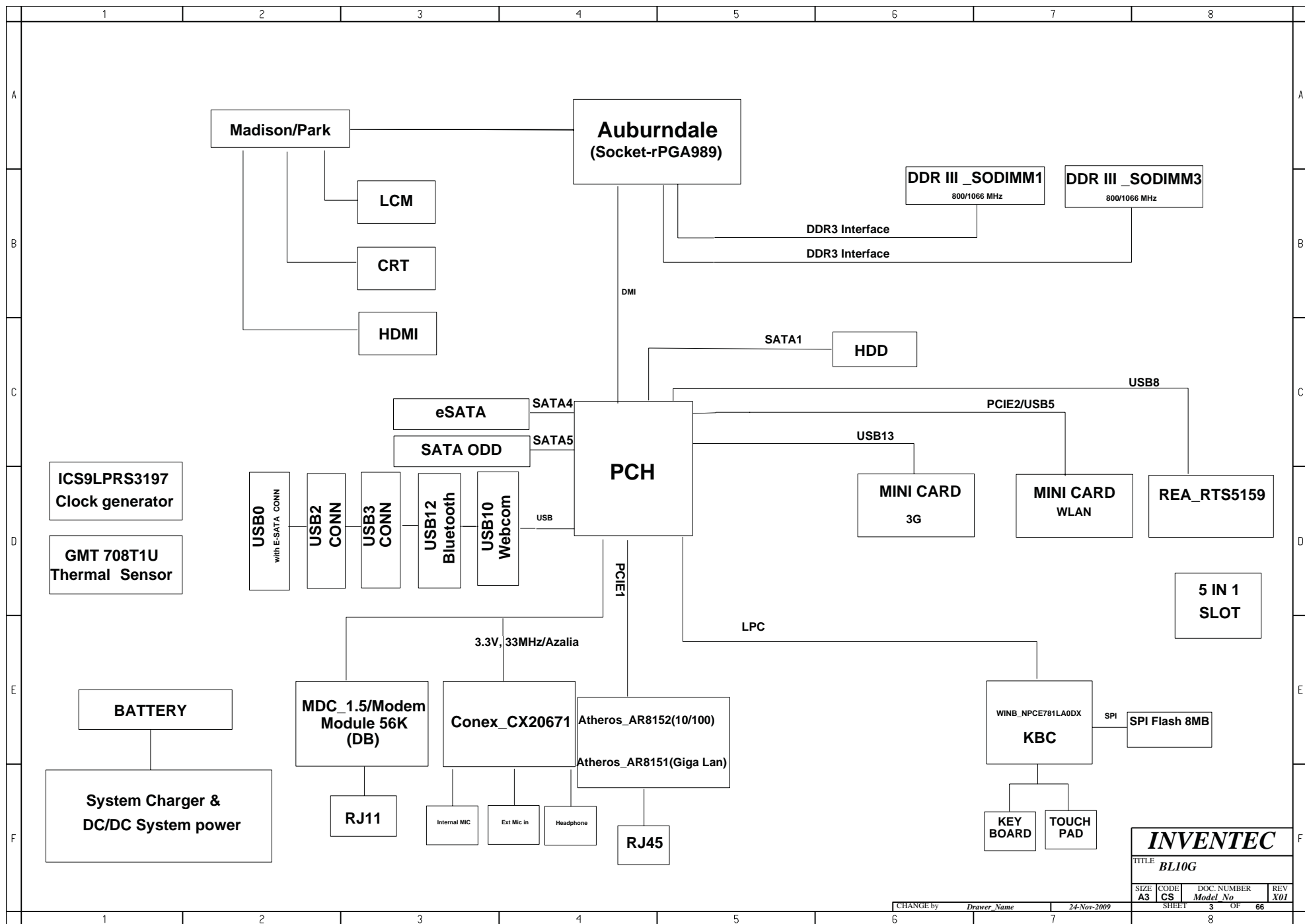
INVENTEC

TITLE
BL10G

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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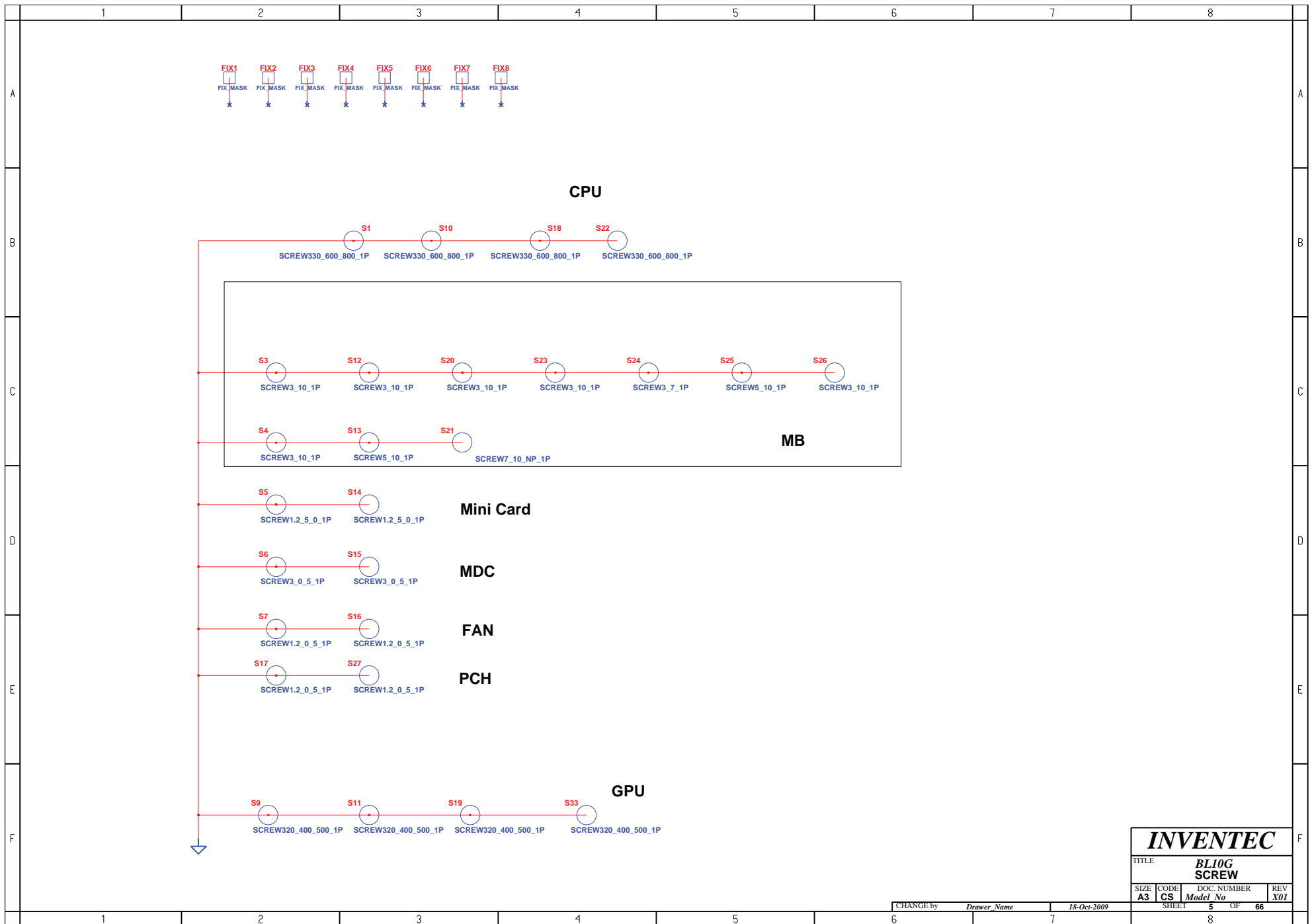
8



INVENTEC			
TITLE BL10G			
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CHANGE by Drawer Name		24-Nov-2009	
SHEET 3		OF 66	

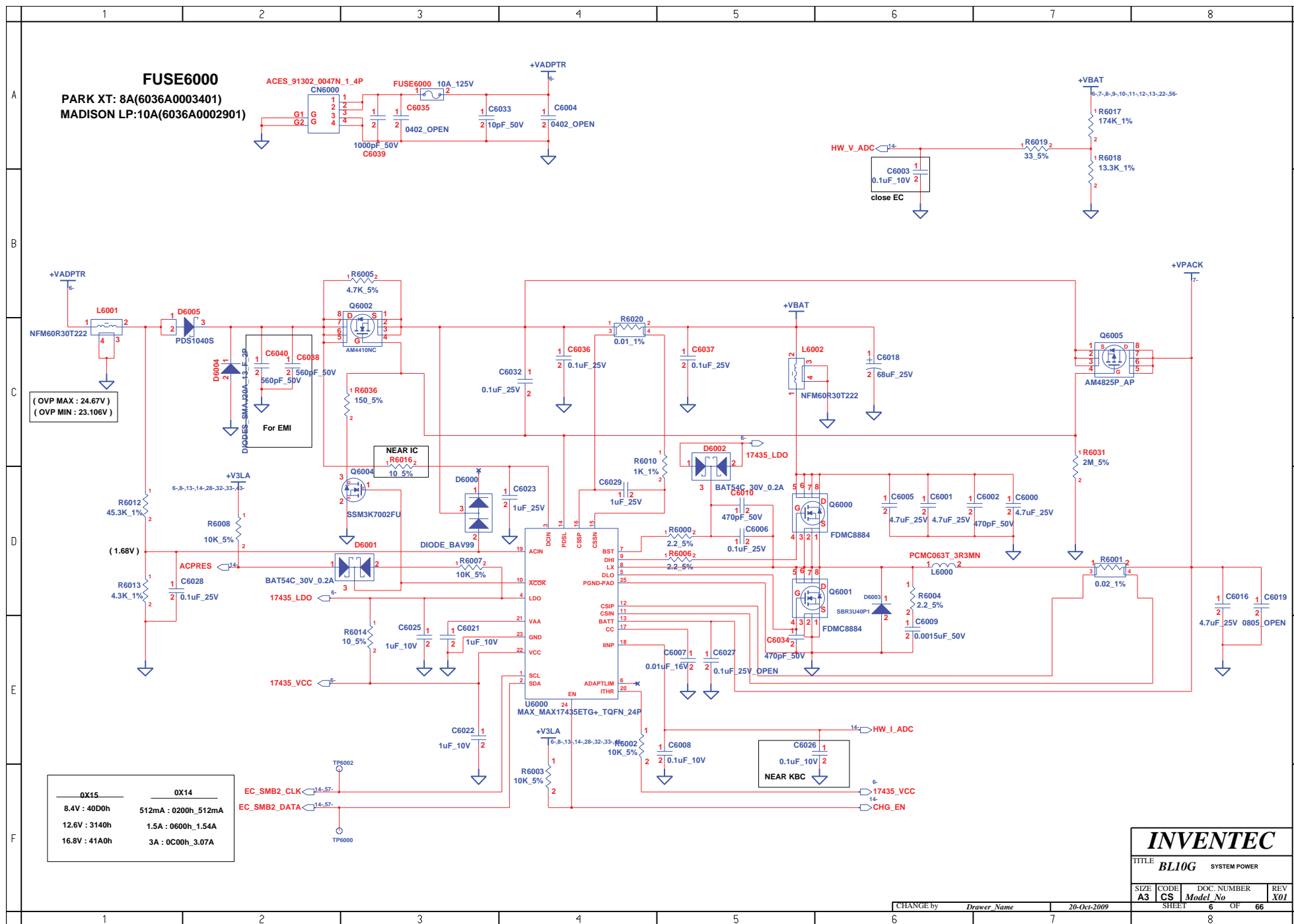
	1	2	3	4	5	6	7	8	
A									A
B									B
C	Need to update power map.								C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

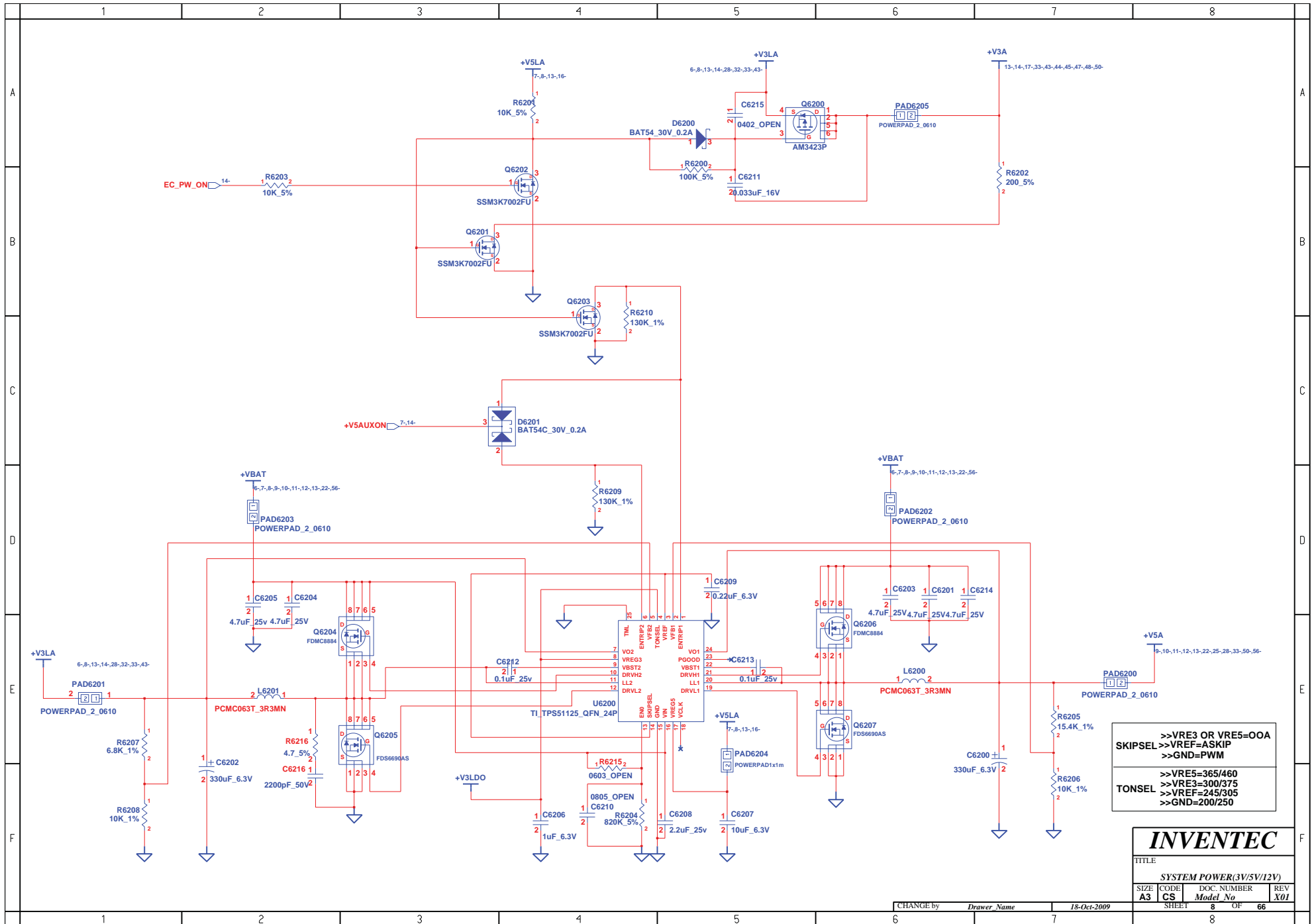
INVENTEC			
TITLE BL10G			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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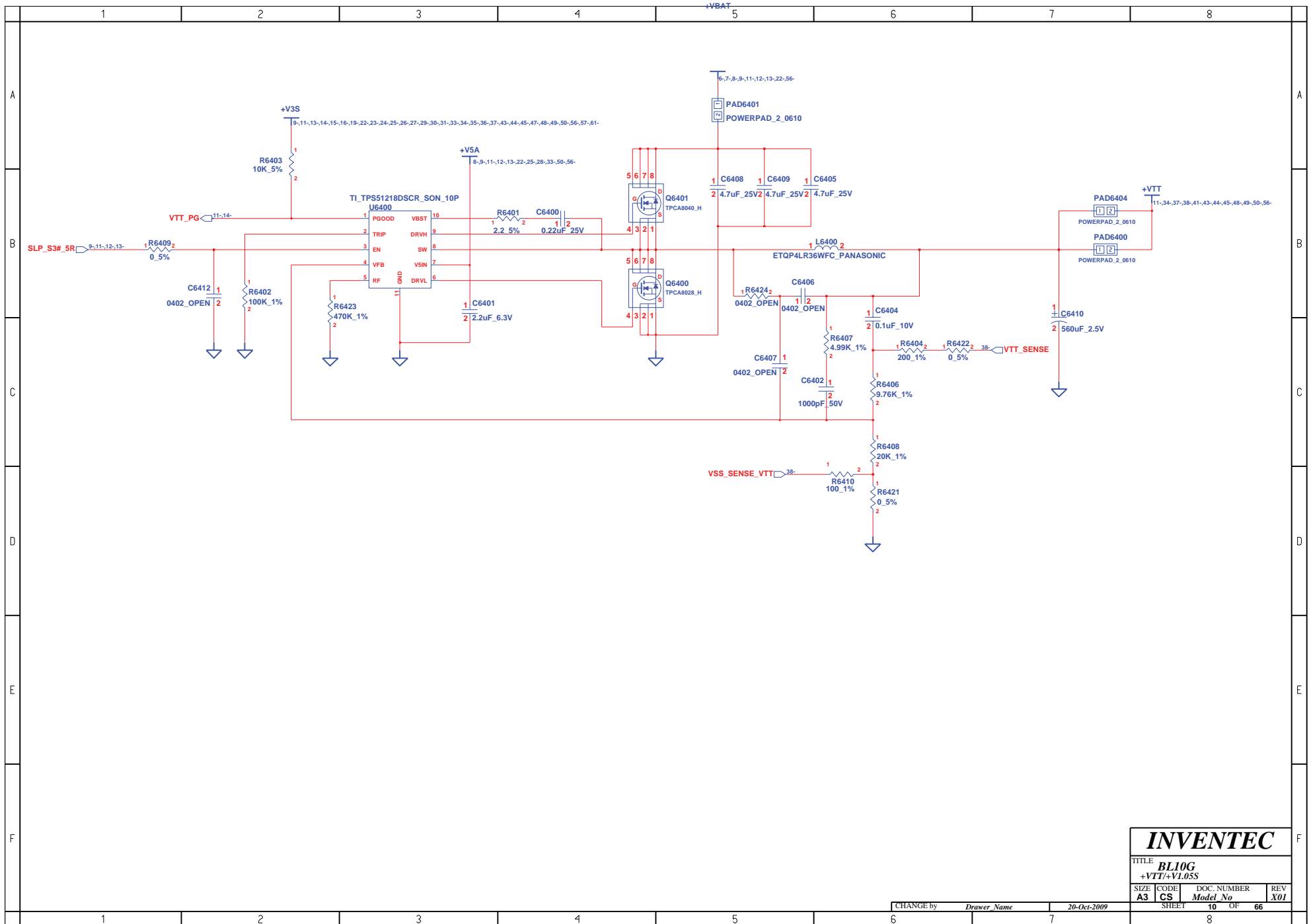


