

	1	2	3	4	5	6	7	8																																																																												
A	<div>WWW.AliSaler.Com</div>								A																																																																											
B	<div><div>DIABLO 13.3"</div><div>SI Build</div><div>2007.10.11</div></div>								B																																																																											
C									C																																																																											
D									D																																																																											
E									E																																																																											
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DATE	CHANGE NO.	REV																																																																																		
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P/N					XXXXXXXXXXXX	SHEET 1 OF 61																																																																														
	1	2	3	4	5	6	7	8																																																																												

TABLE OF CONTENTS

PAGE

5- DC& BATTERY CHARGER  
6- BATTERY CONN  
7- SYSTEM POWER(3V/5V)  
8- SYSTEM POWER(+V1.8/+V1.25S)  
9- GRAPHIC POWER(+VGFX\_CORE)  
10- SYSTEM POWER(+VCCP/+V1.5S)  
11- CPU POWER(VCC\_CORE)  
12- DDR TERMINATION VOLTAGE  
13- POWER(SLEEP)  
14- POWER(SEQUENCE)

PAGE

15- CLOCK\_ICS9LPRS355BGLFT  
16- MEROM-1  
17- MEROM-2  
18- MEROM-3  
19- THERMAL & FAN Conn  
20- Crestline-1  
21- Crestline-2  
22- Crestline-3  
23- Crestline-4  
24- Crestline-5  
25- Crestline-6  
26- DDR2-DIMM0  
27- DDR2-DIMM1  
28- DDR2-DAMPING  
29- CRT CONN  
30- LCM CONN  
31- ICH8-1  
32- ICH8-2  
33- ICH8-3  
34- ICH8-4  
35- ICH8-5

PAGE

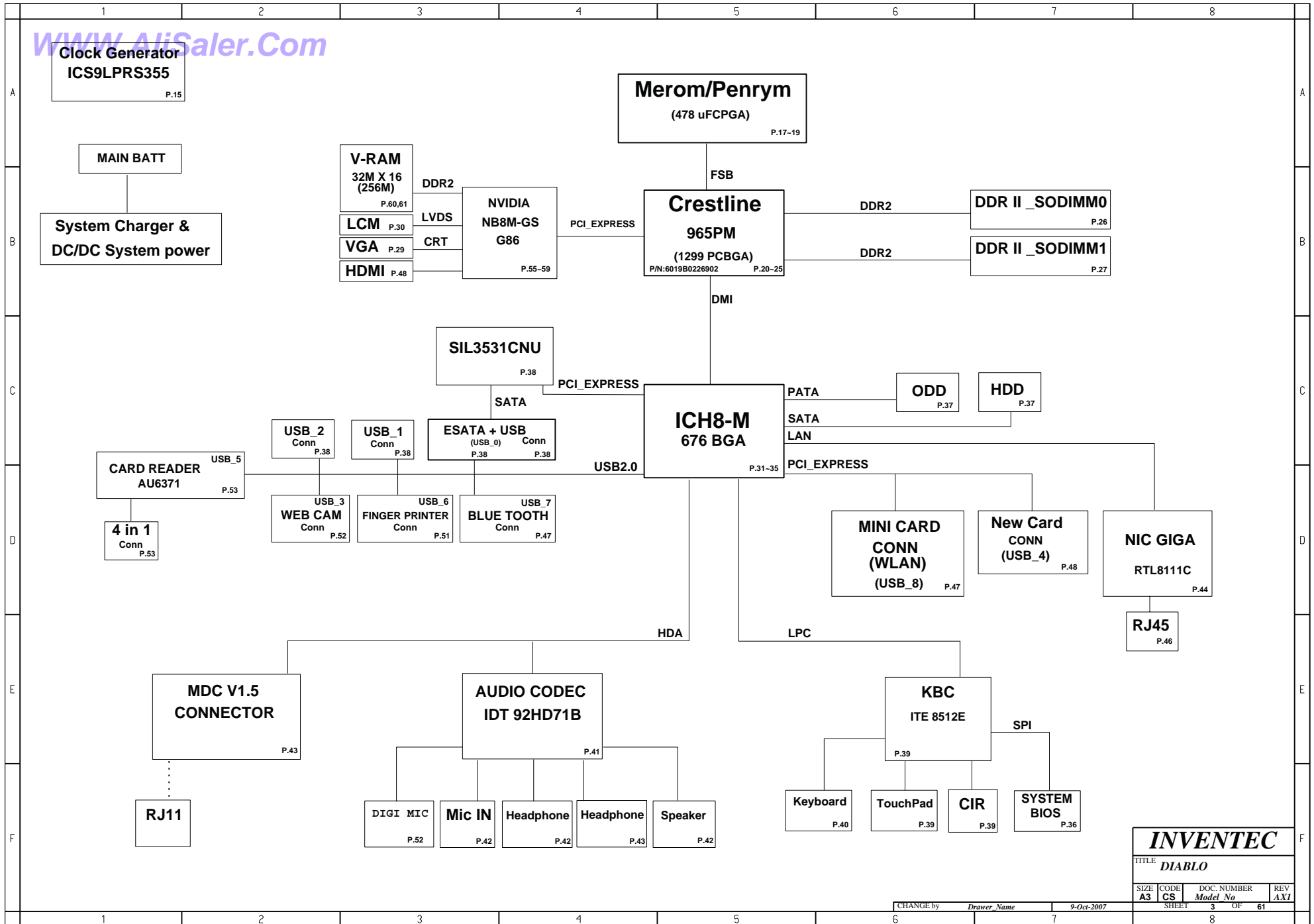
36-  
37- HDD&ODD CONN  
38- USB CONN  
39- KBC & IR & SPI BIOS & T/P Conn  
40- KB&TP Disable CONN  
41- AUDIO CODEC  
42- AUDIO AMP-HP MIC VOL  
43- MDC CONN & Audio Jack  
44- LAN CONTROLLER- RTL8111C  
45- LAN POWER  
46- RJ45 CONN  
47- MINICARD CONN  
48- HDMI CONN & NEW CARD CONN  
49- LED & BUTTON  
50- SCREW  
51- TOUCHPAD BOARD  
52- WEB CAM & FINGER PRINT Conn  
53- AU6371 Cardreader & 4 IN 1 Conn  
54- External Board  
55- nVIDIA NB8MGS-1  
56- nVIDIA NB8MGS-2  
57- nVIDIA NB8MGS-3  
58- nVIDIA NB8MGS-4  
59- nVIDIA NB8MGS-5  
60- VRAM-1  
61- VRAM-2

**INVENTEC**

TITLE  
**DIABLO**

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>Model No</i>	REV <b>AX1</b>
SHEET <b>2</b>		OF <b>61</b>	

CHANGE by *Drawer Name* 9-Oct-2007





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For DC JACK LED

INVENTEC

TITLE DIABLO  
DC & BATTERY CHARGER

SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by		Drawer Name	9-Oct-2007
SHEET		5	OF 61

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For DC JACK LED

INVENTEC

TITLE DIABLO  
DC & BATTERY CHARGER

SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by		Drawer Name	9-Oct-2007
SHEET		5	OF 61

**WWW.AliSaler.Com**

**For DC JACK LED**

**INVENTEC**

**TITLE DIABLO  
DC & BATTERY CHARGER**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

SHEET 5 OF 61

CHANGE by Drawer Name 9-Oct-2007

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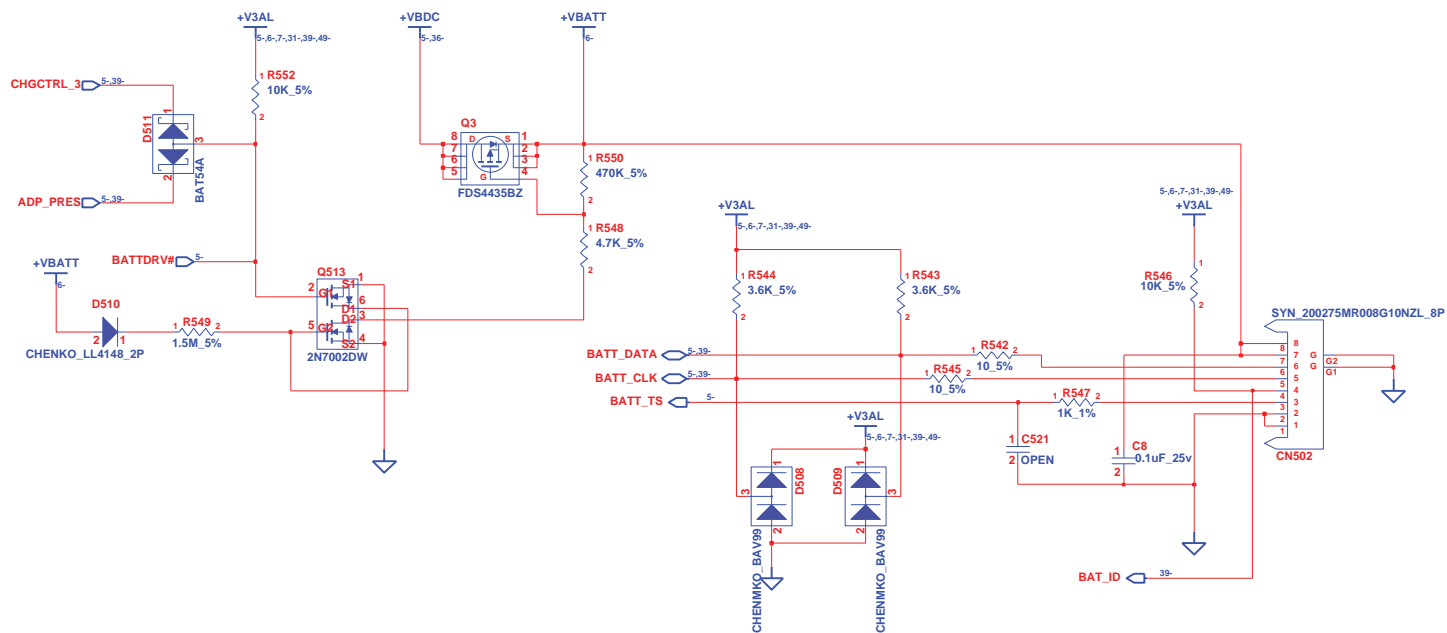
For DC JACK LED

INVENTEC

TITLE DIABLO  
DC & BATTERY CHARGER

SIZE CODE DOC. NUMBER REV  
A3 CS Model No AX1

CHANGE by Drawer Name 9-Oct-2007 SHEET 5 OF 61



**INVENTEC**

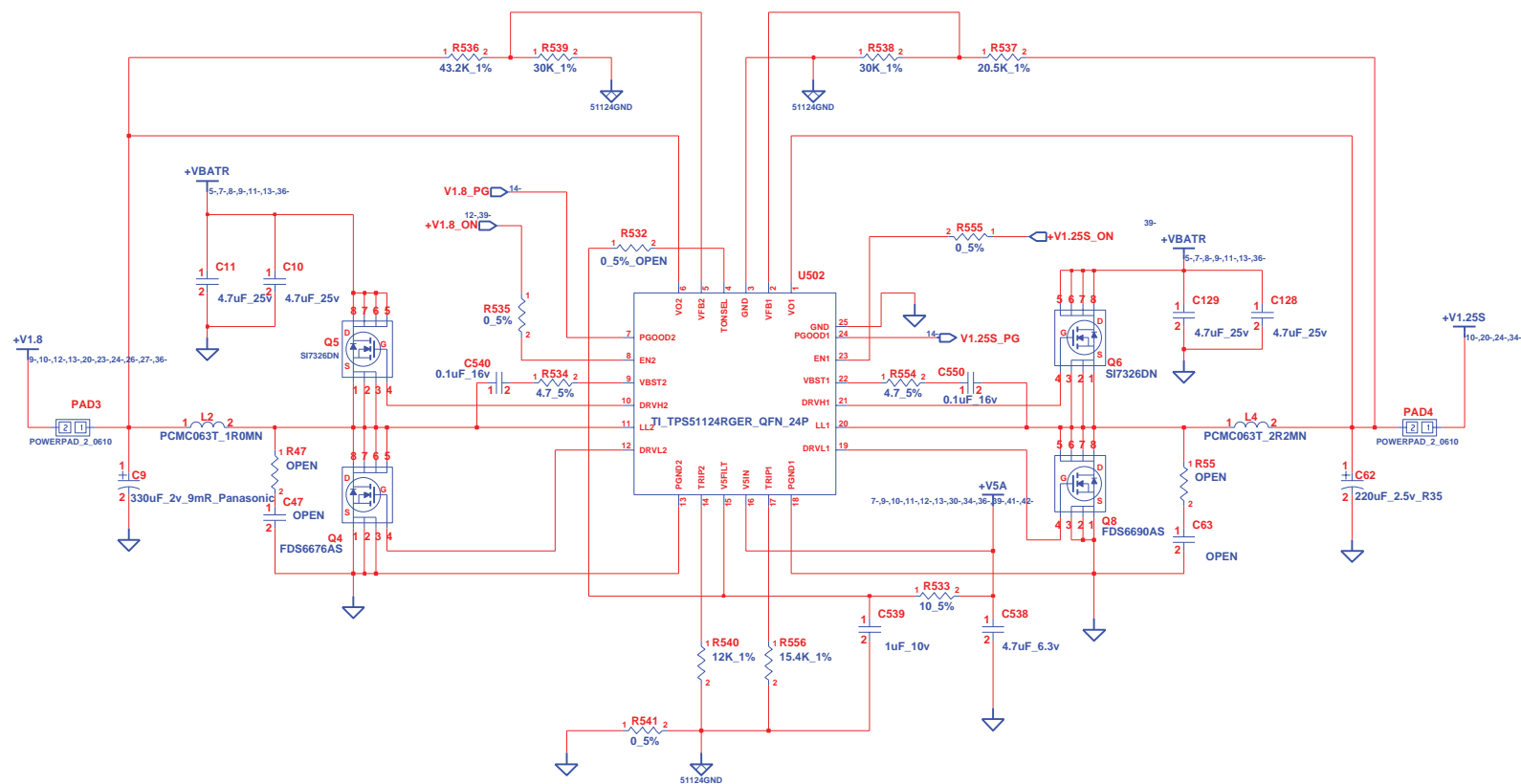
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**DIABLO  
BATTERY CONN**

SIZE A3 CODE CS DOC. NUMBER Model No REV AXI

CHANGE by Drawer Name 9-Oct-2007

SHEET 6 OF 61





# INVENTEC

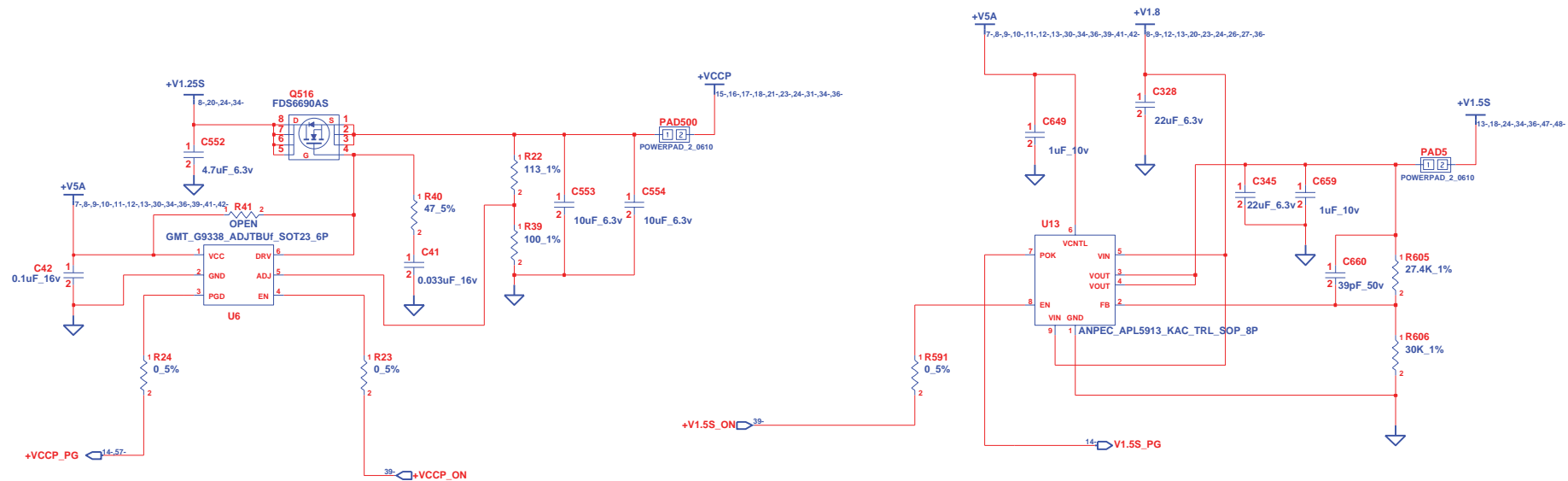
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DIABLO			
SYSTEM POWER(+V1.8/+V1.25S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 8 OF 61







