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B	<div><div>Zenith UMA DDR3</div><div>Cycle 1</div><div>PV BUILD</div><div>2009.05.25</div></div>								B																																																																								
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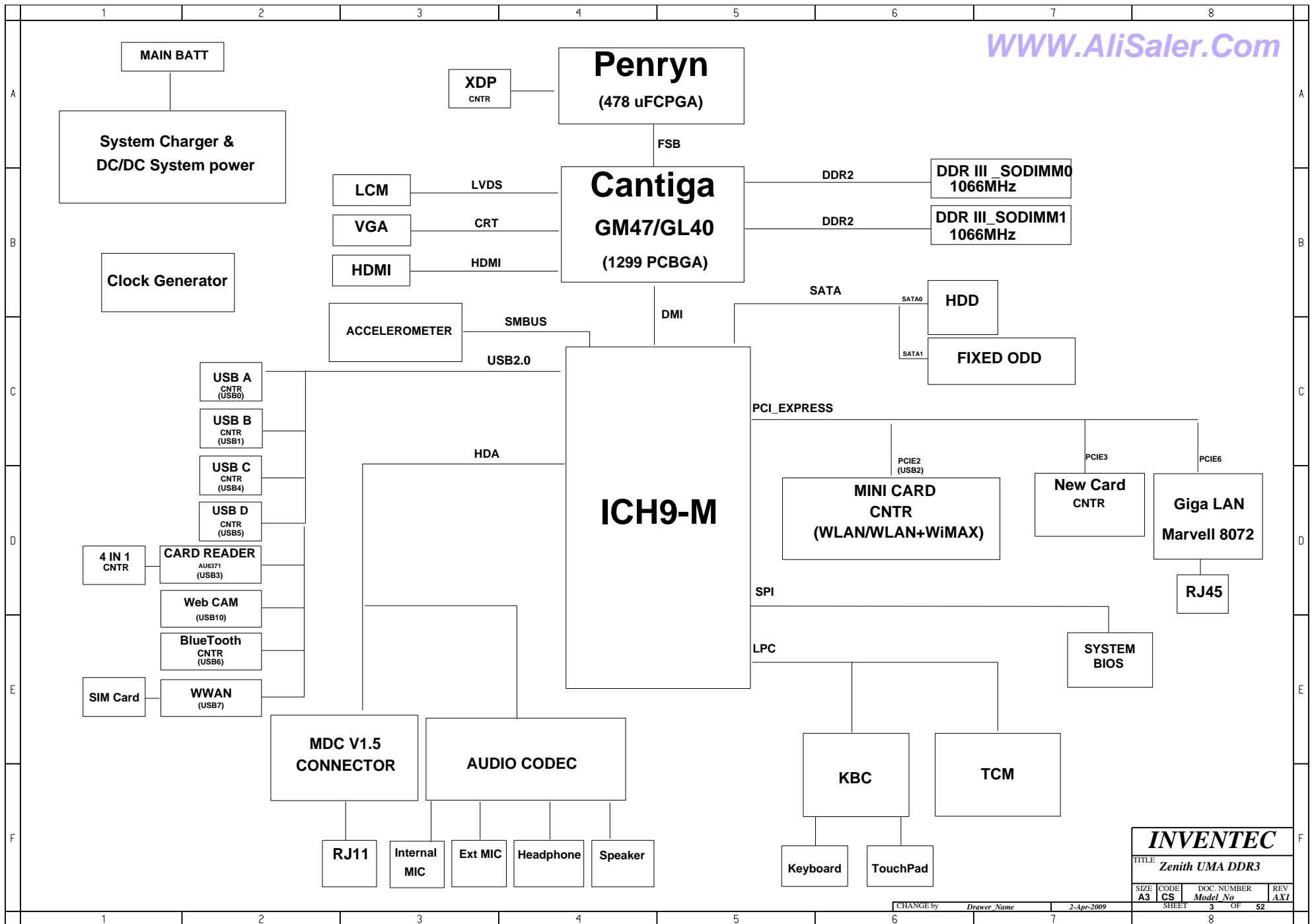