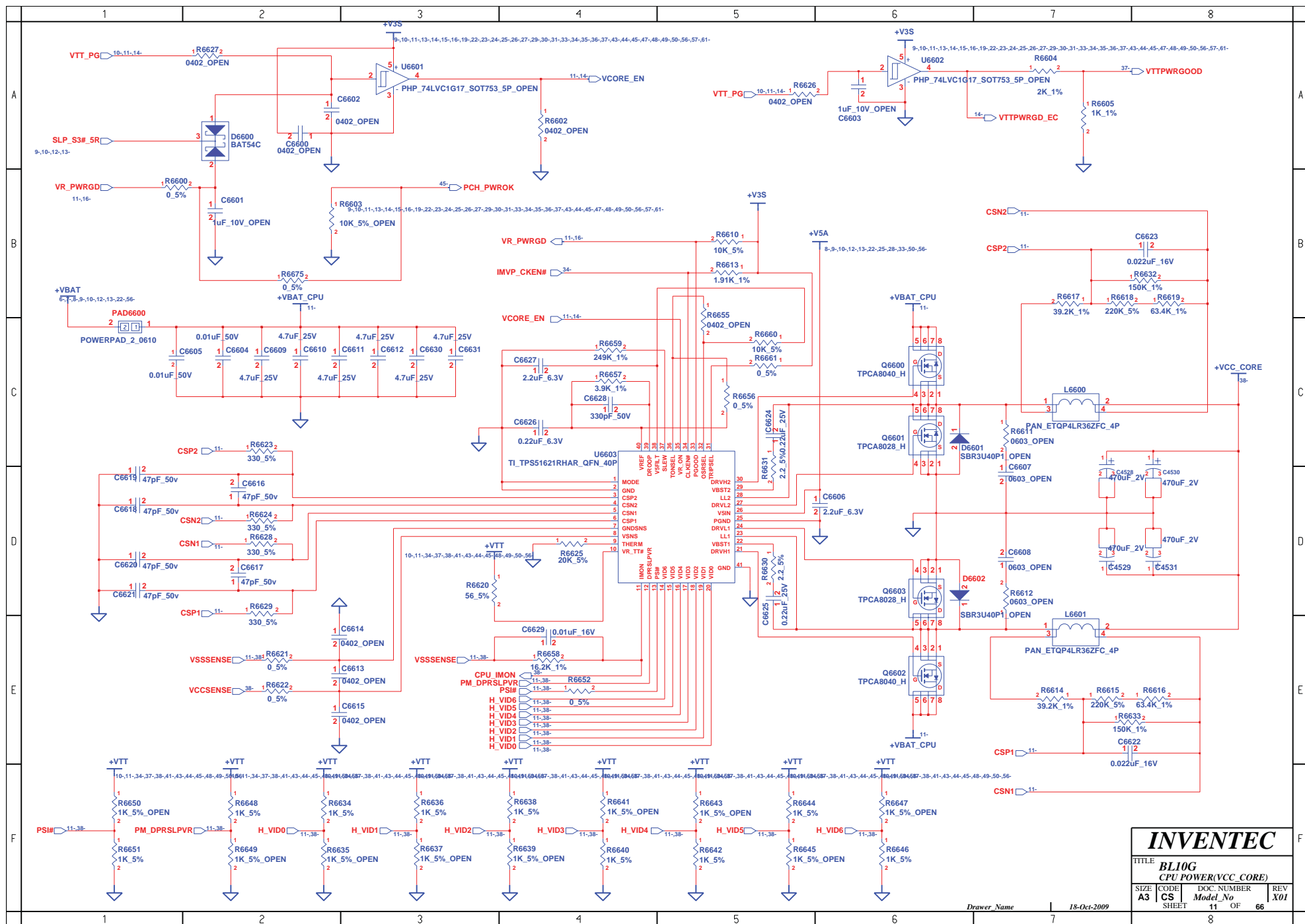
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SIZE A3	CODE CS	DOC NUMBER Model No	REV X01
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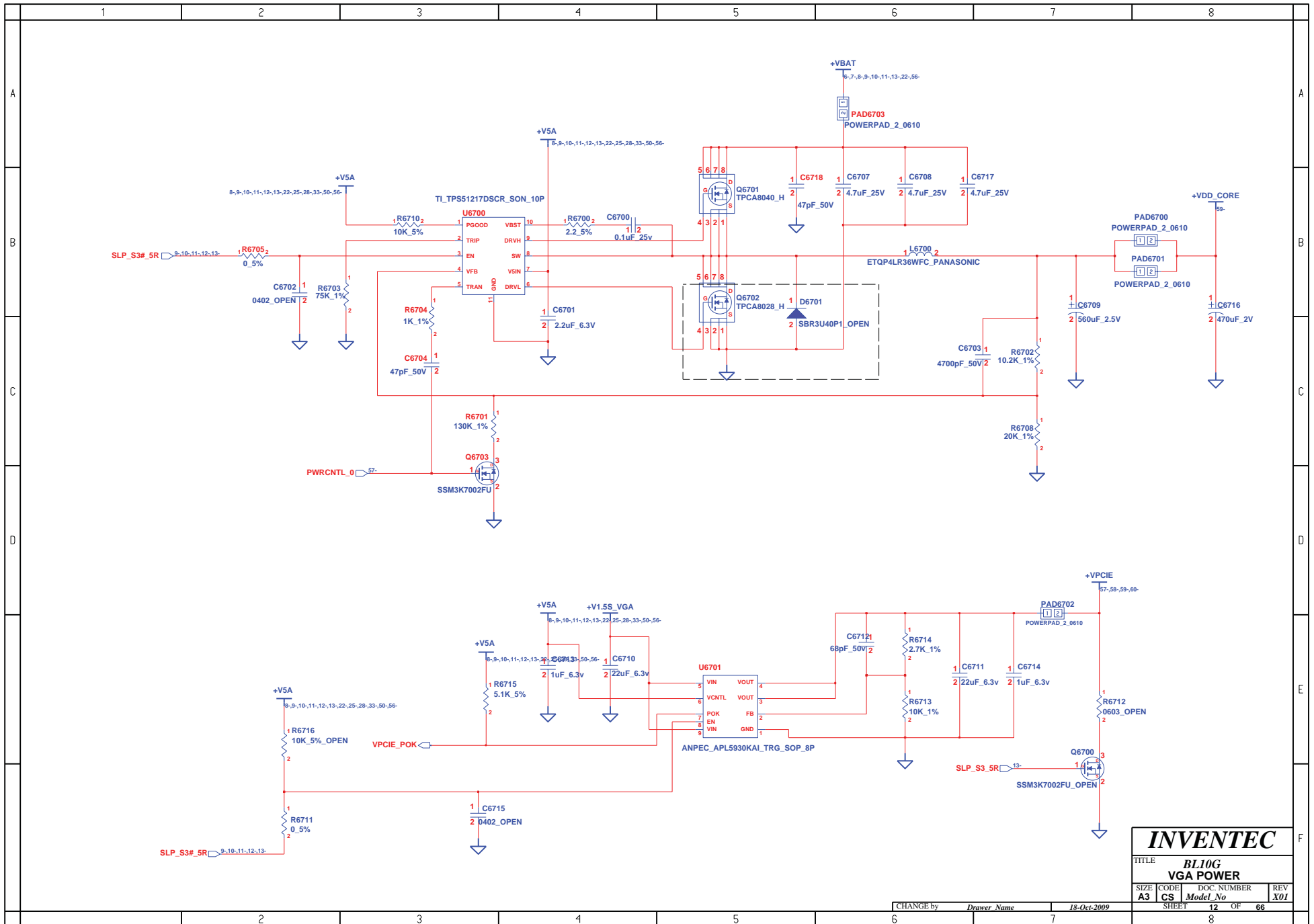
CHANGE by Drawer Name 18-Oct-2009





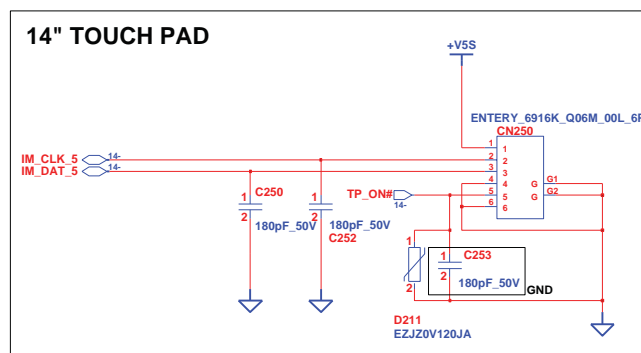
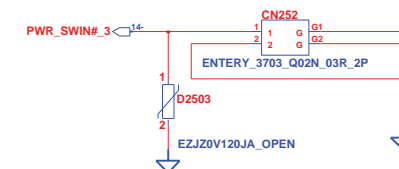
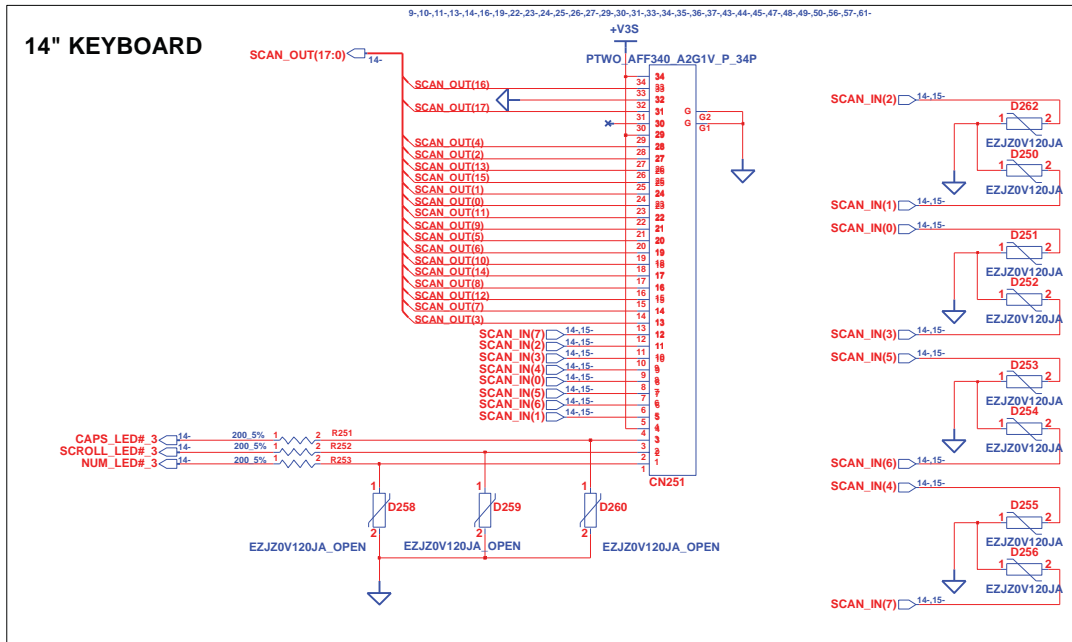




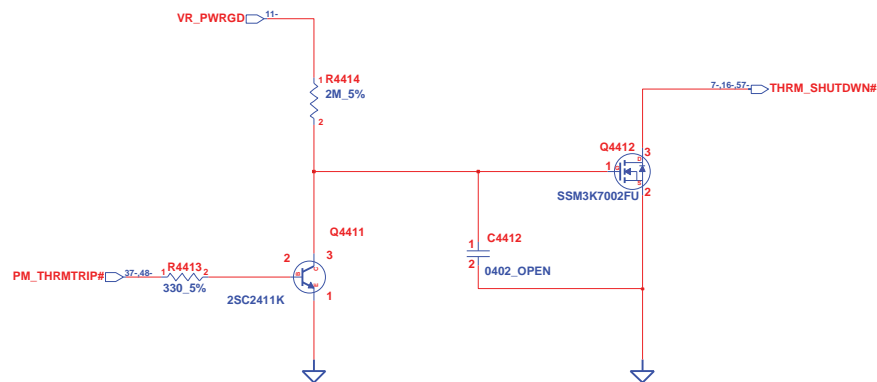
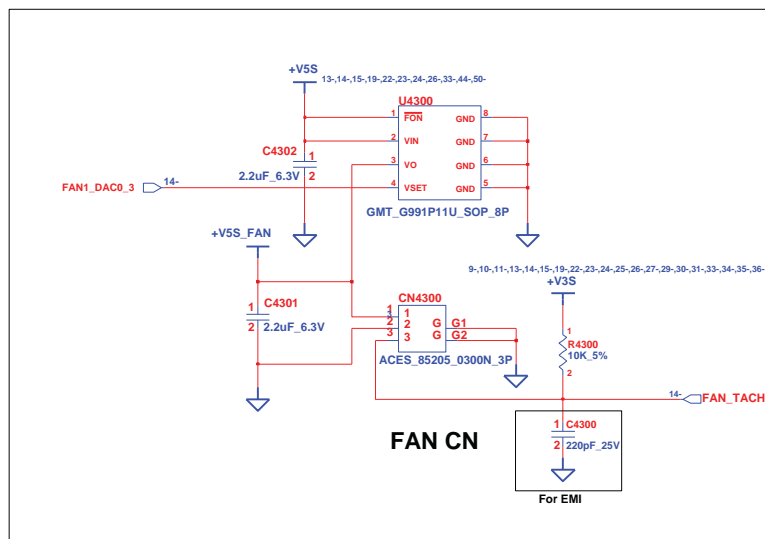