	R579	R576	R578	R577
G9338	0 ohm	OPEN	OPEN	0 ohm
SC339	OPEN	0 ohm	0 ohm	OPEN

**INVENTEC**

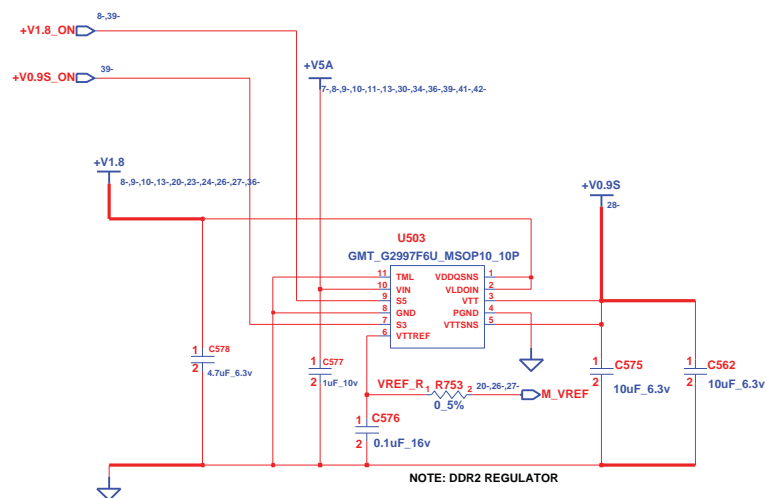
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**DIABLO**  
SYSTEM POWER(+VCCP/+V1.5S)

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A3	CS	Model No	AXI

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 10 OF 61

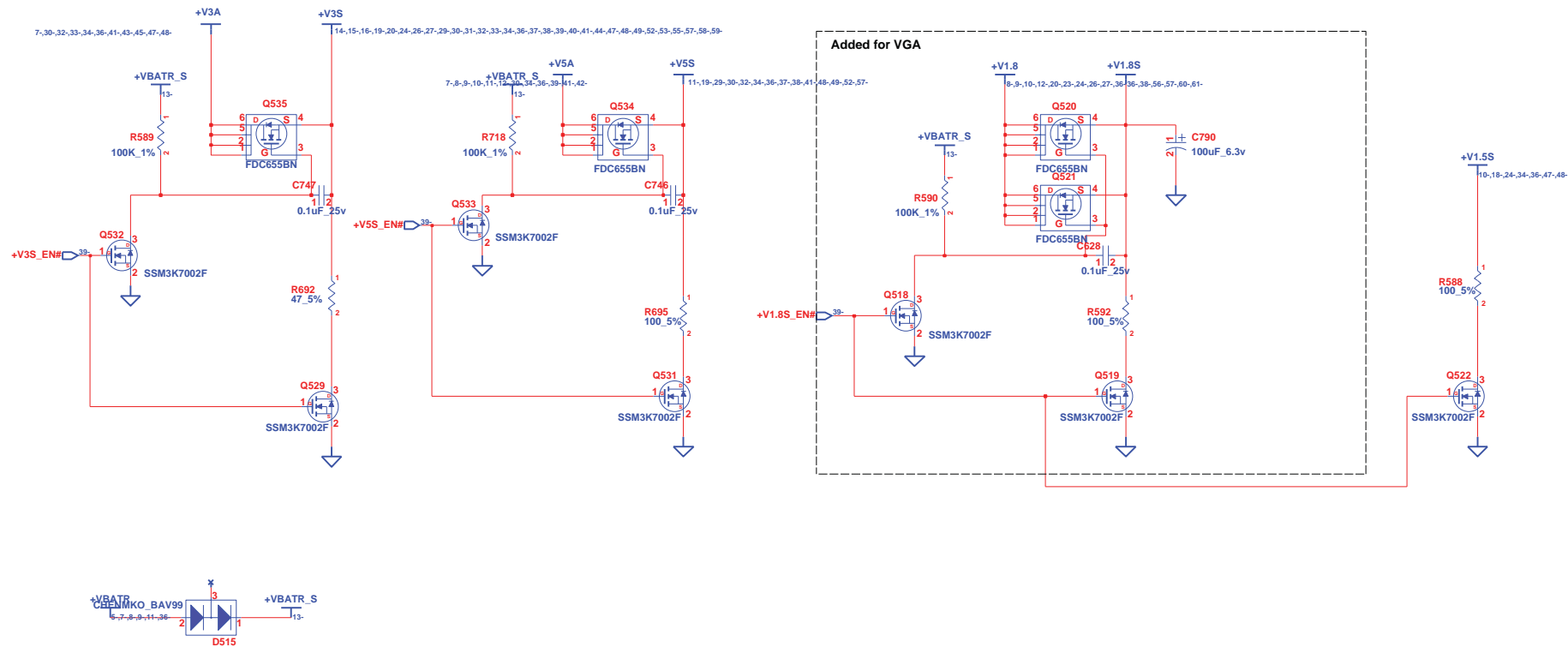




INVENTEC			
TITLE			
DIABLO			
DDR TERMINATION VOLTAGE			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
SHEET		12	OF 61

CHANGE by *Drawer Name* 9-Oct-2007

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**INVENTEC**

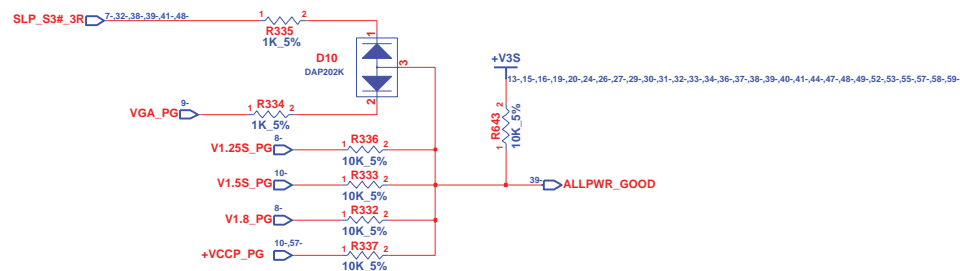
TITLE  
**DIABLO  
POWER(SLEEP)**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

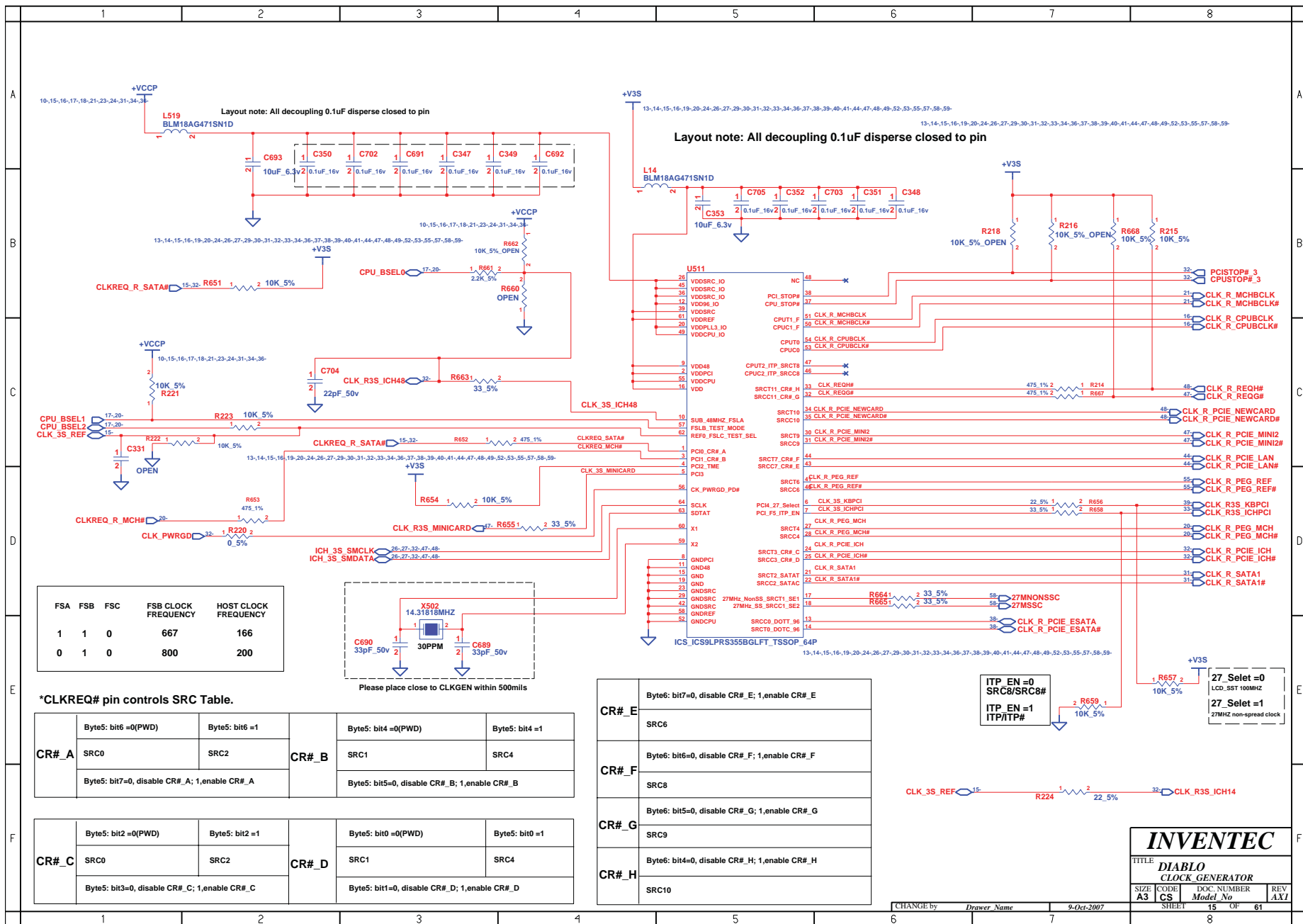
CHANGE by *Drawer Name* 9-Oct-2007

SHEET 13 OF 61

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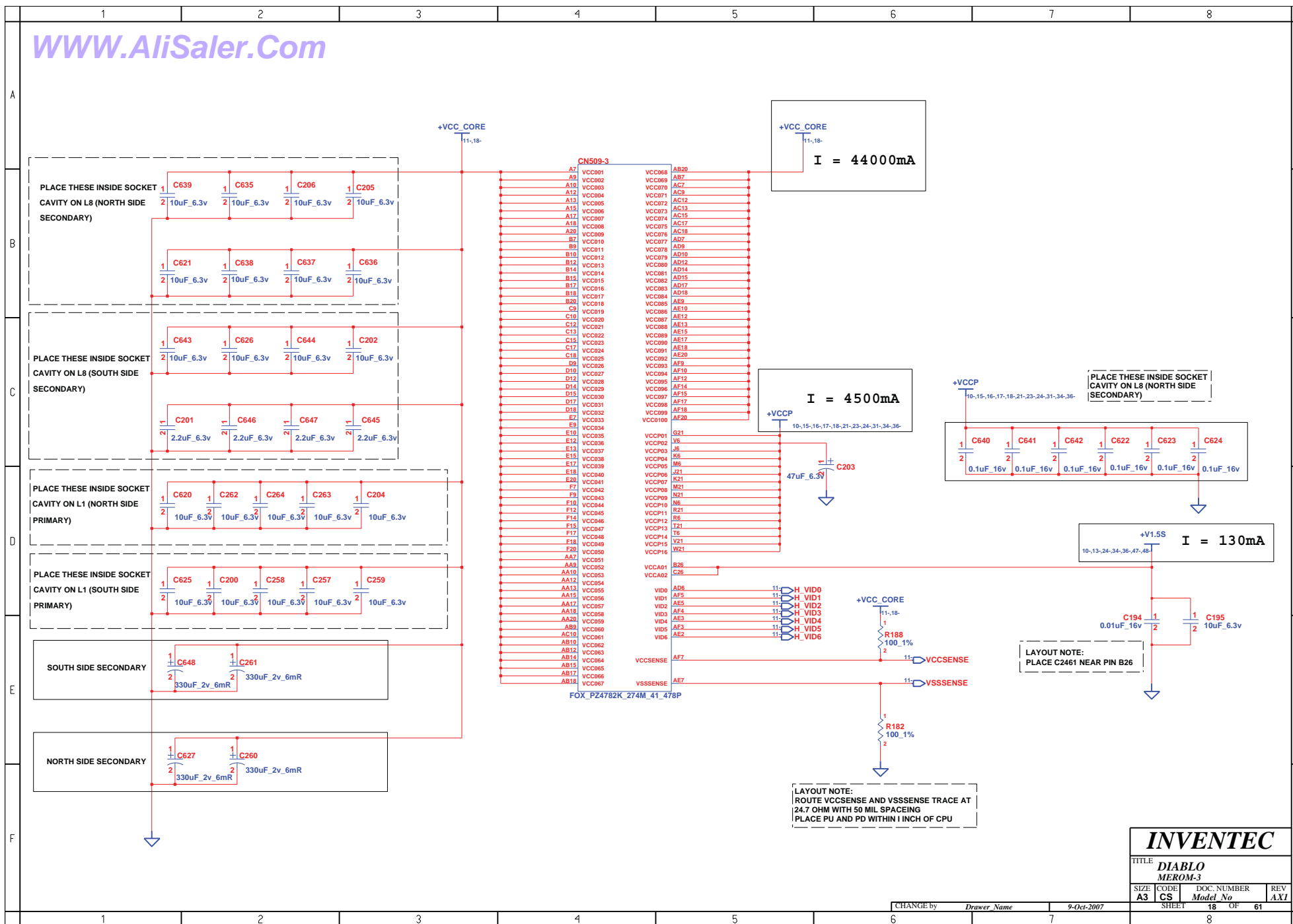
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TITLE			
DIABLO			
POWER(SEQUENCE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
CHANGE by		9-Oct-2007	
DRAWN by			
SHEET		14	OF 61
		8	





