

	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F

DATE

CHANGE NO.

REV

1

2

3

4

5

6

7

8

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DRAWER	EE	DATE	POWER	DATE
DESIGN				
CHECK				
RESPONSIBLE				
SIZE = 3 VER :				
FILE NAME : XXXX-XXXXXX-XX				
P/N	XXXXXXXXXXXX			

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET 1		OF 51	

DELL CONFIDENTIAL/PROPRIETARY

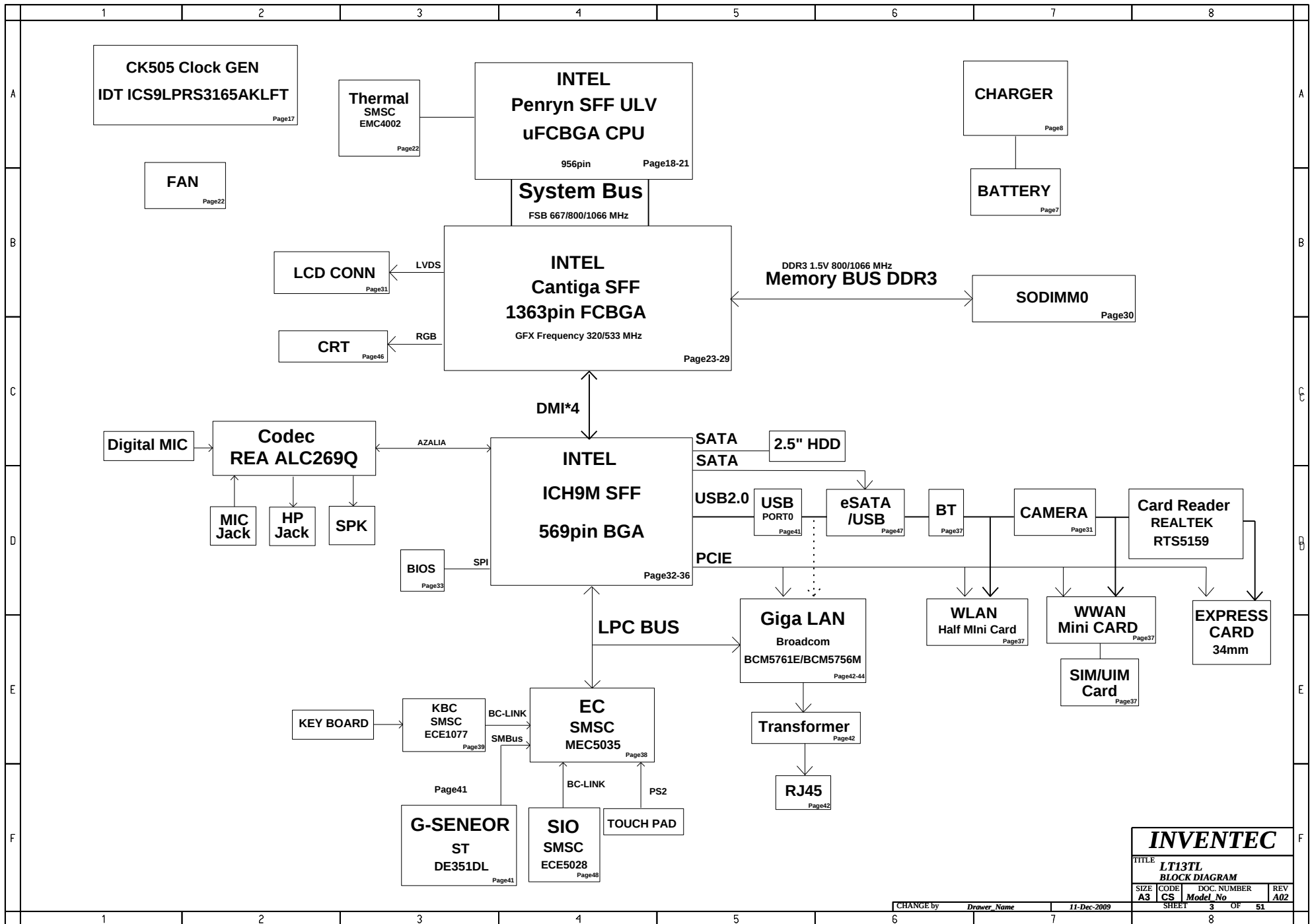
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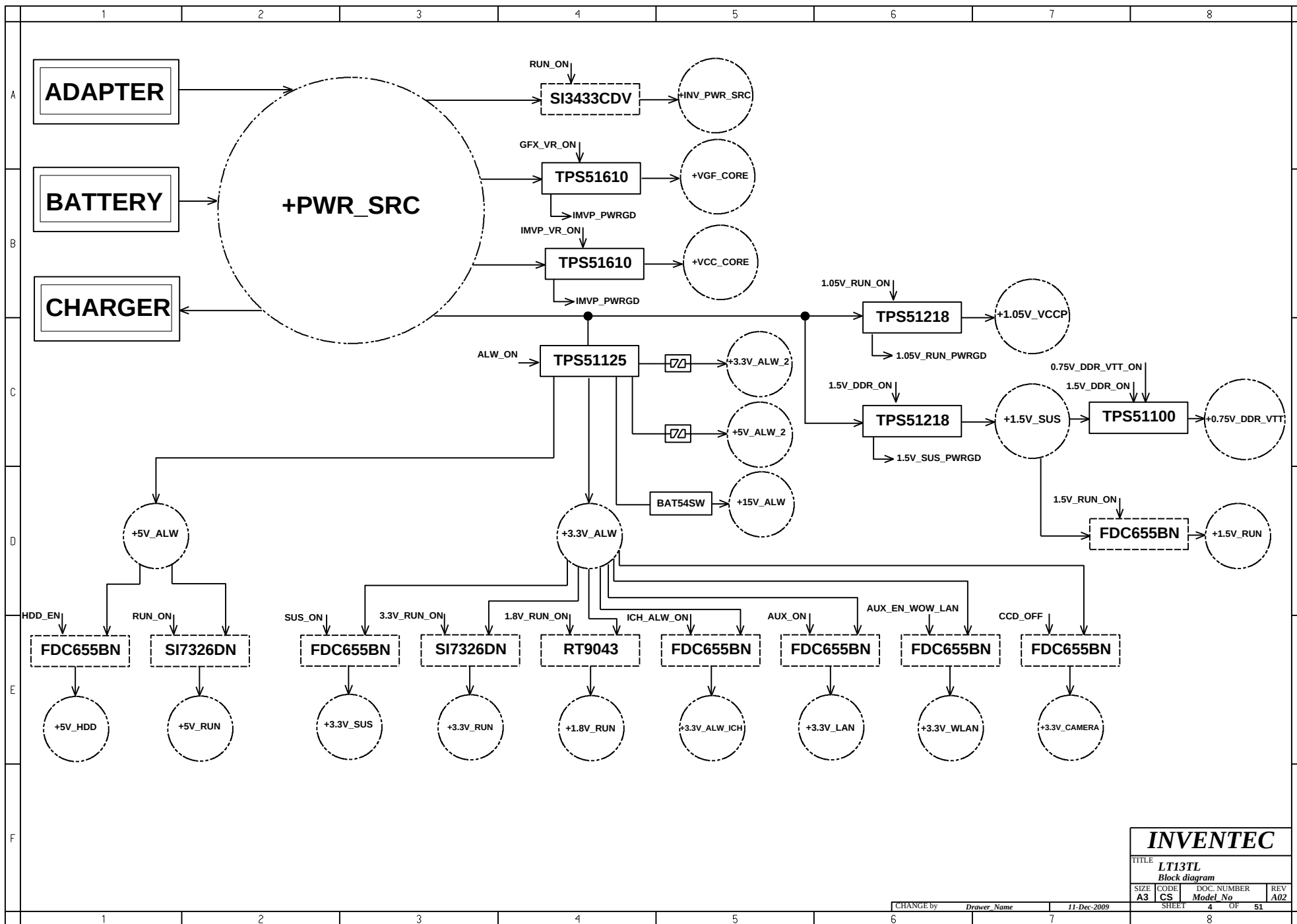
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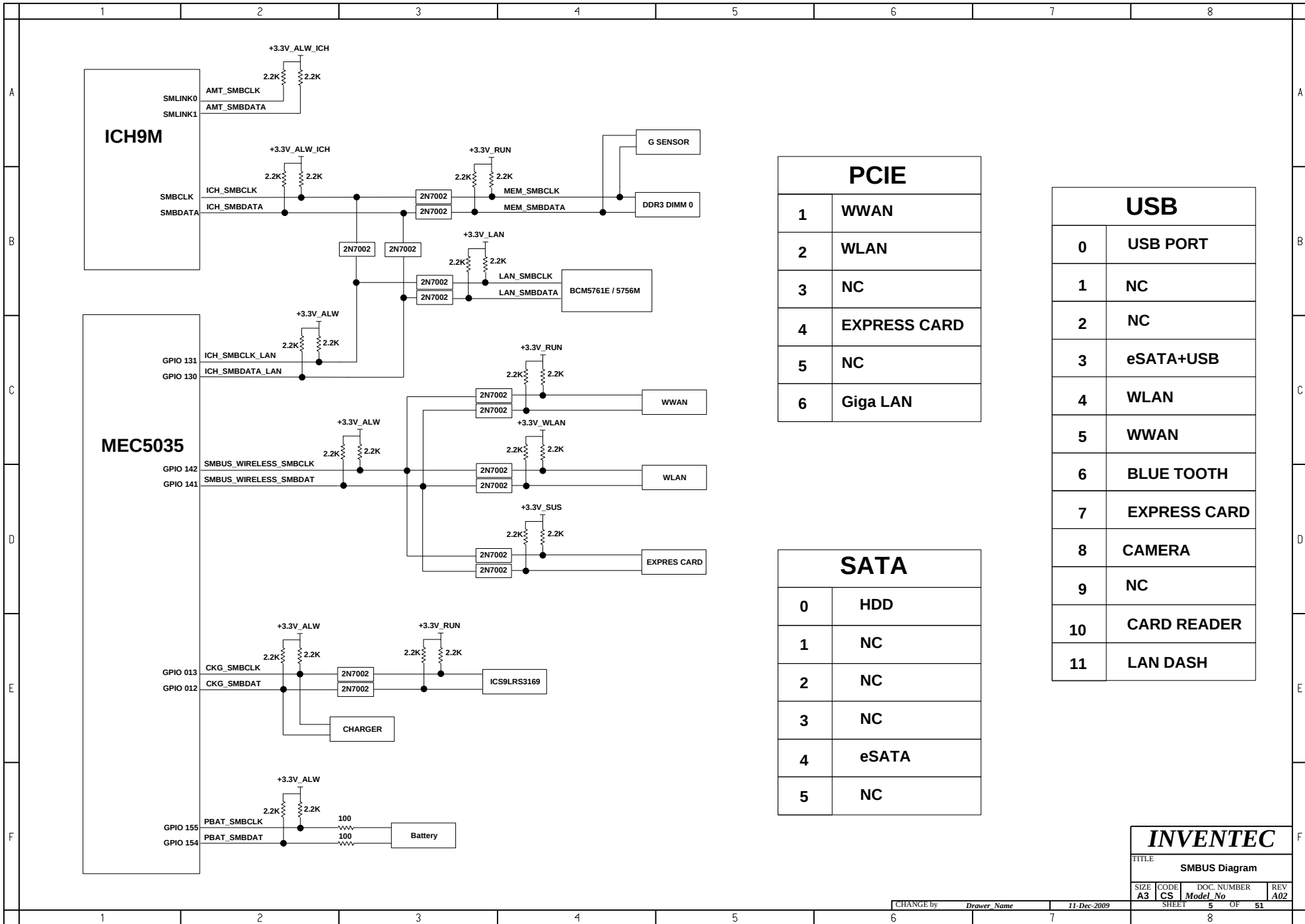
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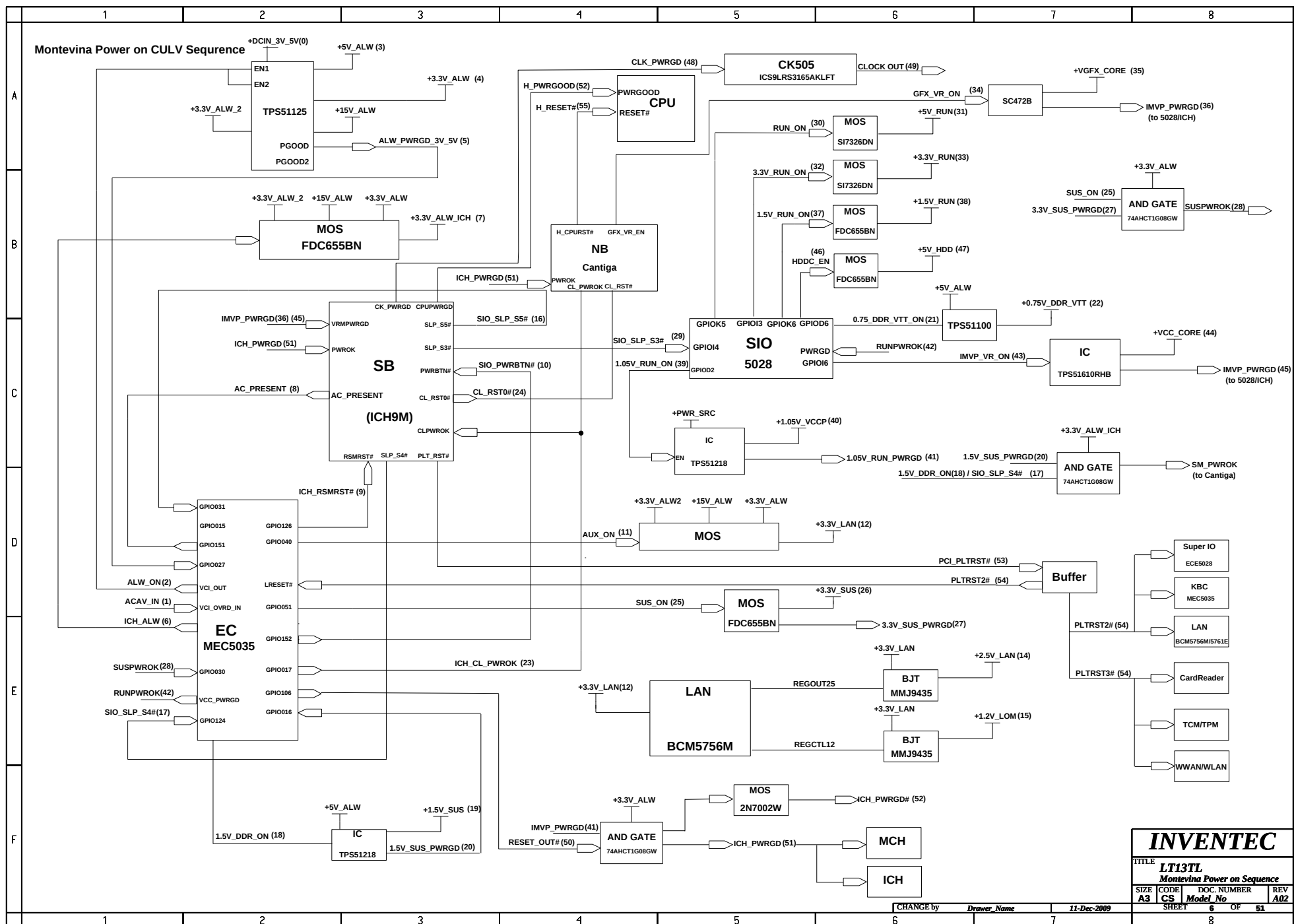
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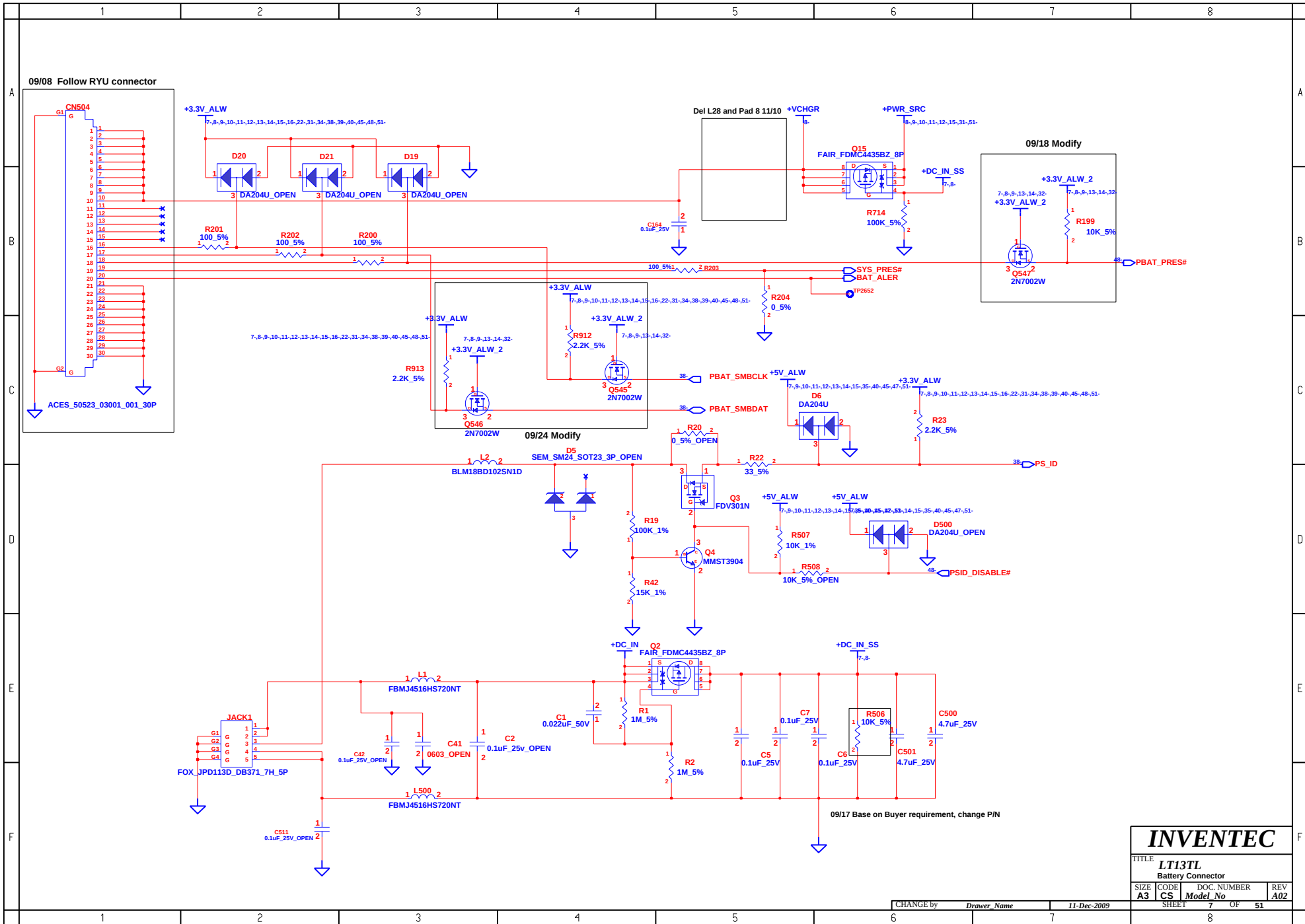
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SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A02
SHEET 2		OF 51	
8			