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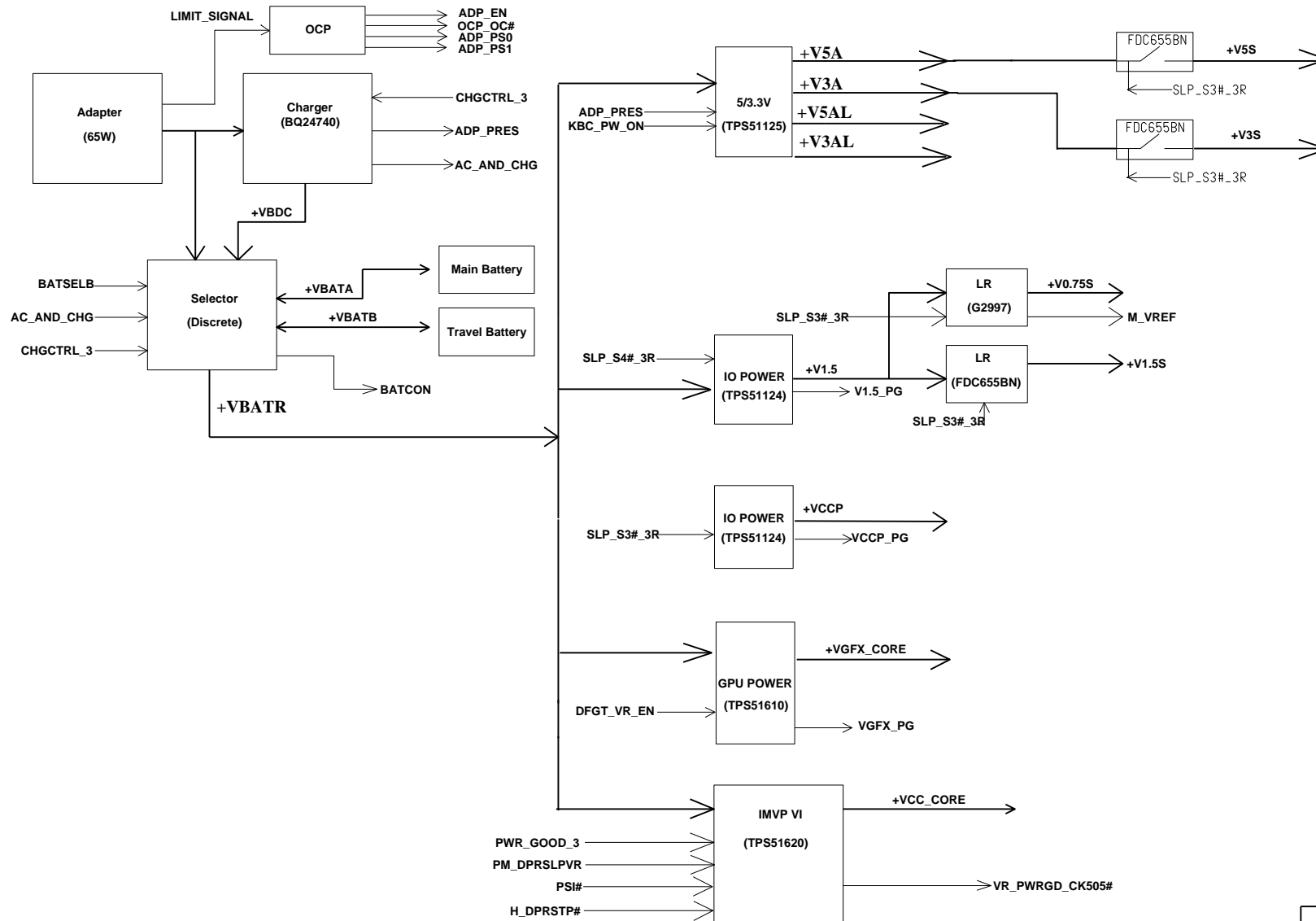
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TITLE **Zenith UMA DDR3**

SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
SHEET 2		OF 52	

CHANGE by *Drawer Name* 2-Apr-2009