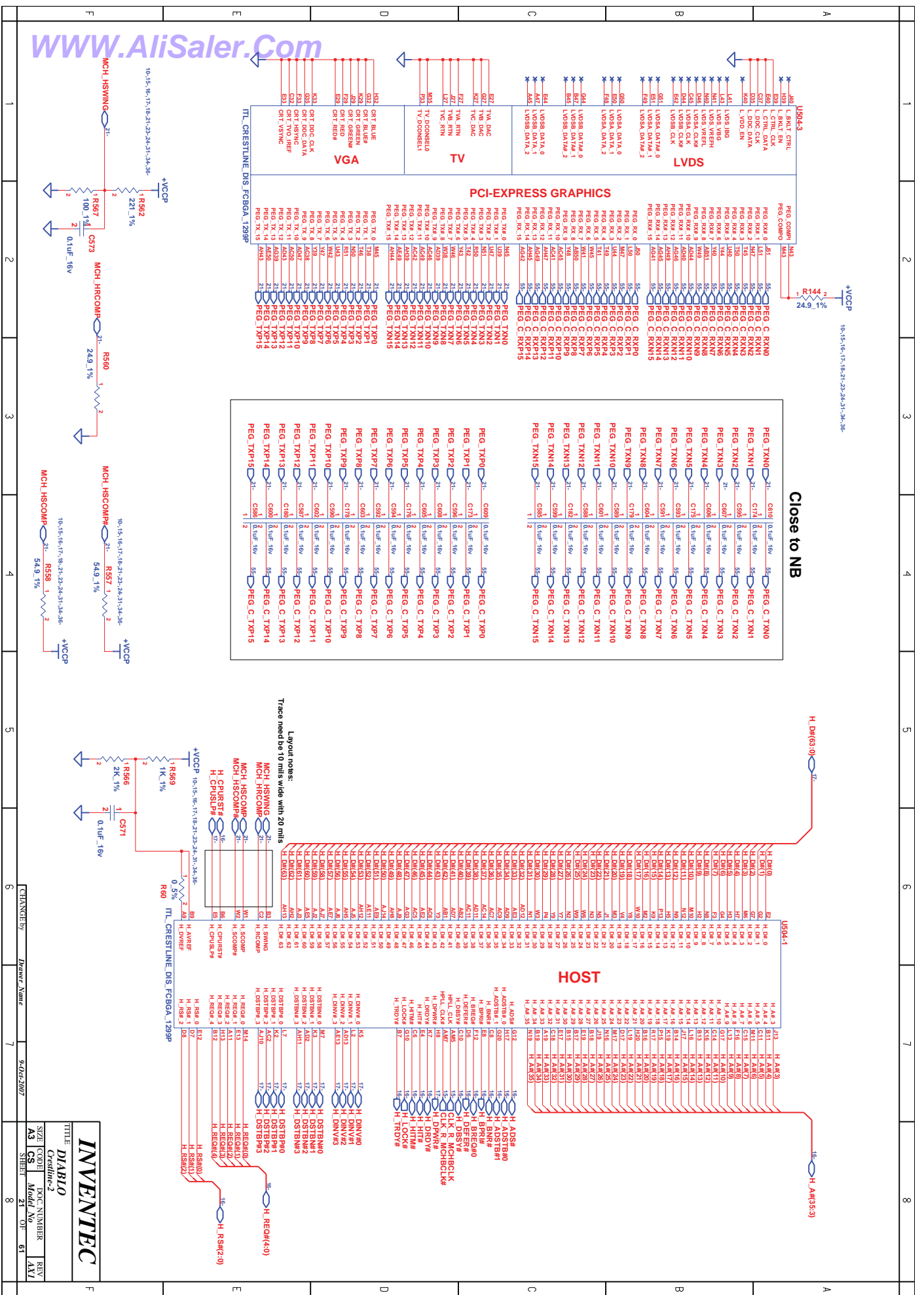


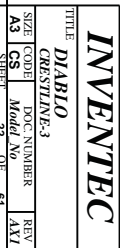








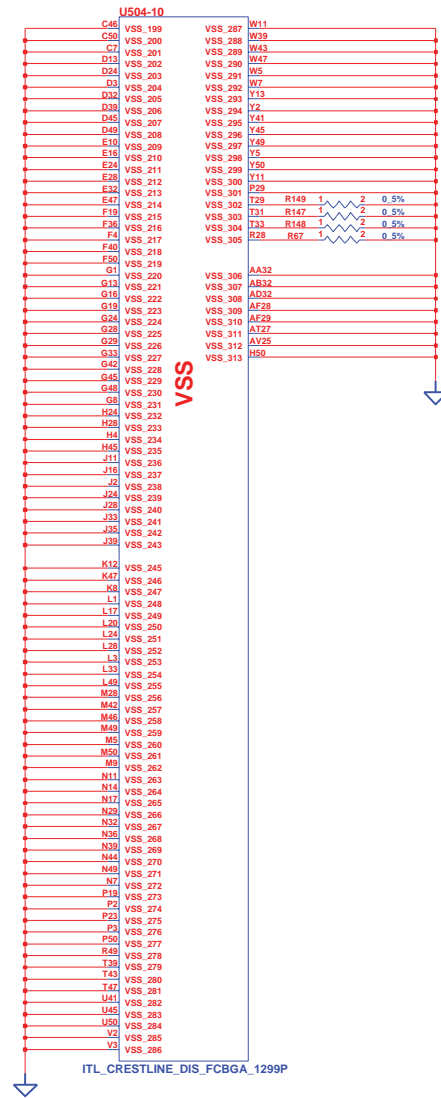
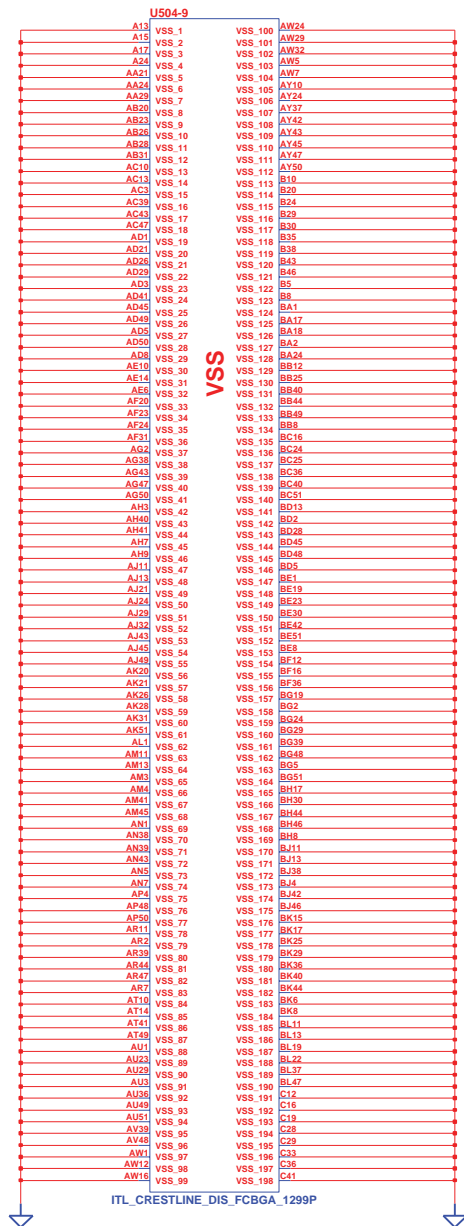








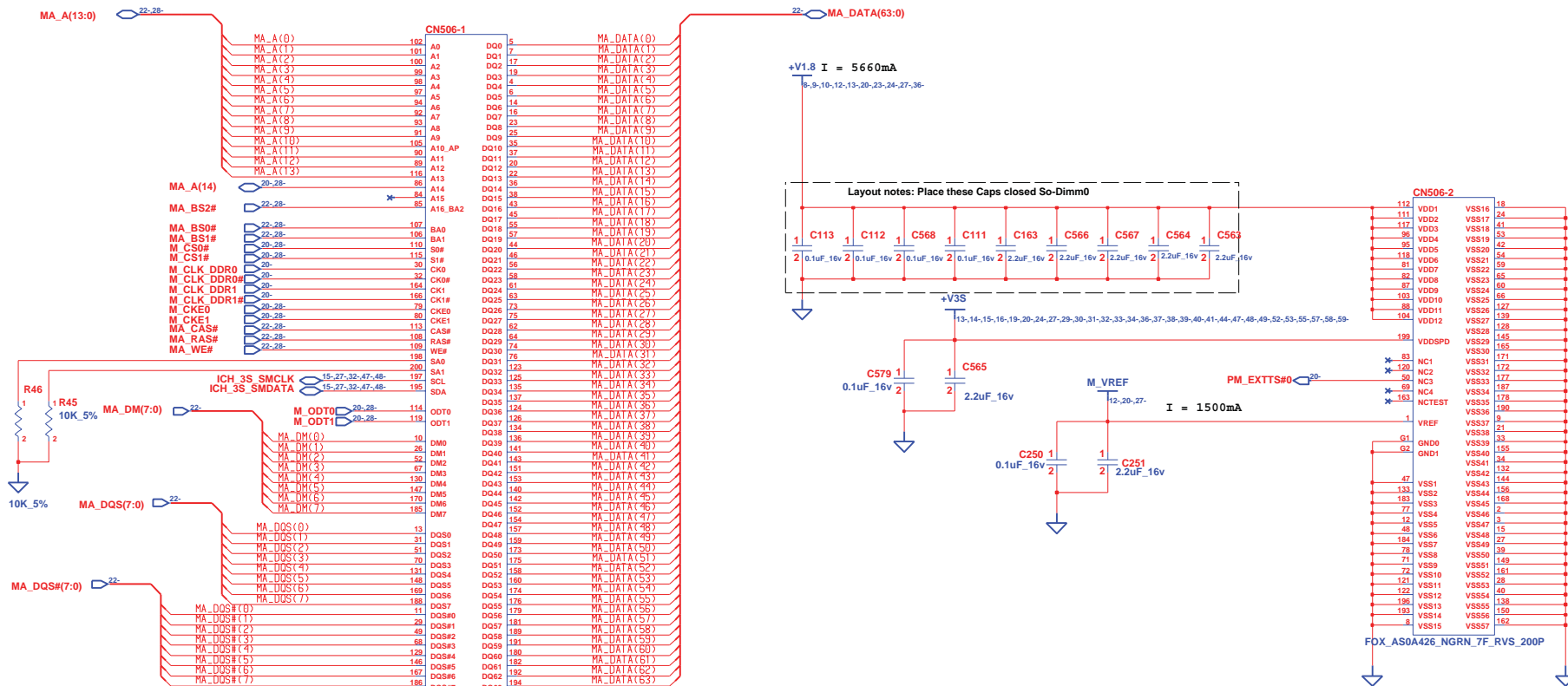




**INVENTEC**

TITLE  
**DIABLO  
CRESTLINE-6**

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>Model No</b>	REV <b>AXI</b>
SHEET <b>25</b>		OF <b>61</b>	



SO DIMM0\_11mm

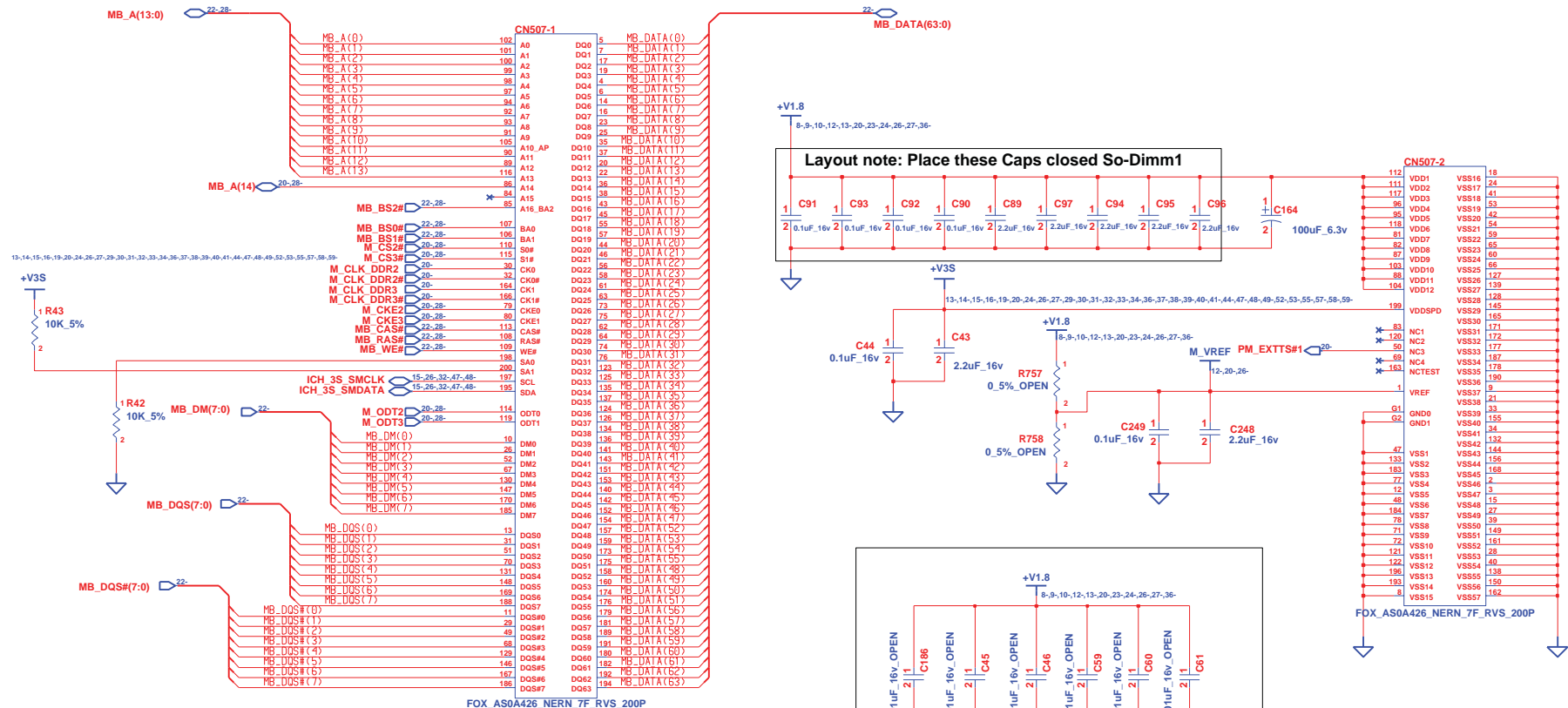
INVENTEC

TITLE  
DIABLO  
DDR2-DIMM-0

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 26 OF 61

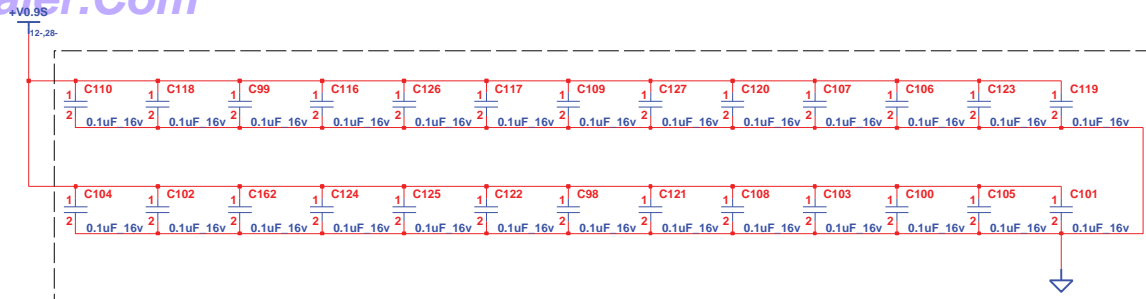


INVENTEC

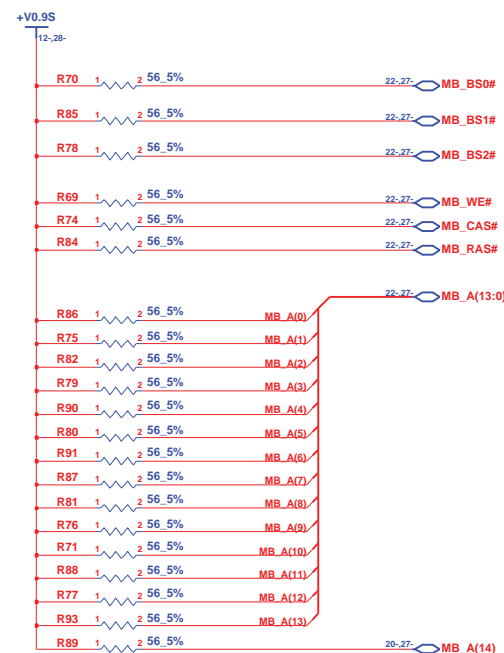
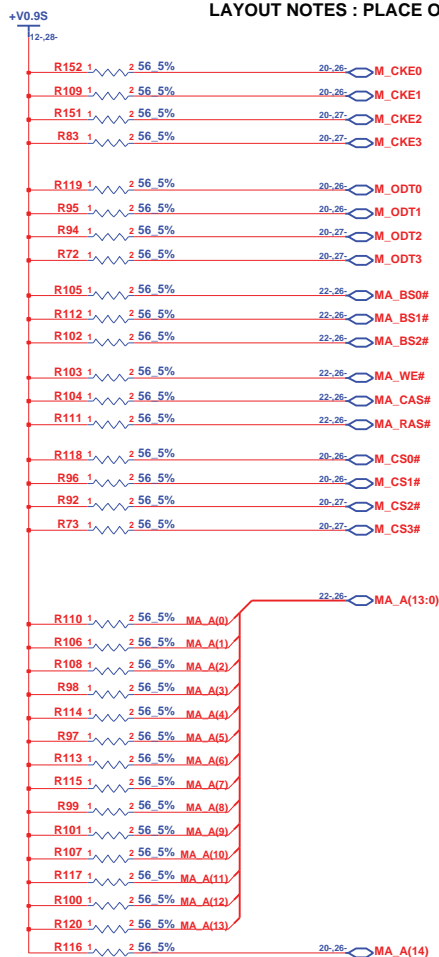
TITLE			
DIABLO			
DDR2-DIMM1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by: Drawer Name 9-Oct-2007

SHEET 27 OF 61



LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.9S

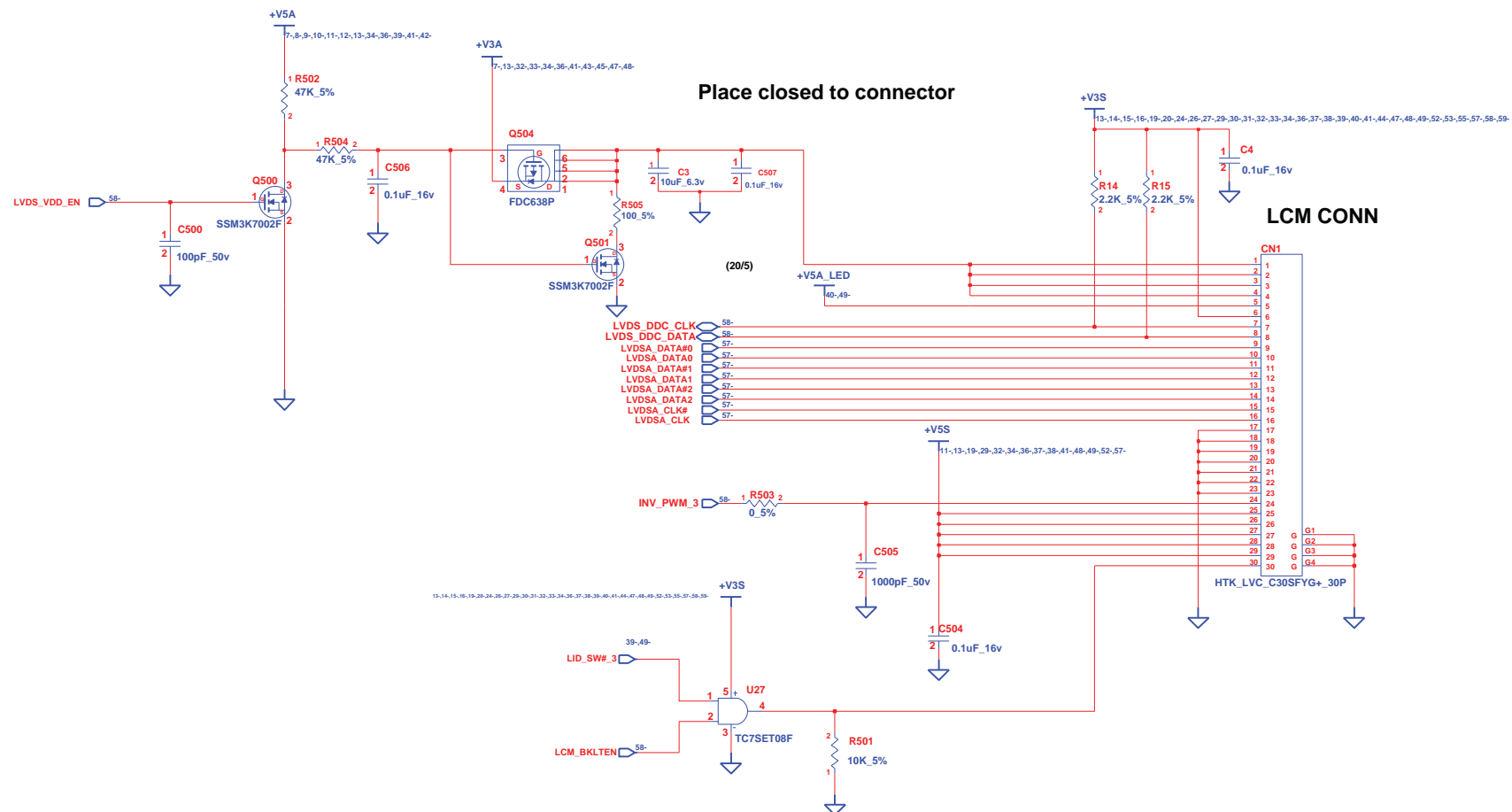


# INVENTEC

TITLE <b>DIABLO</b> DDR2-DAMPING			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER Model No	REV <b>AXI</b>
SHEET		28	OF 61