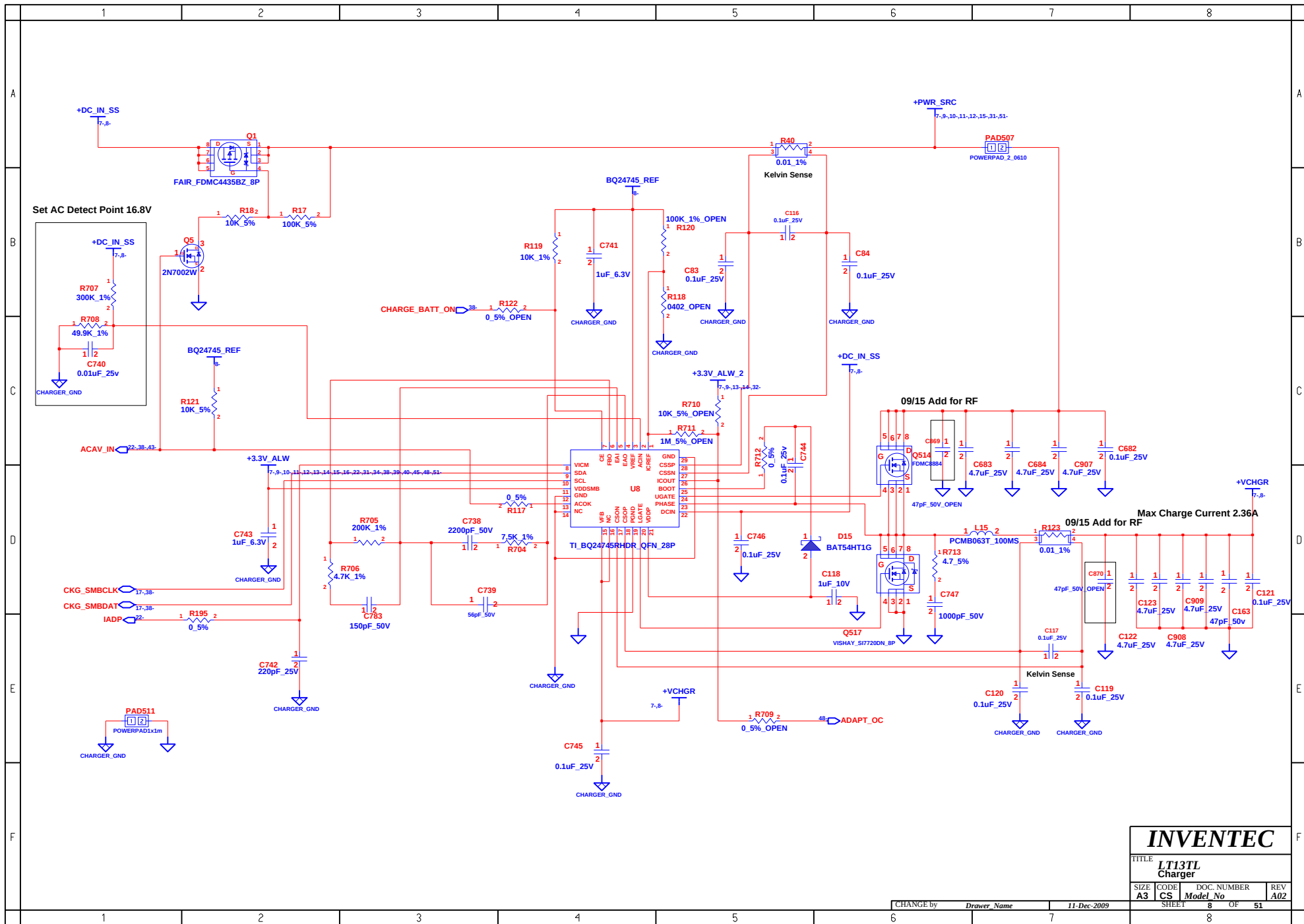










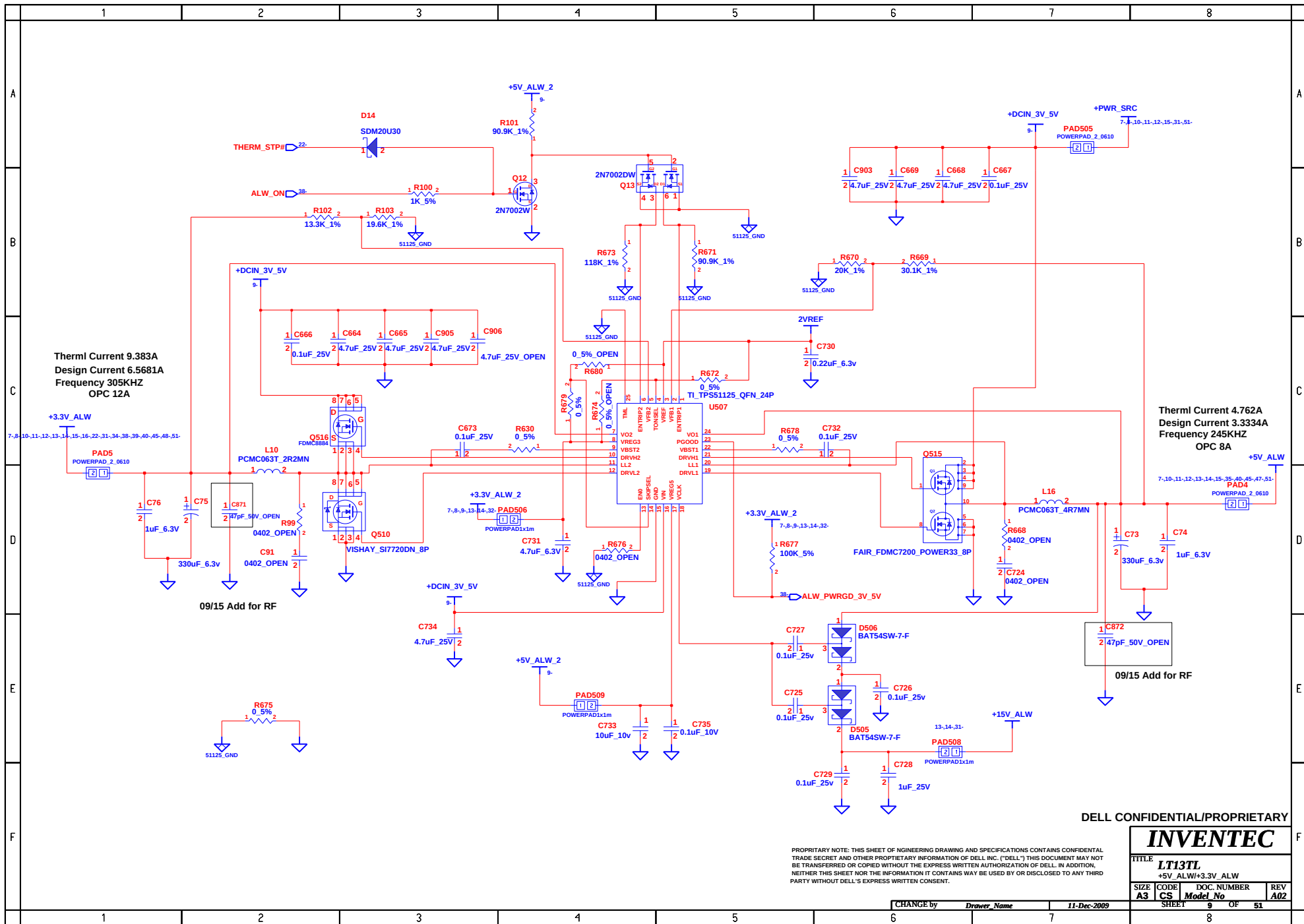


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INVENTEC

TITLE			
LT131TL			
Charger			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		8	OF 51

CHANGE by Drawer Name 11-Dec-2009



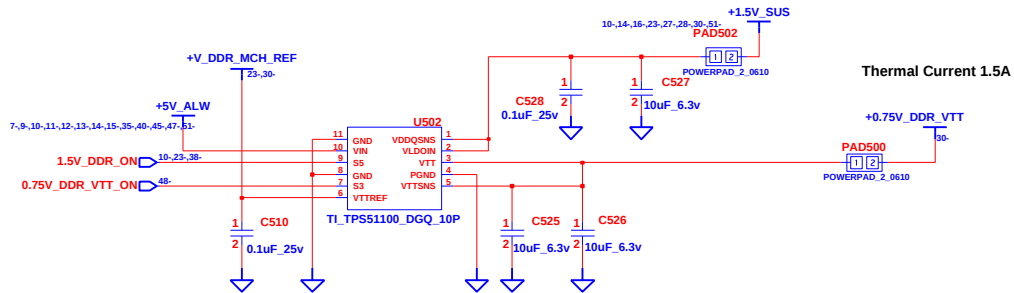
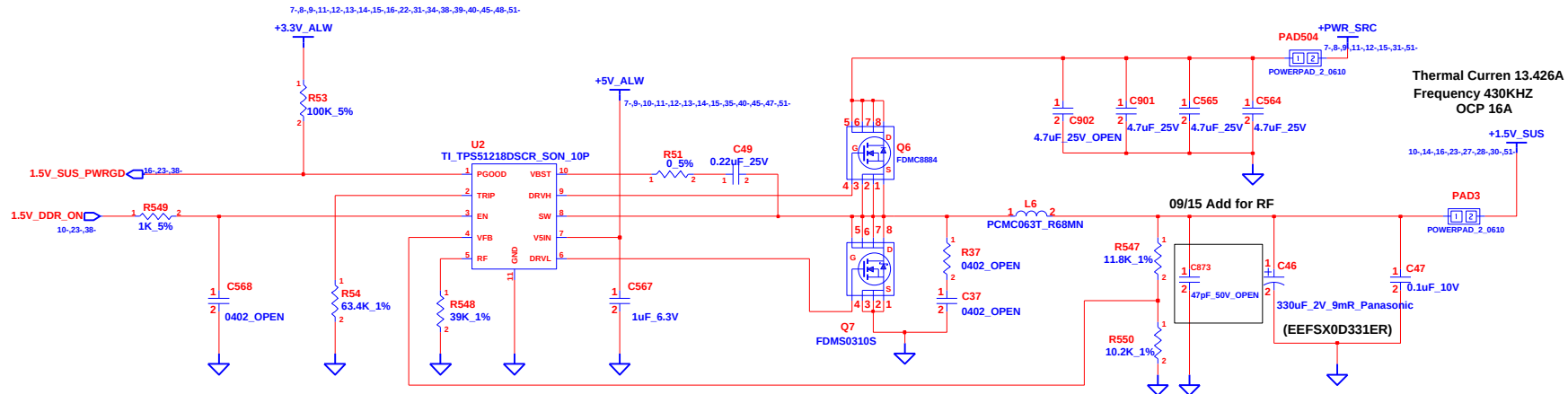
DELL CONFIDENTIAL/PROPRIETARY

INVENTEC

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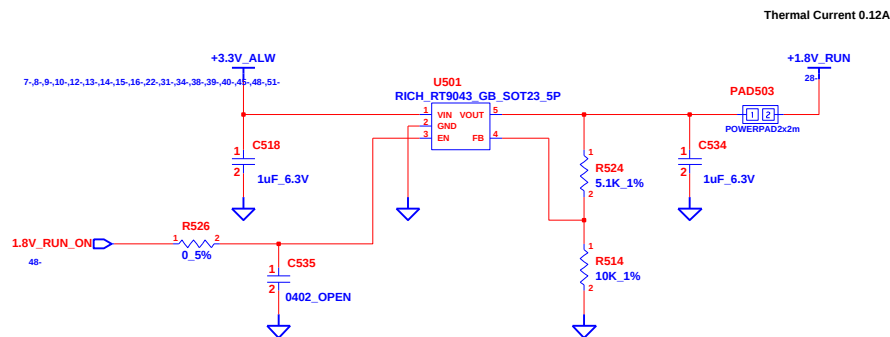
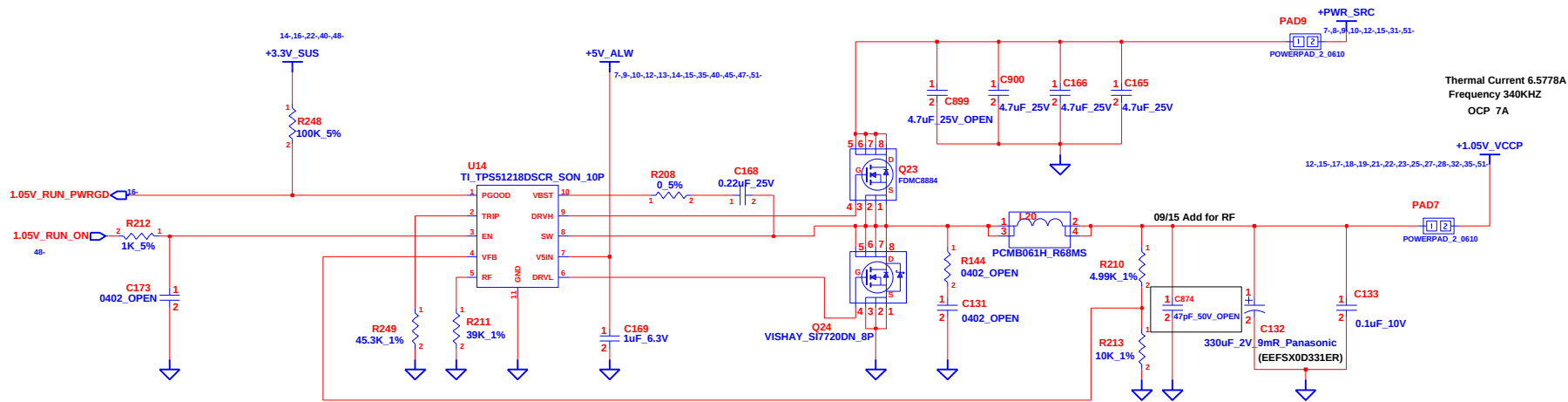
TITLE			
LT13TL			
+5V_ALW/+3.3V_ALW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		9	OF 51

CHANGE by *Drawn Name* 11-Dec-2009



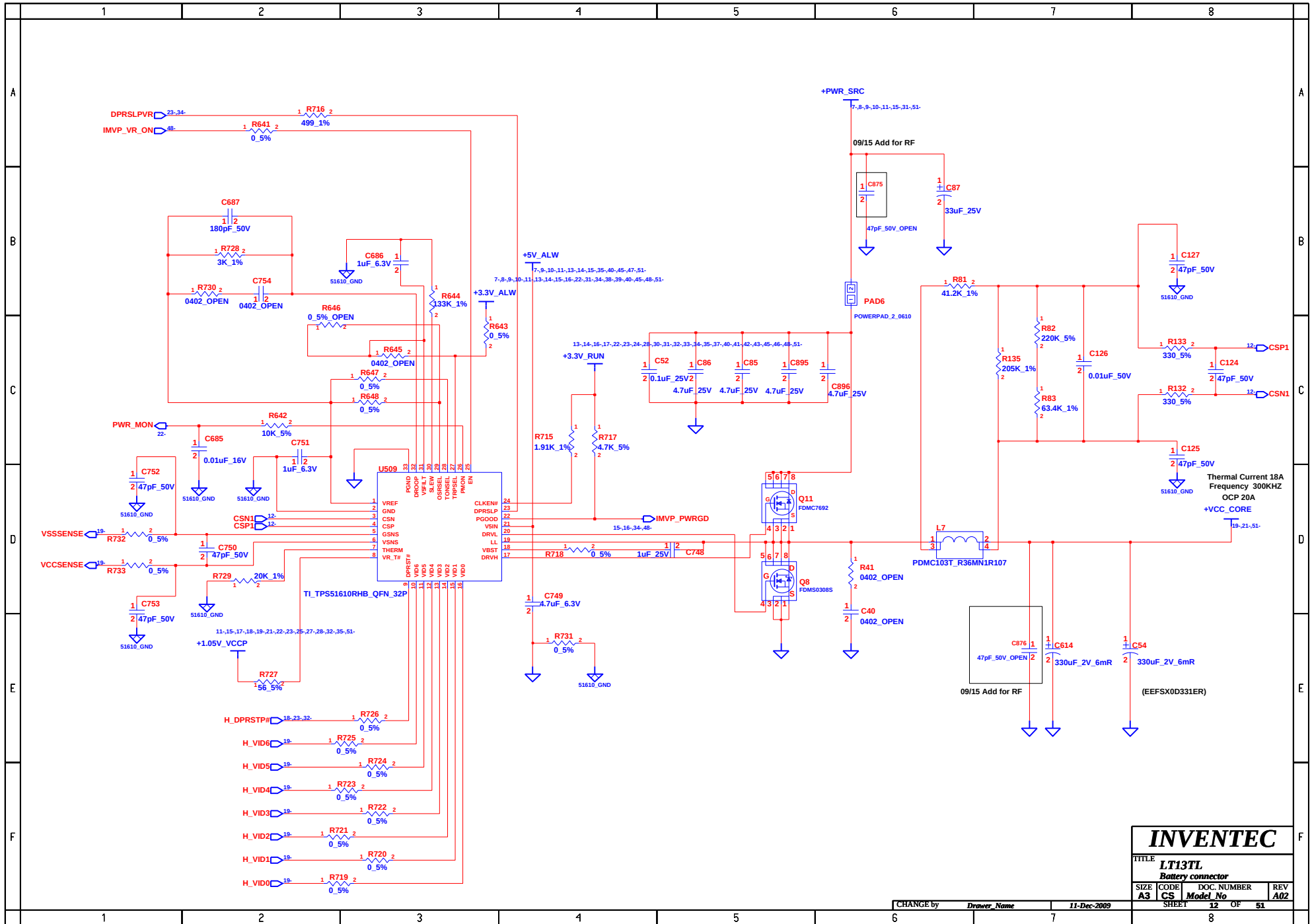
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TITLE			
LT13TL			
BLT Power on Sequence			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		10	OF 51

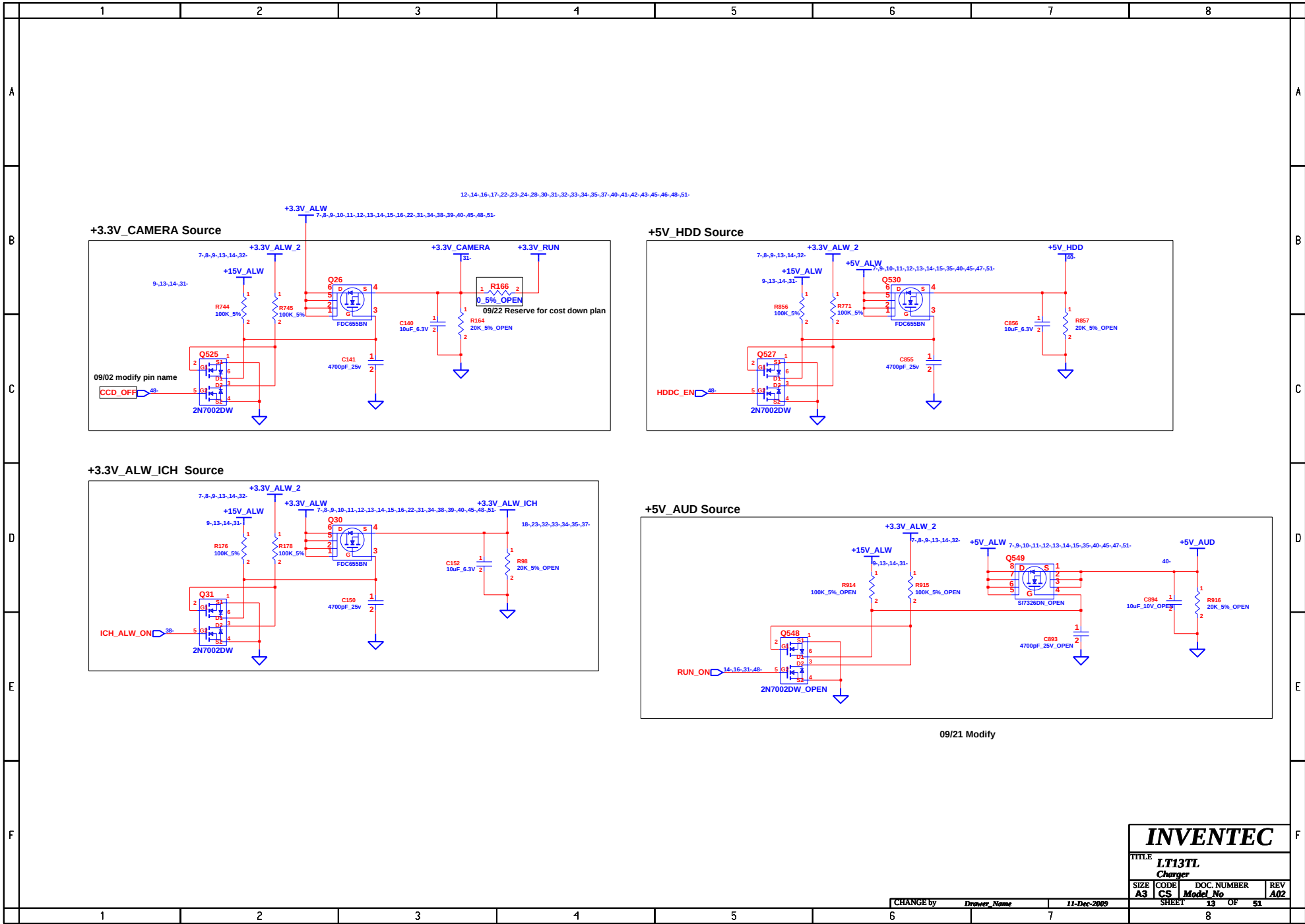
CHANGE by *Drawn Name* 11-Dec-2009



INVENTEC			
TITLE			
LT13TL			
BLT Power on Sequence			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		11	OF 51