INVENTEC			
TITLE BL10G VGA POWER			
SIZE A3	CODE CS	DOC NUMBER Model No	REV X01
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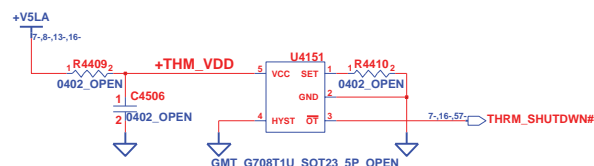
CHANGE by *Drawer Name* 18-Oct-2009



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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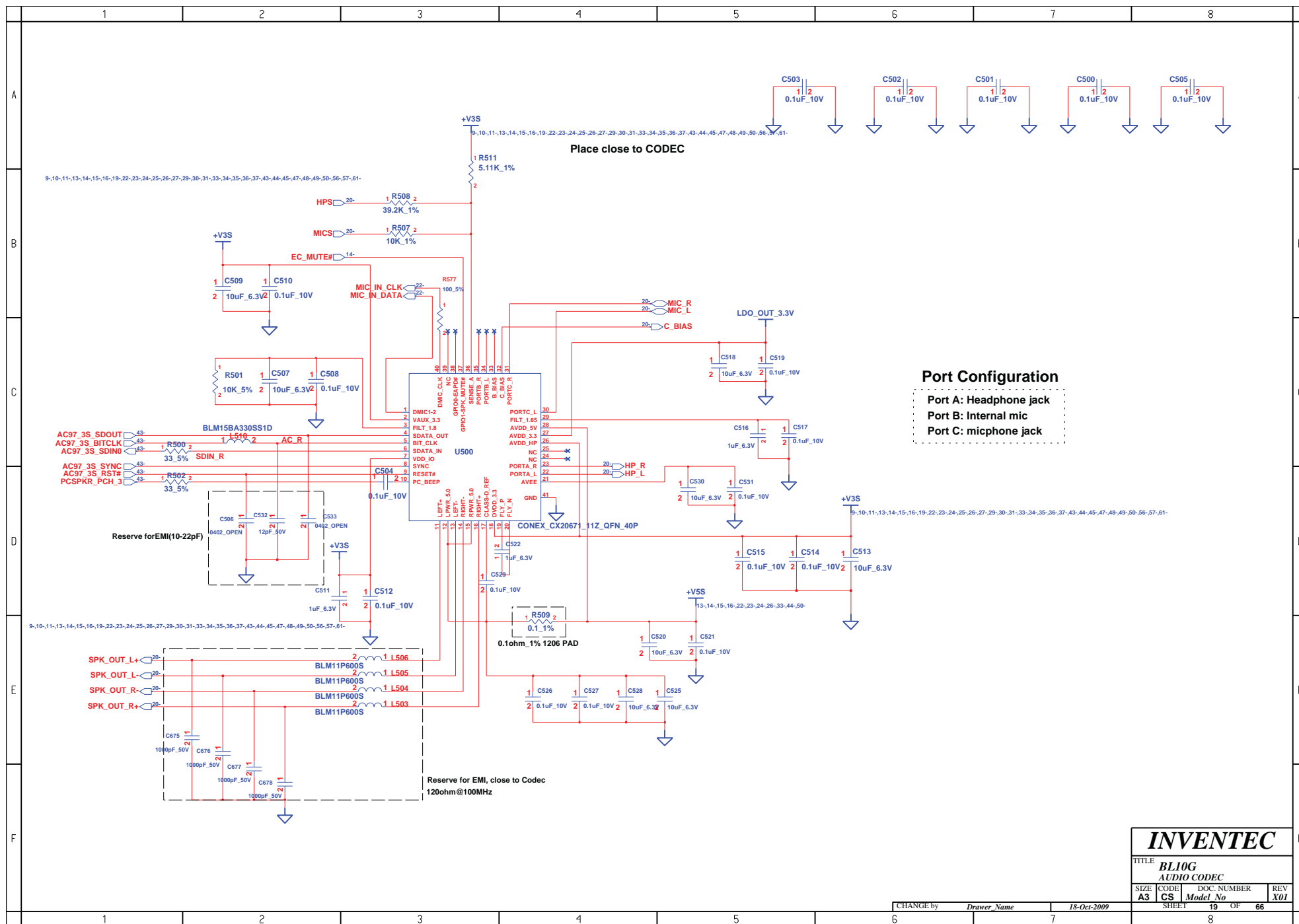
GM Thermal shutdown at 80.8°C +/-3°C from 60°C to 100°C
 PM Thermal shutdown at 86°C +/-3°C from 60°C to 100°C
 $RSET = 0.0012 * T^2 - 0.9308 * T + 96.147$
 Hysteresis is 30C



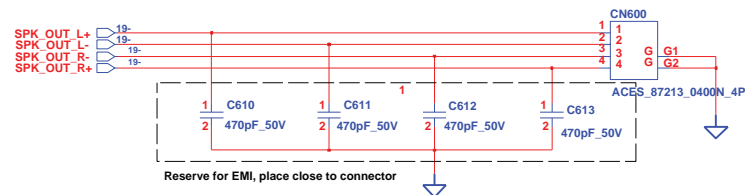
INVENTEC

TITLE			
BL10G			
FAN, Thermal controller			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
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CHANGE by *Drawer Name* 18-Oct-2009

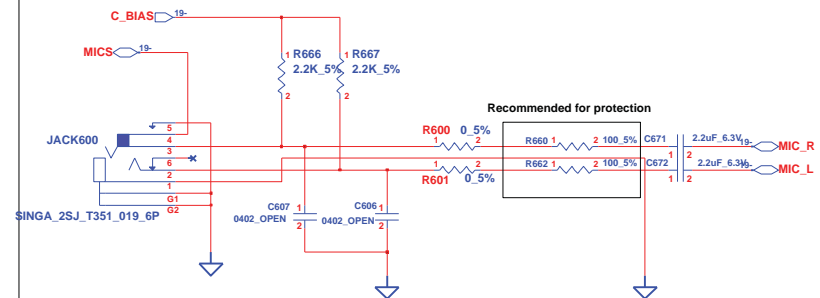


INTERNAL SPEAKERS

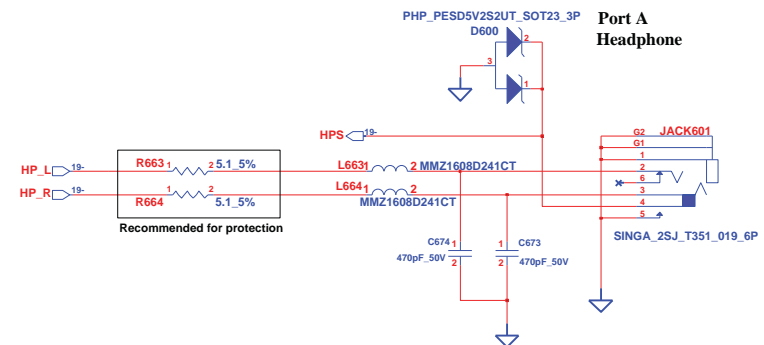


AUDIO JACKS

Port C
External microphone

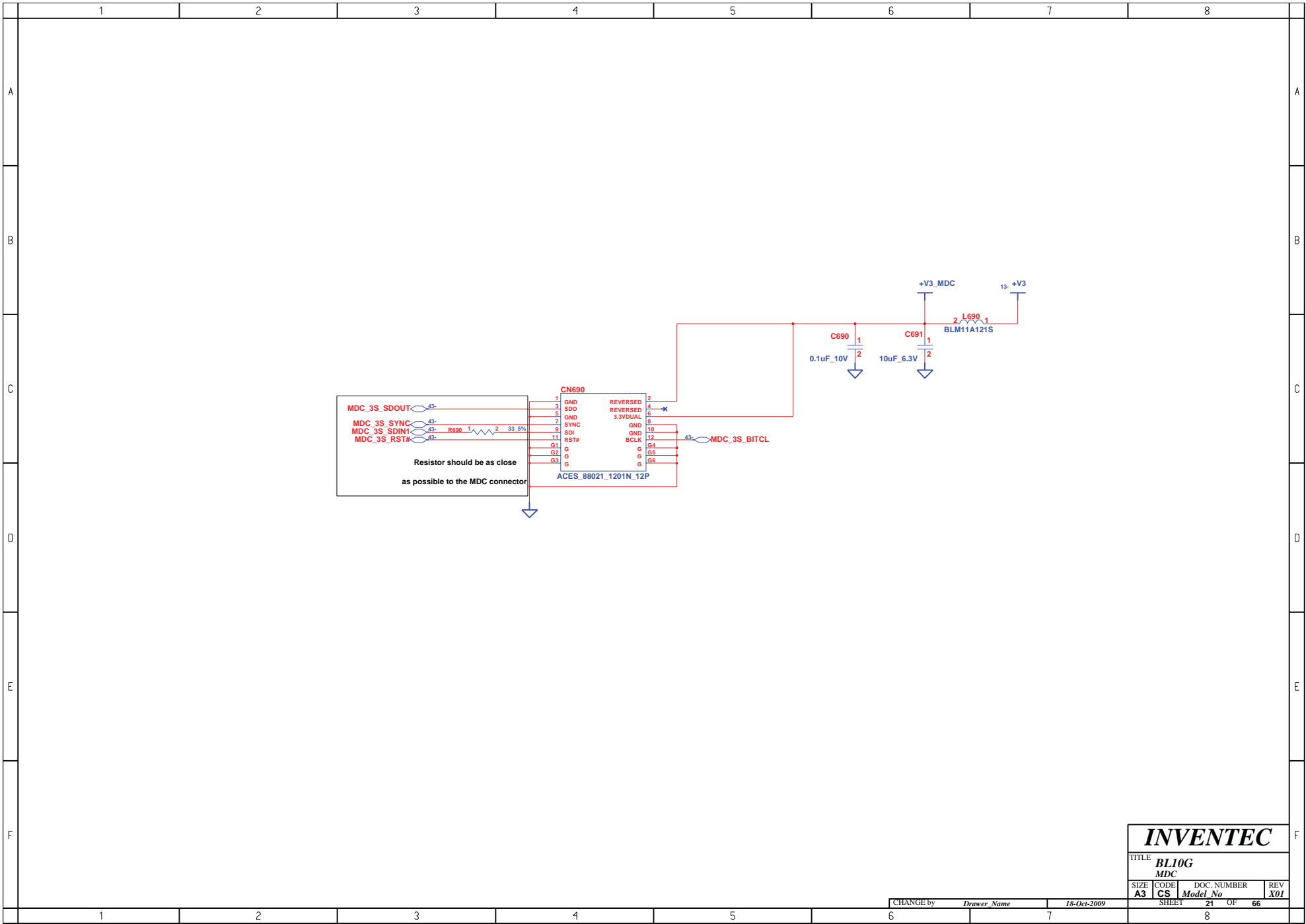


Port A
Headphone



INVENTEC

TITLE BL10G AUDIO AMP&MIC&SPEAKER			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by <i>Drawer Name</i>		18-Oct-2009	
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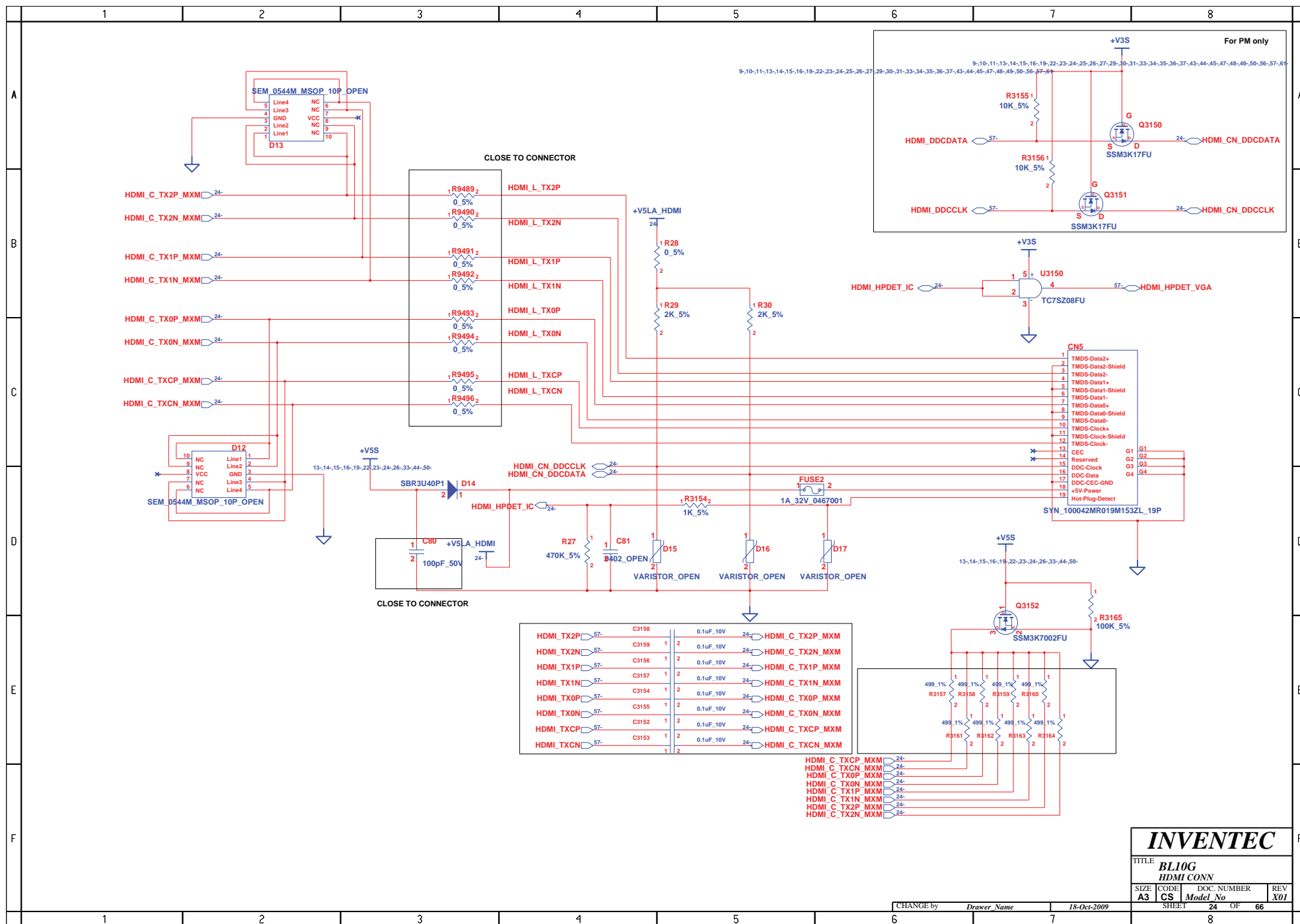


INVENTEC

TITLE			
BL10G			
MDC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		21	OF 66