CHANGE by *Drawer Name* 27-Sep-2003





**INVENTEC**

TITLE  
**DIABLO**  
**LCM CONN**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 30 OF 61

A

B

C

D

E

F

A

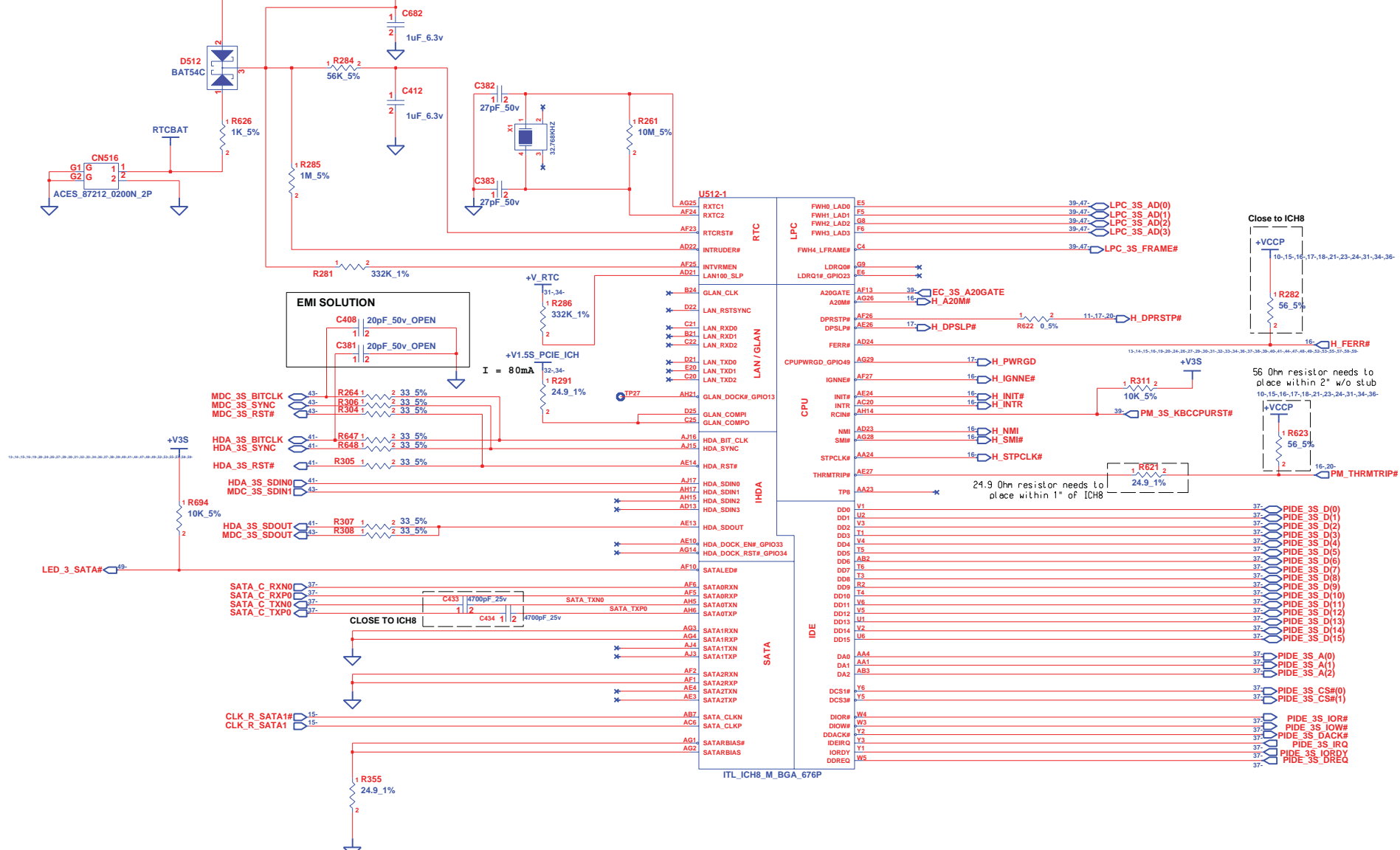
B

C

D

E

F



INVENTEC

TITLE  
DIABLO  
IC8H-1

SIZE A3 CODE CS DOC. NUMBER Model No REV AXI

CHANGE by Drawer Name 9-Oct-2007

SHEET 31 OF 61





A

B

C

D

E

F

A

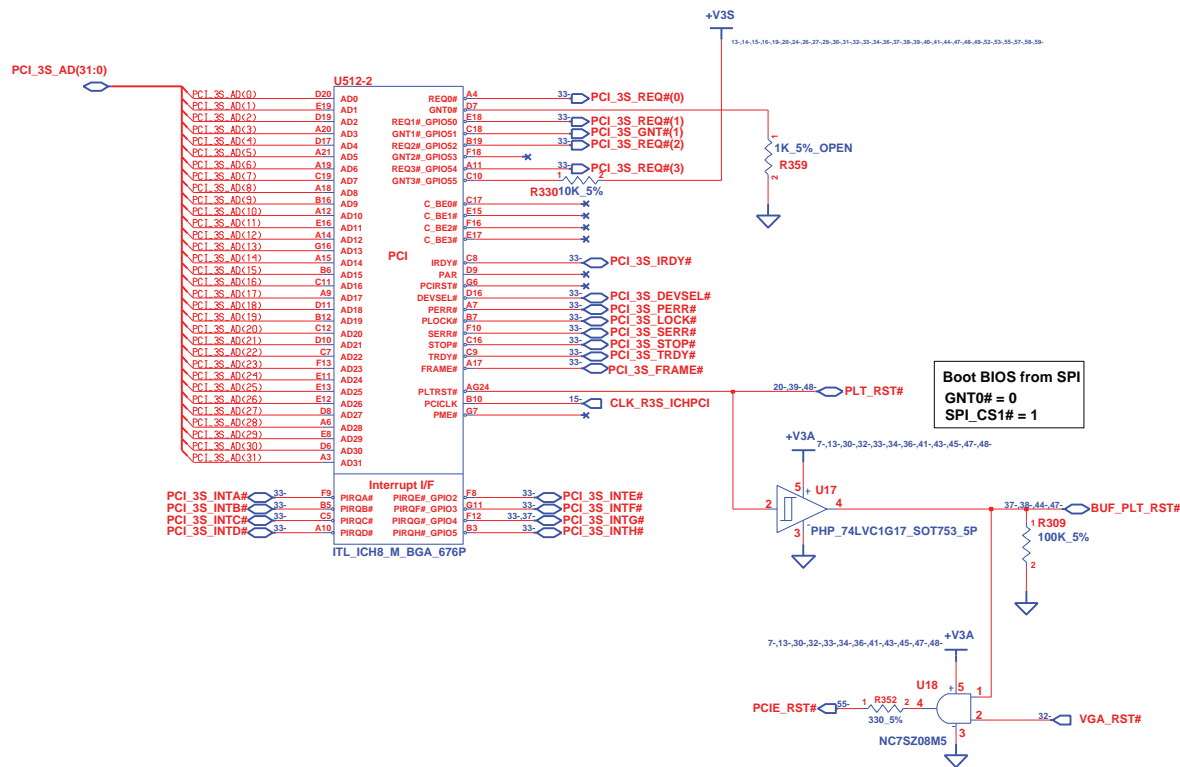
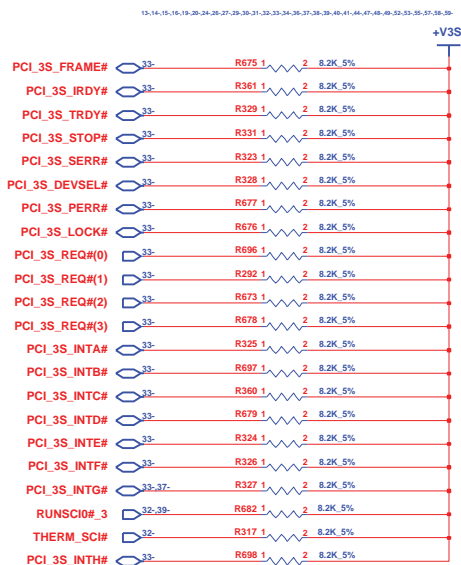
B

C

D

E

F



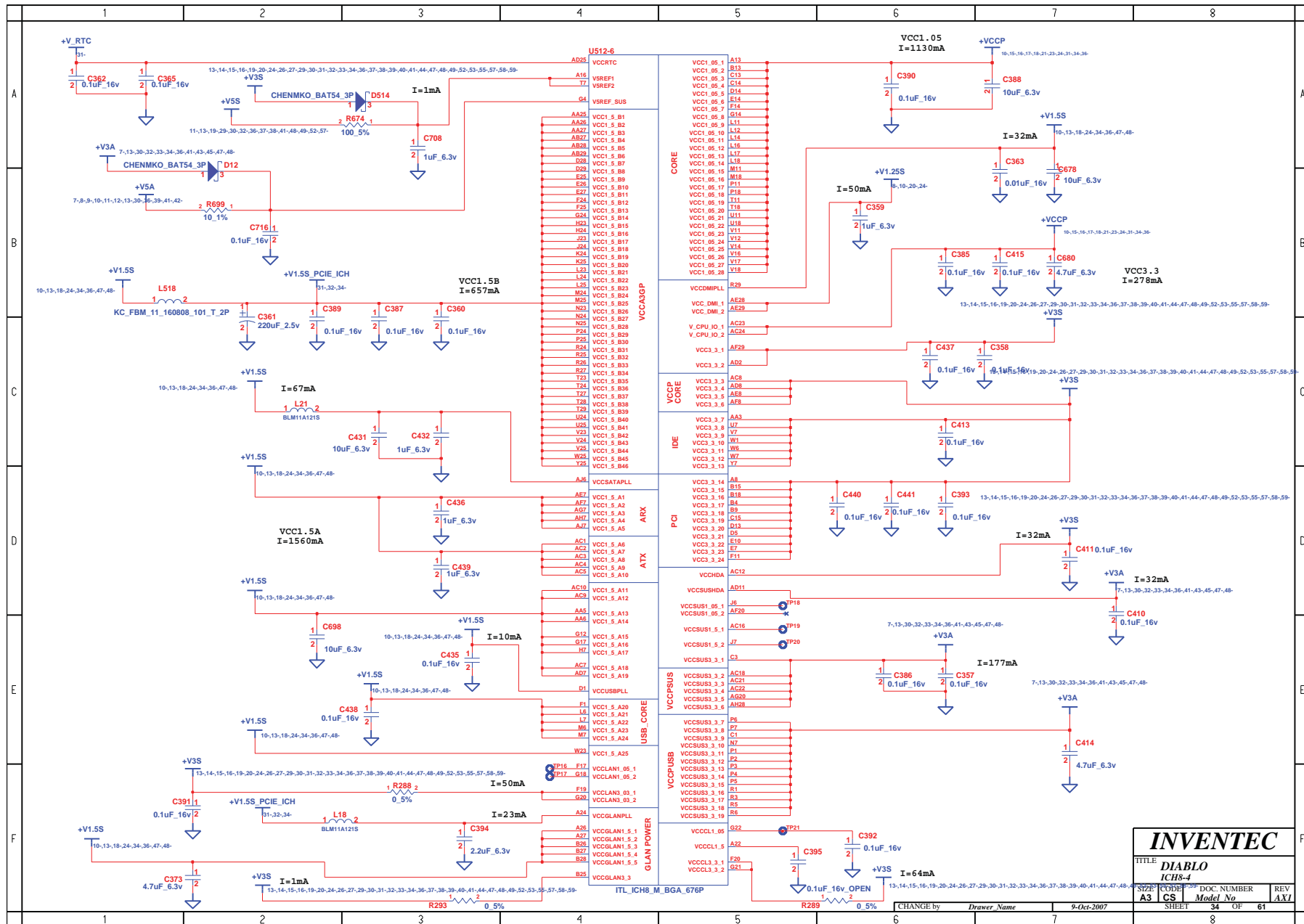
INVENTEC

TITLE  
DIABLO  
ICH8-3

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

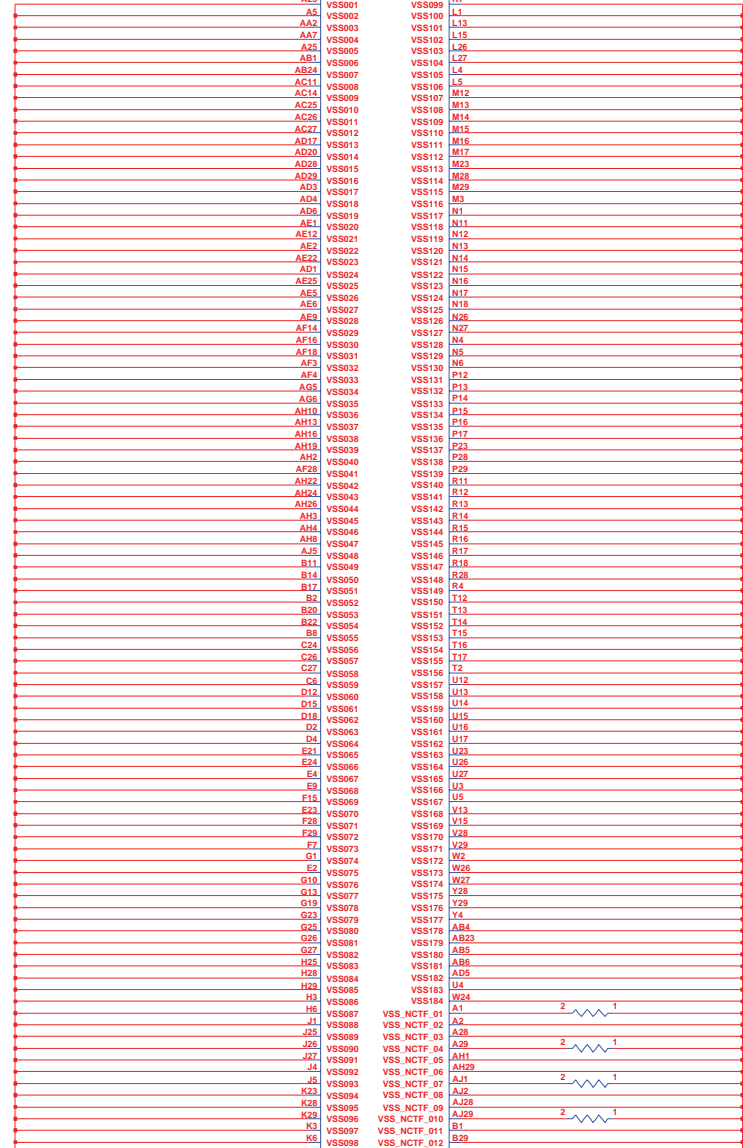
CHANGE by Drawer Name 9-Oct-2007

SHEET 33 OF 61



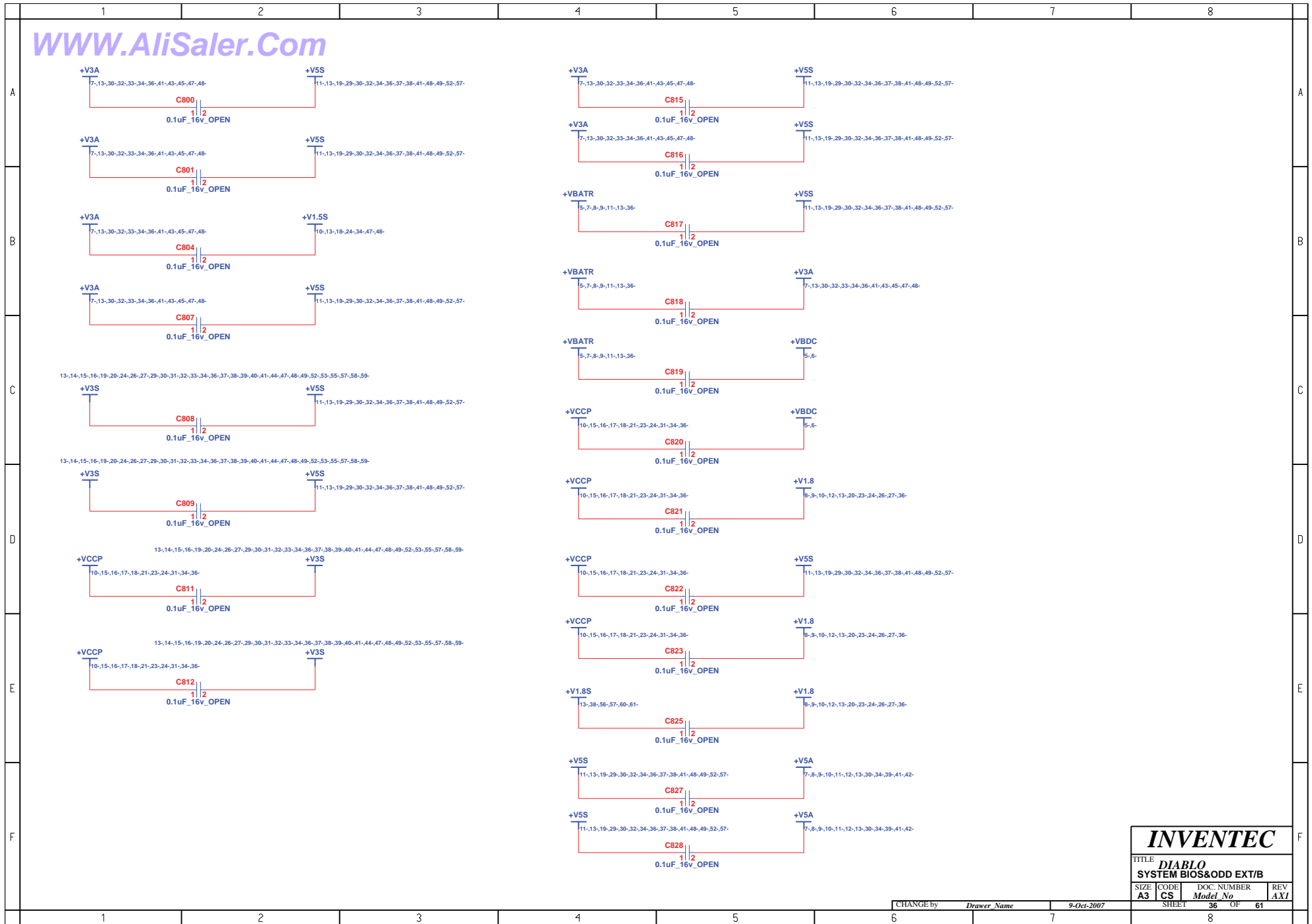
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A	WWW.AliSaler.Com								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