CHANGE by *Drawer Name* 11-Dec-2009



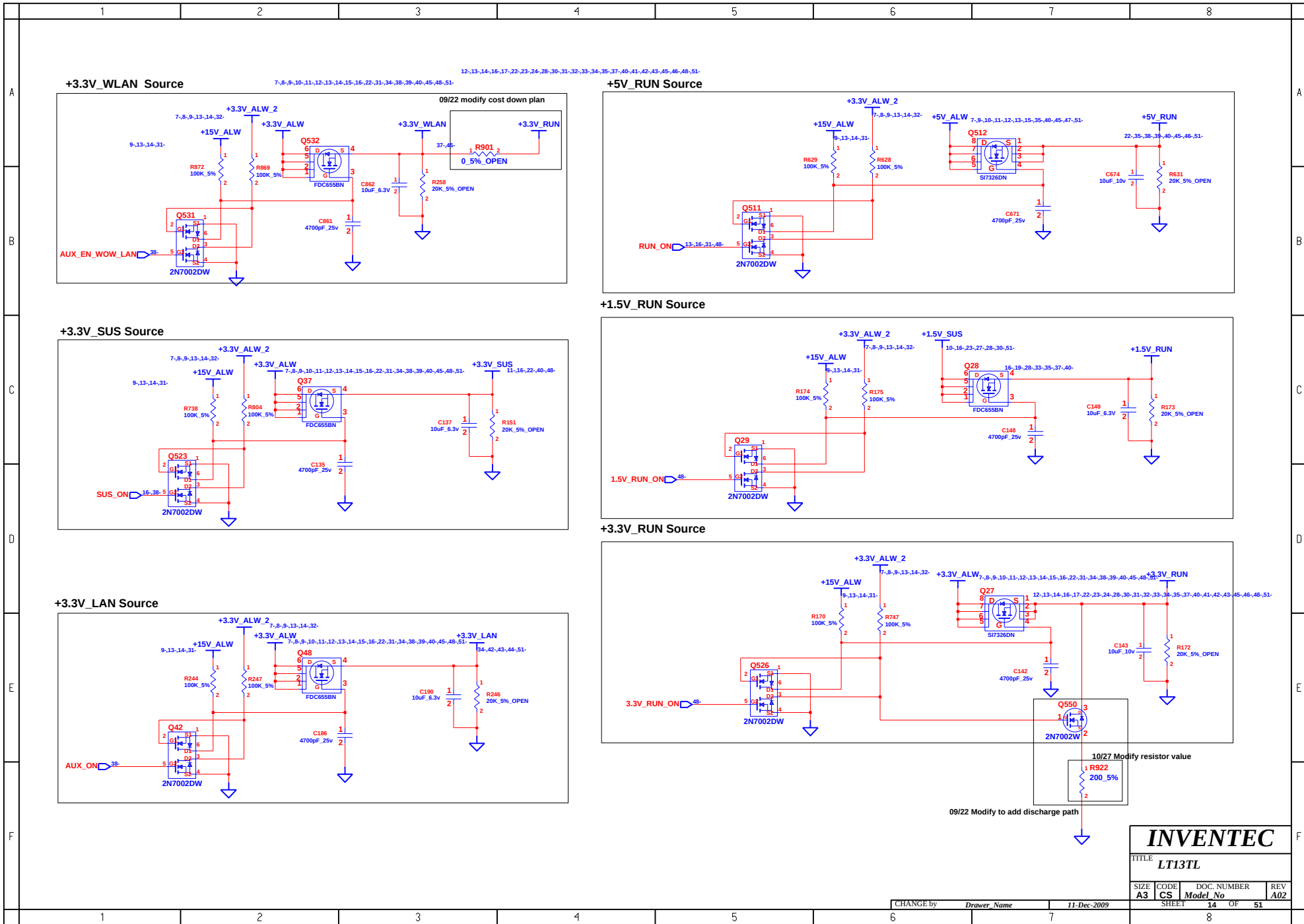


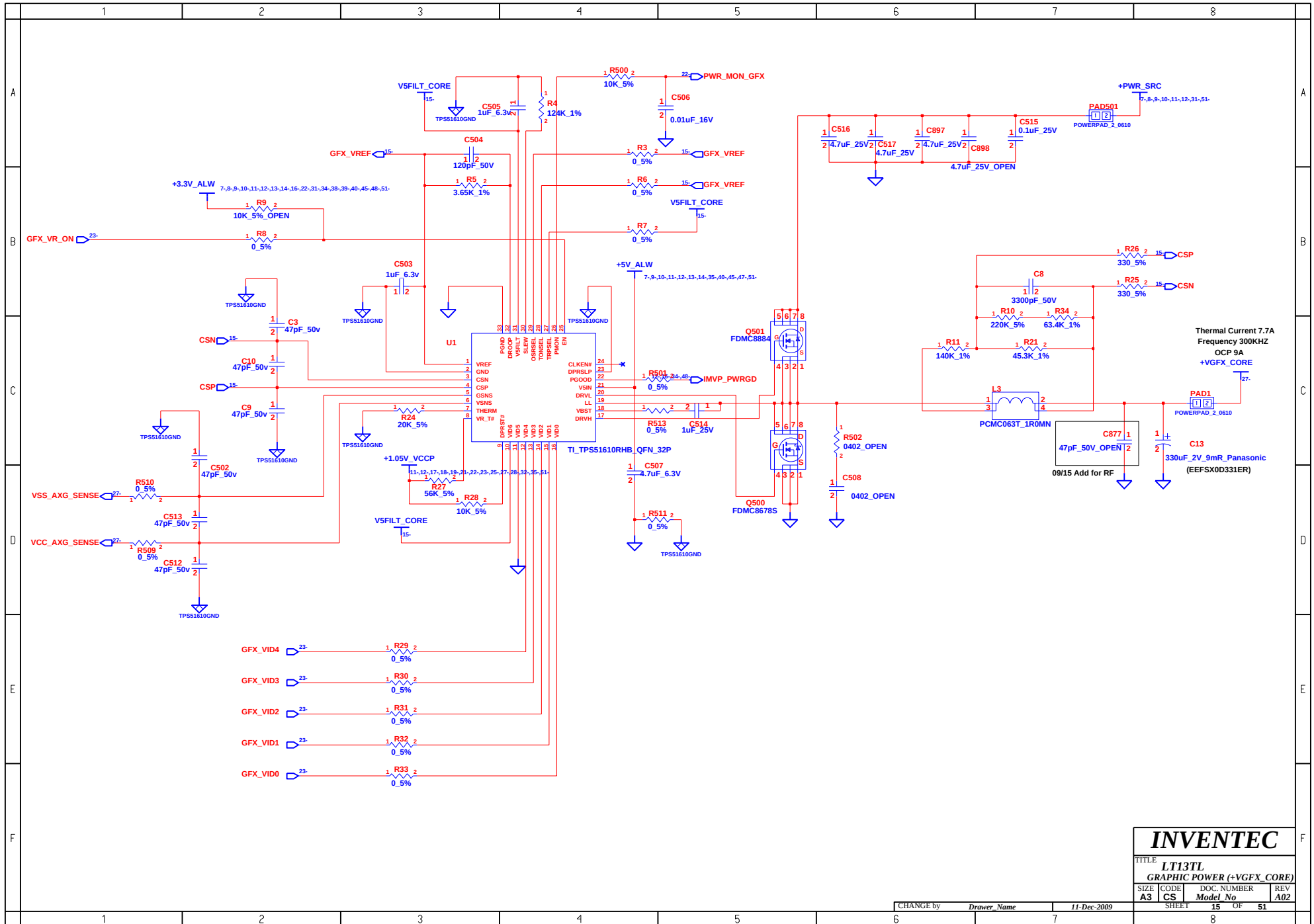
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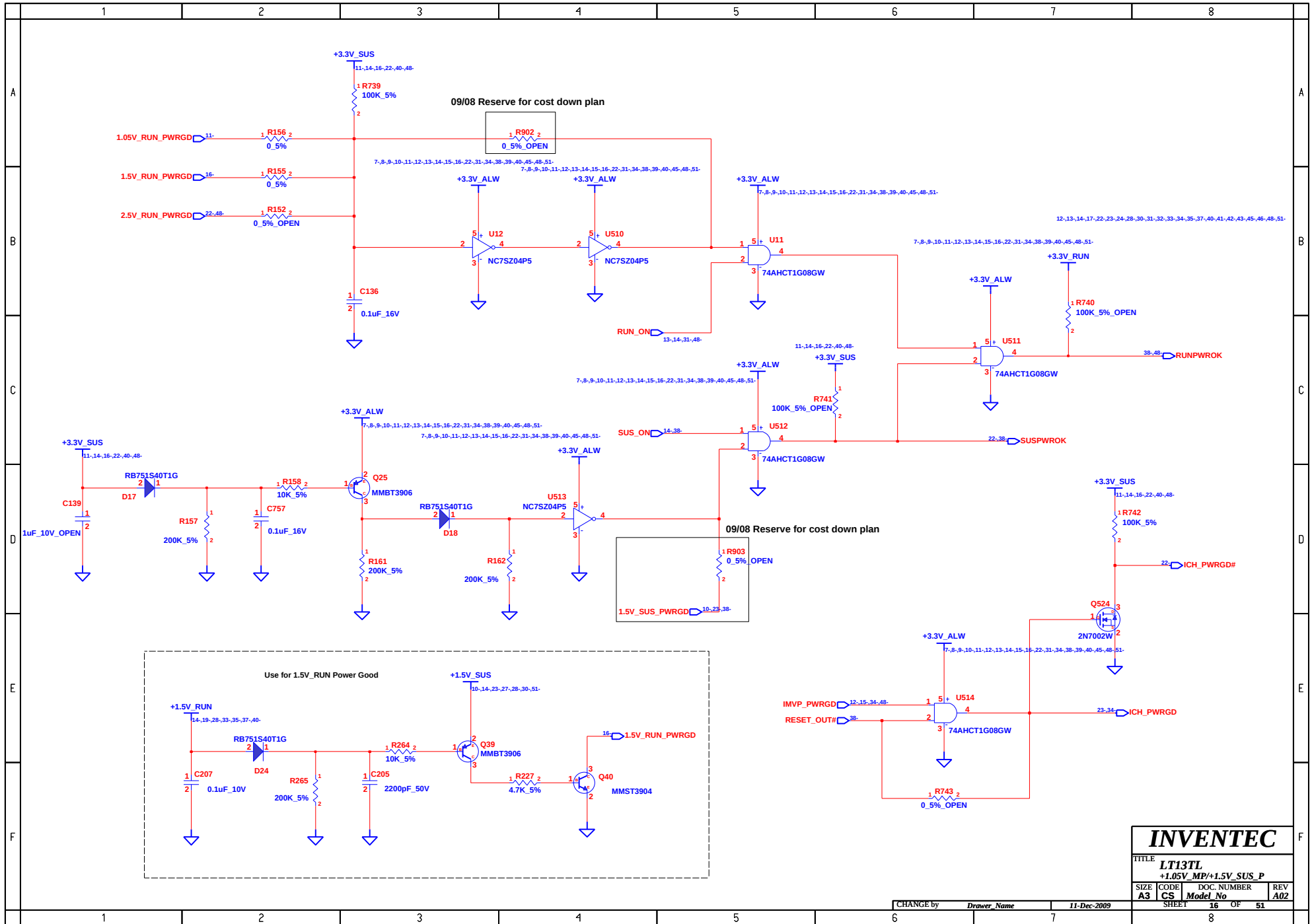
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LT13TL
Charger

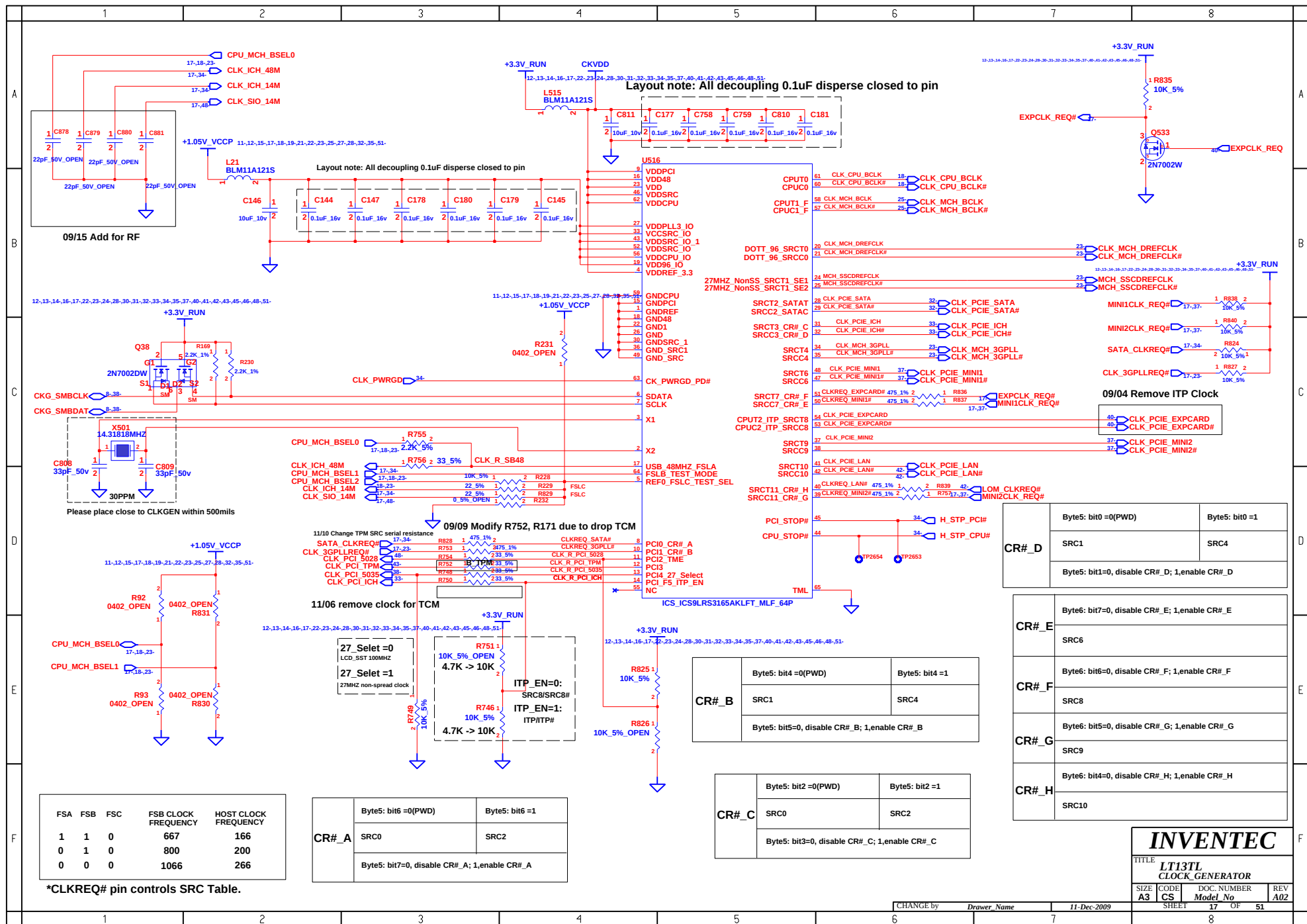
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A3 CS Model No 13 OF 51 A02

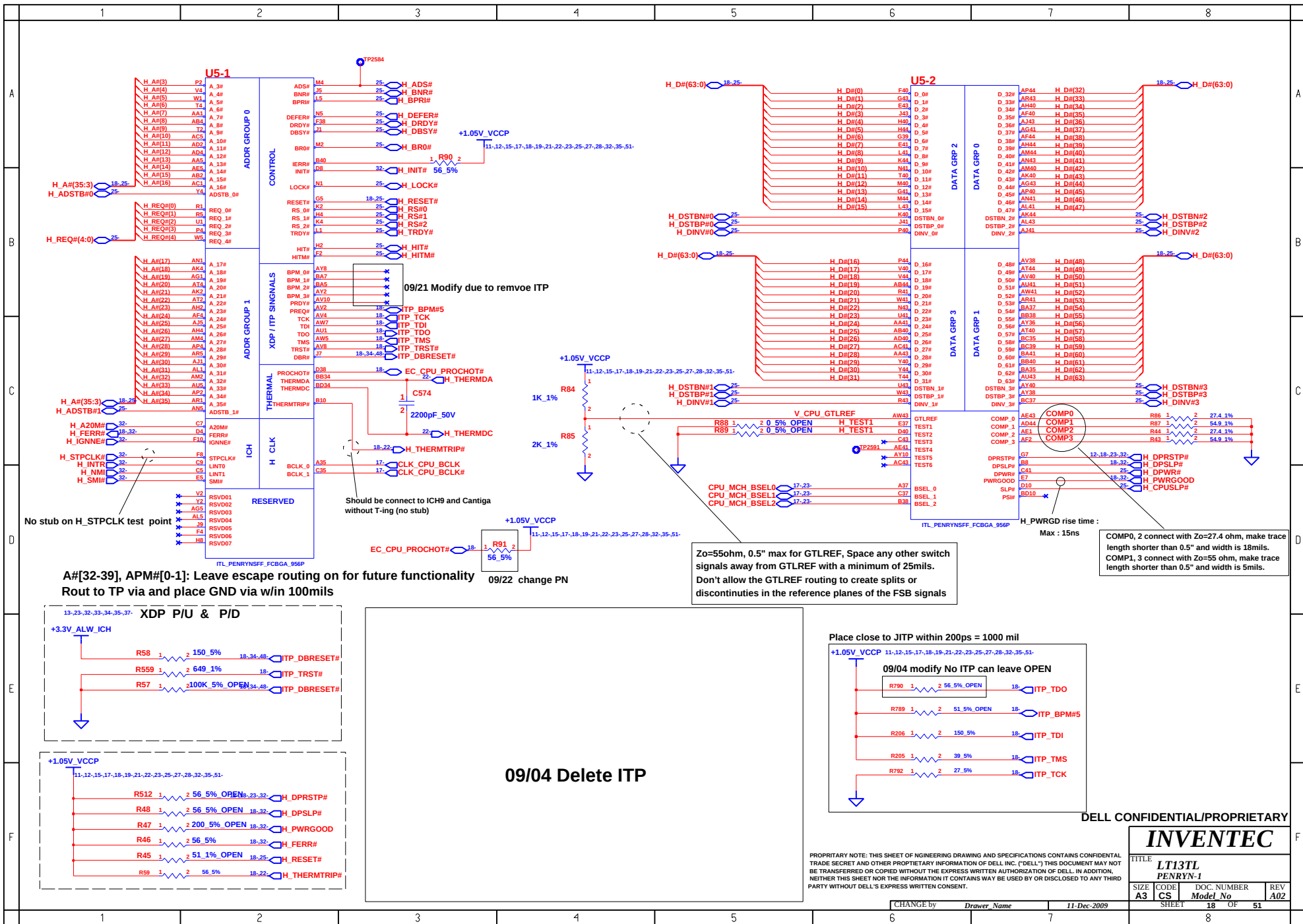
CHANGE by Drawn Name 11-Dec-2009











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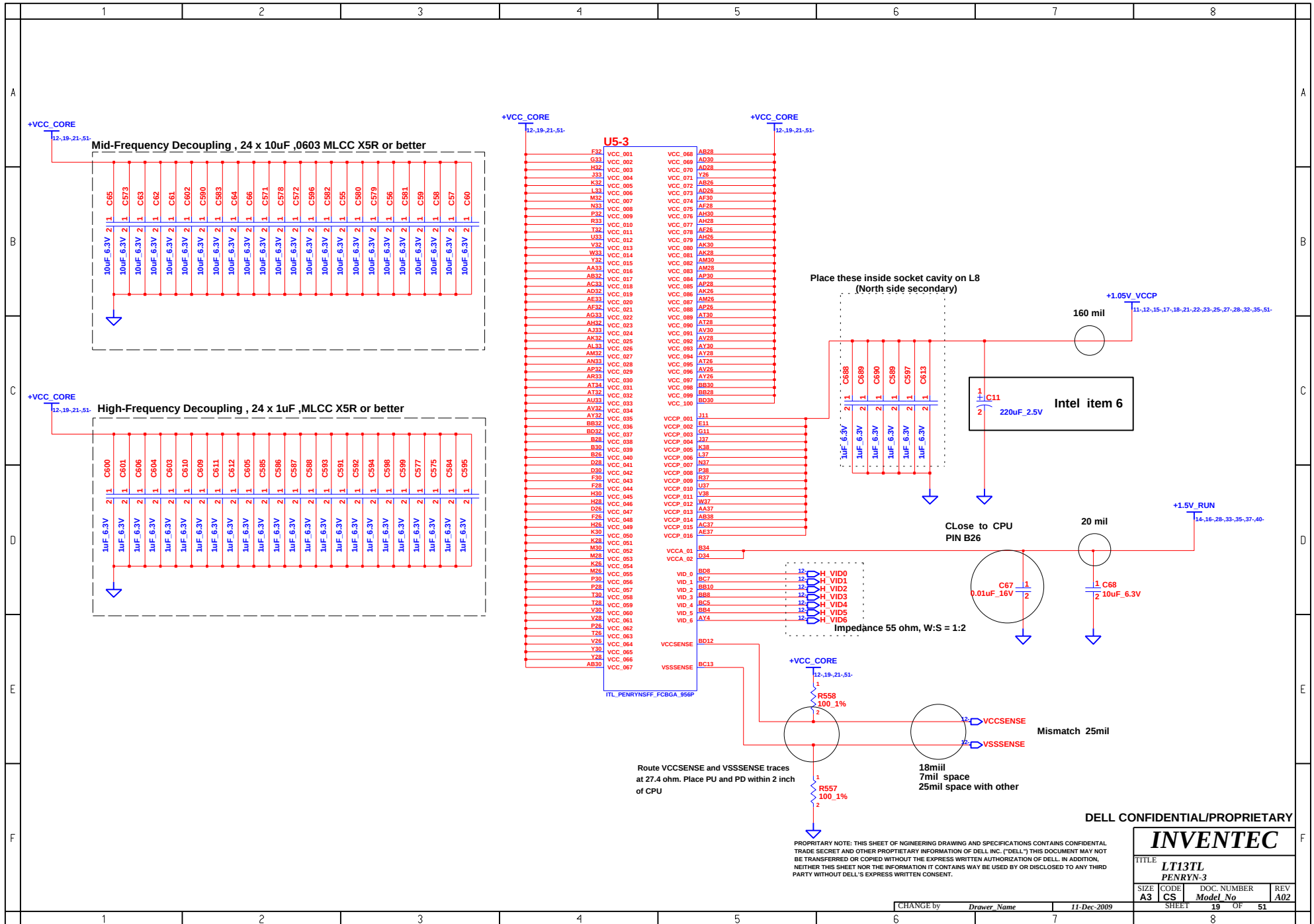
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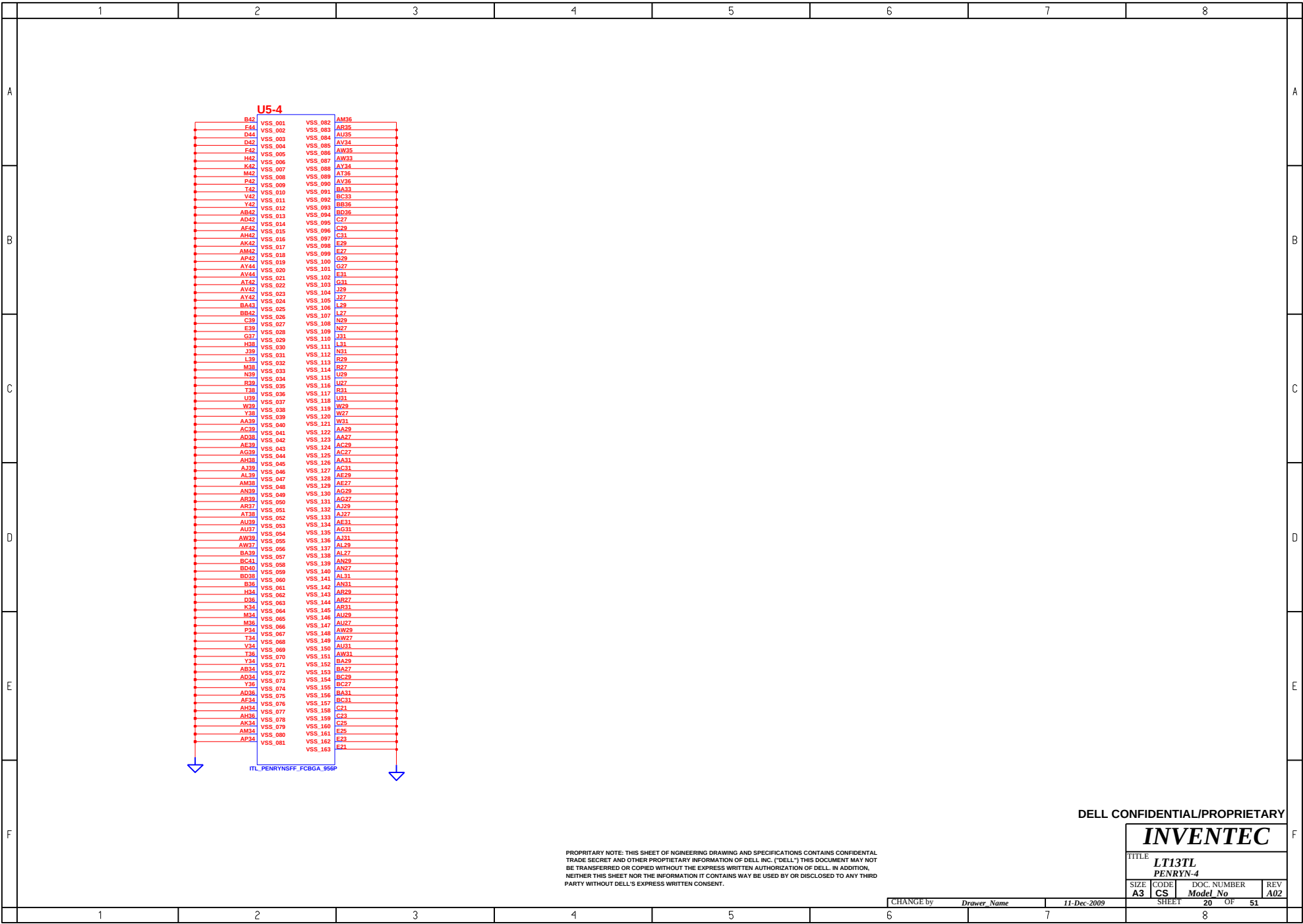
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PENRYN-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