CHANGE by *Drawer Name* 18-Oct-2009





INVENTEC

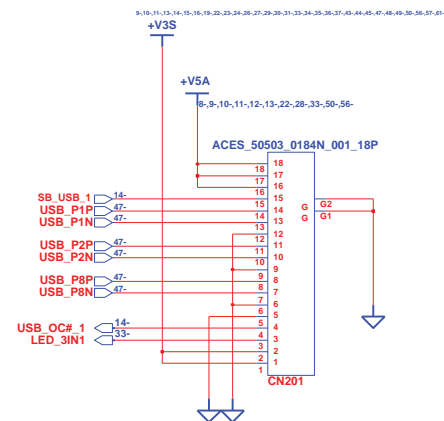
TITLE
BL10G
HDMI CONN

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

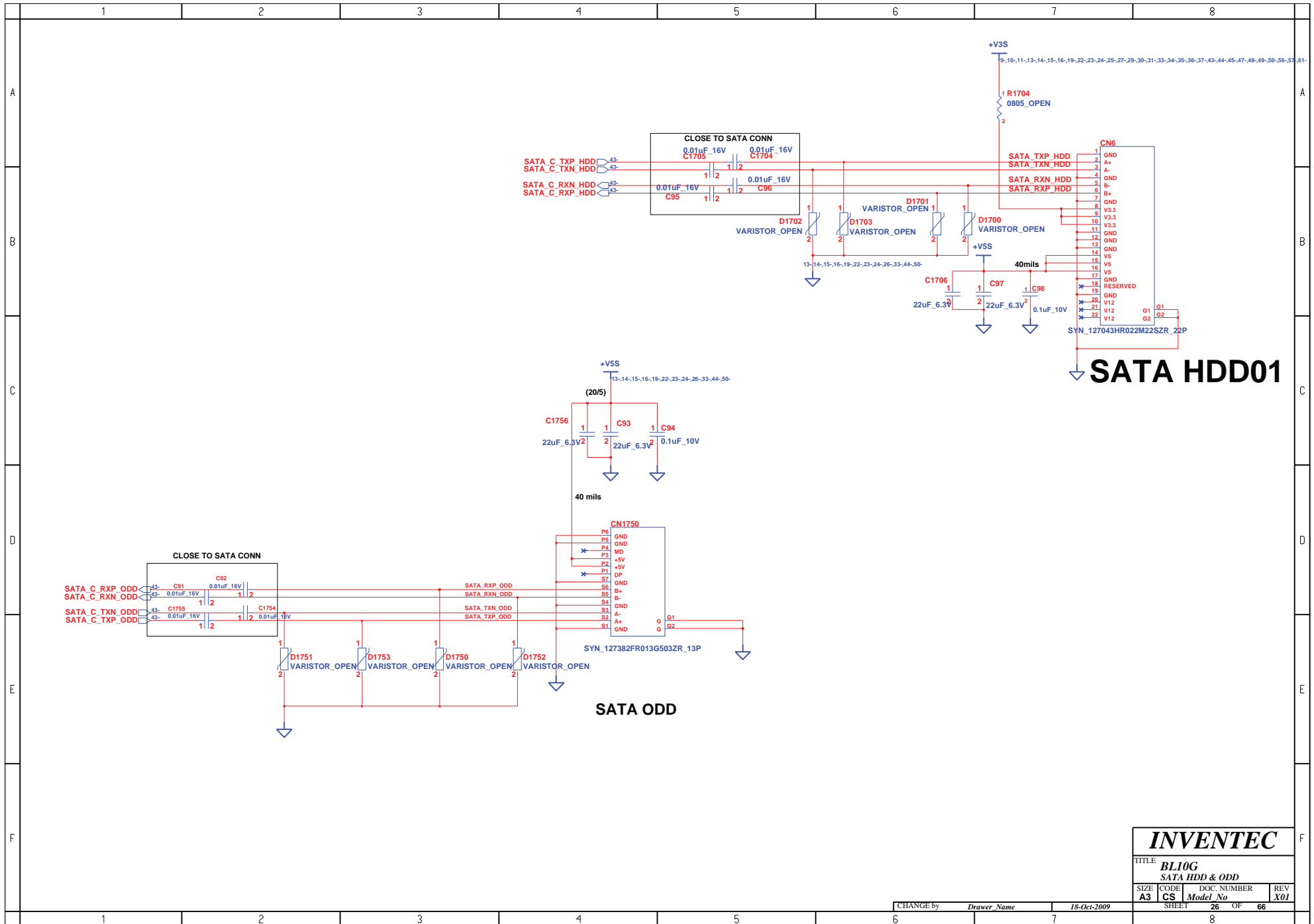
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CardReader/USB Connector



INVENTEC			
TITLE			
BL10G Cardreader			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		25	OF 66

CHANGE by *Drawer Name* 18-Oct-2009

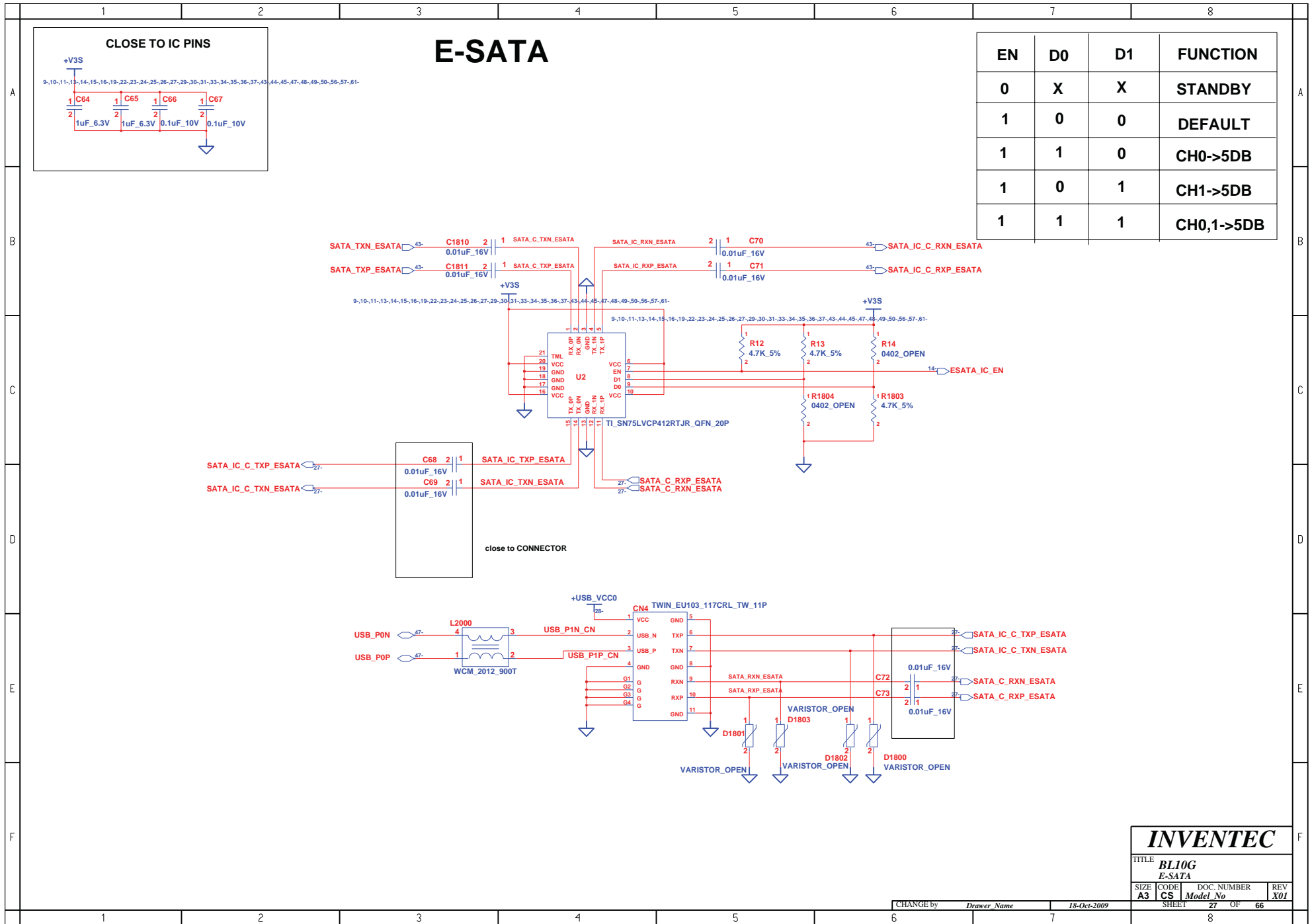


INVENTEC

TITLE			
BL10G			
SATA HDD & ODD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

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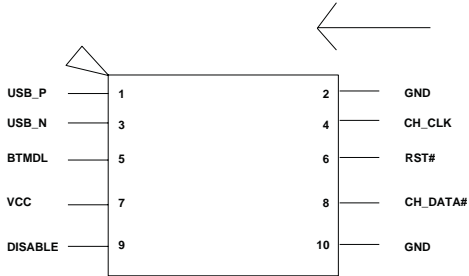
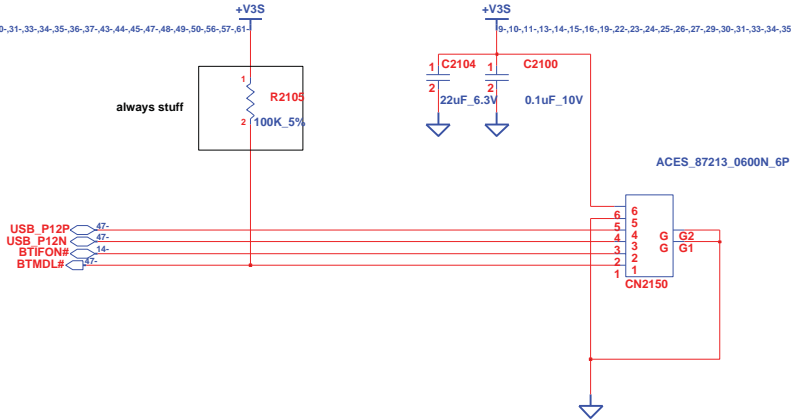
INVENTEC

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

CHANGE by *Drawer Name* 18-Oct-2009

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BLUETOOTH



INVENTEC

TITLE	<i>BL10G</i> <i>Bluetooth</i>
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SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV <i>X01</i>
SHEET		29	OF 66

CHANGE by	<i>Drawer_Name</i>	<i>18-Oct-2009</i>
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8

[illegible]

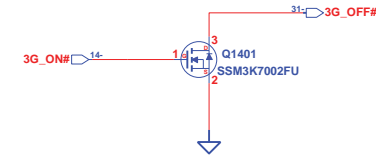
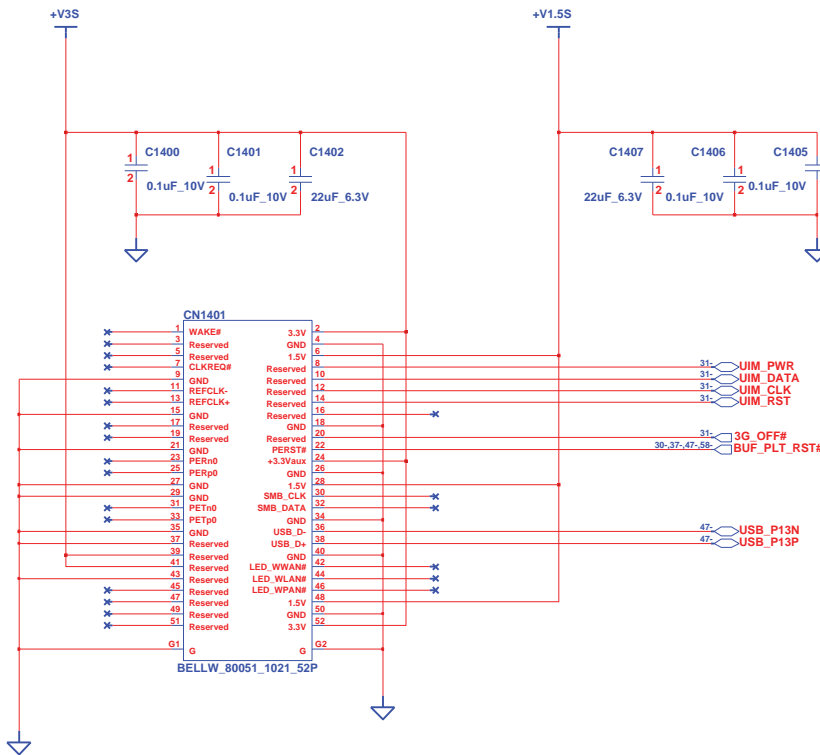
TITLE			
BL10G WLAN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	X01

CHANGE by	<i>Drawer Name</i>	18-Oct-2009
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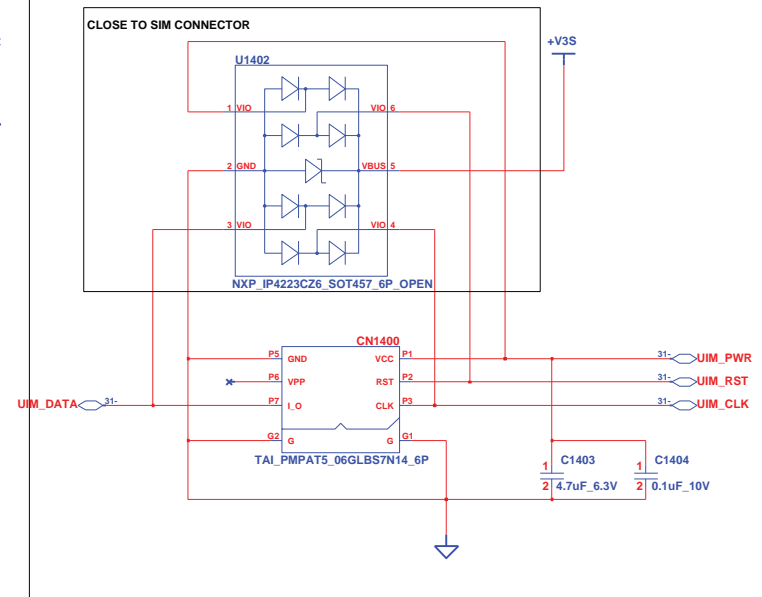
CS Model No
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8