U512-5



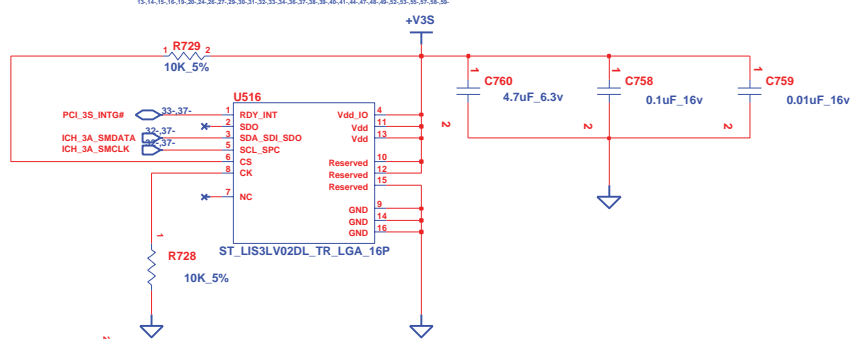
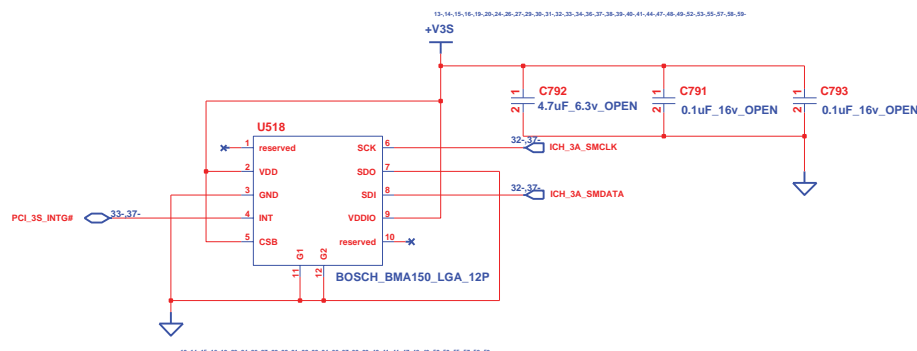
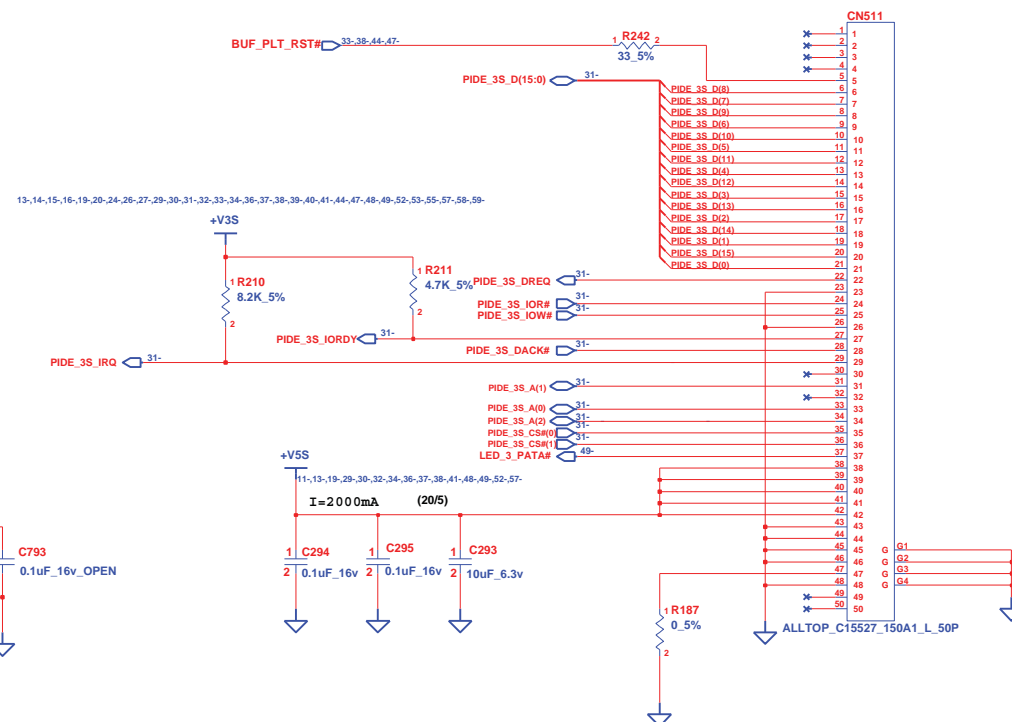
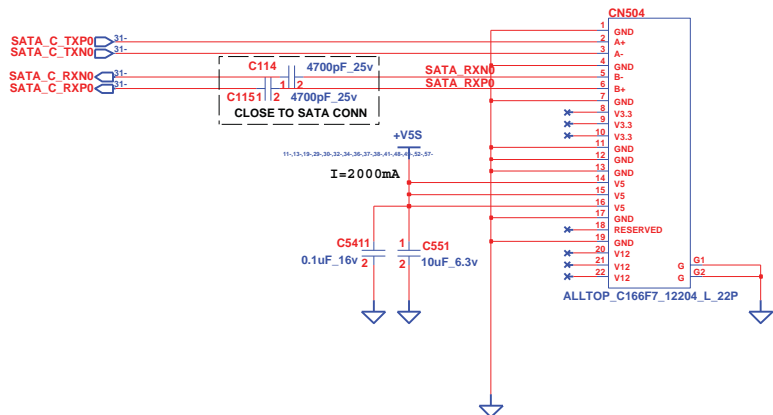
ITL\_ICH8\_M\_BGA\_676P

INVENTEC			
TITLE DIABLO ICH8-5			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
CHANGE by Drawer Name		9-Oct-2007	
SHEET 35		OF 61	



### SATA HDD CONN

### ODD CONN



### HARDDRIVE PROTECTION

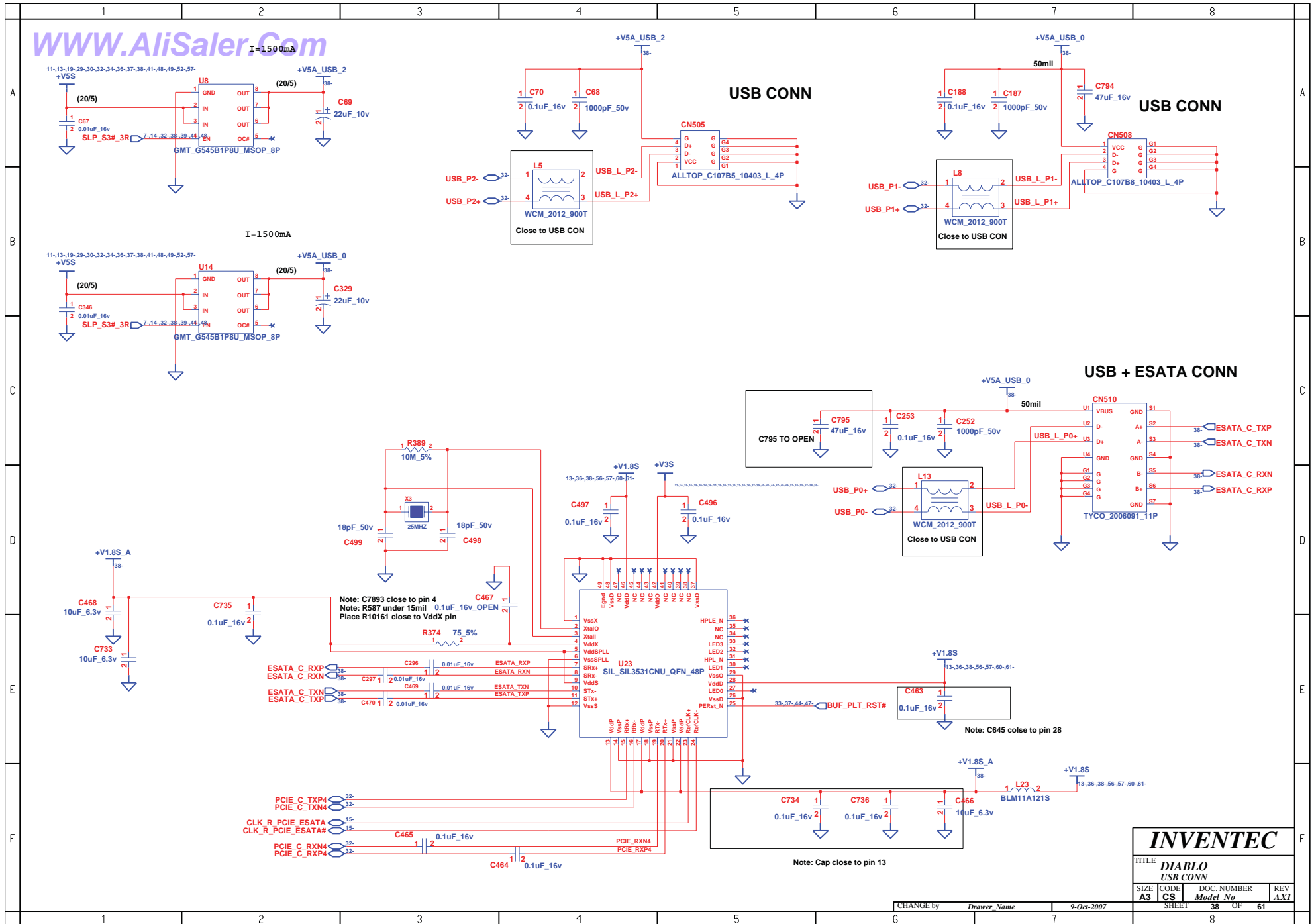
**INVENTEC**

TITLE  
**DIABLO  
HDD & ODD CONN**

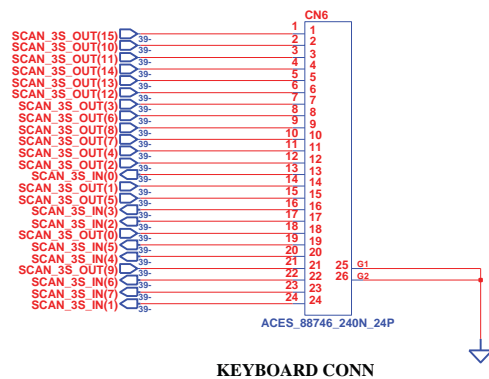
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**A3 CS Model No**

CHANGE by *Drawer Name* 9-Oct-2007

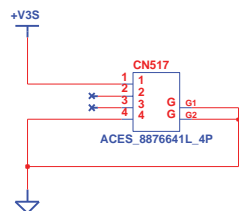
SHEET 37 OF 61





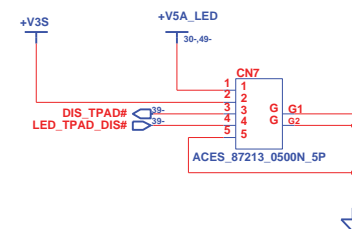


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13-14-15-16-19-20-24-26-27-29-30-31-32-33-34-36-37-38-39-40-41-44-47-48-49-52-53-55-57-58-59-