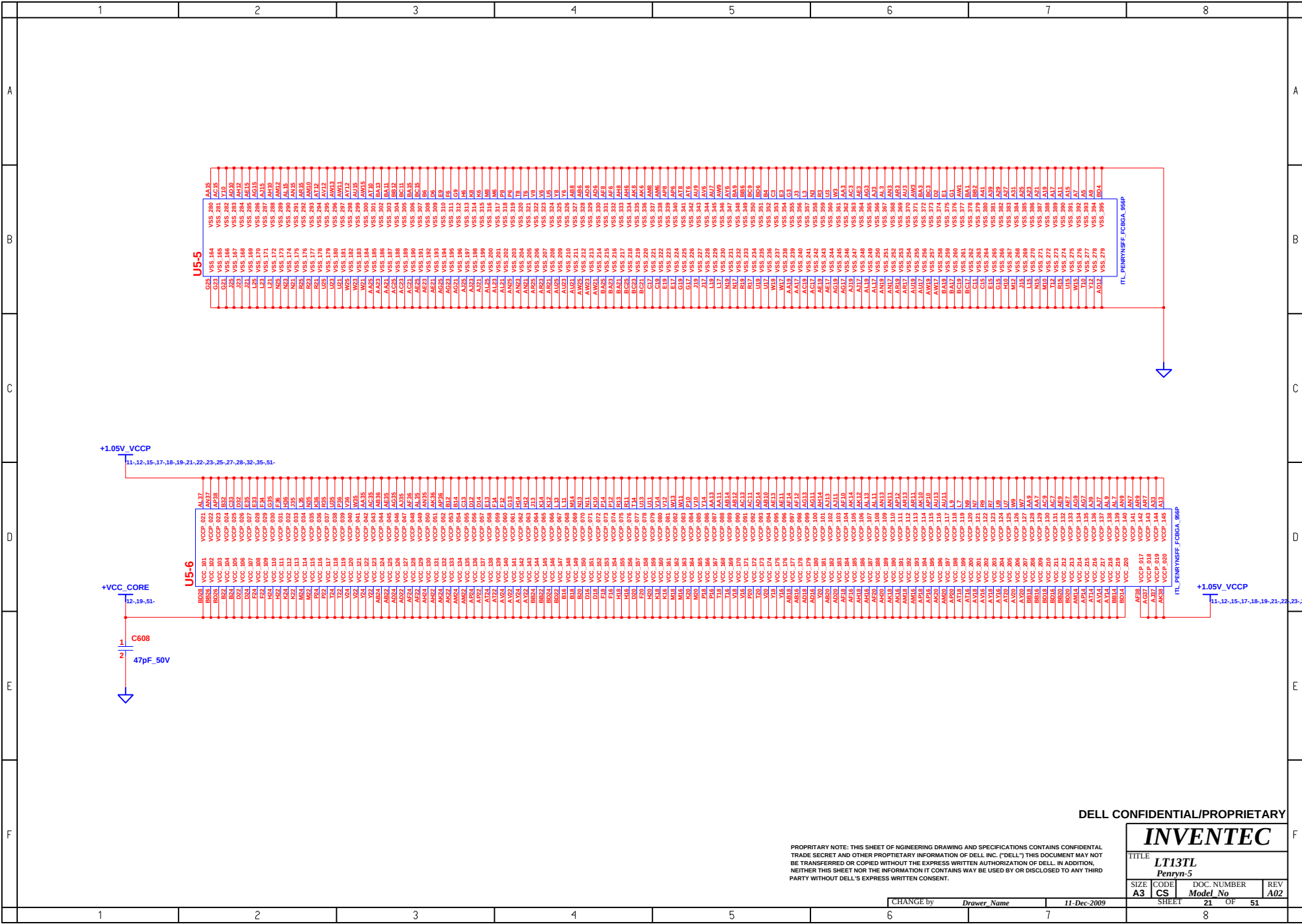
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CHANGE by *Drawn Name* 11-Dec-2009

SHEET 18 OF 51







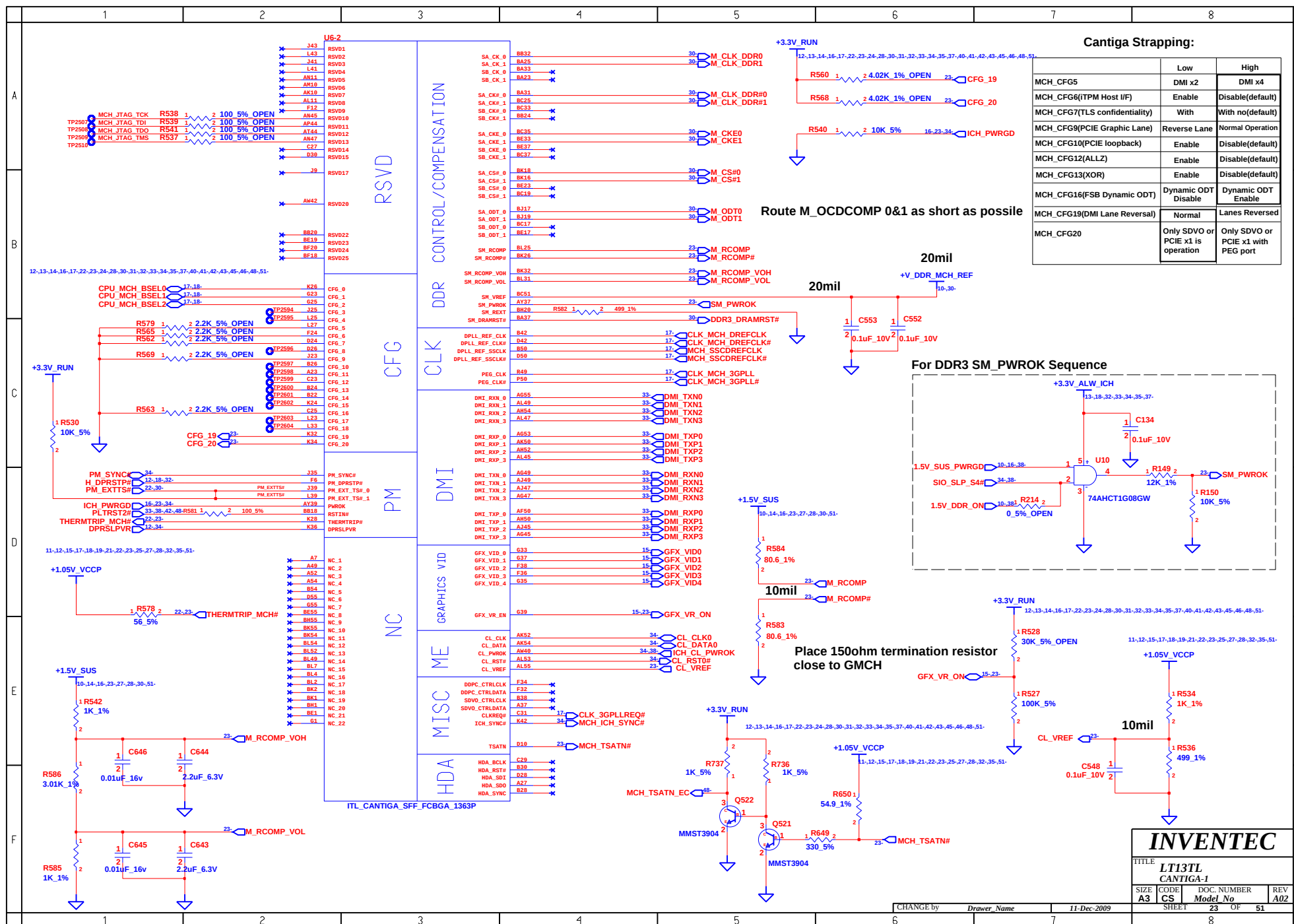
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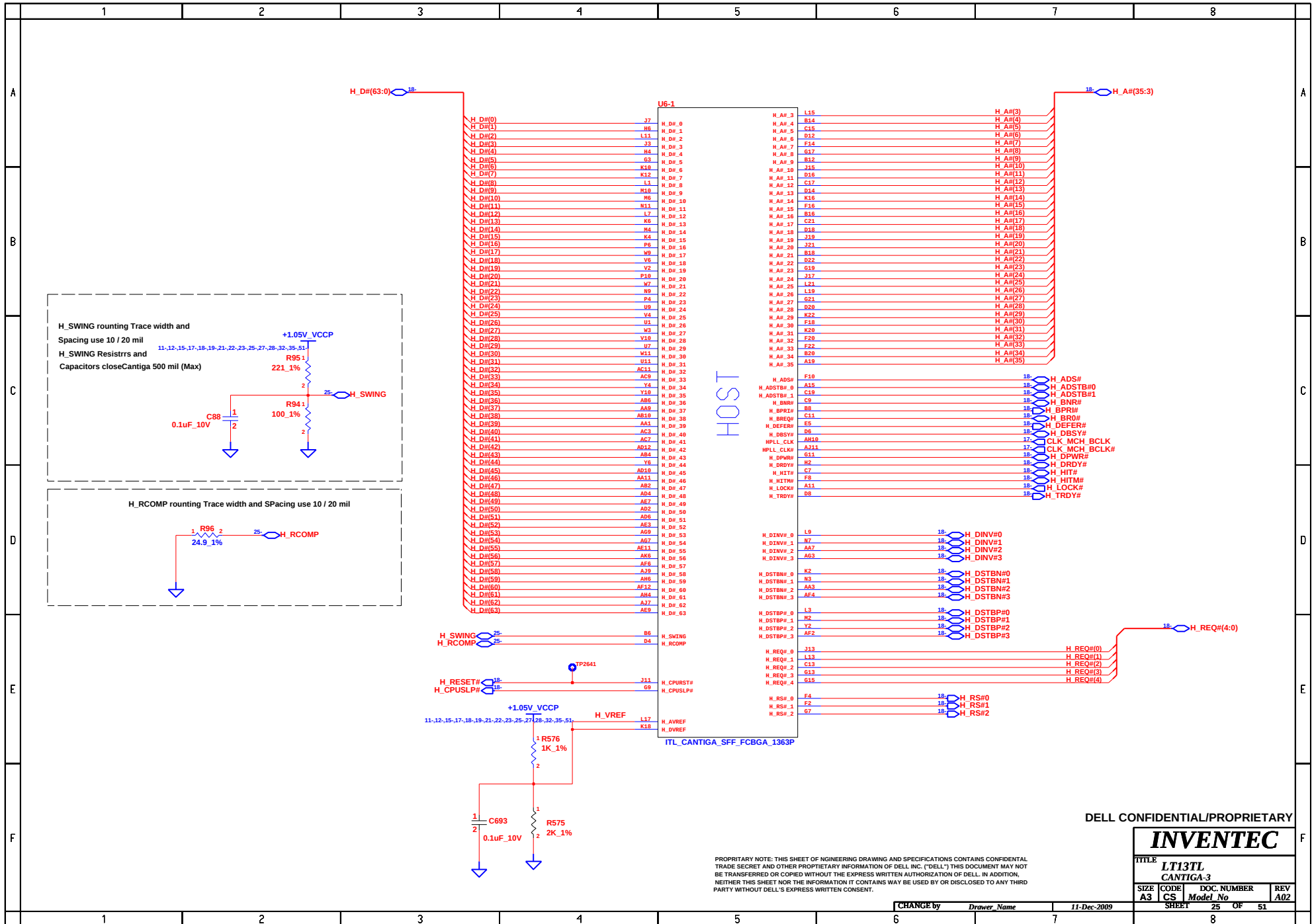
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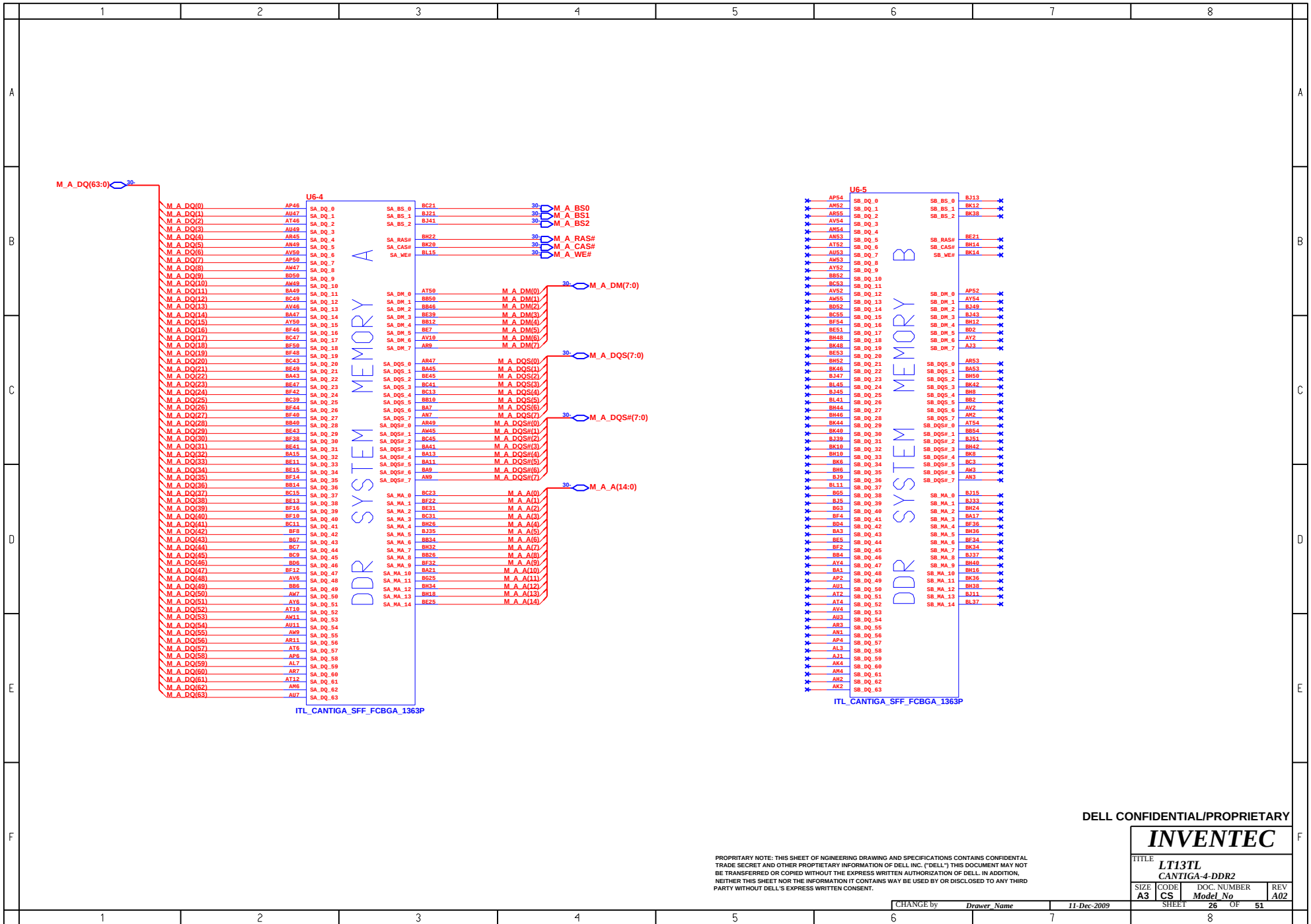
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TITLE LT13TL Penryn-5			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET		21	OF 51