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-



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-



MINI CARD 2

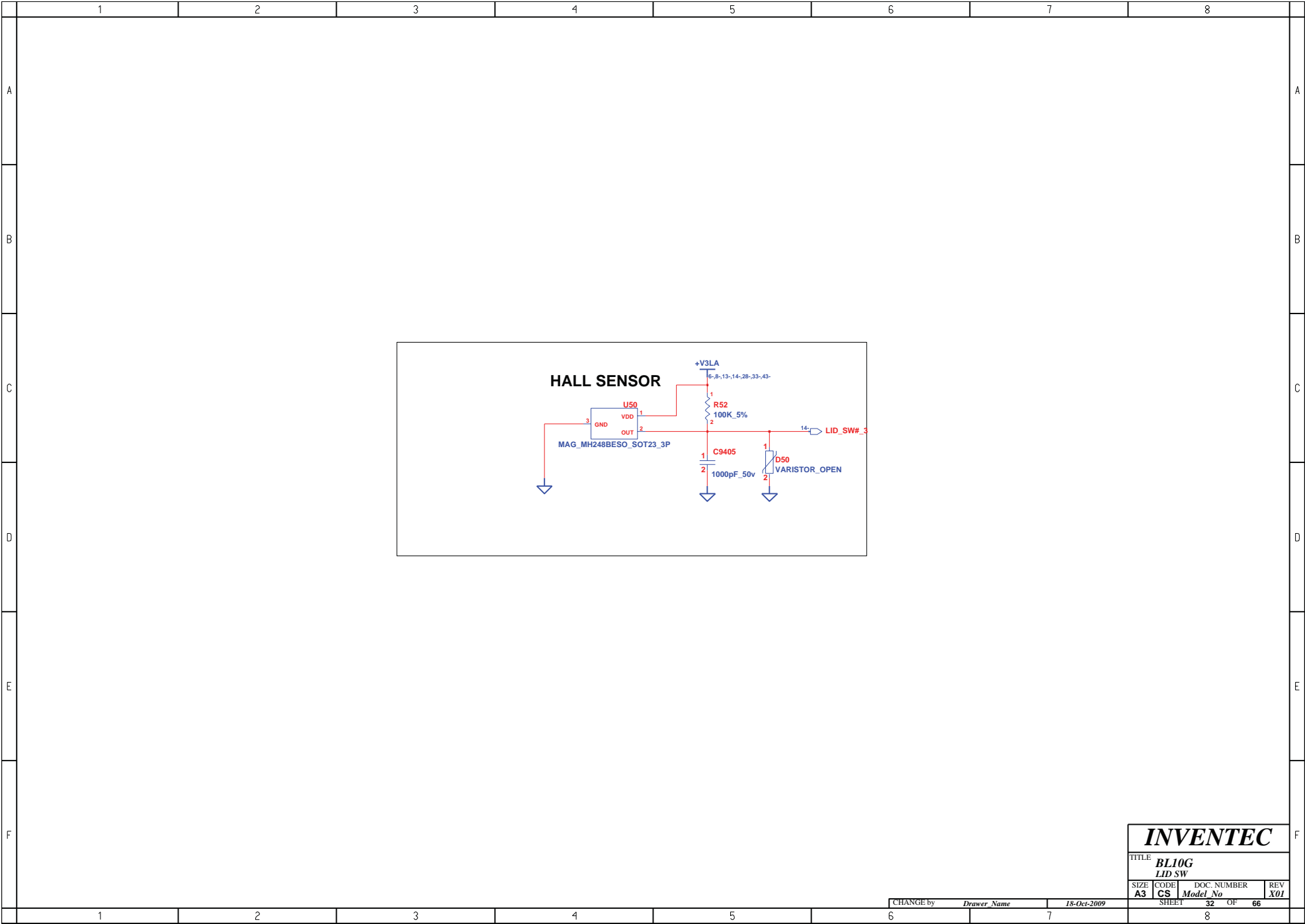
INVENTEC

TITLE
BL10G

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

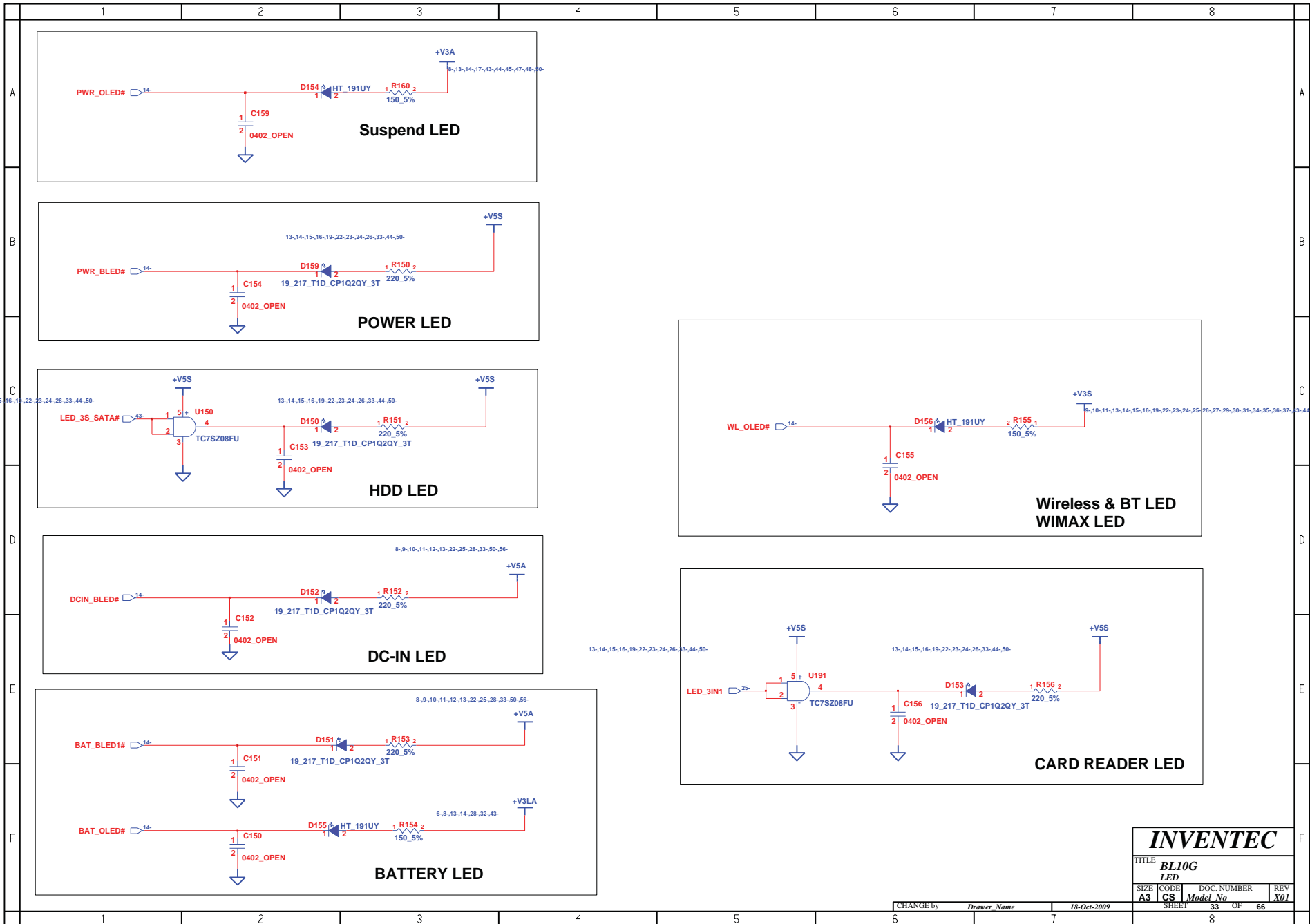
SHEET 31 OF 66

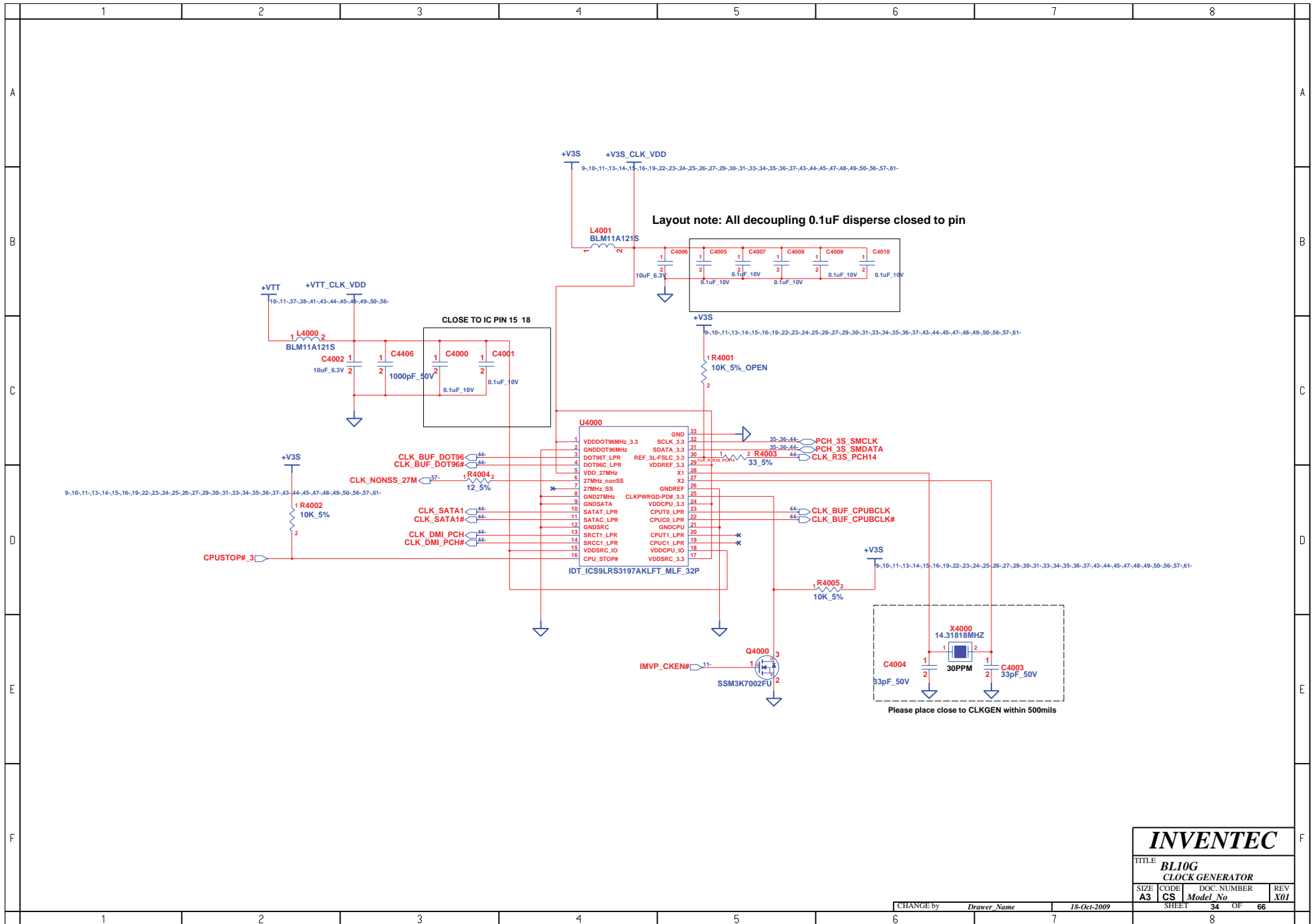


INVENTEC

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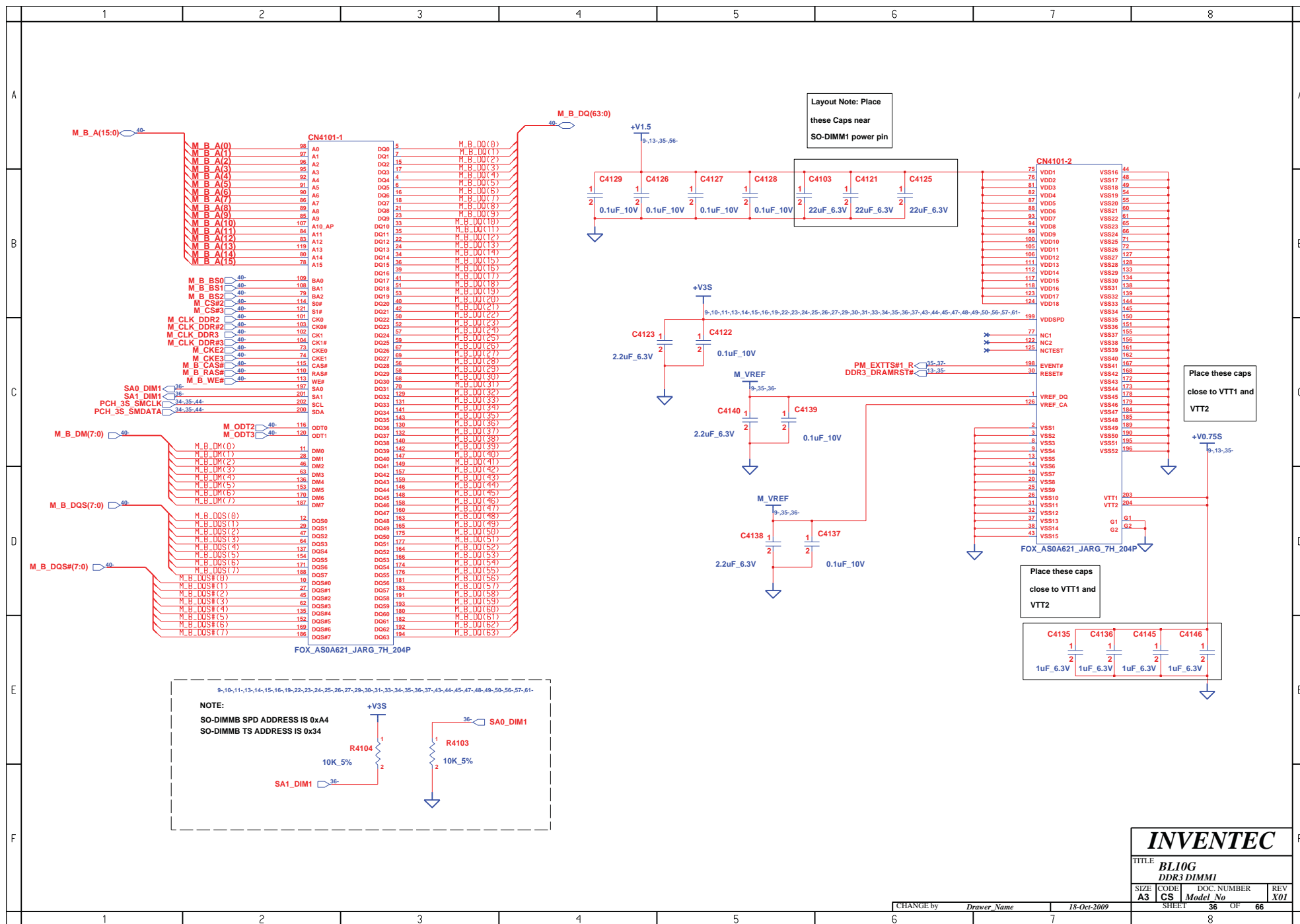
CHANGE by *Drawer Name* 18-Oct-2009