## TOUCHPAD LED CONN



**INVENTEC**

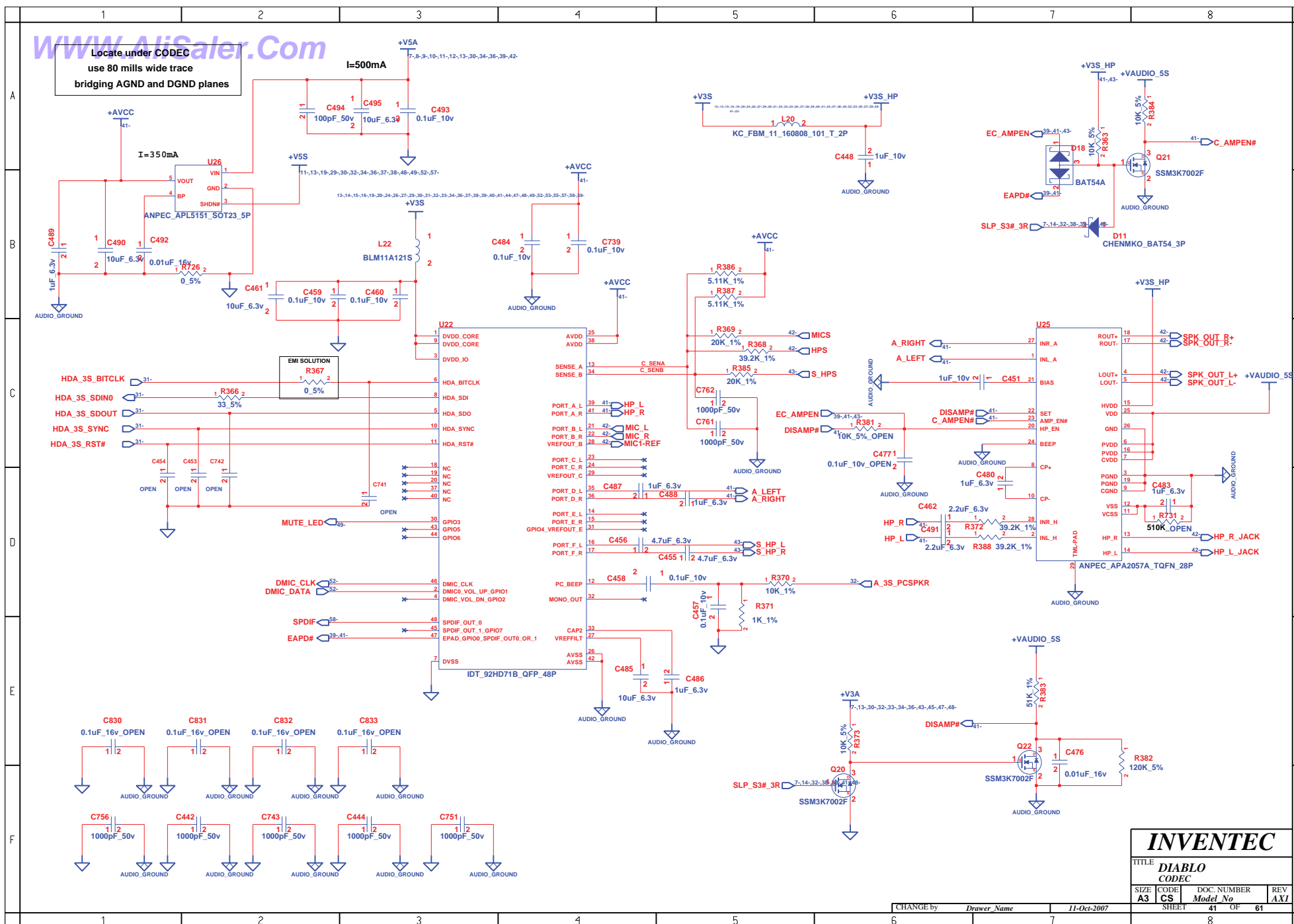
TITLE  
**DIABLO**  
**KB & TP CONN**

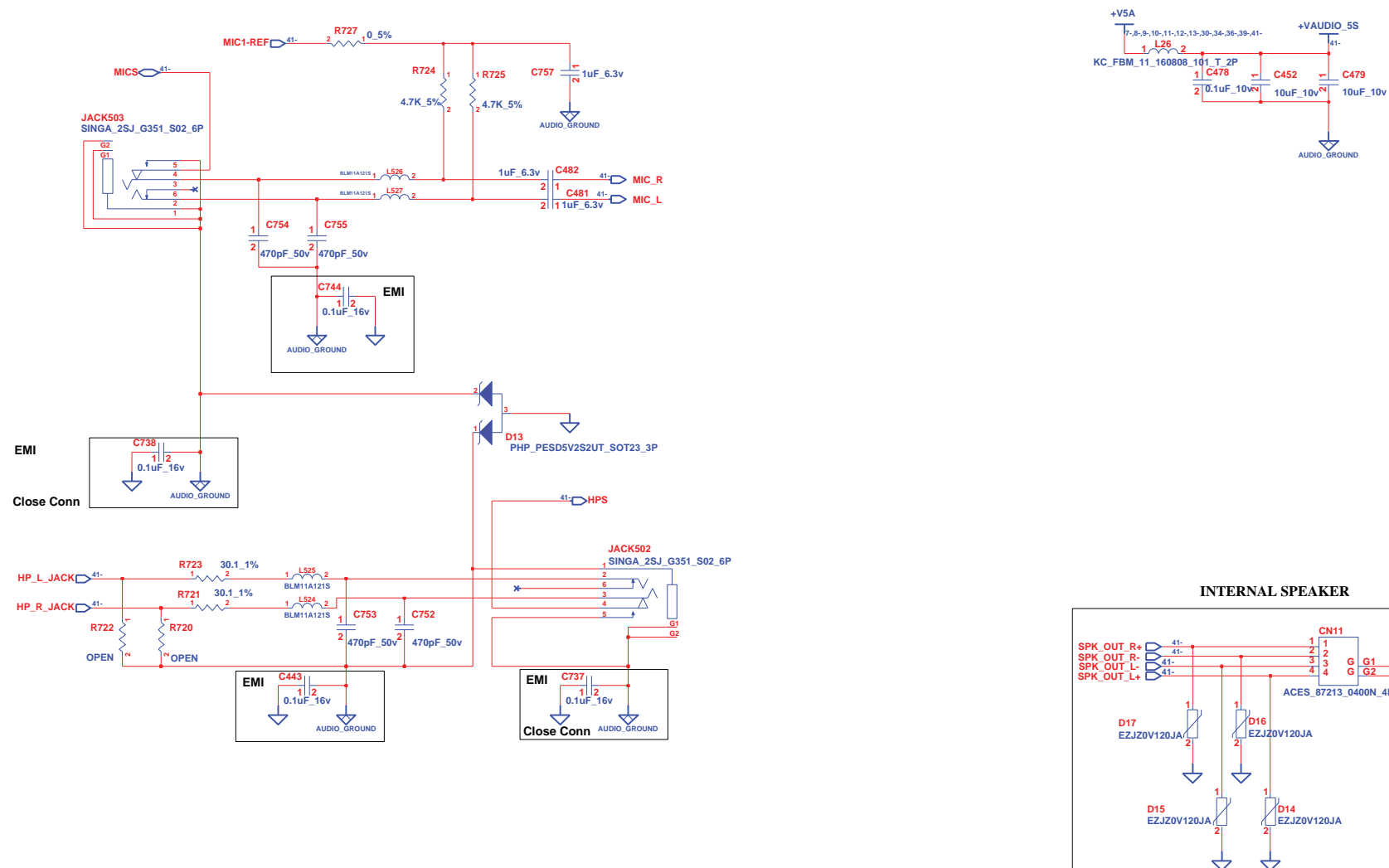
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A3	CS	Model No	AXI

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 40 OF 61







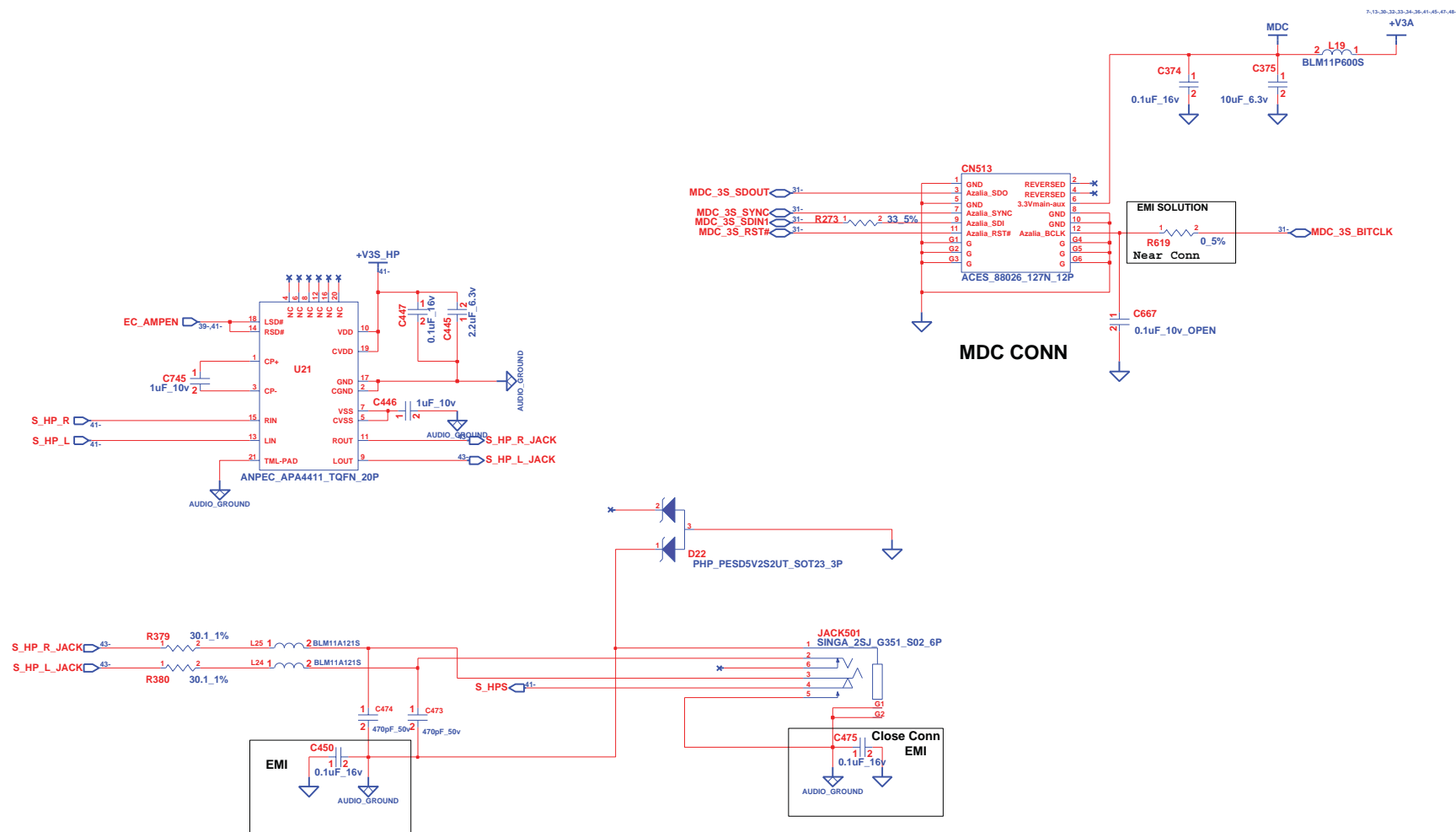
**INVENTEC**

TITLE  
**DIABLO  
AMP & MIC & HP**

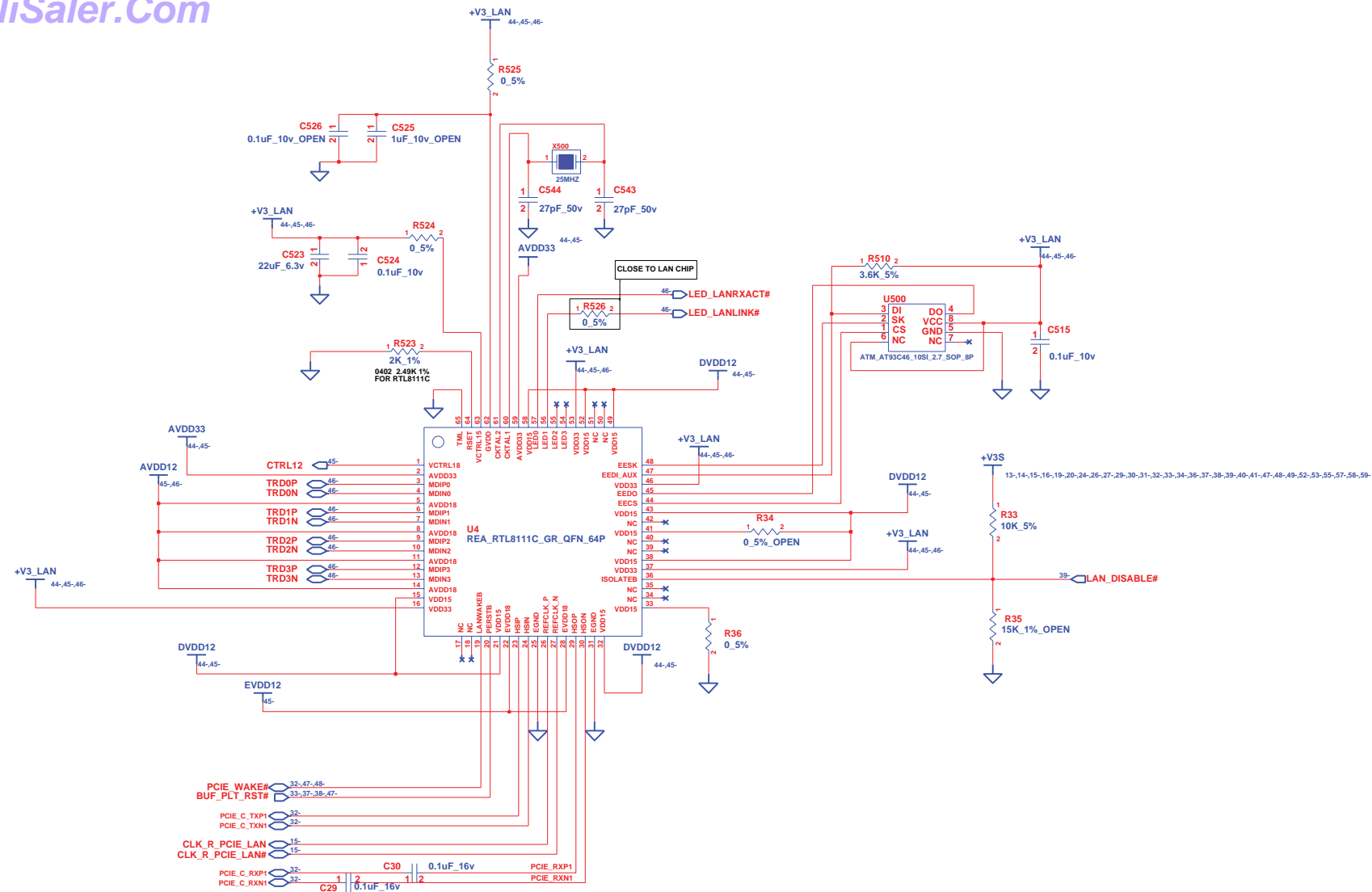
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A3	CS	Model No	AXI

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 42 OF 61



INVENTEC			
TITLE			
DIABLO			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
CHANGE by		Drawer Name	11-Oct-2007
SHEET		43	OF 61



1000M: RTL8111C

THERMAL PAD: 9 VIAS TO GND  
TWO EGGND PINS: PUT A LARGE PLANE TO THERMAL PAD

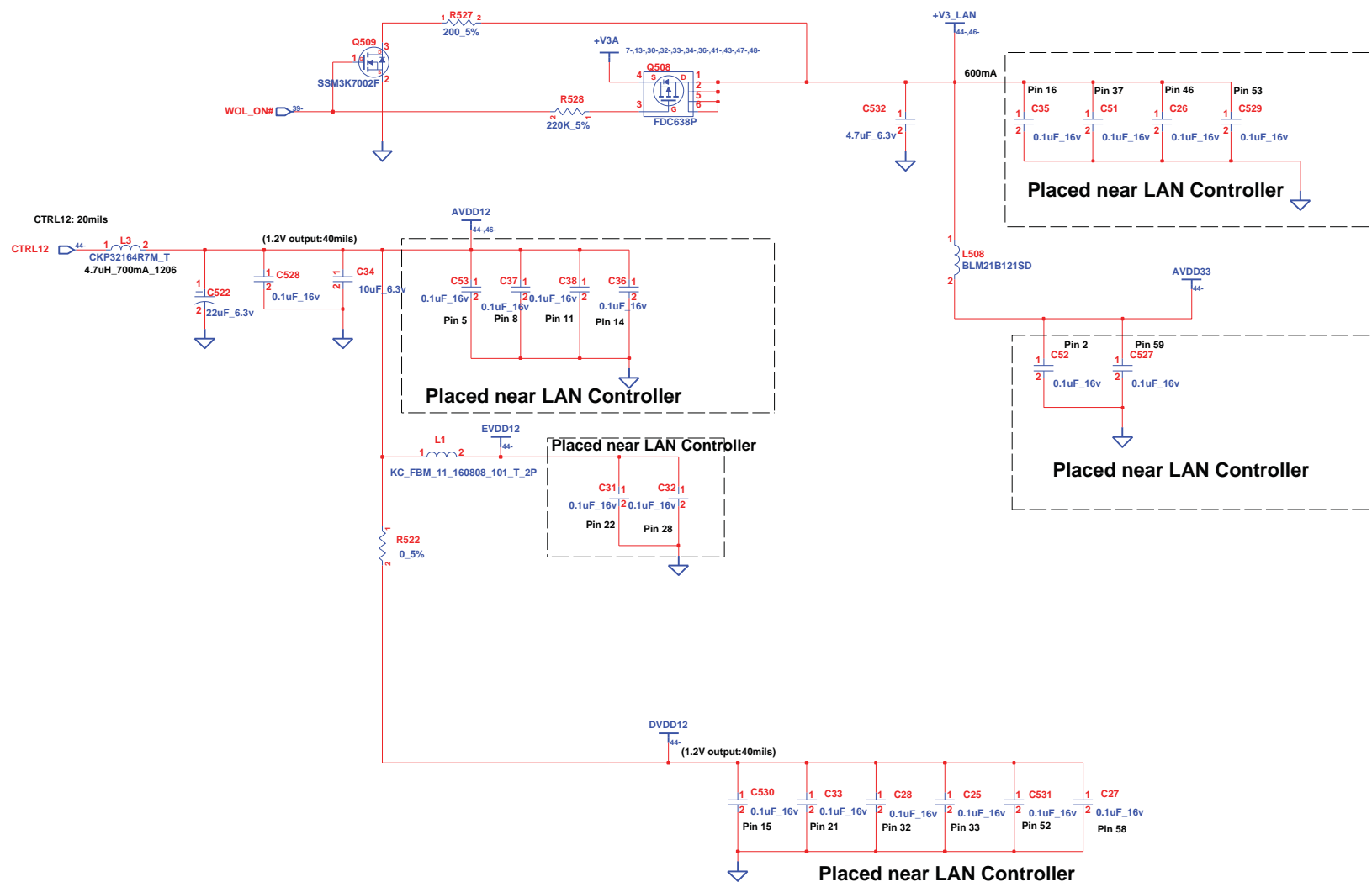
CHANGE by: *Drawer Name* 9-Oct-2007

**INVENTEC**

TITLE  
**DIABLO**  
**LAN INTERFACE**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

SHEET	44	OF	61
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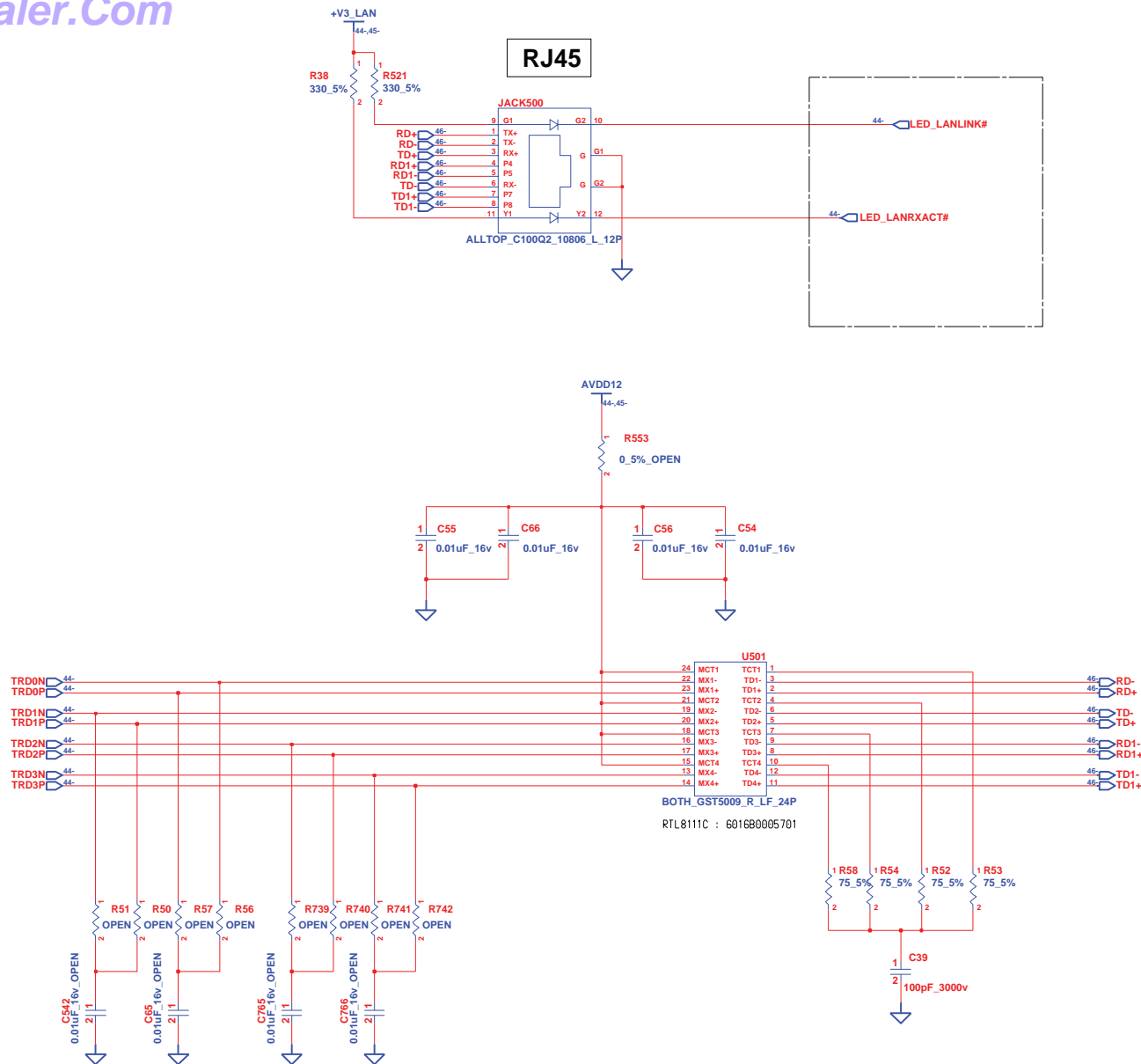
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TITLE  
**DIABLO  
LAN POWER**