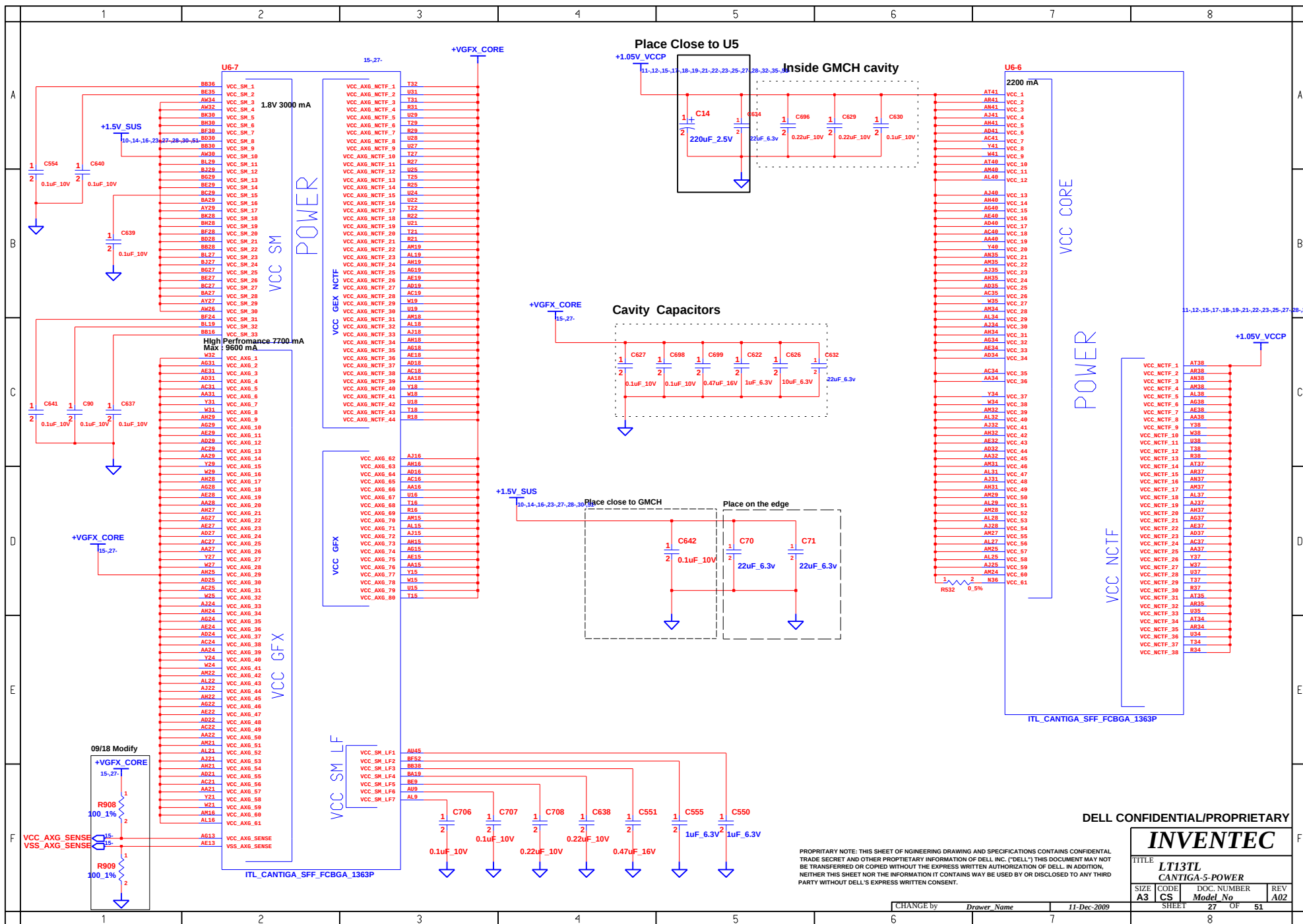
CHANGE by Drawer Name 11-Dec-2009

8









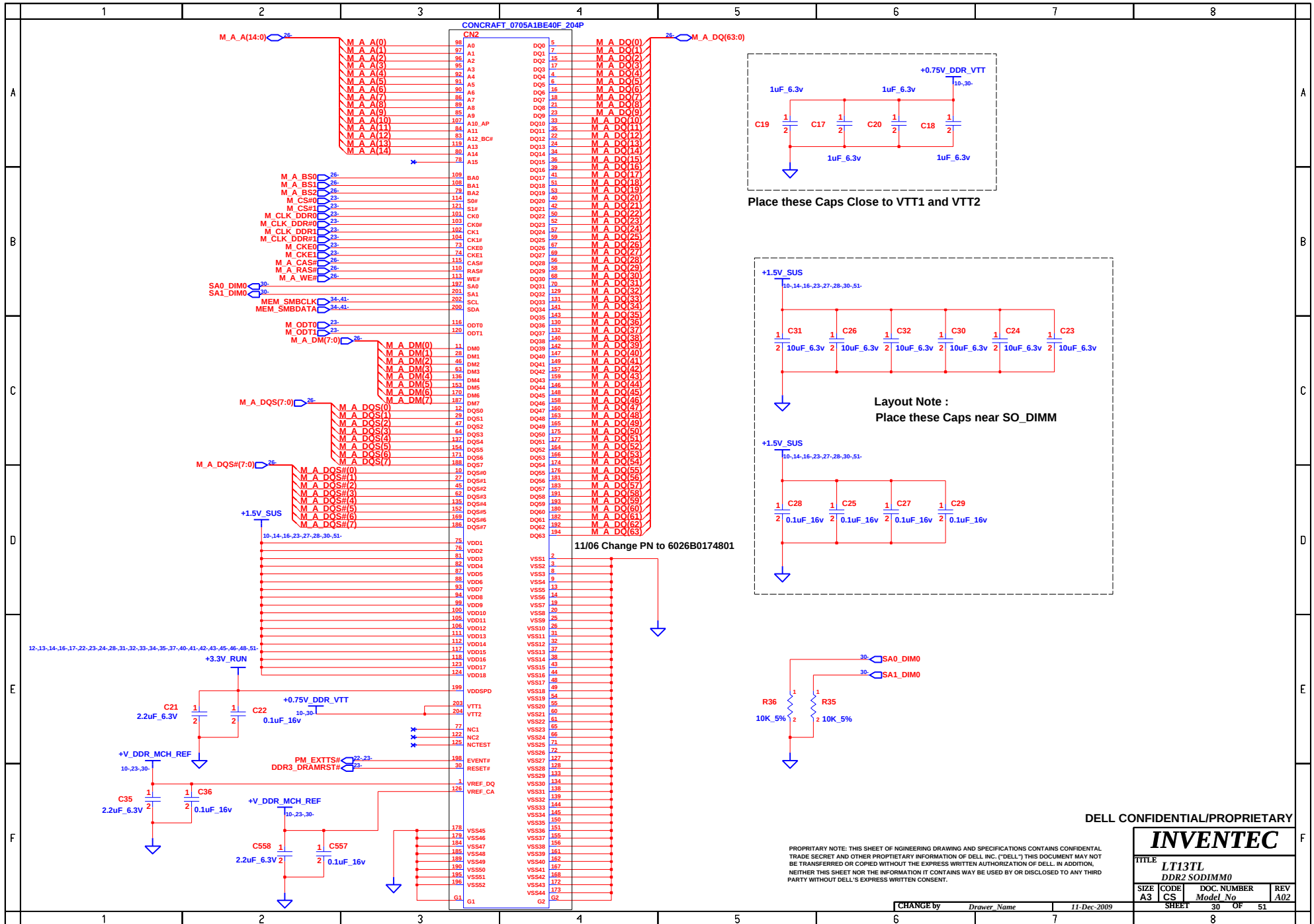
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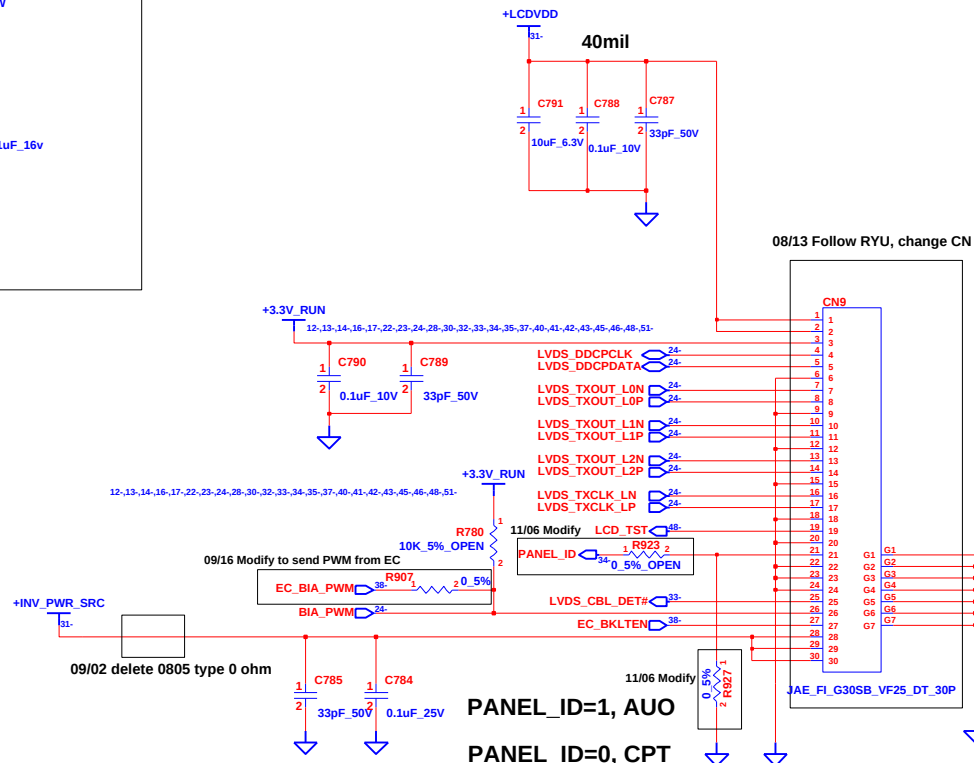
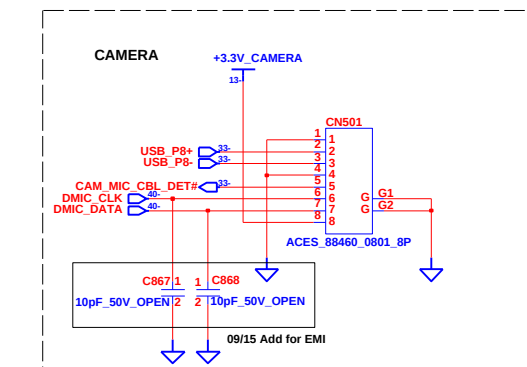
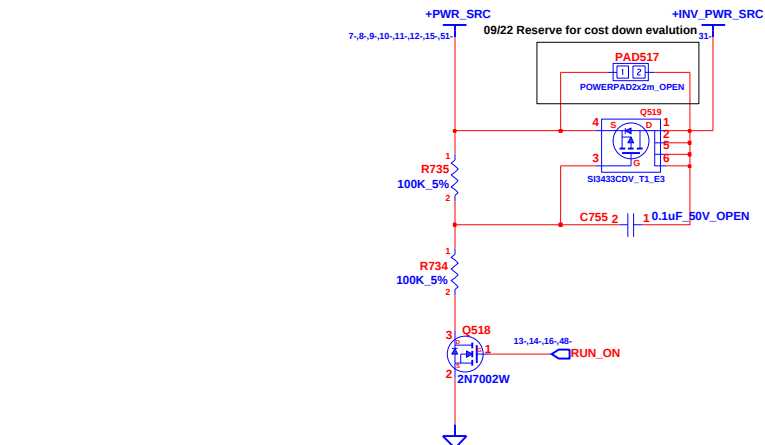
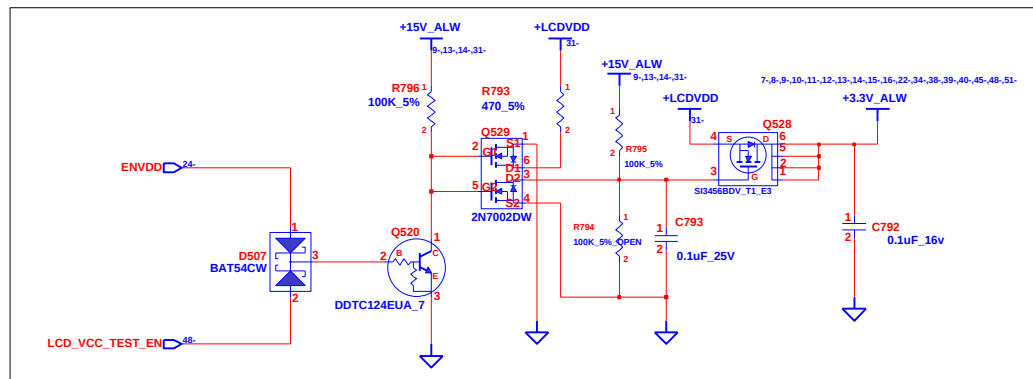
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TITLE			
<i>LT13TL</i> <i>CANTIGA-POWER</i>			
SIZE	CODE	DOC. NUMBER	REVISION
A3	CS	Model No	A
SHEET		29	OF 51

CHANGE by	<i>Drawer Name</i>	11-Dec-2009
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LCD Power



DELL CONFIDENTIAL/PROPRIETARY

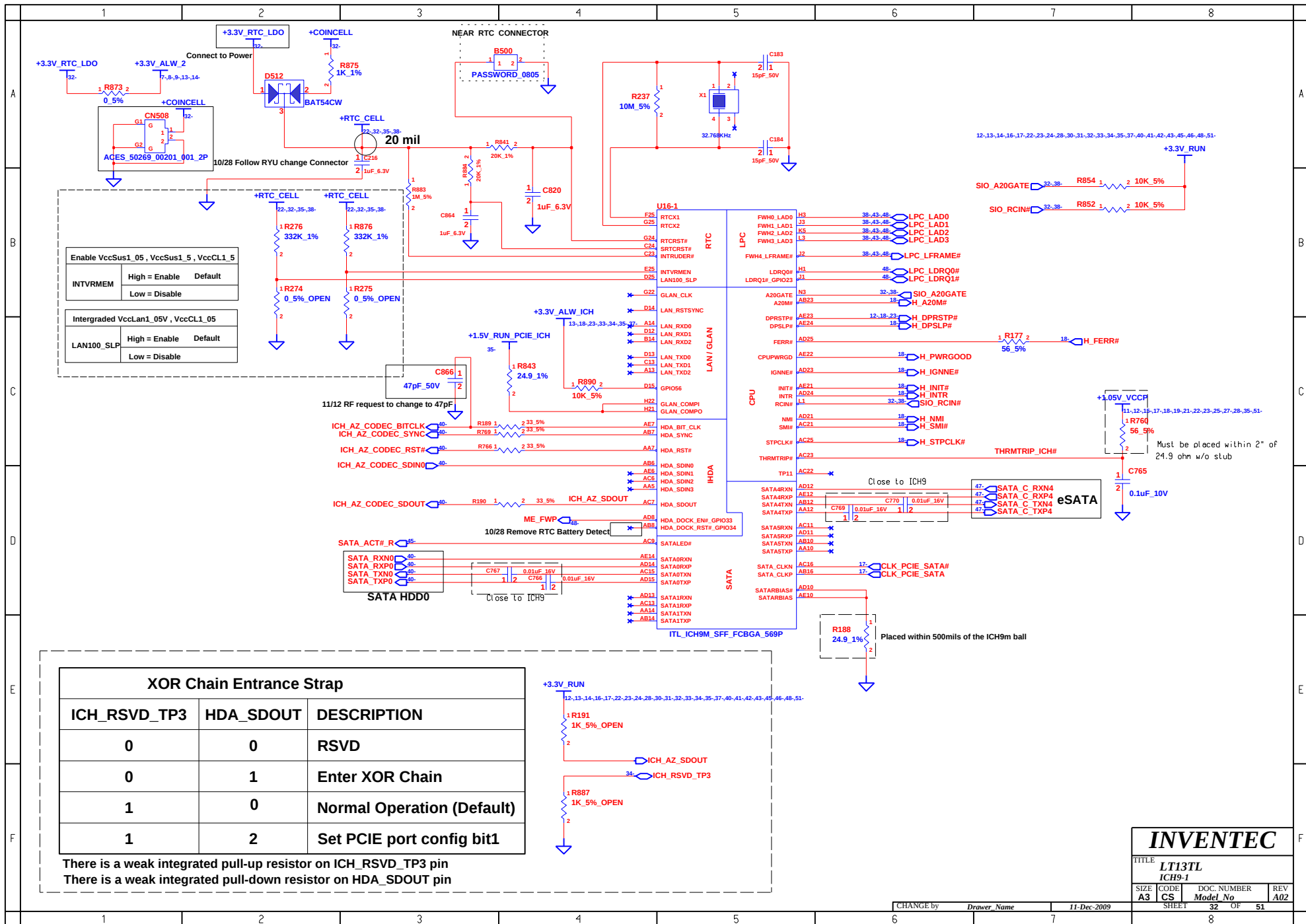
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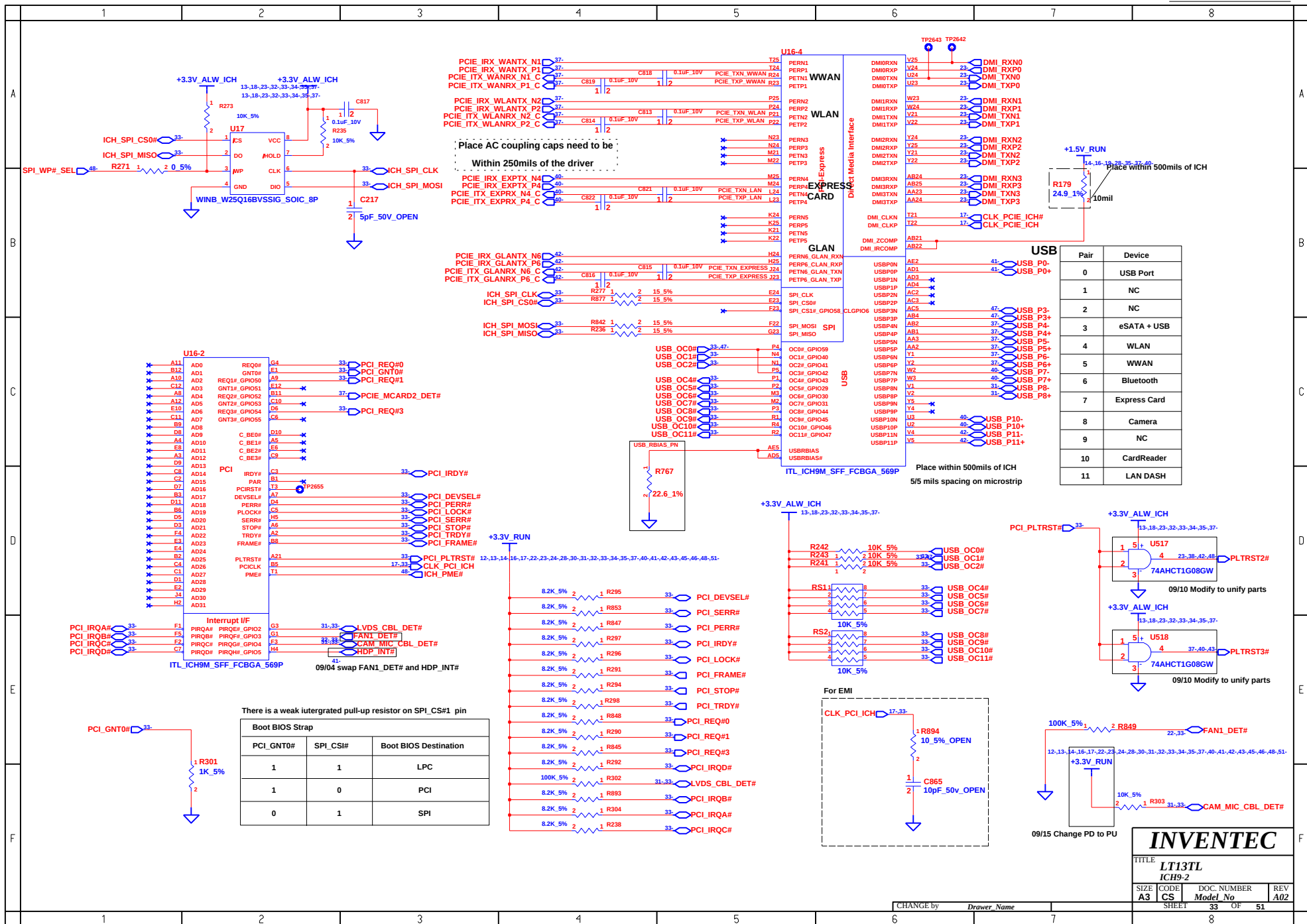
TITLE			
LT13TL			
LCM CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		31	OF 51

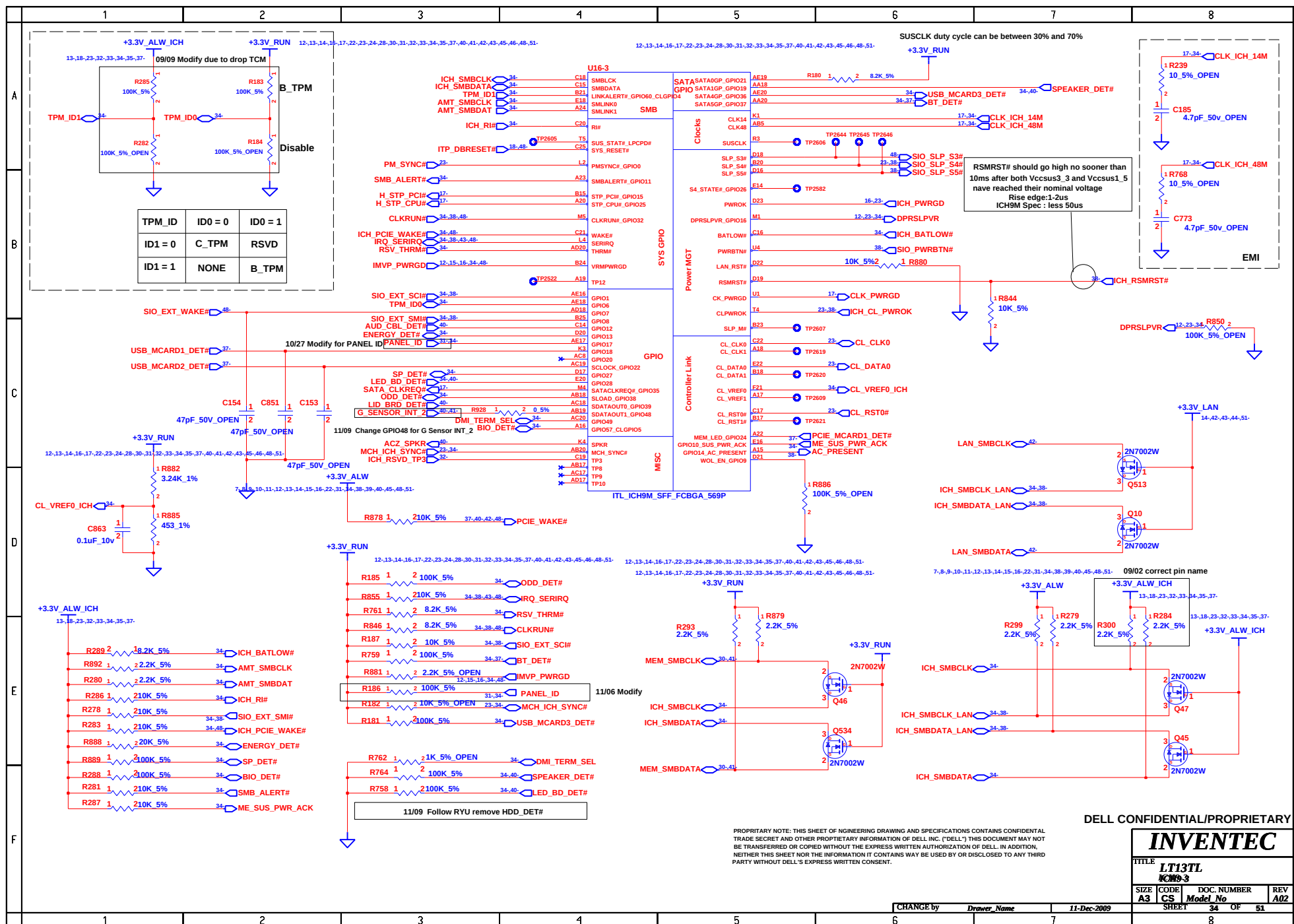
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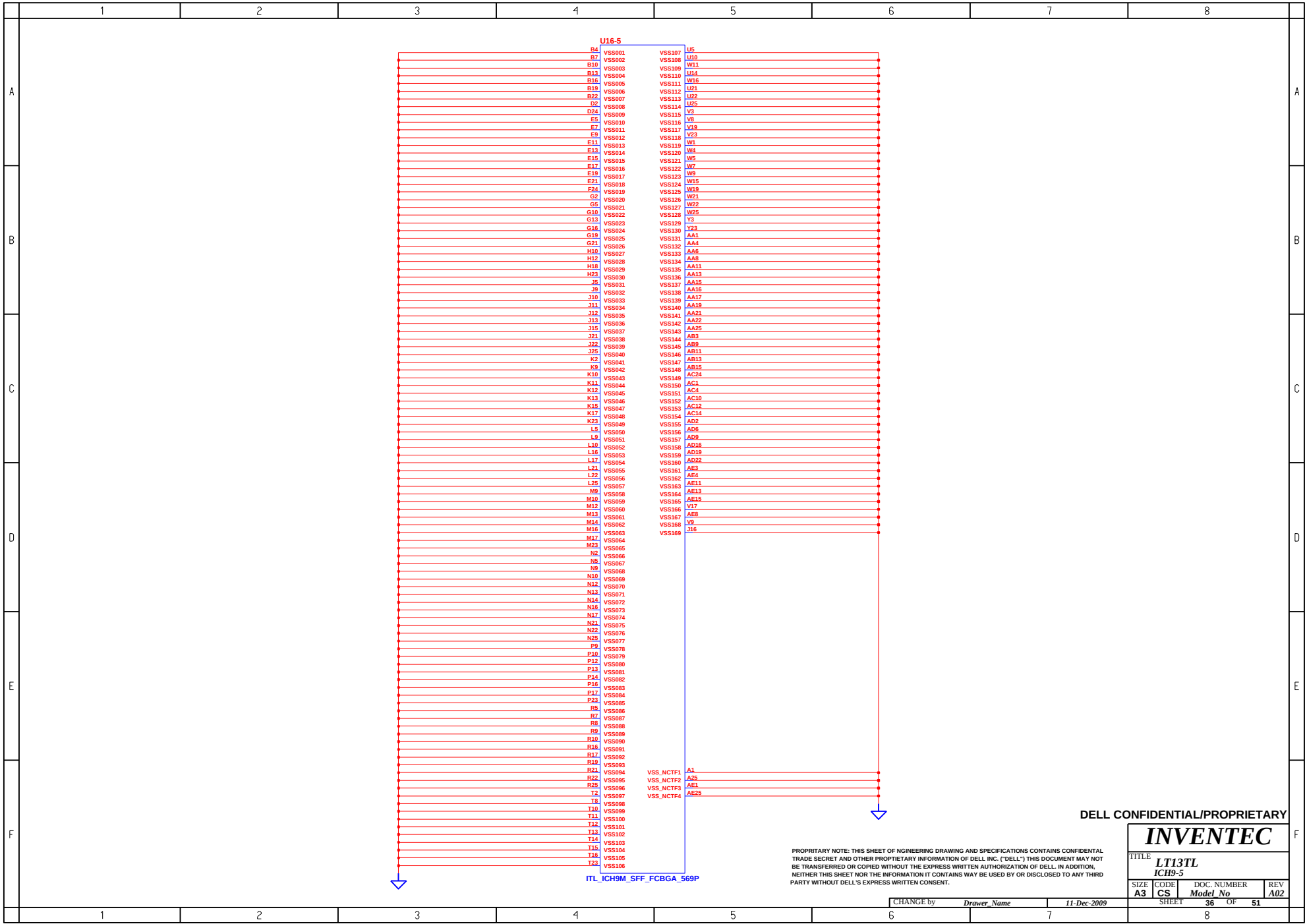
CHANGE by *Drawn Name* 11-Dec-2009