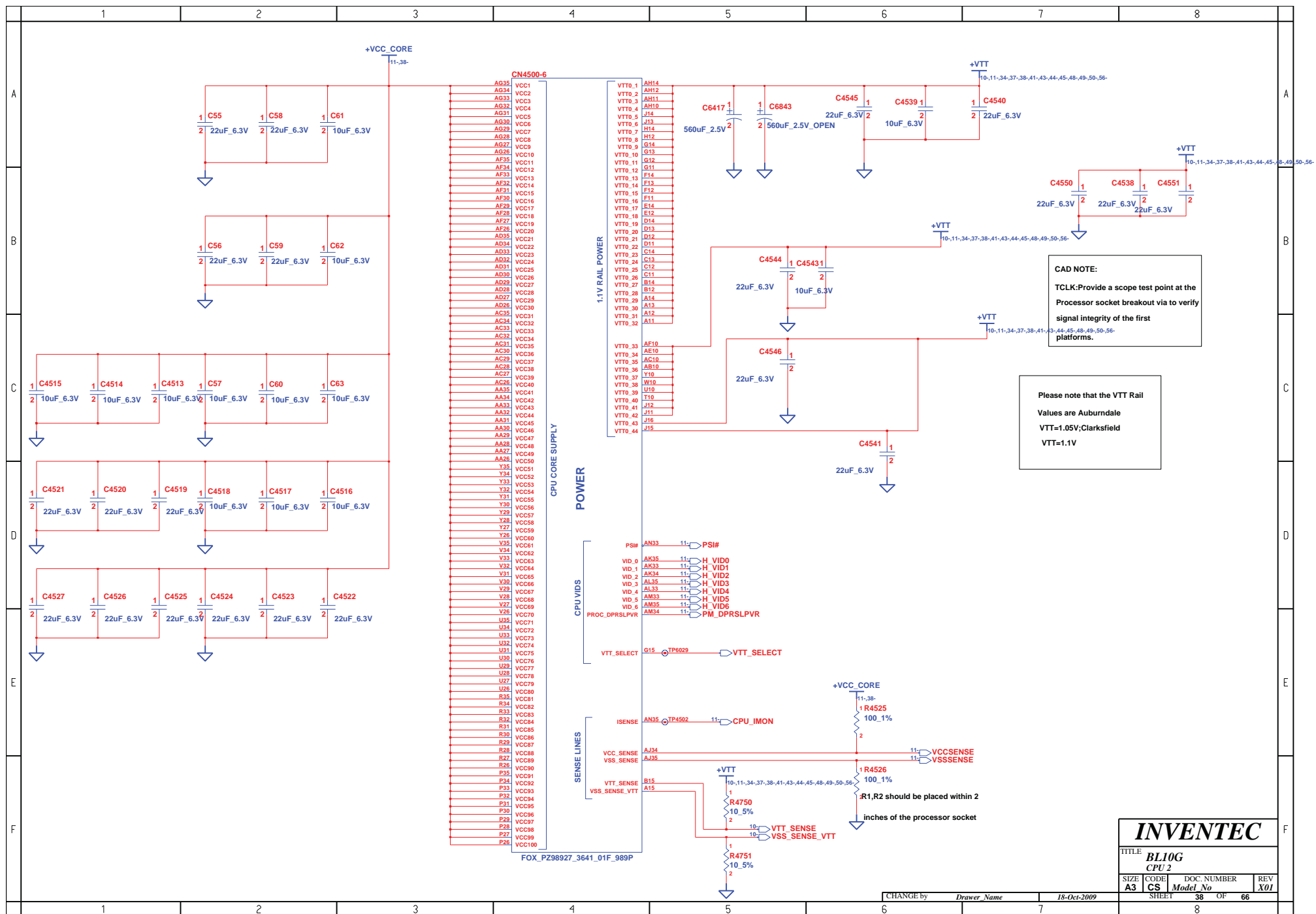


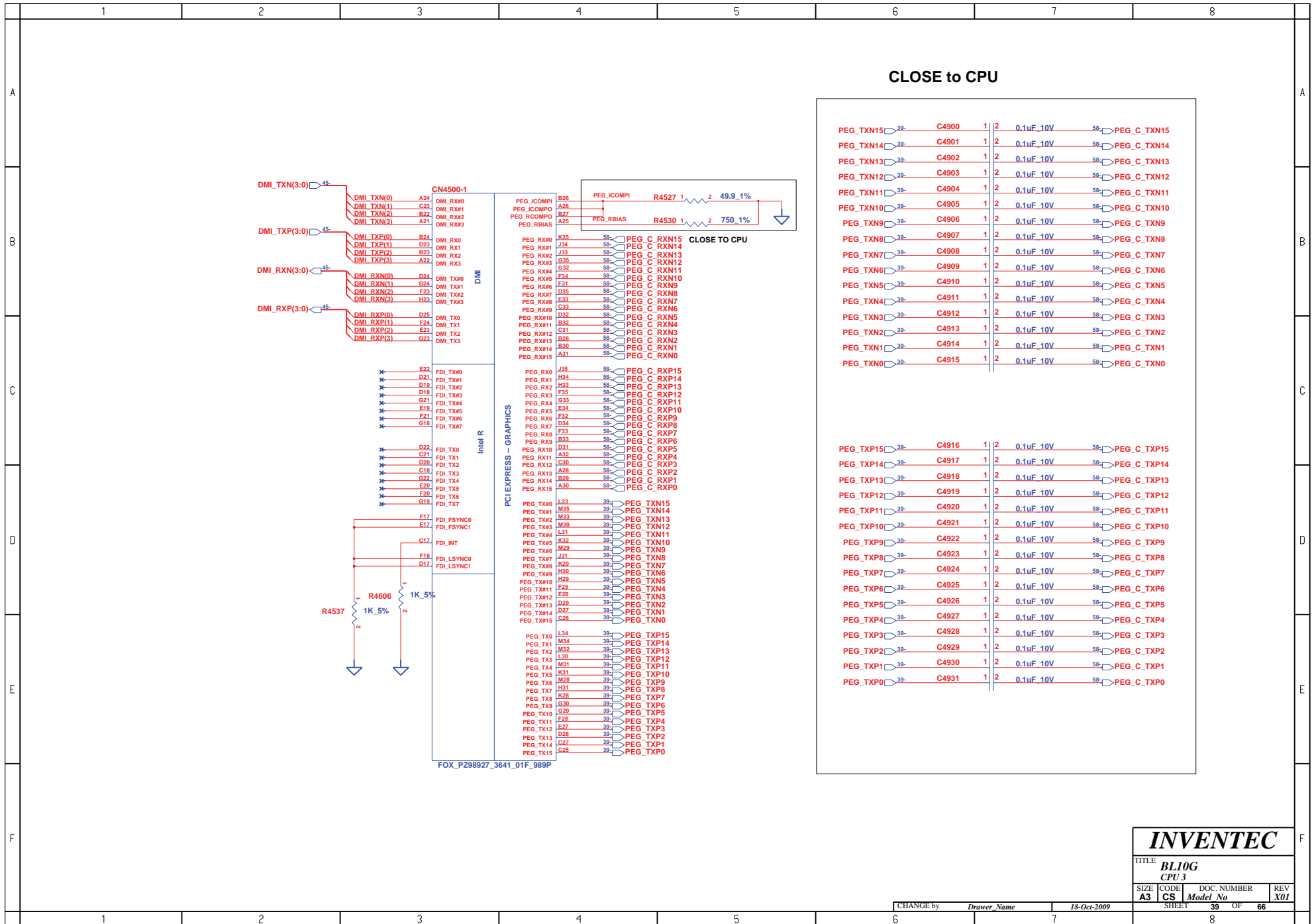
INVENTEC			
TITLE			
BL10G			
CLOCK GENERATOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		Drawer Name	18-Oct-2009
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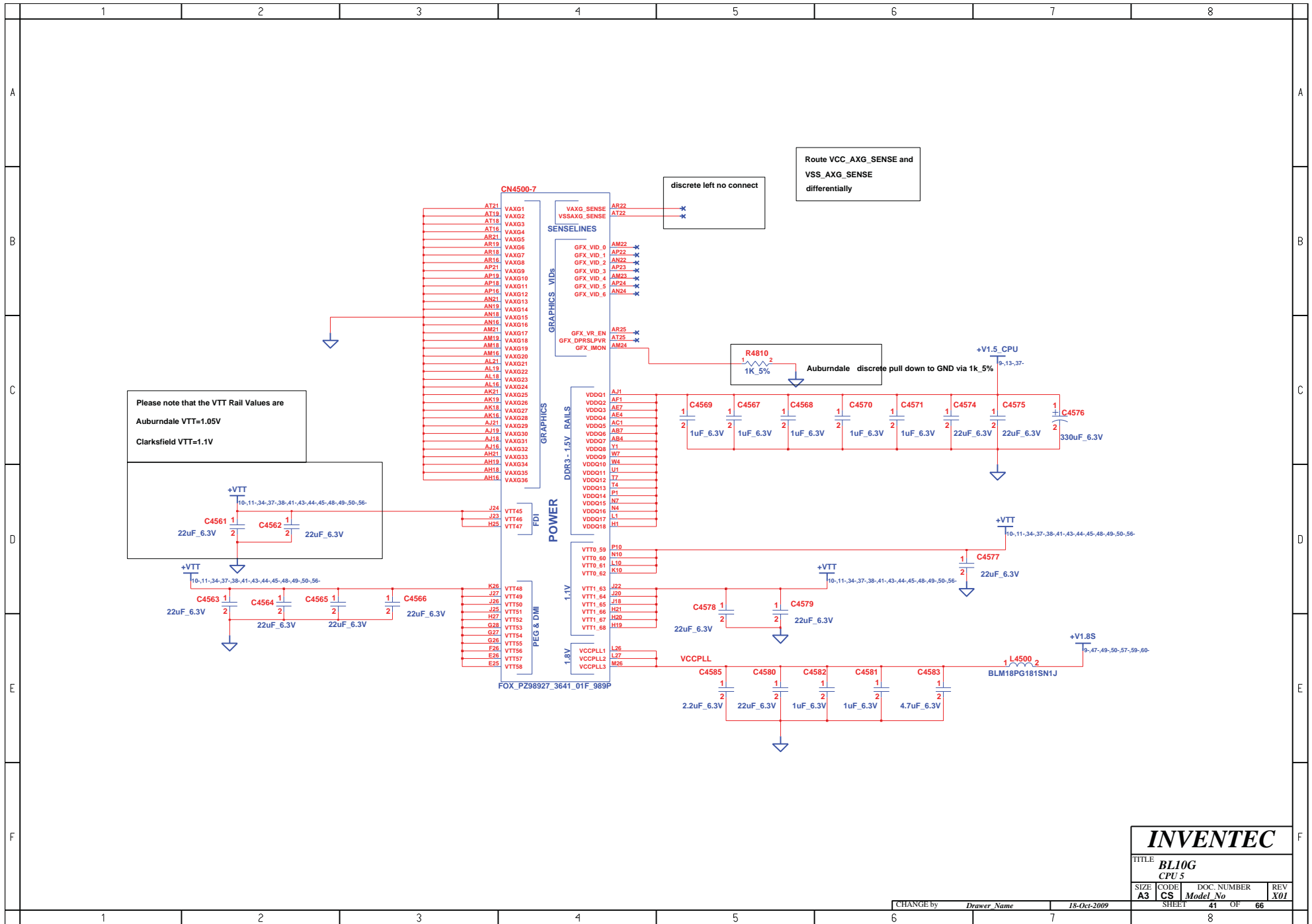