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A3	CS	Model No	AXI

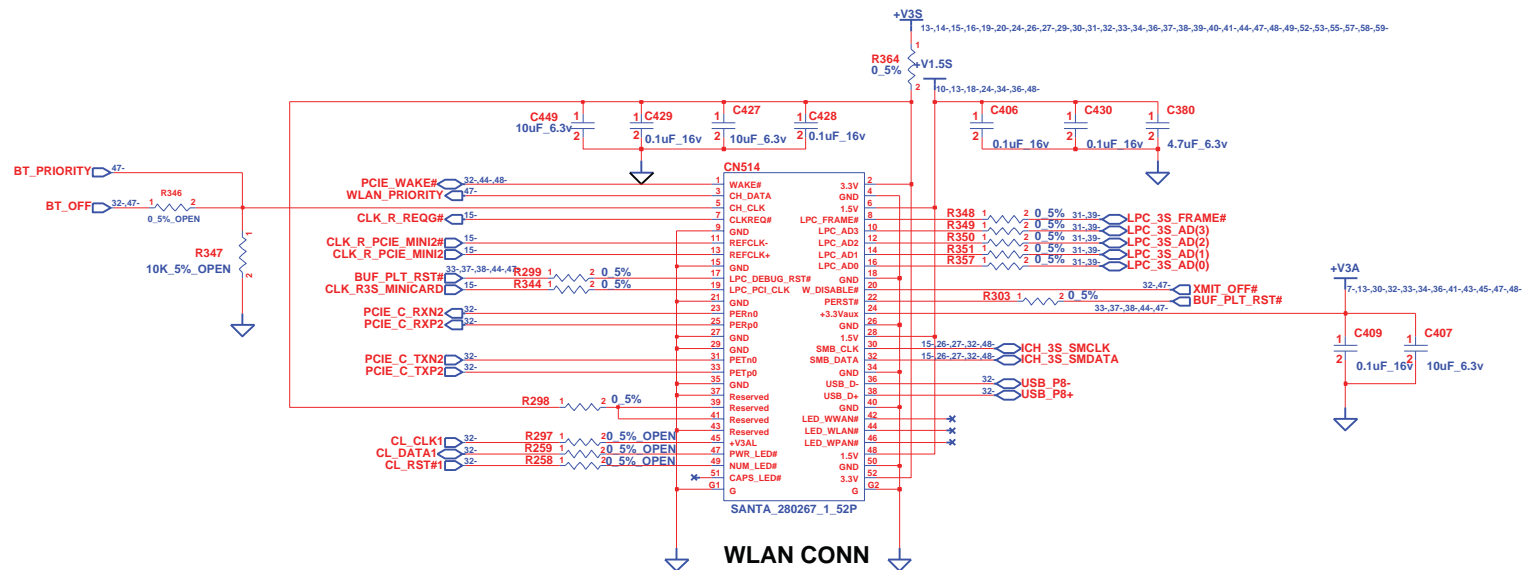
CHANGE by *Drawer Name* 9-Oct-2007

SHEET 45 OF 61

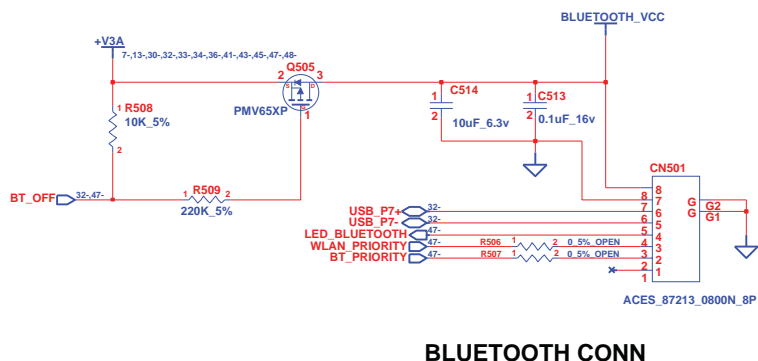


LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible

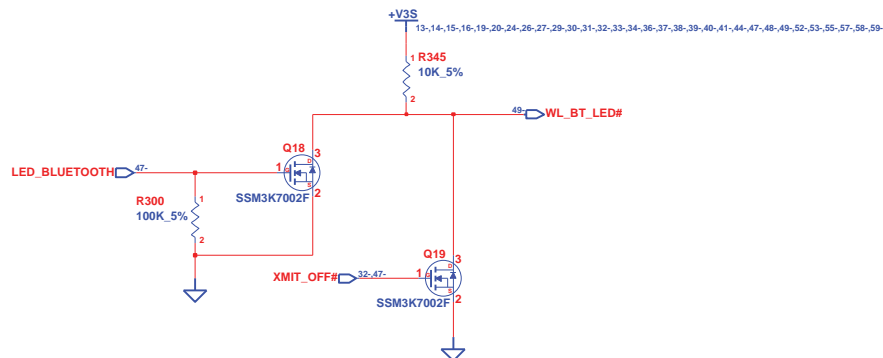
INVENTEC			
TITLE DIABLO LAN RJ45 CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
CHANGE by Drawer Name		9-Oct-2007	SHEET 46 OF 61



R261,R262,R263,R264,R265 place as close to LPC signal as possible to minimize stub length for LPC bus  
(will be NI for FCS)



BLUETOOTH CONN



# INVENTEC

TITLE  
DIABLO  
MINICARD CONN

SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
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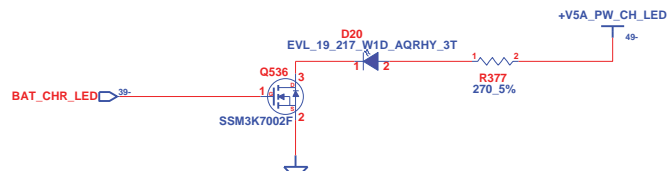
CHANGE by Drawer Name 9-Oct-2007

SHEET 47 OF 61

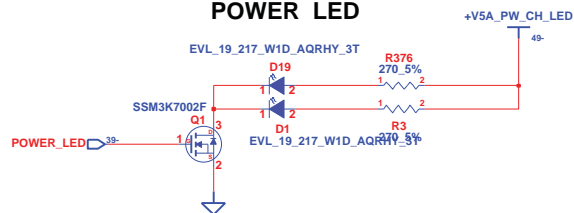




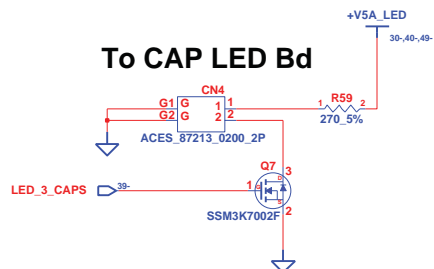
### BATTERY-CHARGE LED



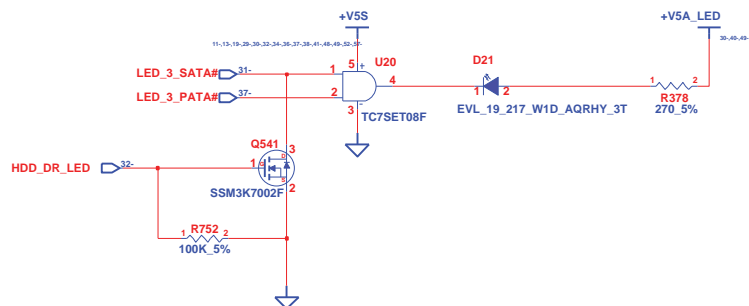
### POWER LED



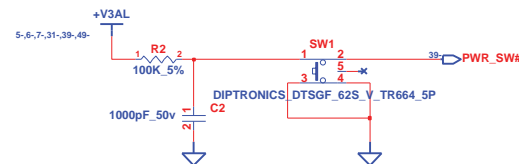
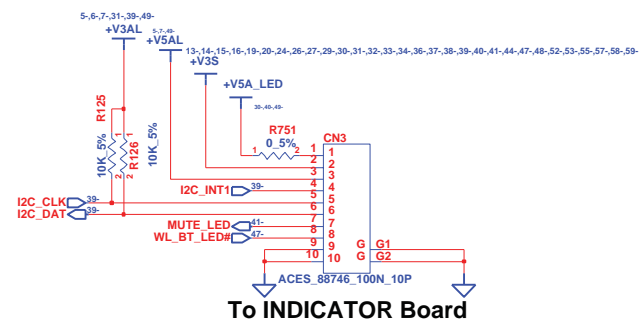
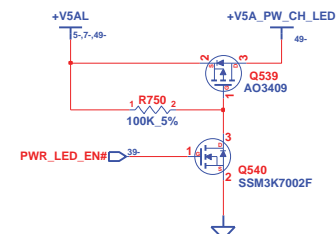
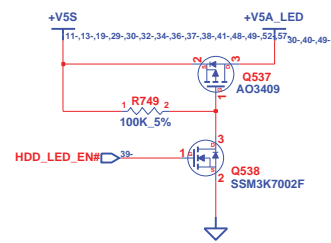
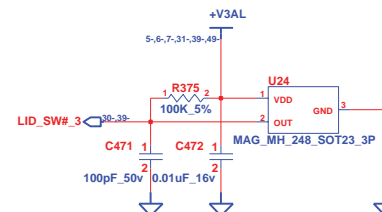
### To CAP LED Bd



### HDD & ODD LED

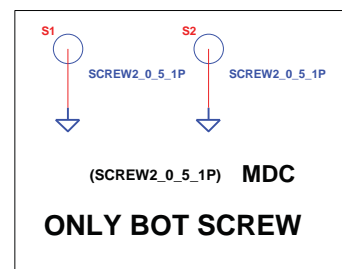
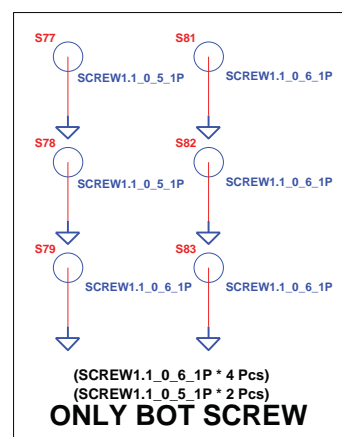
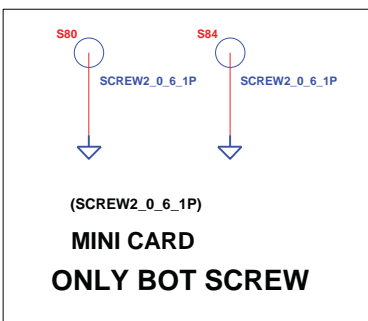
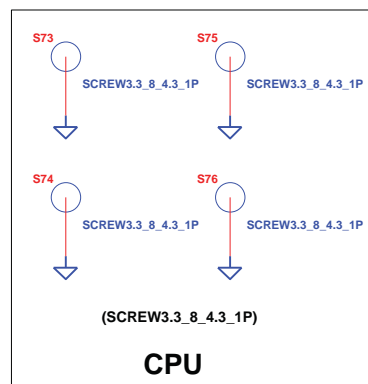
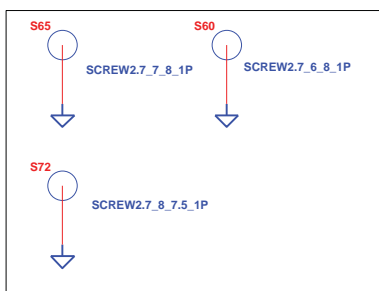
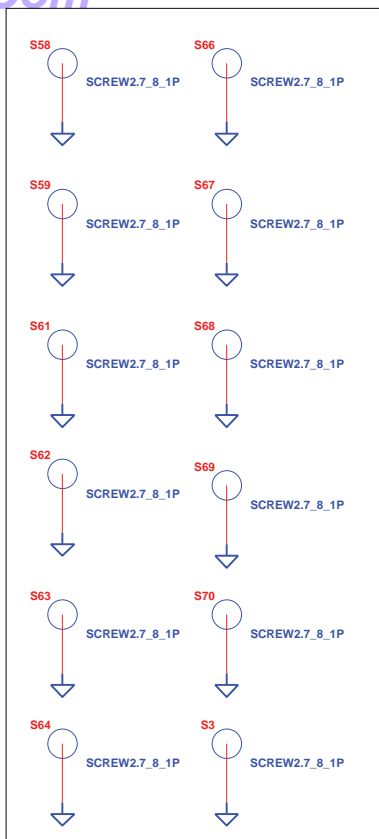
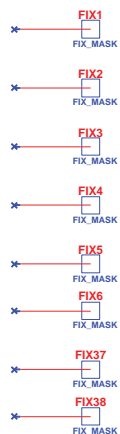


### LID SWITCH



### POWER BUTTON

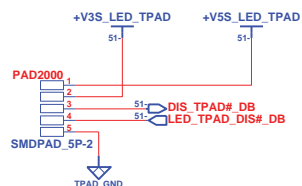
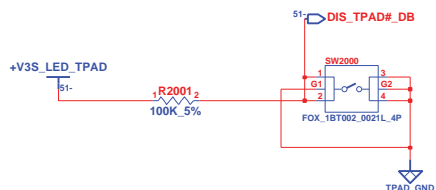
INVENTEC			
TITLE DIABLO BUTTON & LED			
SIZE A3	CODE CS	DOC NUMBER Model No	REV AXI
CHANGE by Drawer Name		9-Oct-2007	
SHEET		49 OF 61	



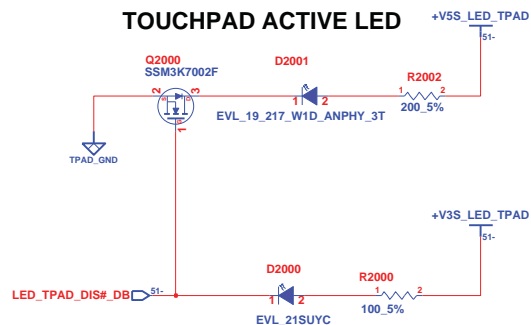
INVENTEC			
TITLE			
DIABLO			
SCREW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
SHEET		OF	61
8			

CHANGE by *Drawer Name* 9-Oct-2007

# TOUCHPAD-DISABLE BUTTOM\_DB



# TOUCHPAD ACTIVE LED



# TouchPad Disable DB

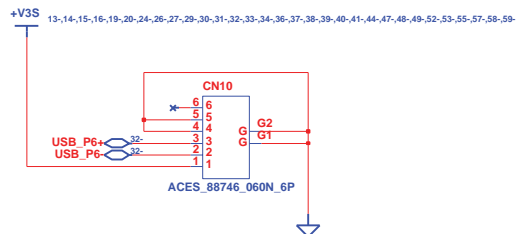
**INVENTEC**

TITLE  
**DIABLO  
FINGER PRINTER CONN.**

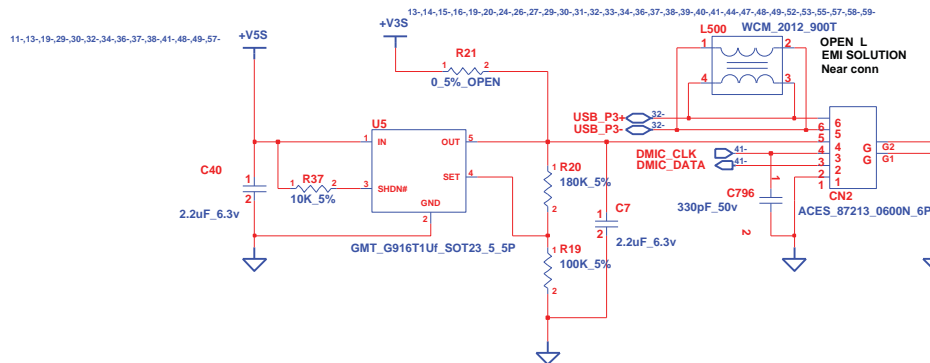
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**A3 CS Model No AXI**