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INVENTEC

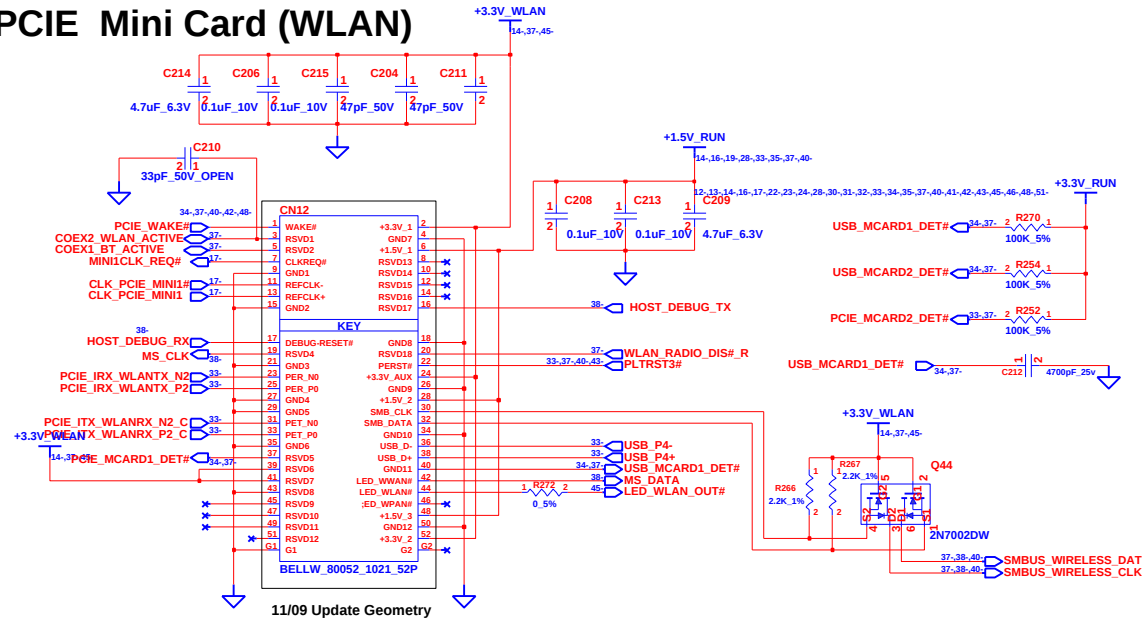
TITLE			
LT13TL			
ICH9-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

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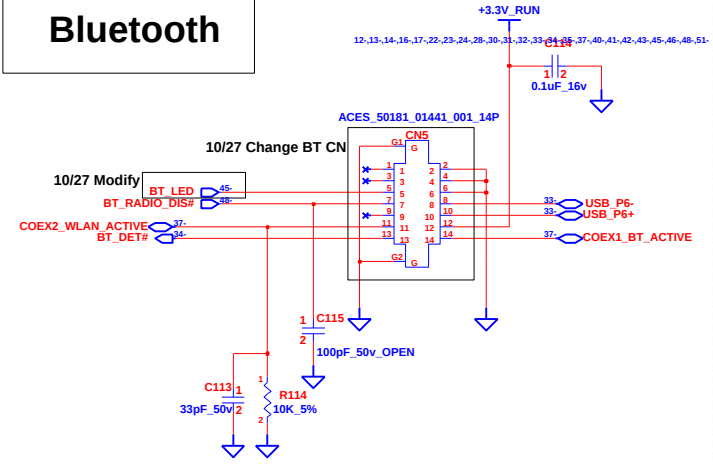
CHANGE by *Drawer Name* 11-Dec-2009

SHEET 36 OF 51

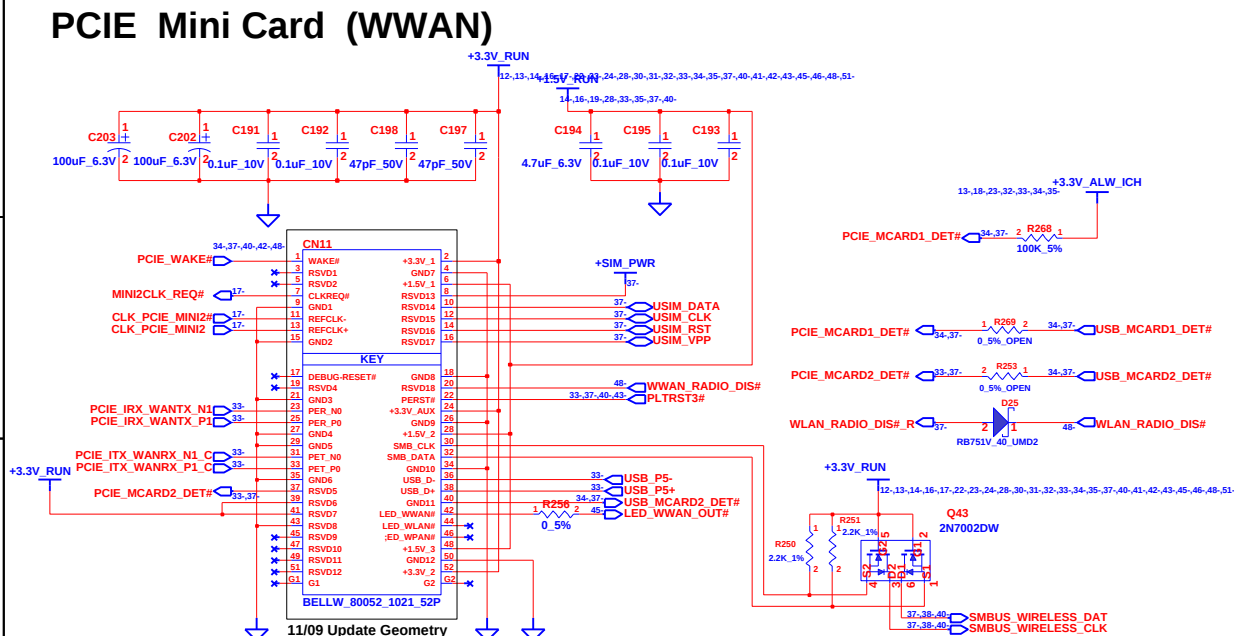
PCIE Mini Card (WLAN)



Bluetooth

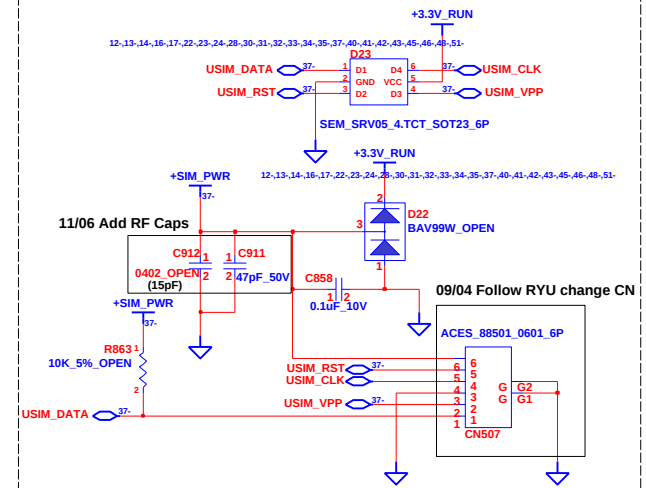


PCIE Mini Card (WWAN)



SIM CARD slot

On chip 5V to 3V regulator. No external regulator required
On chip power MOSFETs for supplying flash media card power.



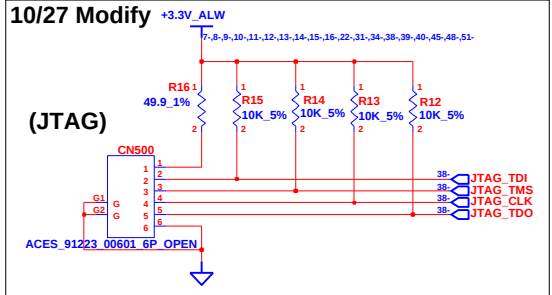
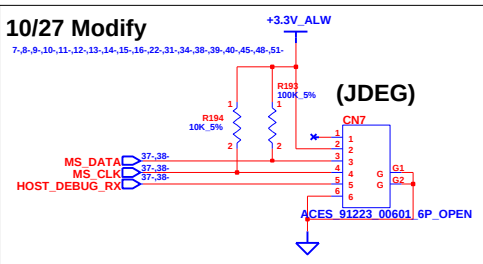
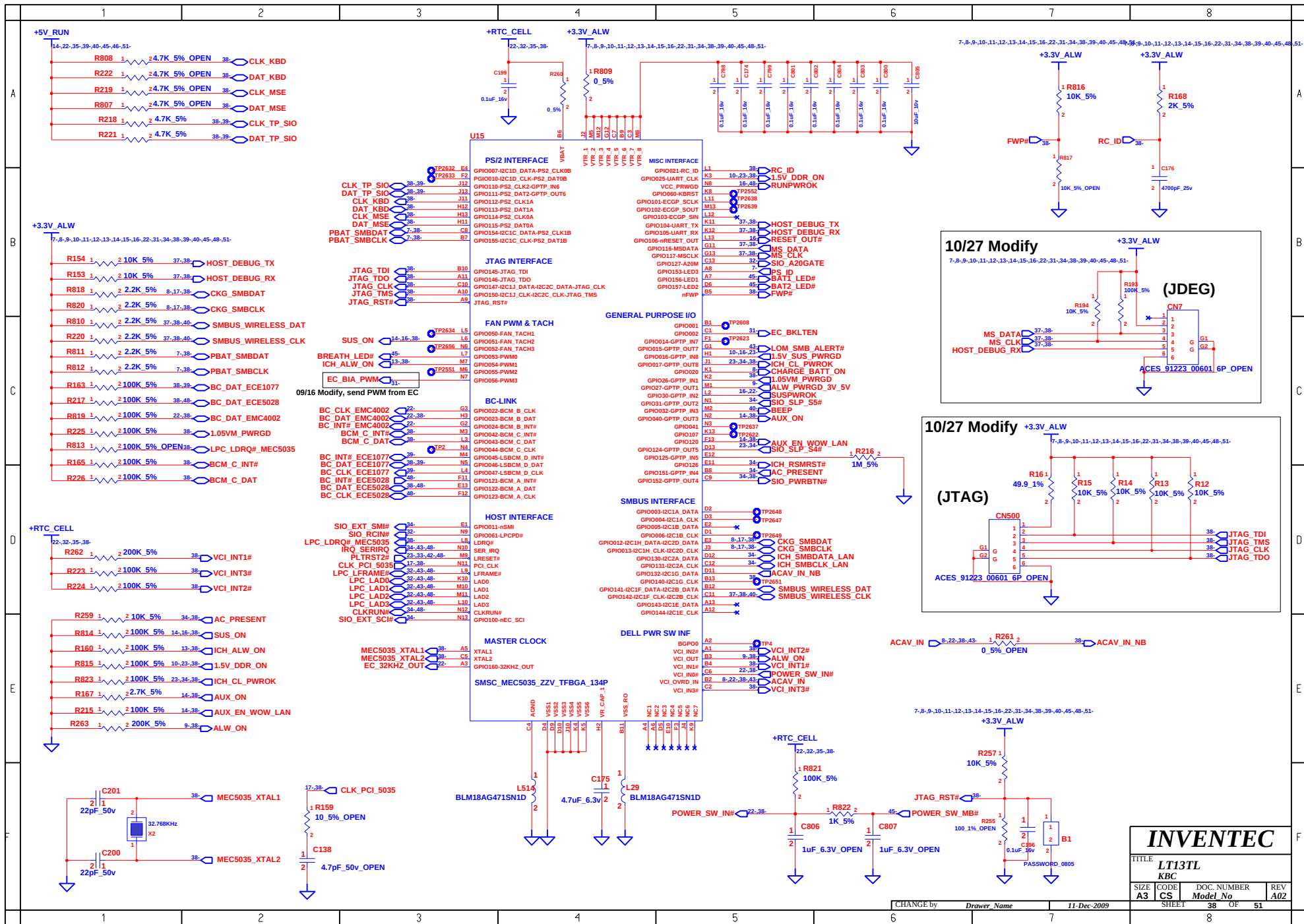
DELL CONFIDENTIAL/PROPRIETARY

INVENTEC

TITLE
LT13TL
WLAN & WWAN & BT

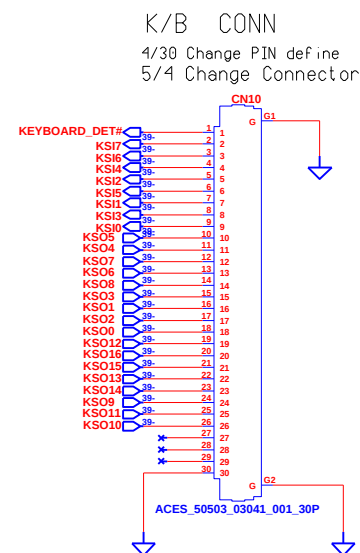
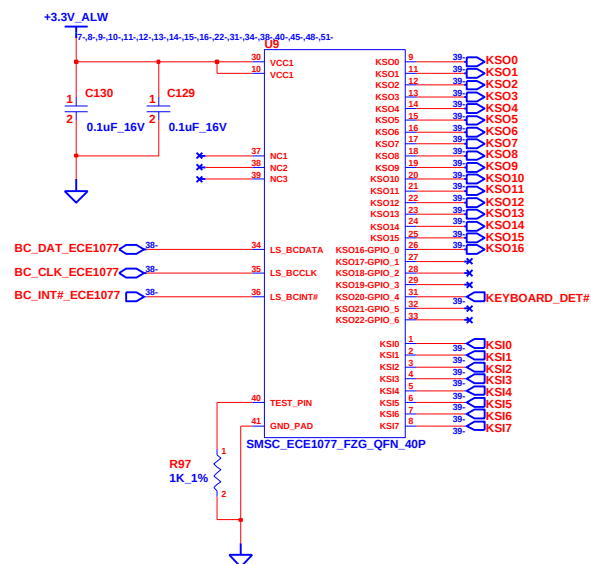
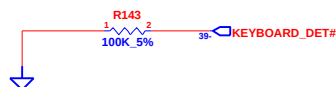
SIZE CODE DOC. NUMBER REV
A3 CS Model No 37 OF 51 A02

CHANGE by Drawer Name 11-Dec-2009



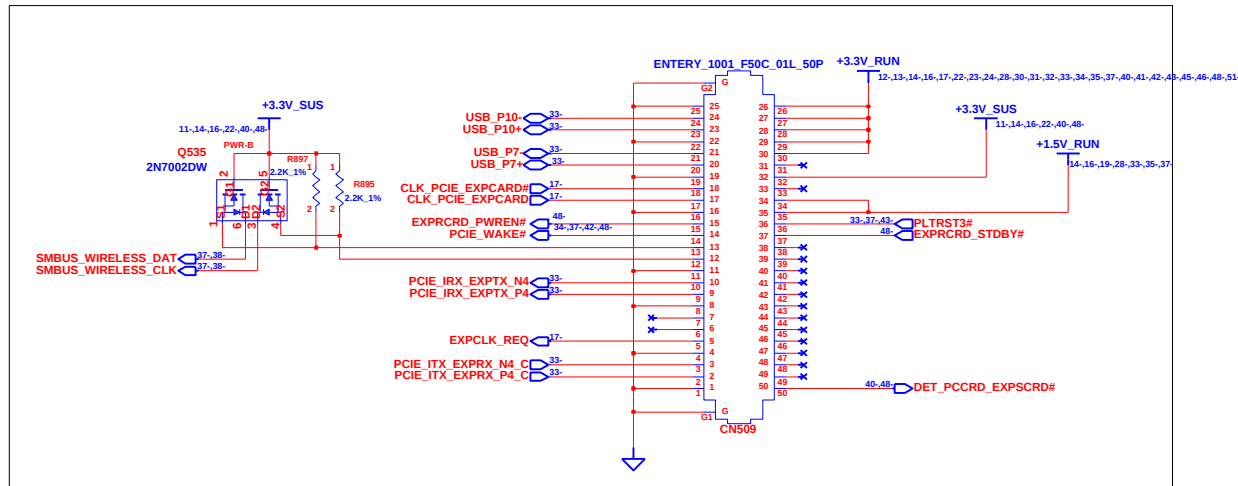
INVENTEC			
TITLE			
LT13TL			
KBC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		38	OF 51

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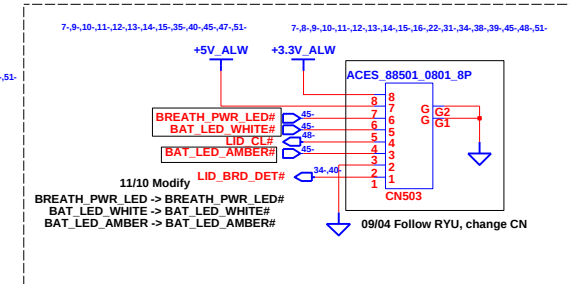