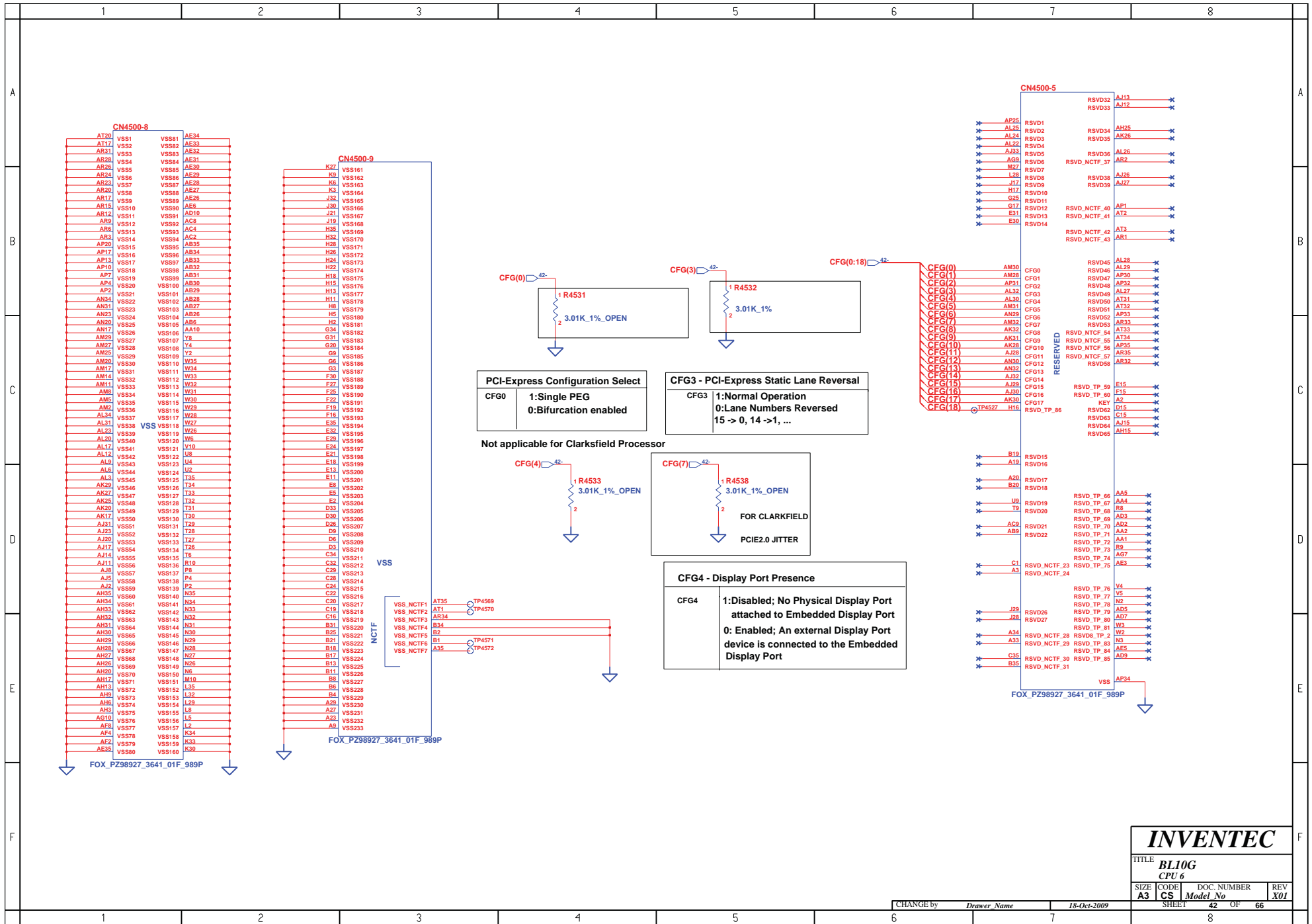
INVENTEC

TITLE			
BL10G			
CPU 3			
SIZE	CODE	DOC. NUMBER	REV
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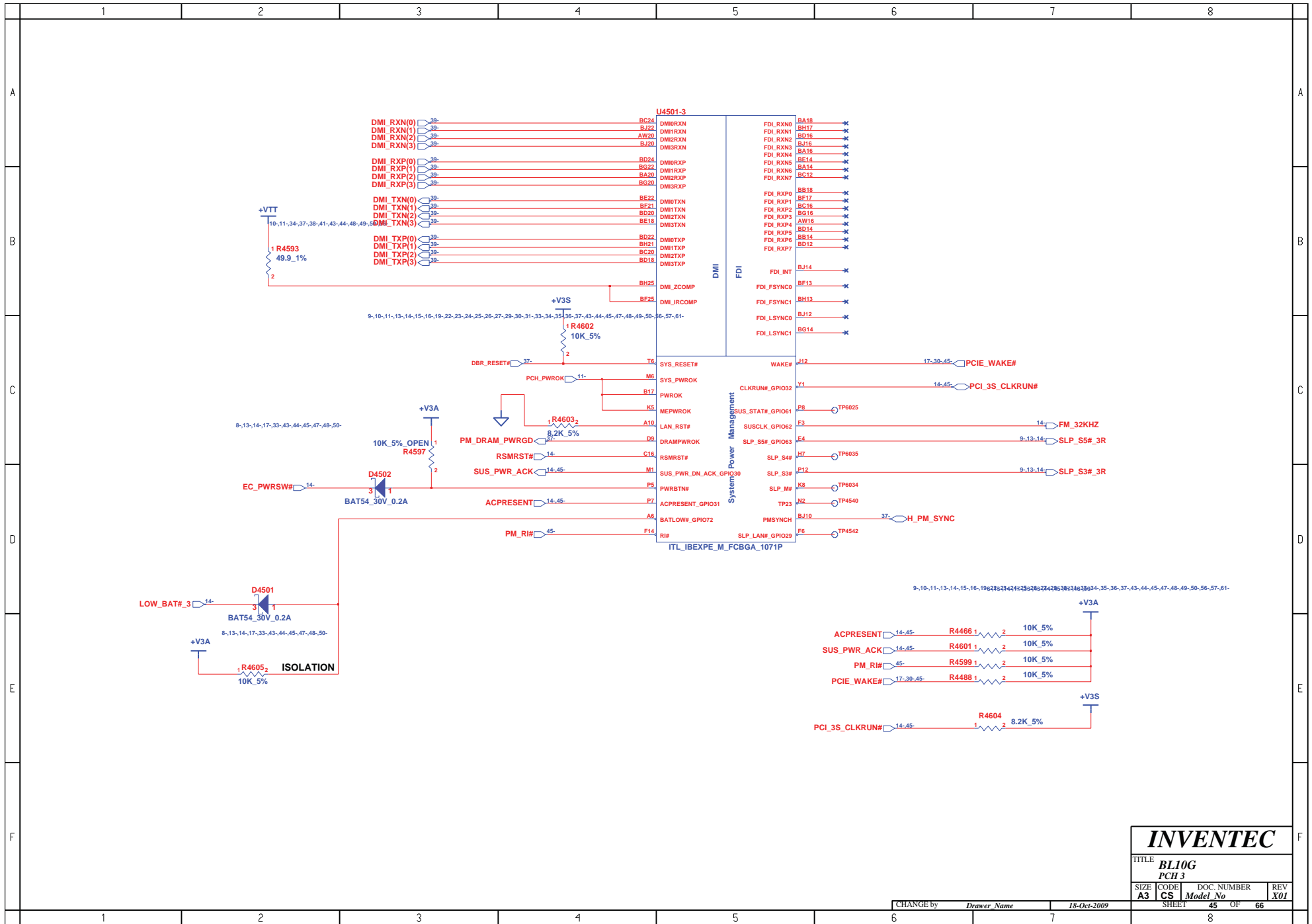
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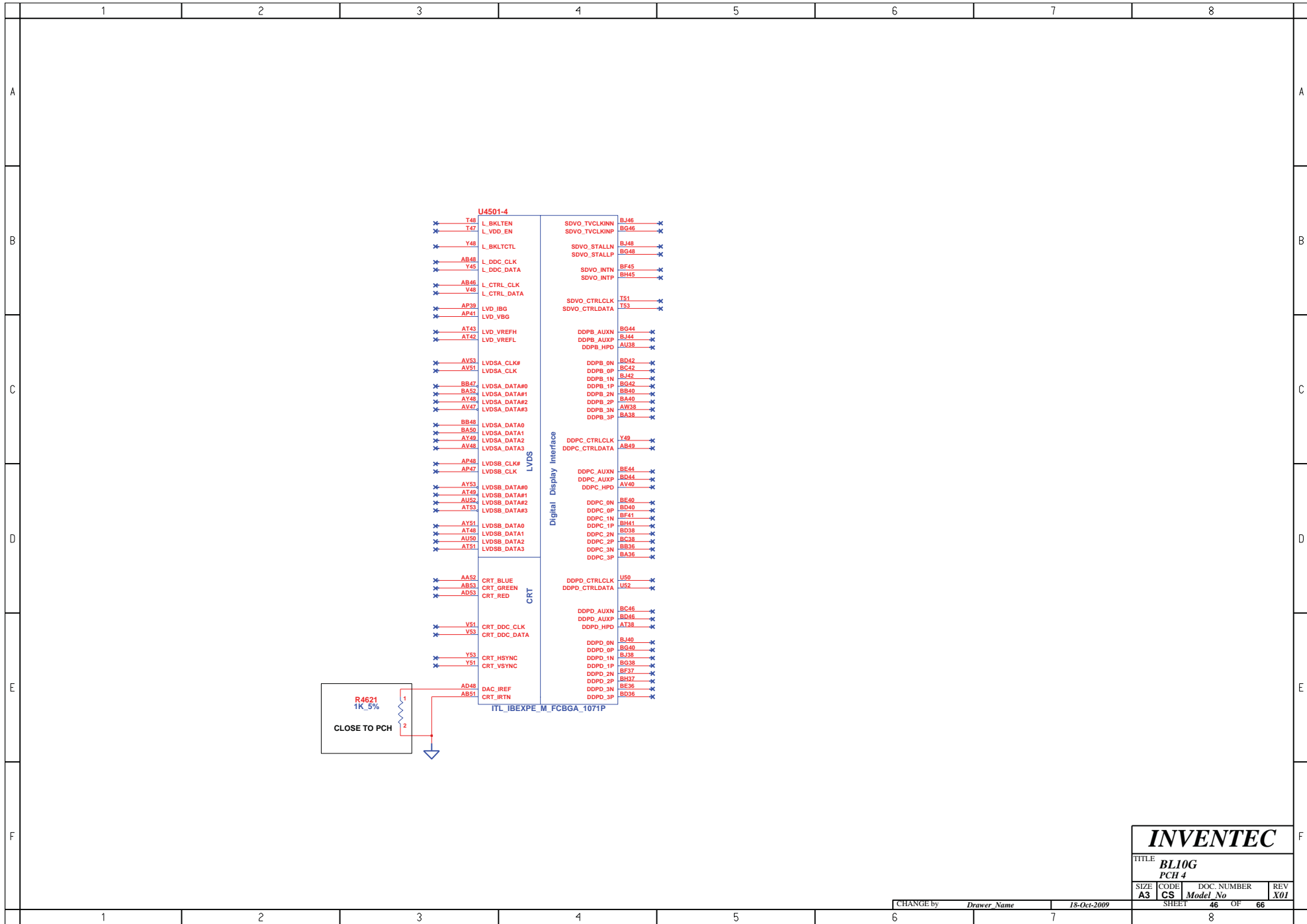
SHEET 39 OF 66

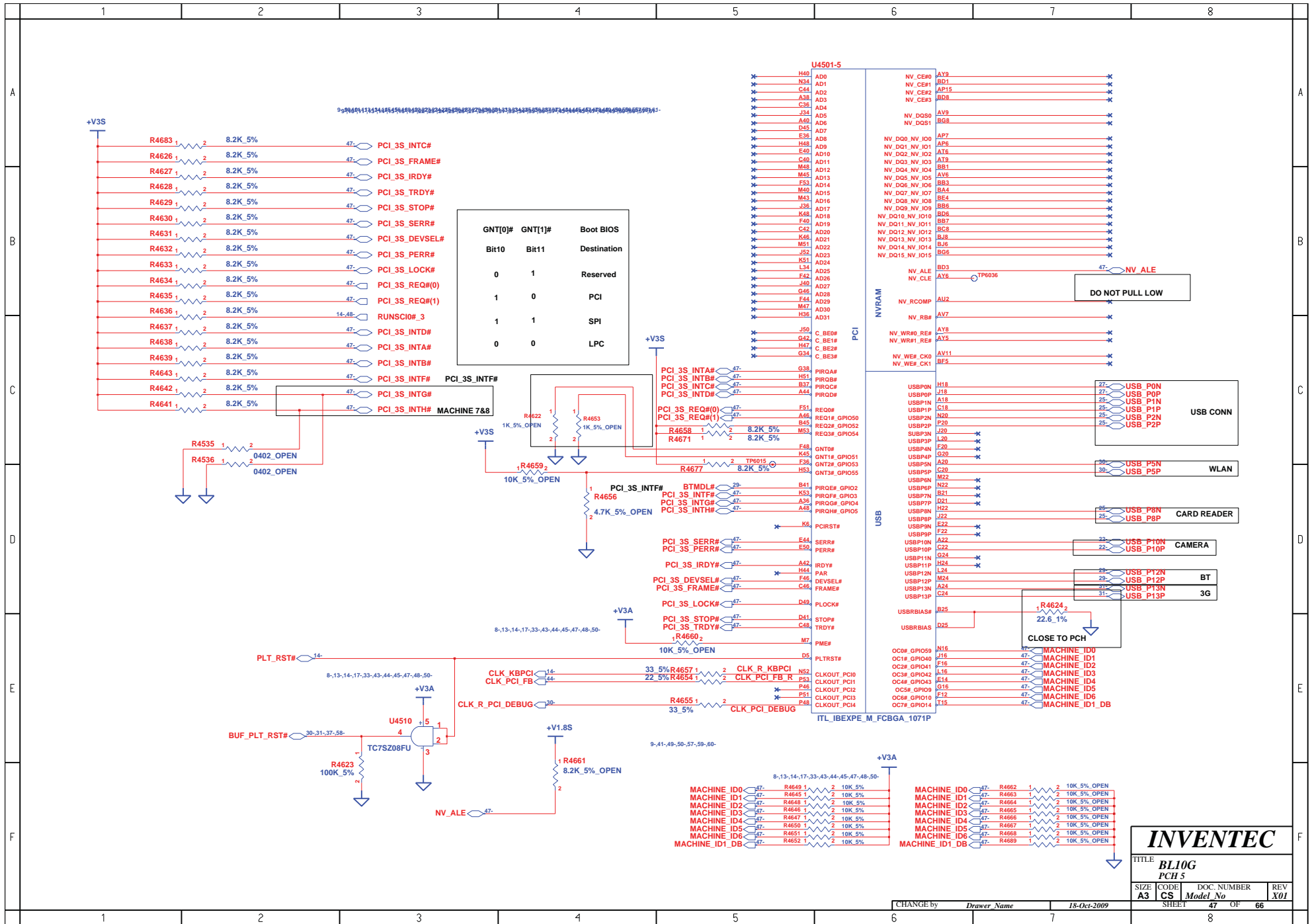


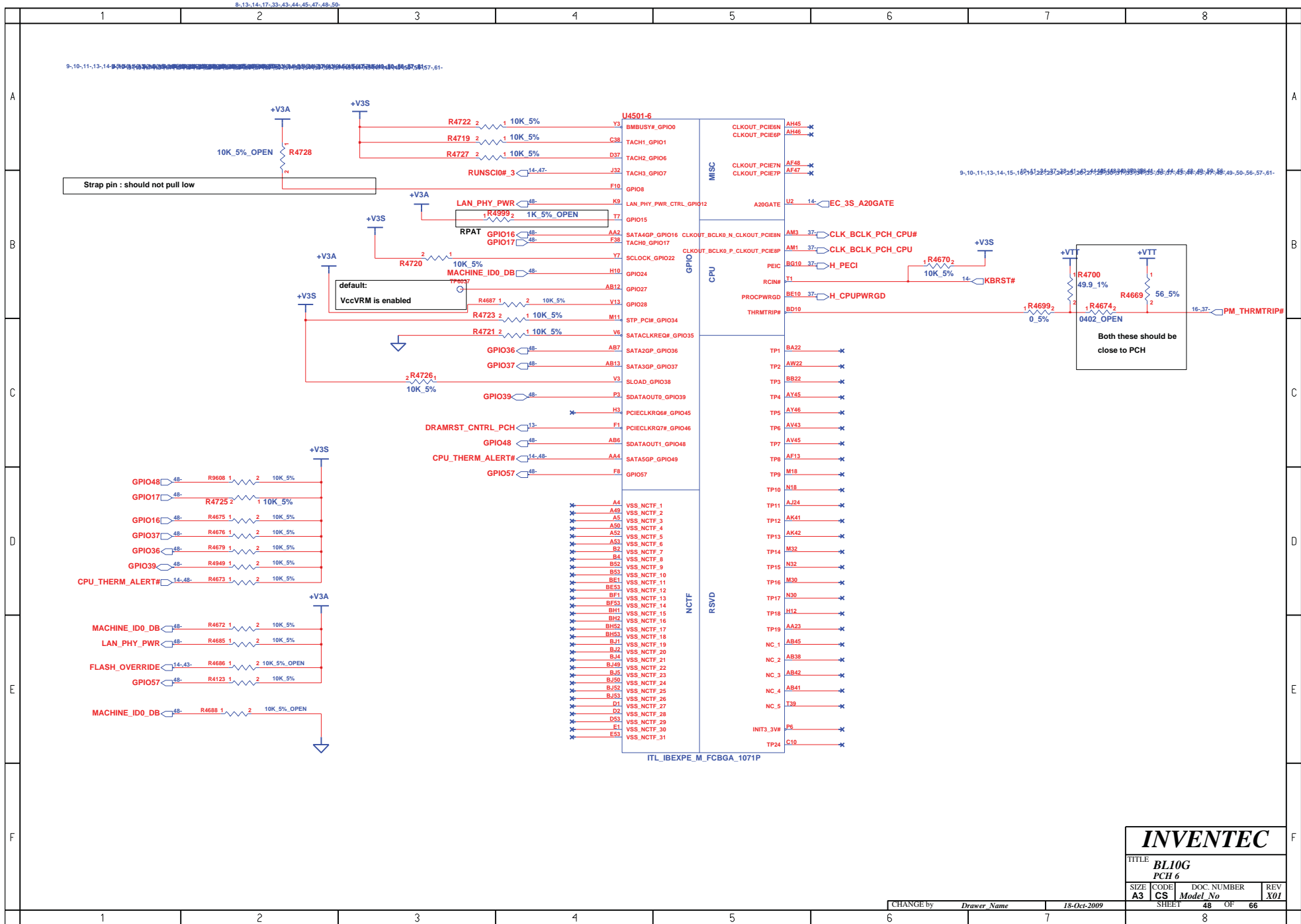












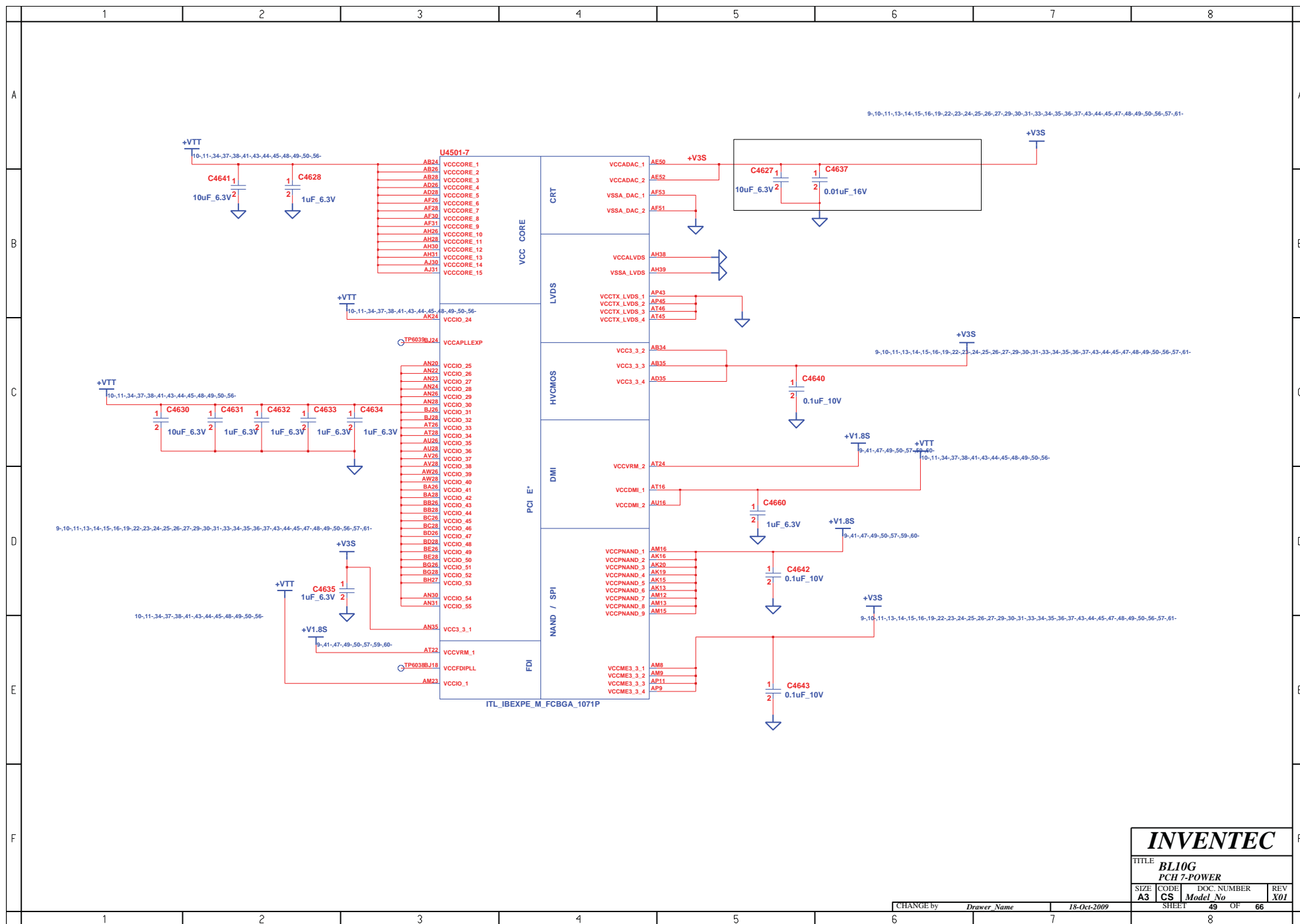
INVENTEC

TITLE **BL10G**
PCH 6

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

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INVENTEC			
TITLE BL10G PCH 7-POWER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by Drawer Name		18-Oct-2009	
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U4501-9