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 51 OF 61



To Finger Print Reader Board



## Webcam CONN & DIGITAL MIC

**INVENTEC**

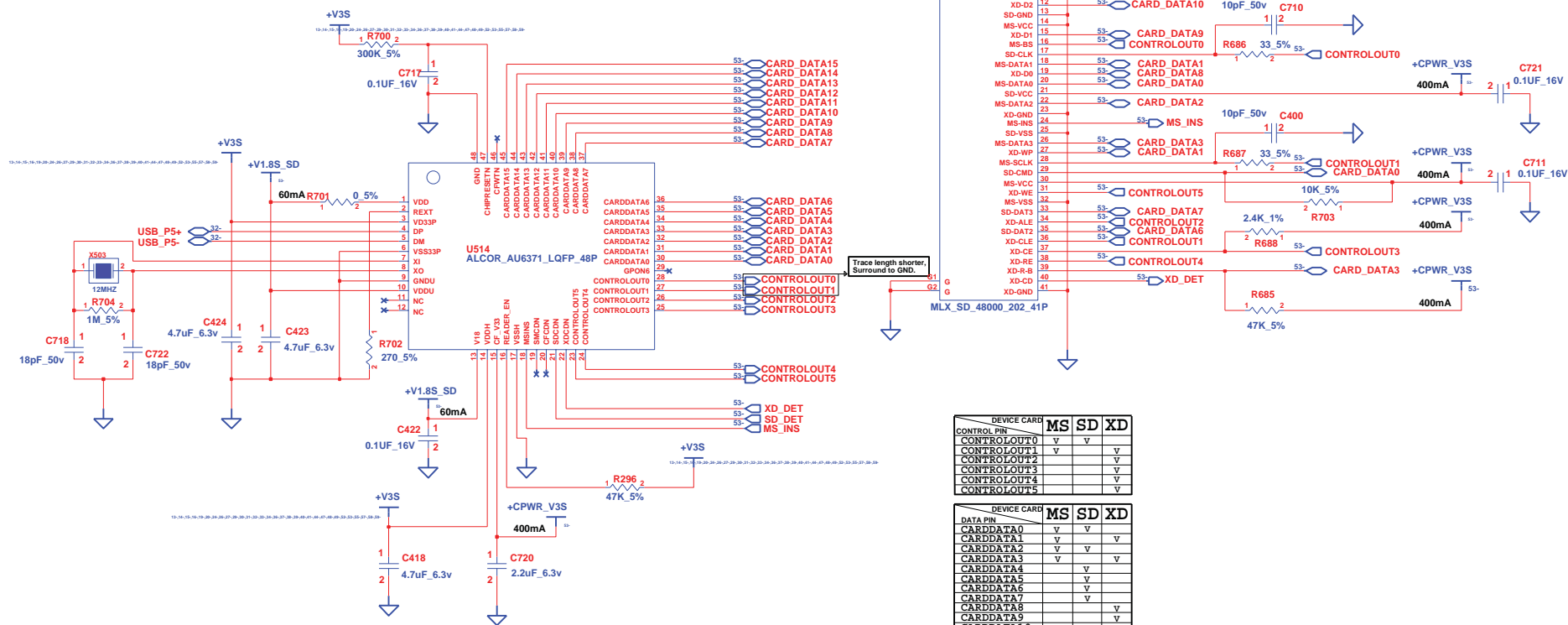
TITLE  
**DIABLO**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawer Name* 9-Oct-2007

SHEET 52 OF 61

# Cardreader Conn



CONTROL PIN	MS	SD	XD
CONTROL0	V	V	
CONTROL1	V		V
CONTROL2		V	V
CONTROL3		V	
CONTROL4		V	
CONTROL5		V	

DATA PIN	MS	SD	XD
CARDDATA0	V	V	
CARDDATA1	V		V
CARDDATA2	V	V	
CARDDATA3	V		V
CARDDATA4	V	V	
CARDDATA5	V		V
CARDDATA6	V	V	
CARDDATA7	V		V
CARDDATA8	V	V	
CARDDATA9	V		V
CARDDATA10	V	V	
CARDDATA11	V		V
CARDDATA12	V	V	
CARDDATA13	V		V
CARDDATA14	V	V	
CARDDATA15	V		V

INVENTEC

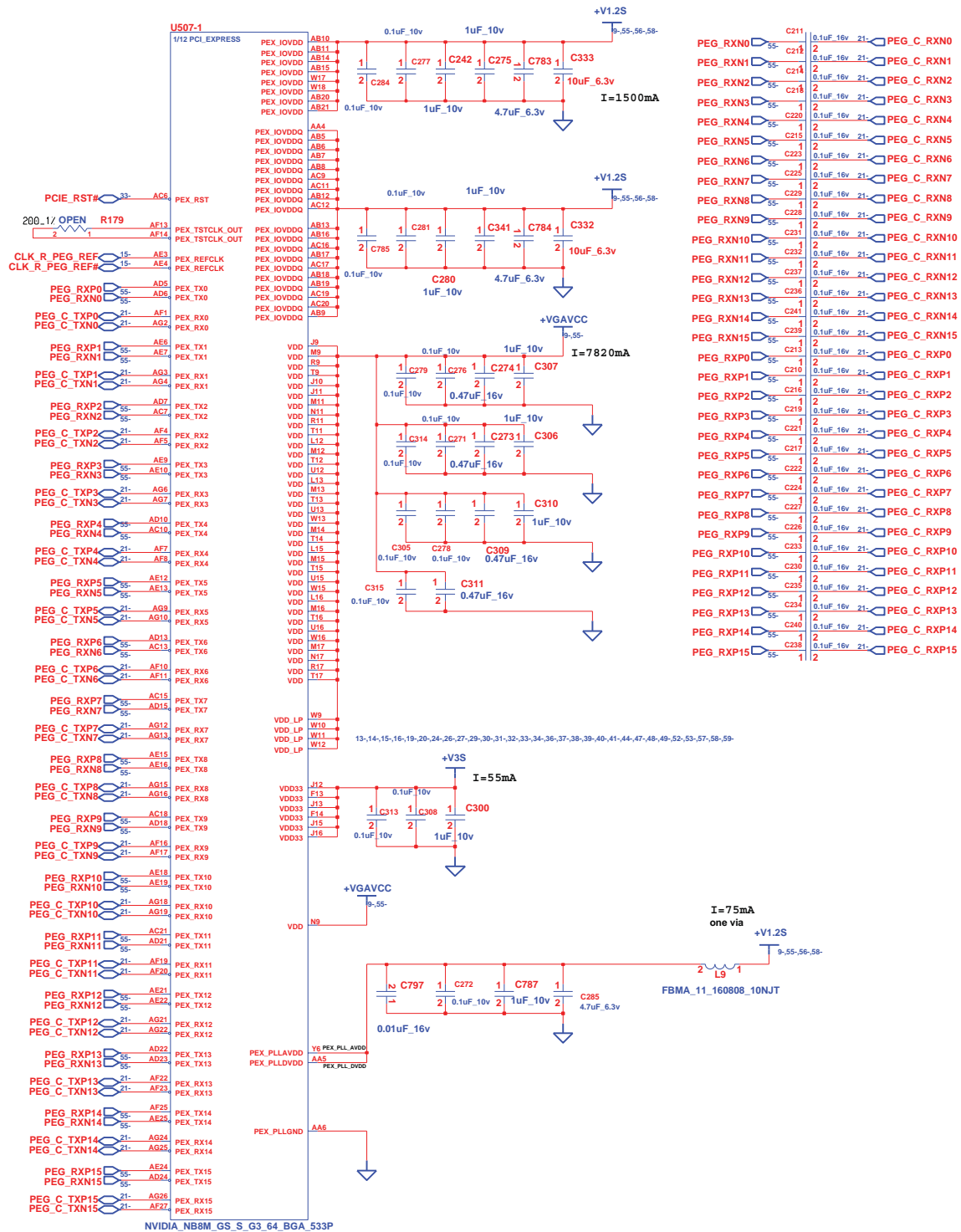
TITLE  
DIABLO  
5 IN1/1394 CONN

SIZE CODE DOC. NUMBER REV  
A3 CS Model No 53 OF 61 AXI

CHANGE by Drawer Name 9-Oct-2007

	1	2	3	4	5	6	7	8	
A	<div>WWW.AliSaler.Com</div>								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE DIABLO			
5 IN 1/1394 CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
CHANGE by Drawer Name		9-Oct-2007	
SHEET		54	OF 61



INVENTEC

DIABLO

AVDIA G72M/G31

SIZE CODE

CS

REV

AXI

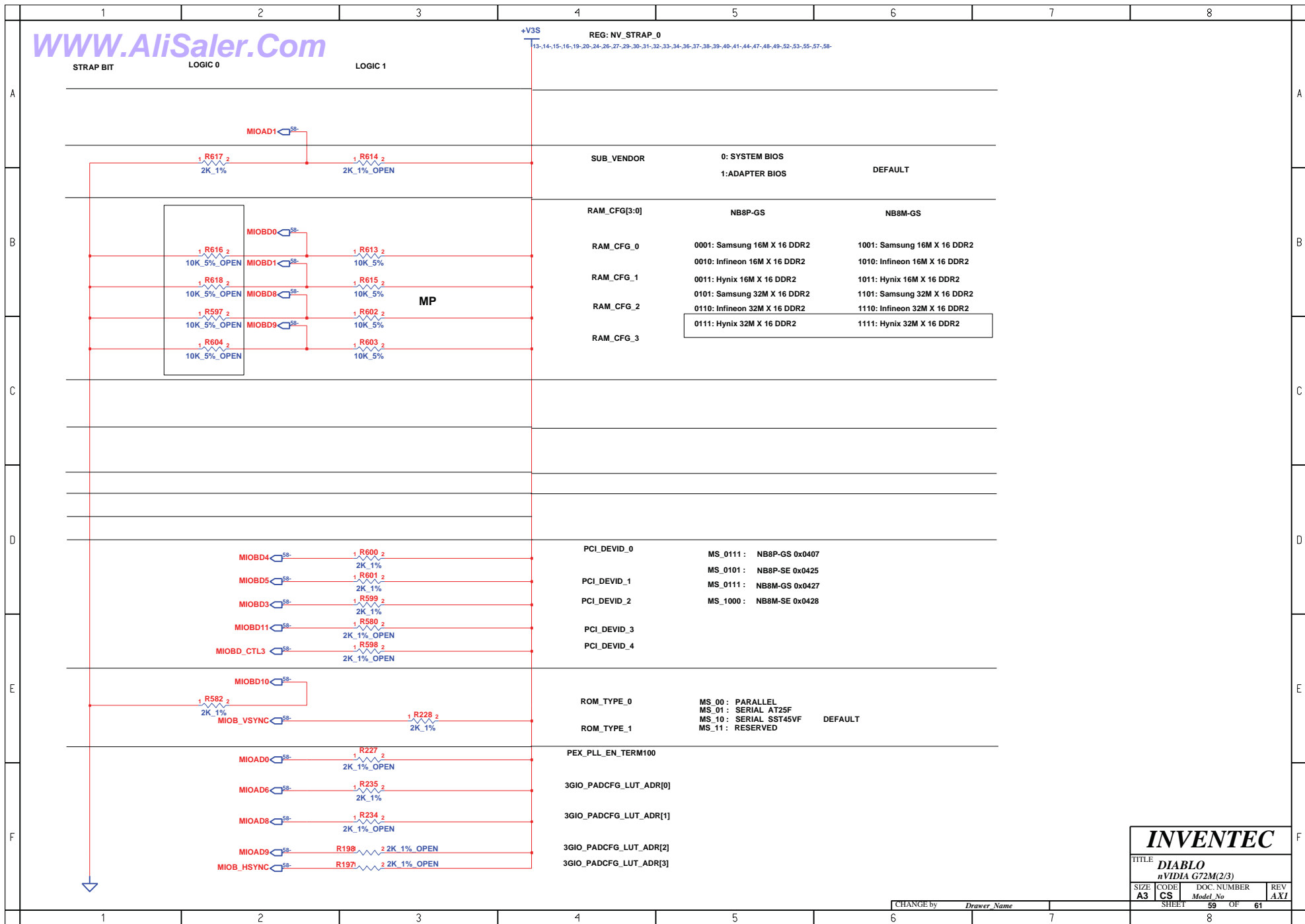
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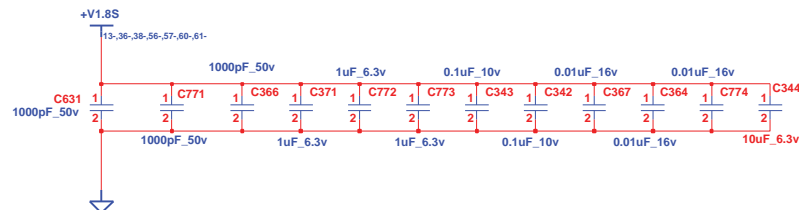
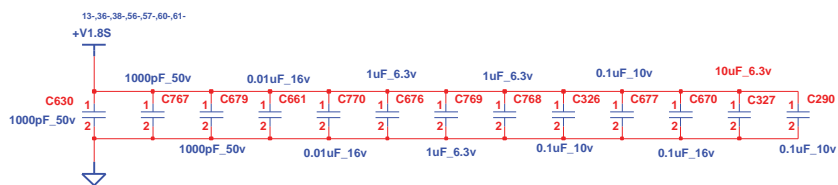
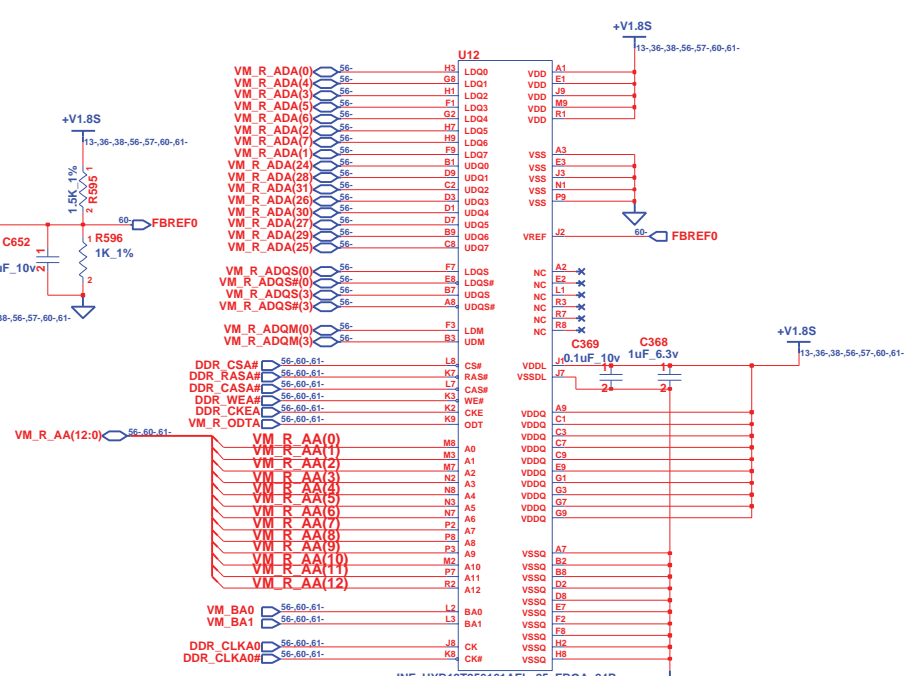
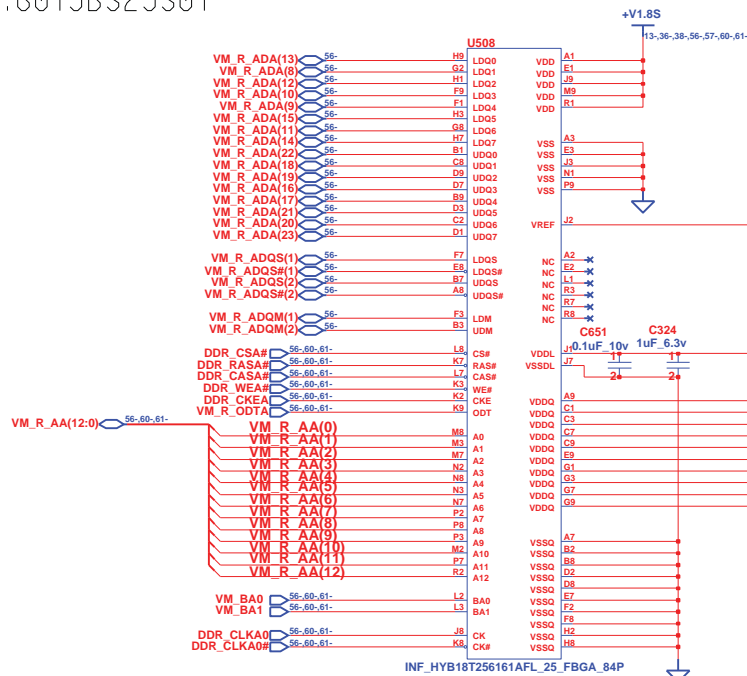
CHANGE by *Drawer Name*











INVENTEC

TITLE  
DIABLO  
VRAM(I/4)

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by: Drawer Name

SHEET 60 OF 61