Conn to CR BOARD

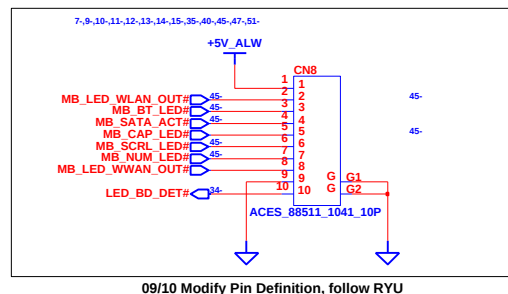
08/13 Follow RYU, change CN



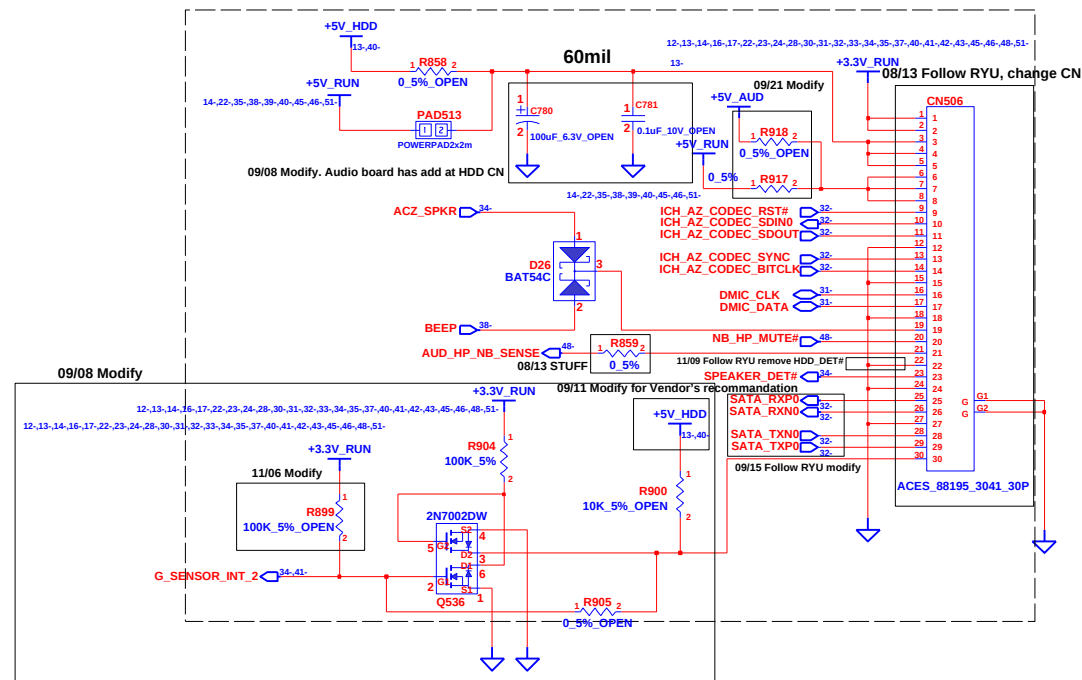
HALL SENSOR AND LED BOARD



LED BOARD CN



To AUDIO Board

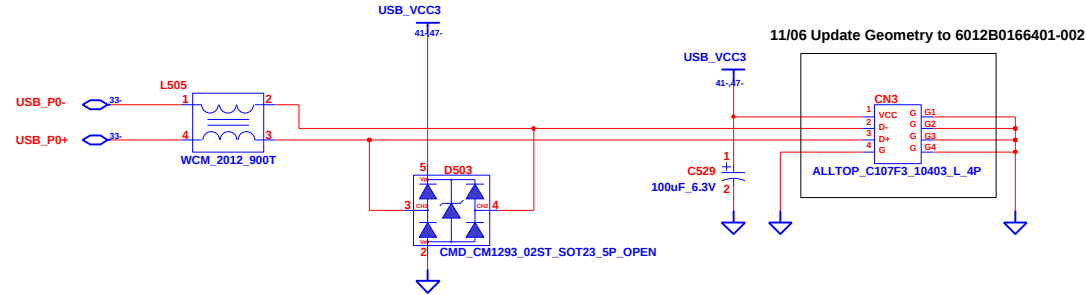
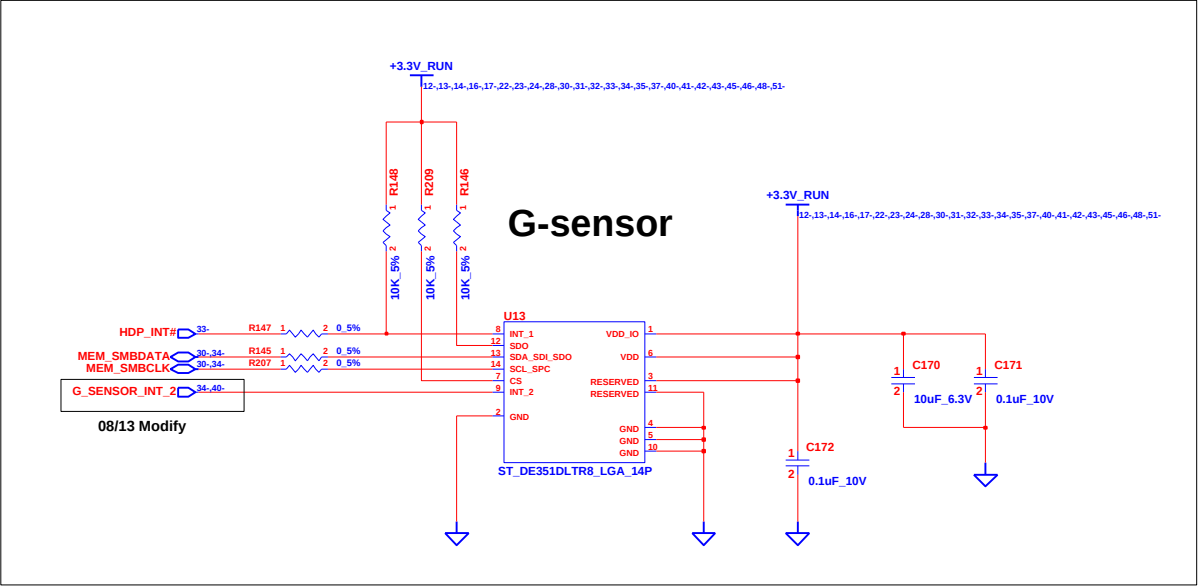
**INVENTEC**

TITLE			
LT13TL			
IO Connector			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		40	OF 51

CHANGE by Drawer Name 11-Dec-2009

8

USB Conn.

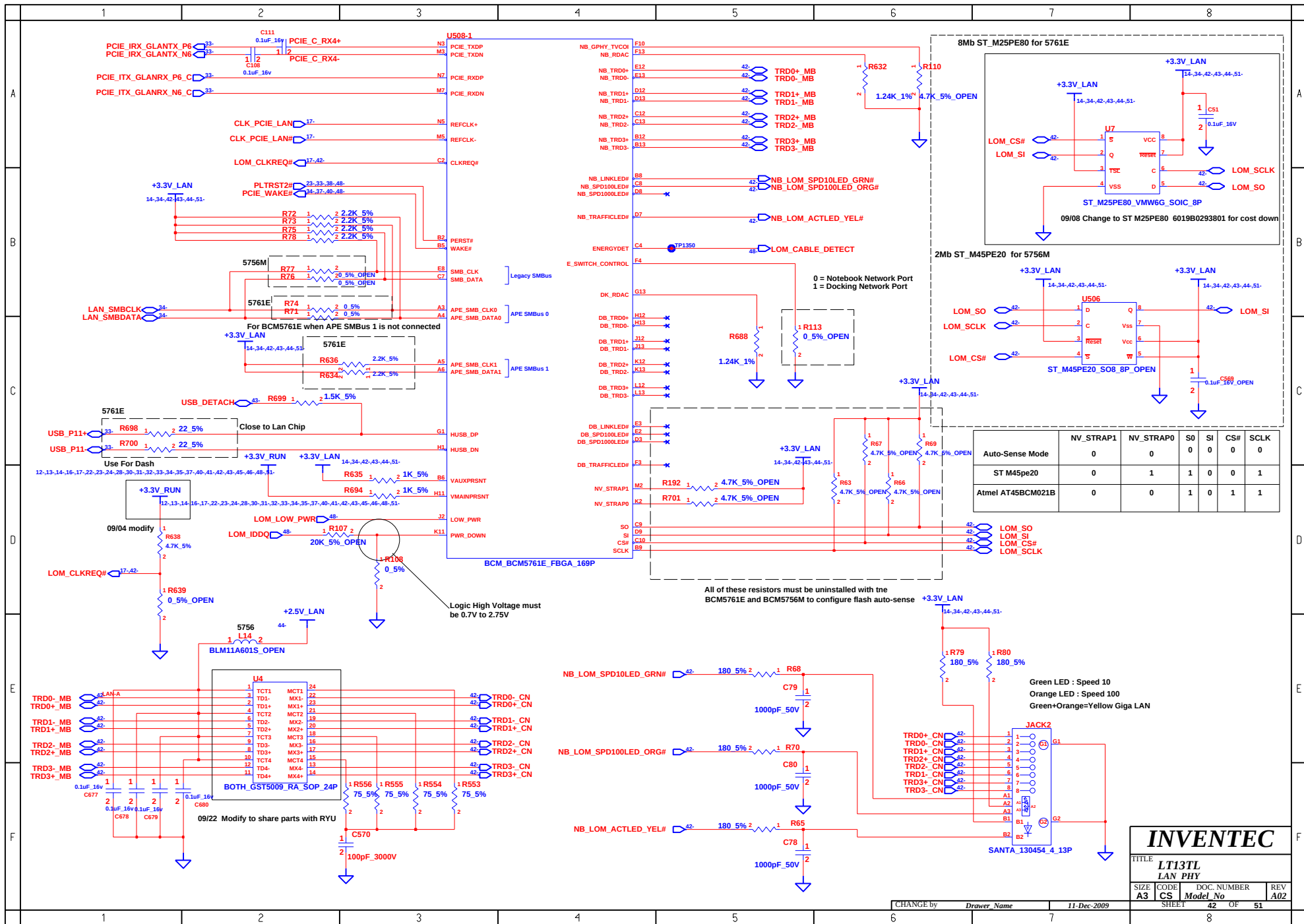


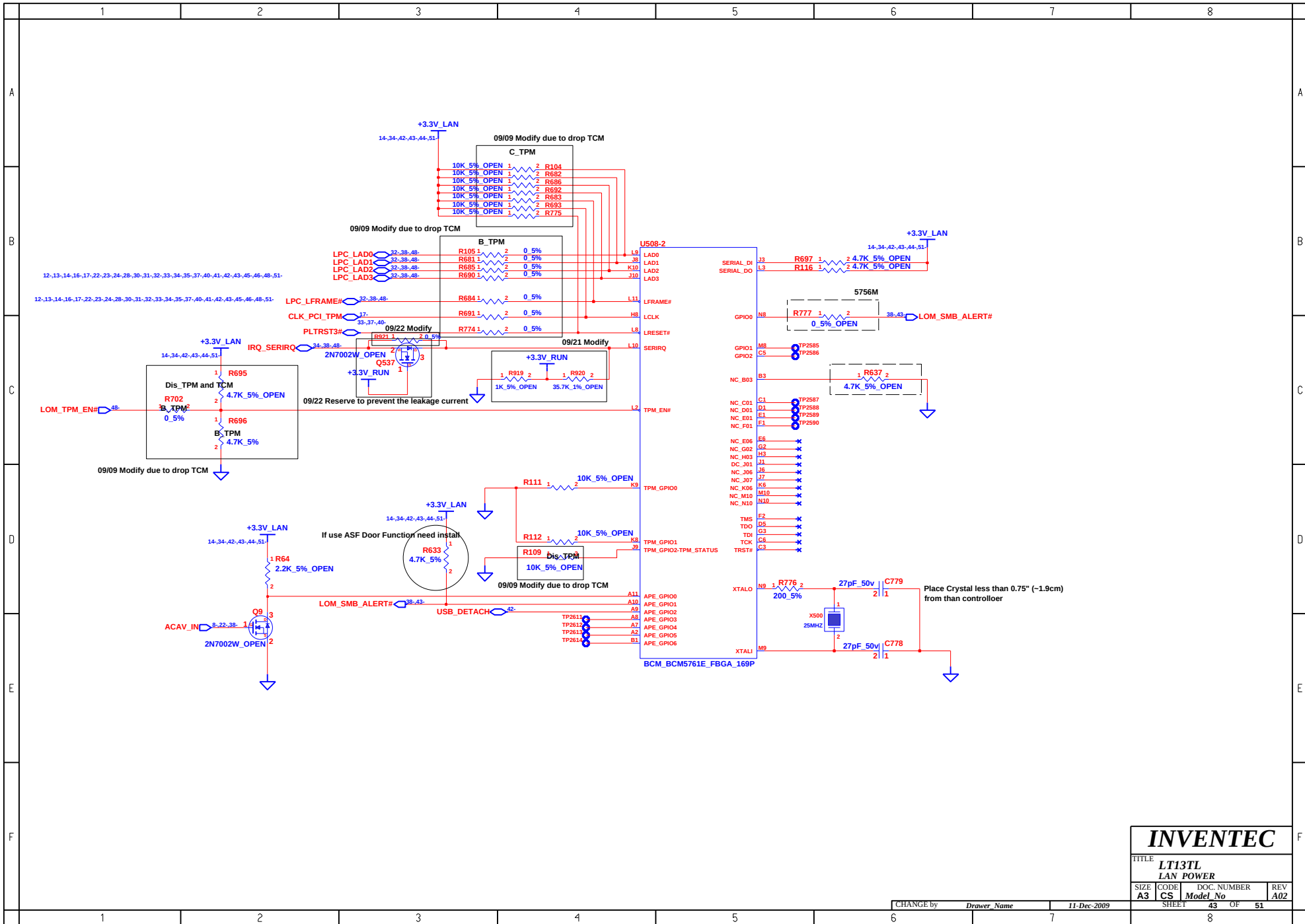
INVENTEC

TITLE			
LT13TL			
USB CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		41	OF 51

CHANGE by *Drawn Name* 11-Dec-2009

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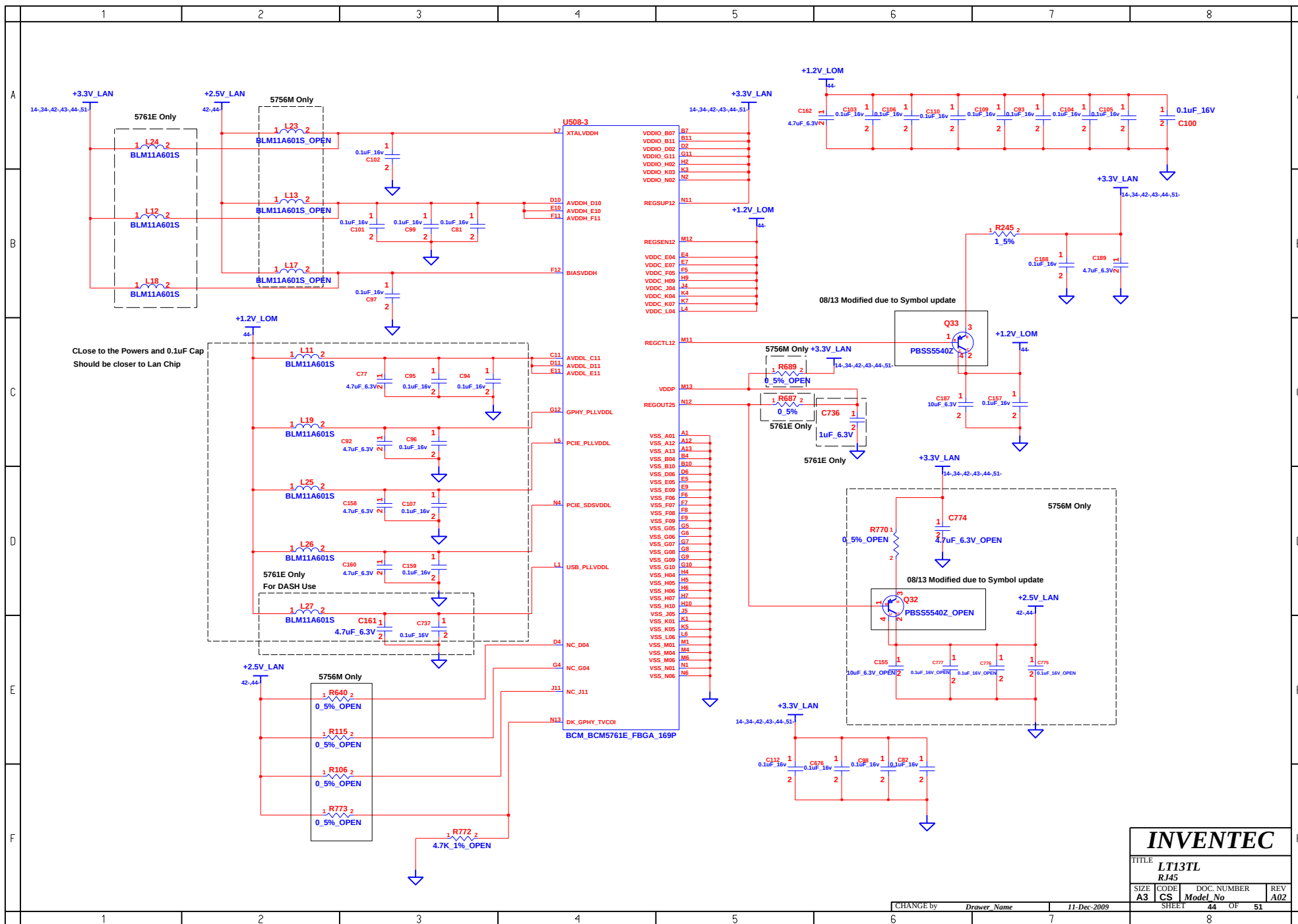


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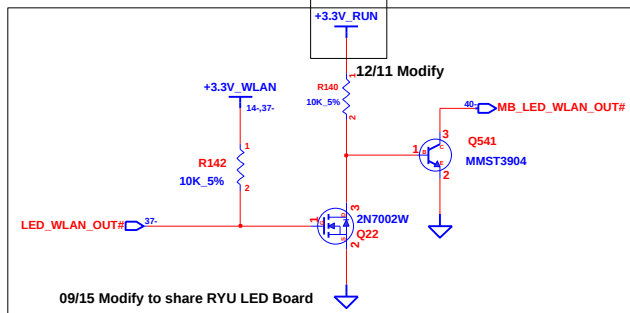
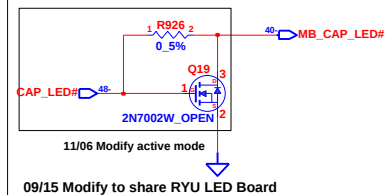
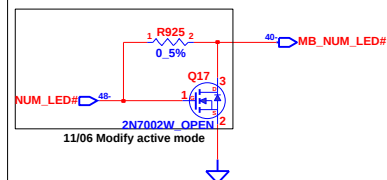
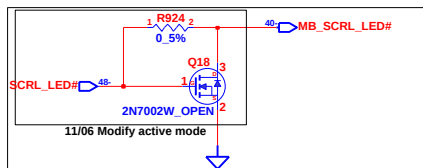
INVENTEC

TITLE			
LT13TL			
LAN POWER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		43	OF 51

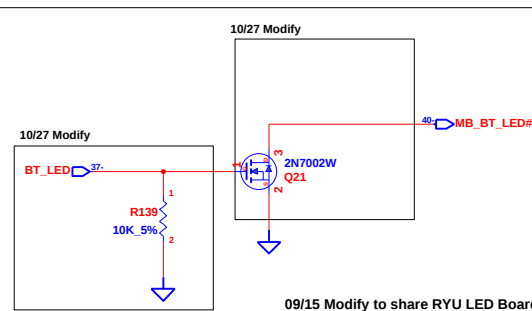
CHANGE by *Drawn Name* 11-Dec-2009



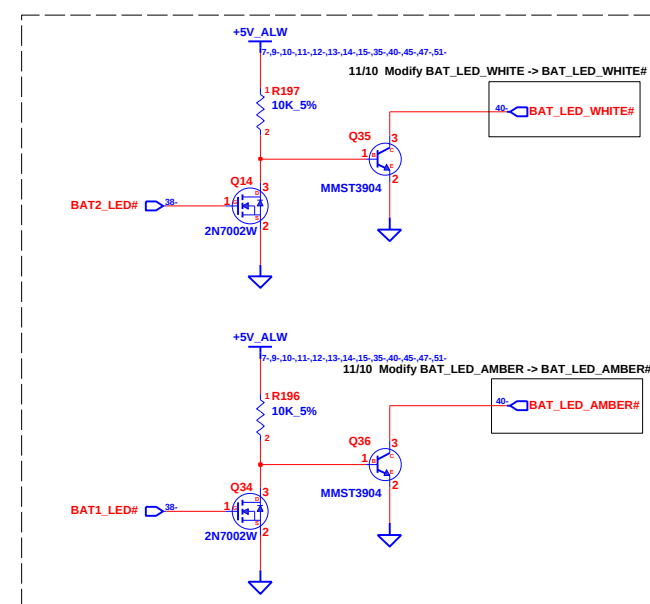
Num Lock/Cap LED/Scroll Lock LEDs WLAN LED