U4501-10

ITL_IBEXPE_M_FCBGA_1071P

ITL_IBEXPE_M_FCBGA_1071P

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

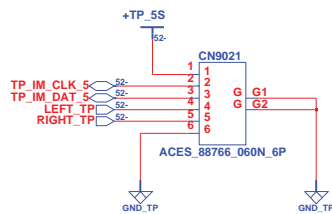
CHANGE by: Drawer Name 18-Oct-2009

SHEET 51 OF 66

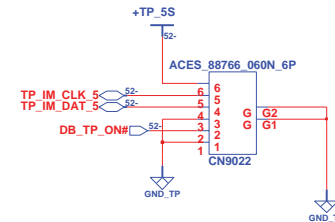
PICK BUTTON BOARD

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

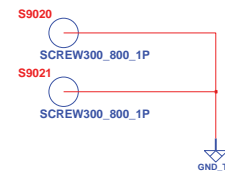
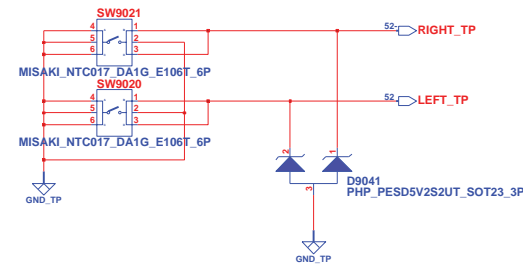
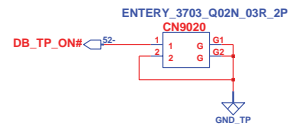
Connect to Touchpad Module



Connect to Mainboard's TP connector

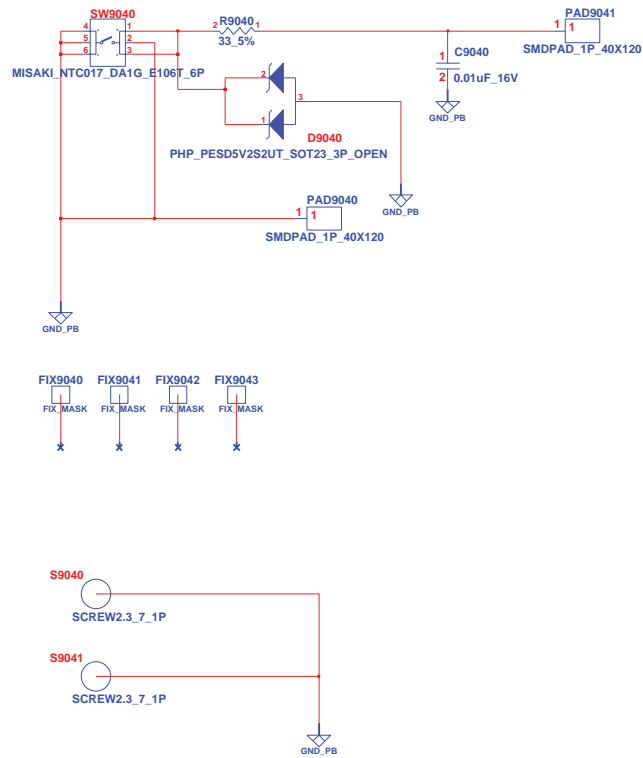


Connect to Touchpad Switch Board



INVENTEC			
TITLE BL10G Hot key board			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by Drawer Name		18-Mar-2010	
SHEET		52 OF 66	

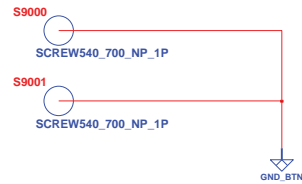
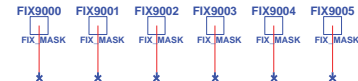
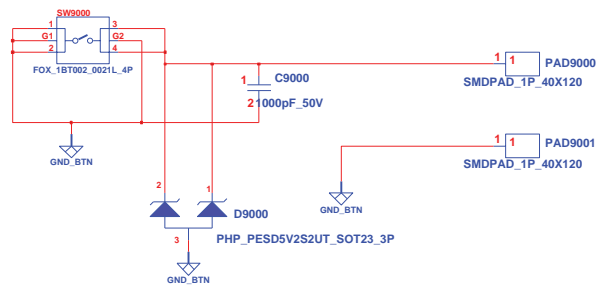
TOUCHPAD SWITCH BOARD



INVENTEC			
TITLE BL10G Touch pad			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Drawer Name* 20-Jan-2010

POWER BUTTON



INVENTEC			
TITLE BL10G			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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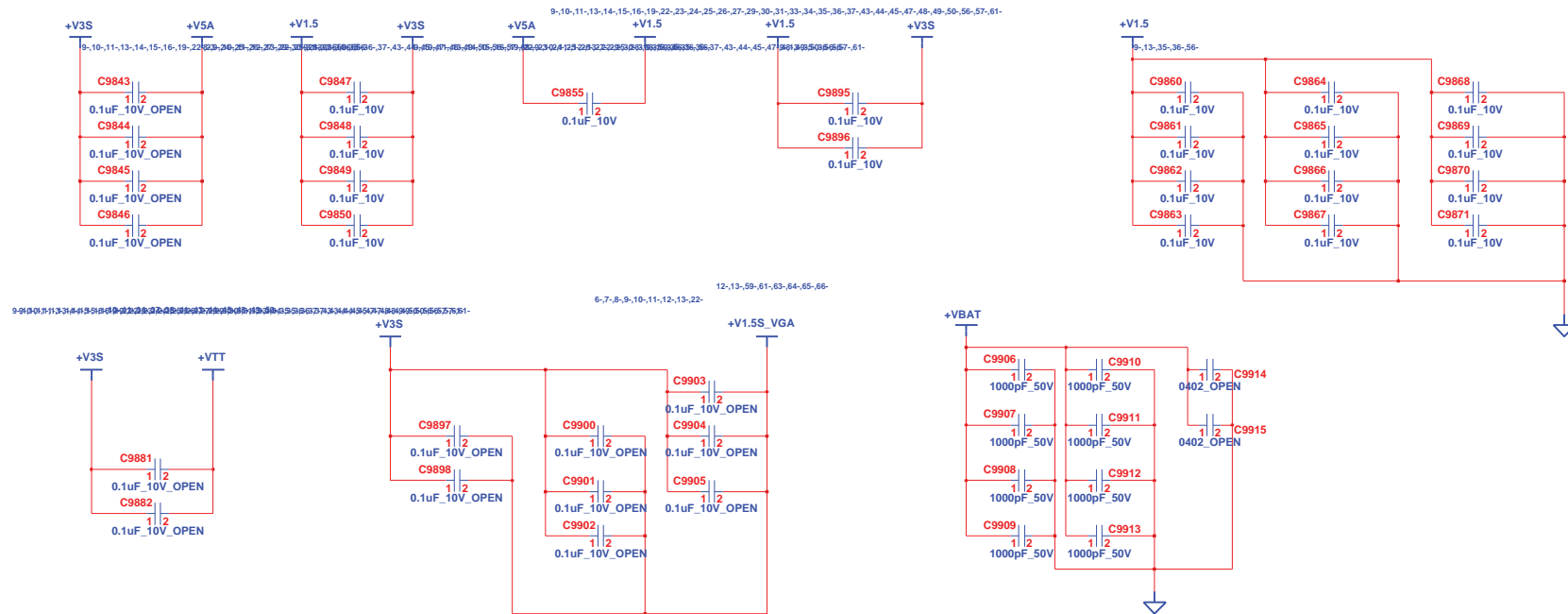
CHANGE by *Drawer Name* 11-Mar-2010

8

A
B
C
D
E
F

F

EMI



INVENTEC

TITLE
**BL10G
EMI**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

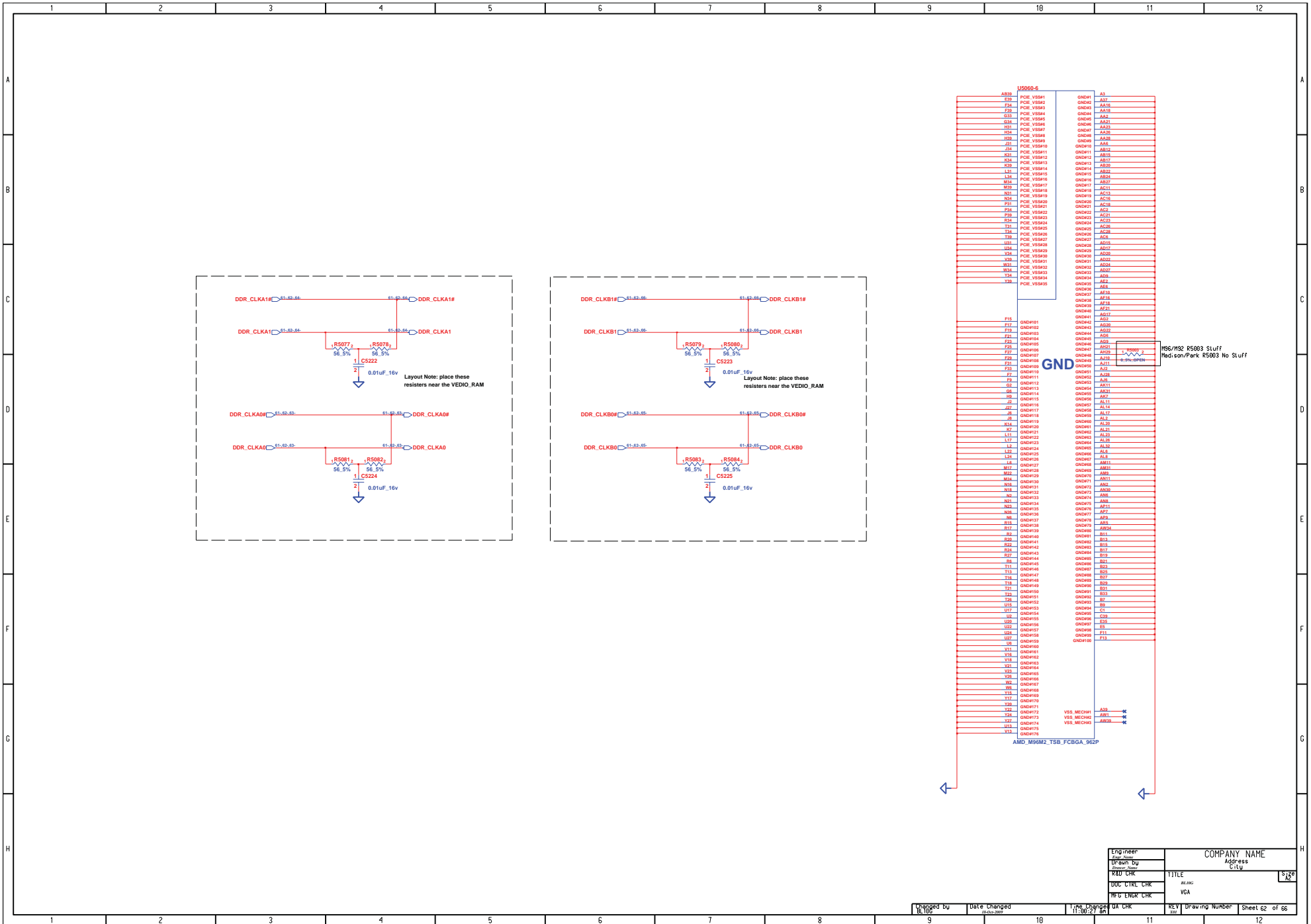
SHEET 56 OF 66

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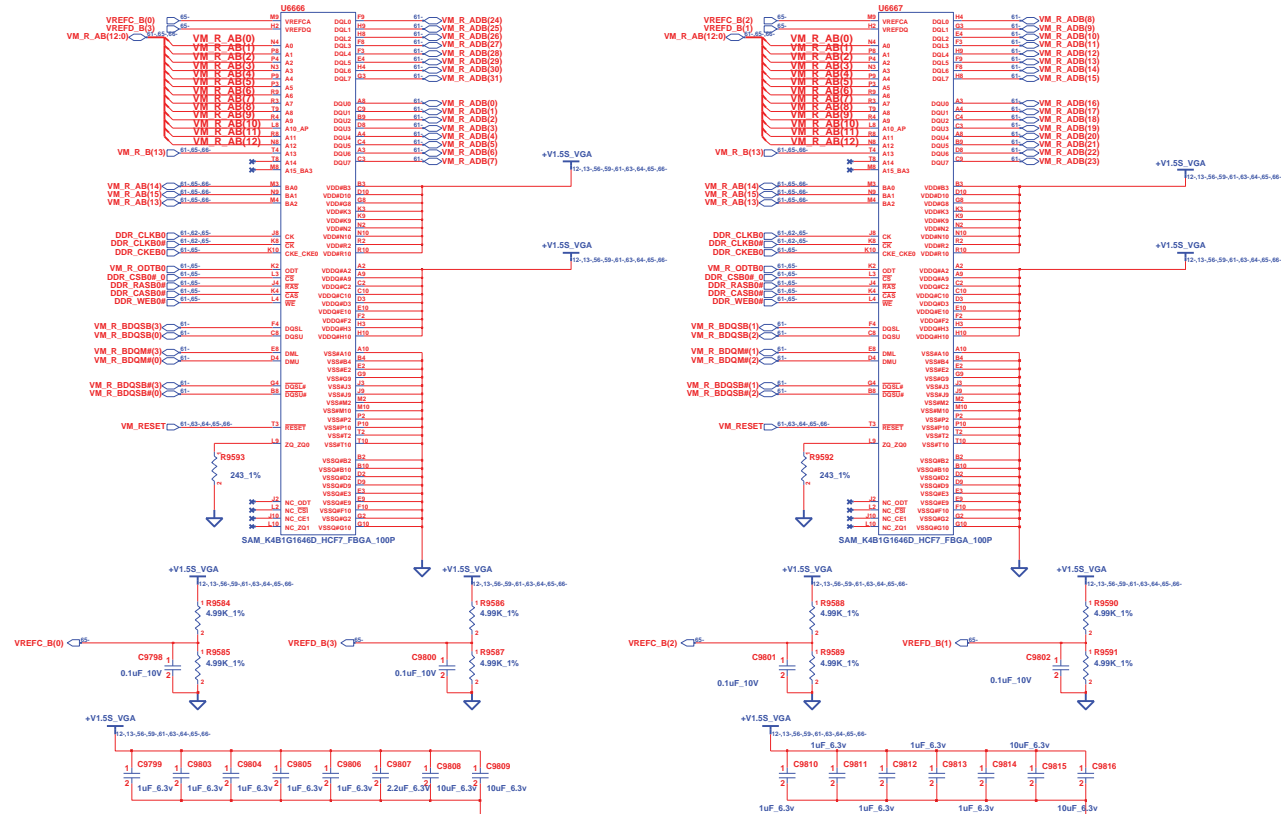








M92 Use channel B



Engineer	COMPANY NAME
UDR CLK	Address
UDR CLK	City
UDR CLK	State
UDR CLK	ZIP
UDR CLK	Country
UDR CLK	Phone
UDR CLK	Fax
UDR CLK	E-mail
UDR CLK	Website
UDR CLK	Logo

Checked by	Date Changed	Time Changed	UA CLK	REV	Drawing Number	Sheet 65 of 66