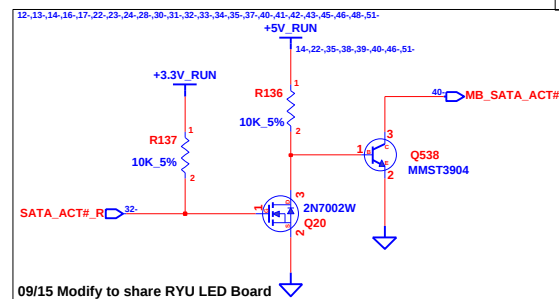
Bluetooth LED



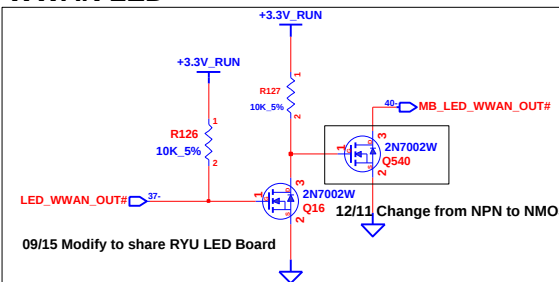
BATTERY LED



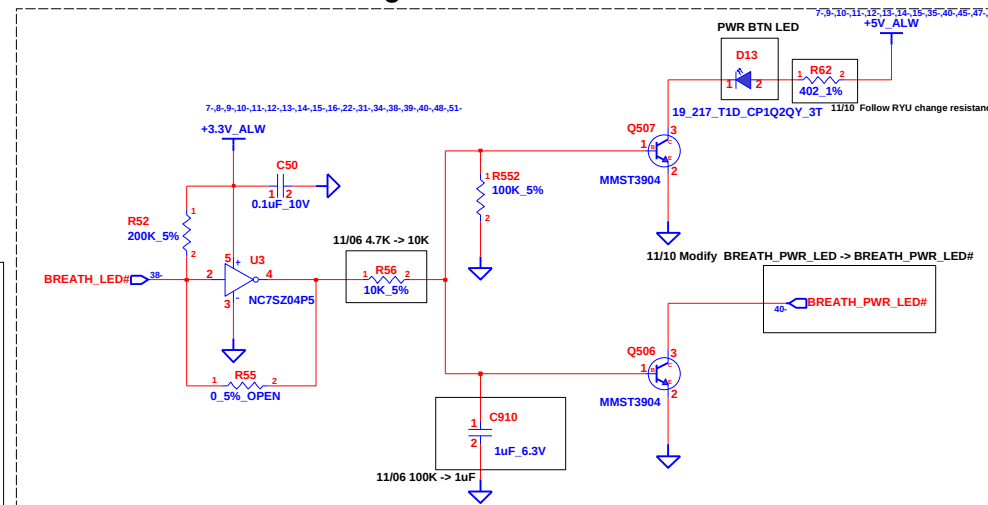
HDD LED



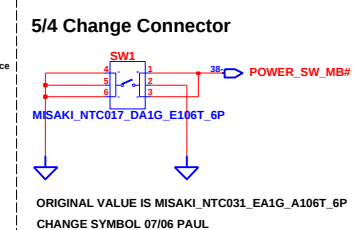
WWAN LED



POWER/SUSPEND breathing LED



POWER BUTTON

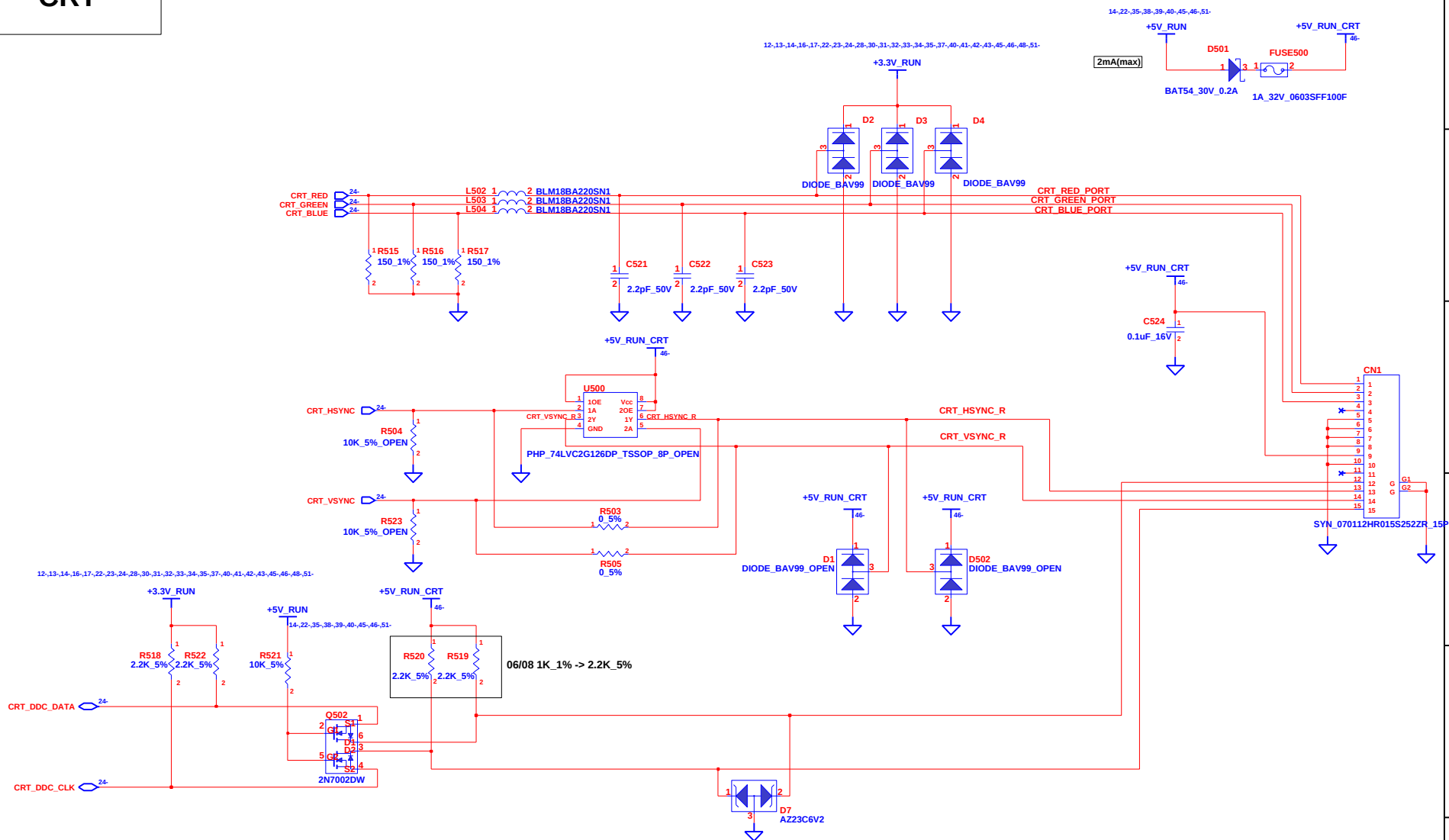


INVENTEC

TITLE			
LT13TL			
PWR BTN & LED			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		45	OF 51

CHANGE by *Draver Name* 11-Dec-2009

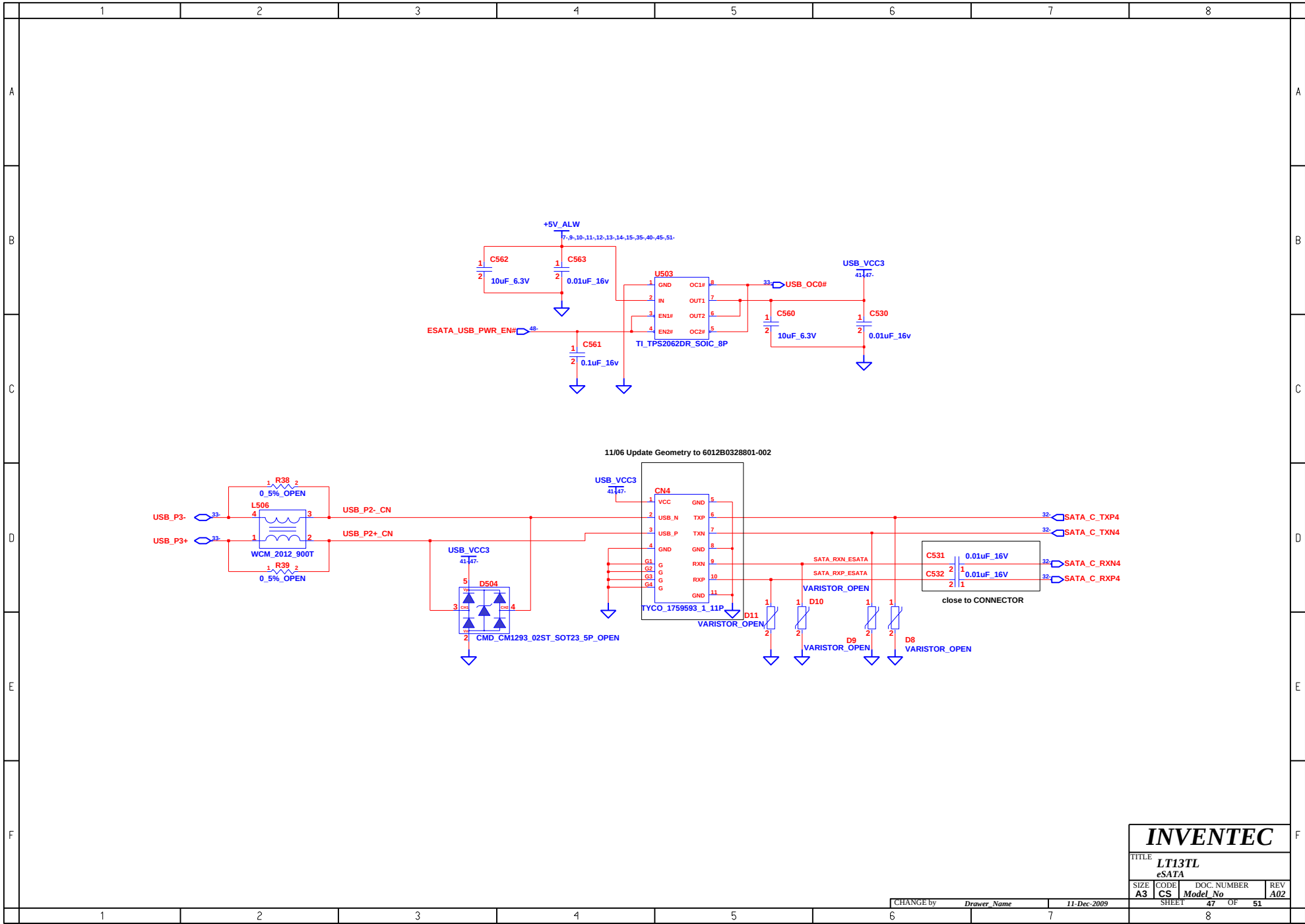
CRT



INVENTEC

TITLE			
LT13TL			
CRT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		46	OF 51

CHANGE by *Drawn Name* 11-Dec-2009



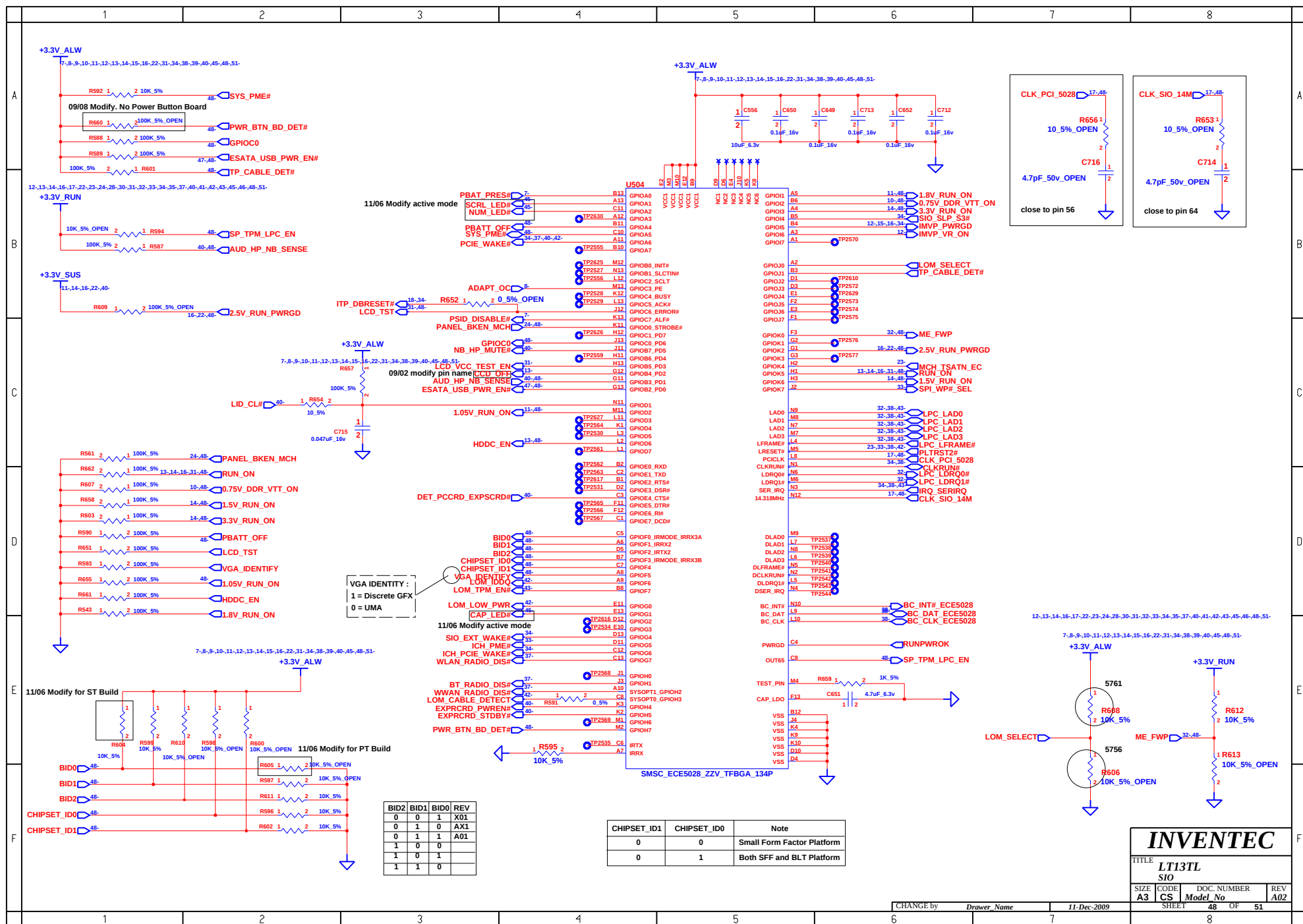
INVENTEC

TITLE
LT13TL
eSATA

SIZE CODE DOC. NUMBER REV
A3 CS Model No 47 OF 51 A02

CHANGE by Drawer Name 11-Dec-2009

SHEET 47 OF 51

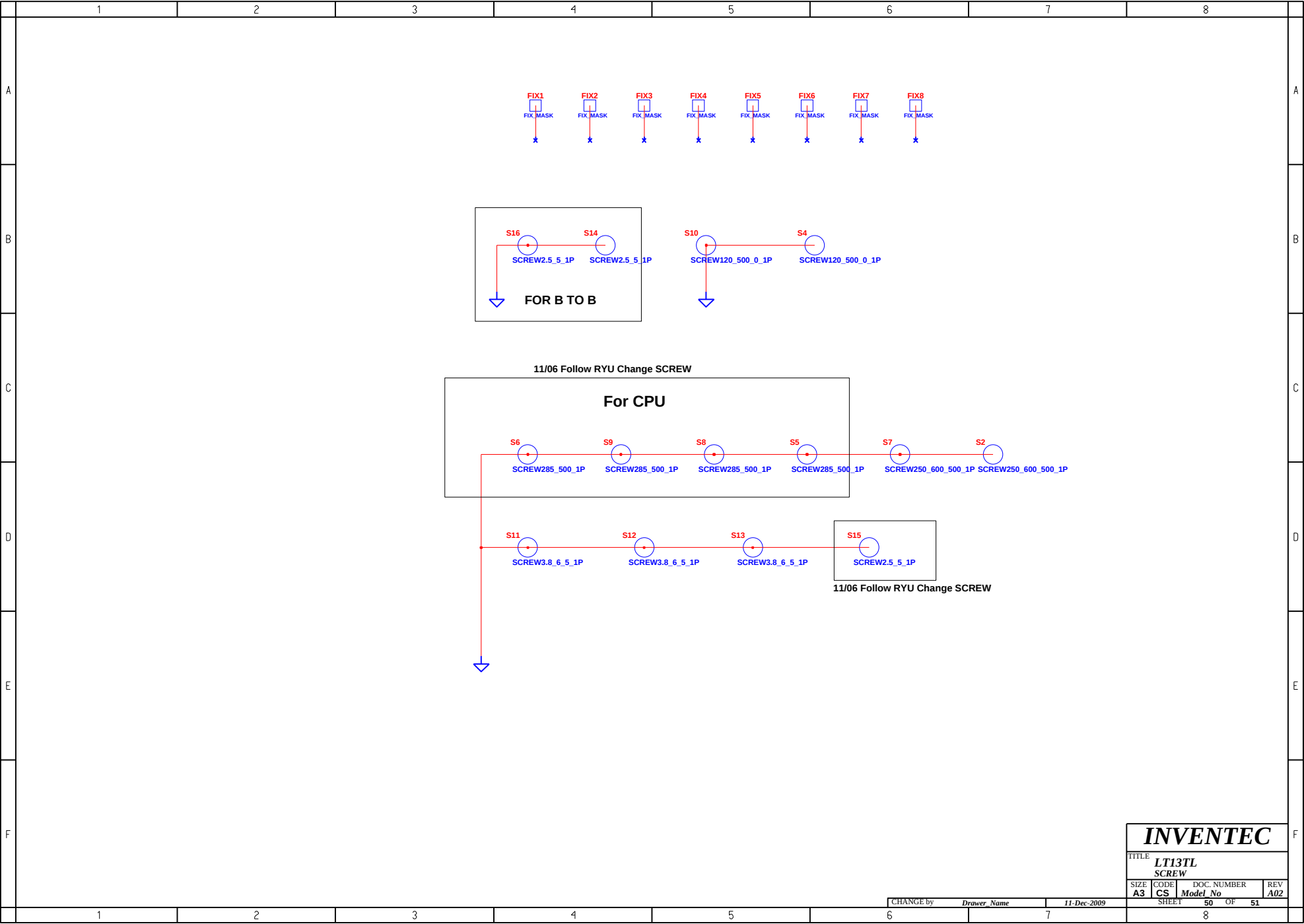


	1	2	3	4	5	6	7	8	
A	BLANK								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC

TITLE			
LT13TL			
TCM			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET 49 OF 51			

CHANGE by Drafter Name 11-Dec-2009



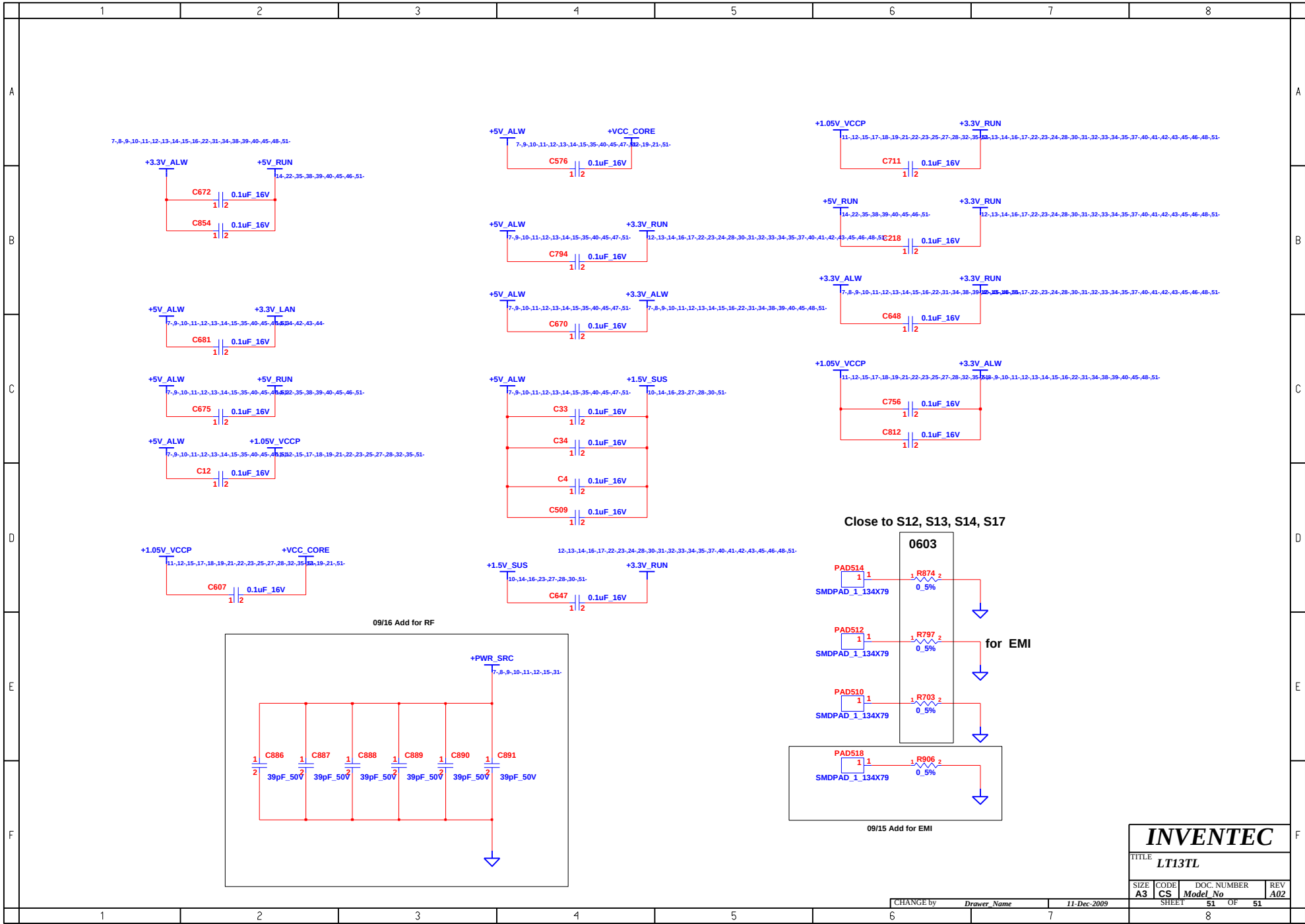
INVENTEC

TITLE
LT13TL
SCREW

SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
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CHANGE by Drawer Name 11-Dec-2009

SHEET 50 OF 51



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INVENTEC

TITLE LT13TL

SIZE CODE CS DOC. NUMBER REV

A3 Model No 51 OF 51 A02

CHANGE by Drawer Name 11-Dec-2009

SHEET 51 OF 51