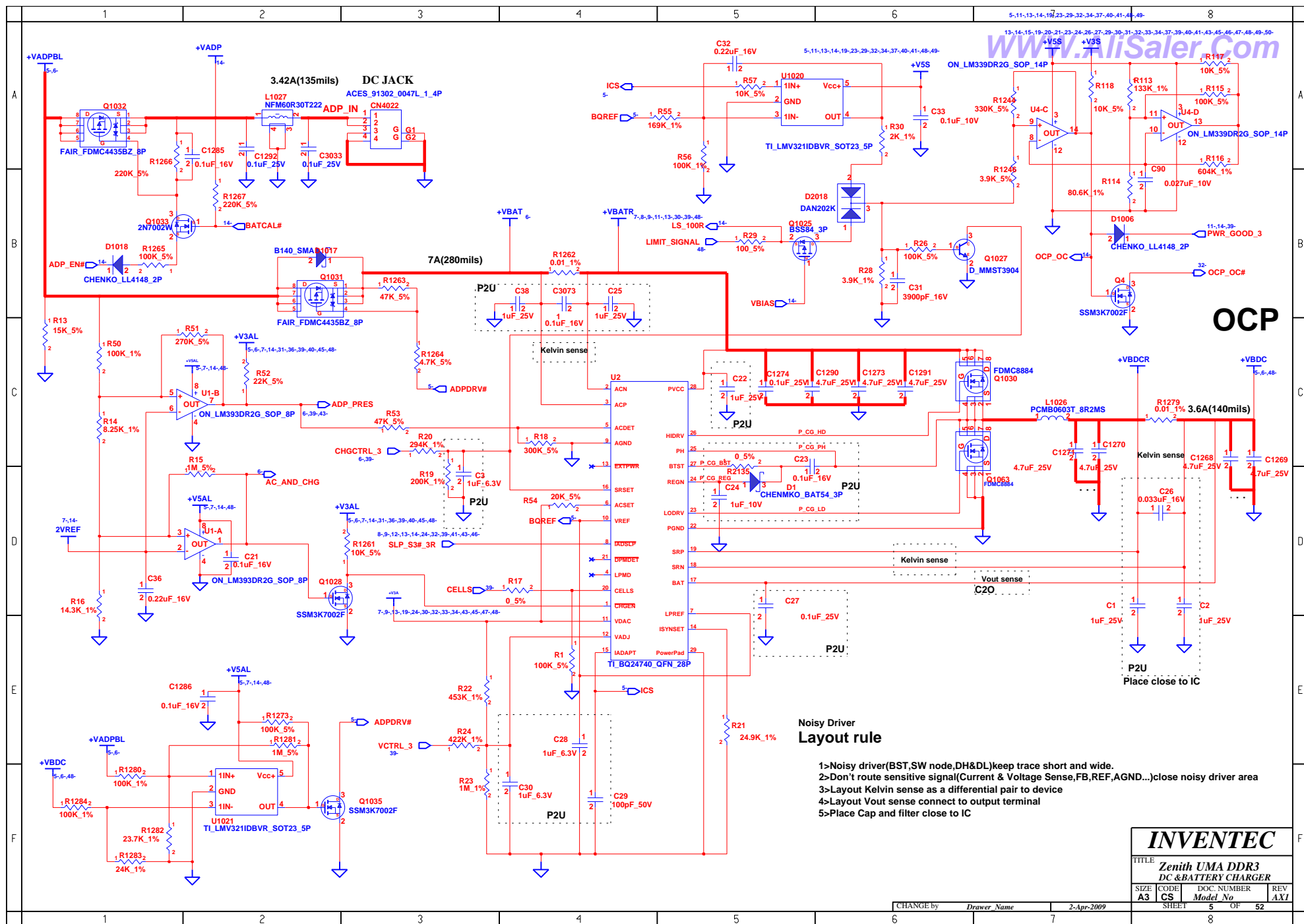
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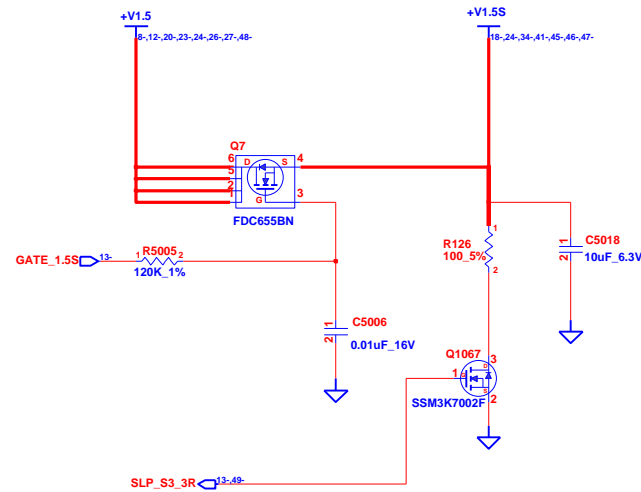
TITLE: **Zenith UMA DDR3**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by: *Drawer Name* 2-Apr-2009

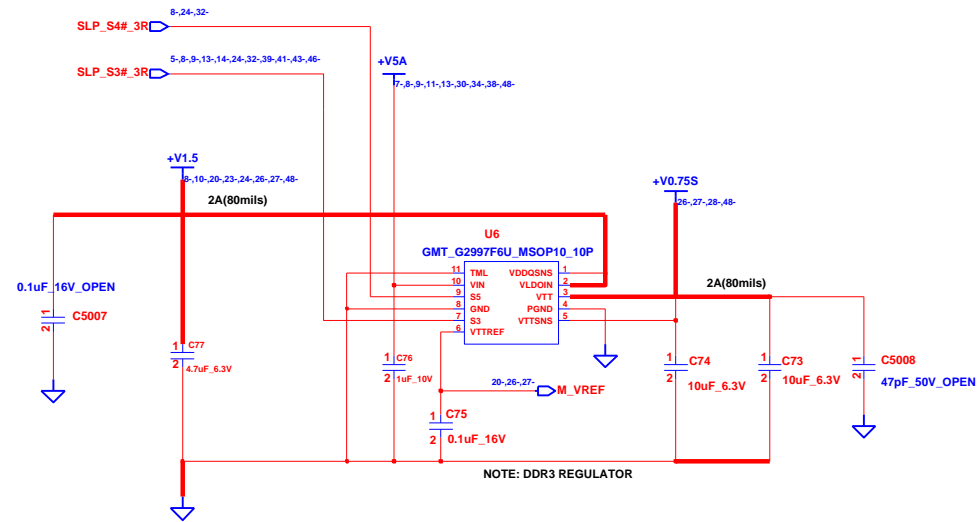
SHEET 4 OF 52



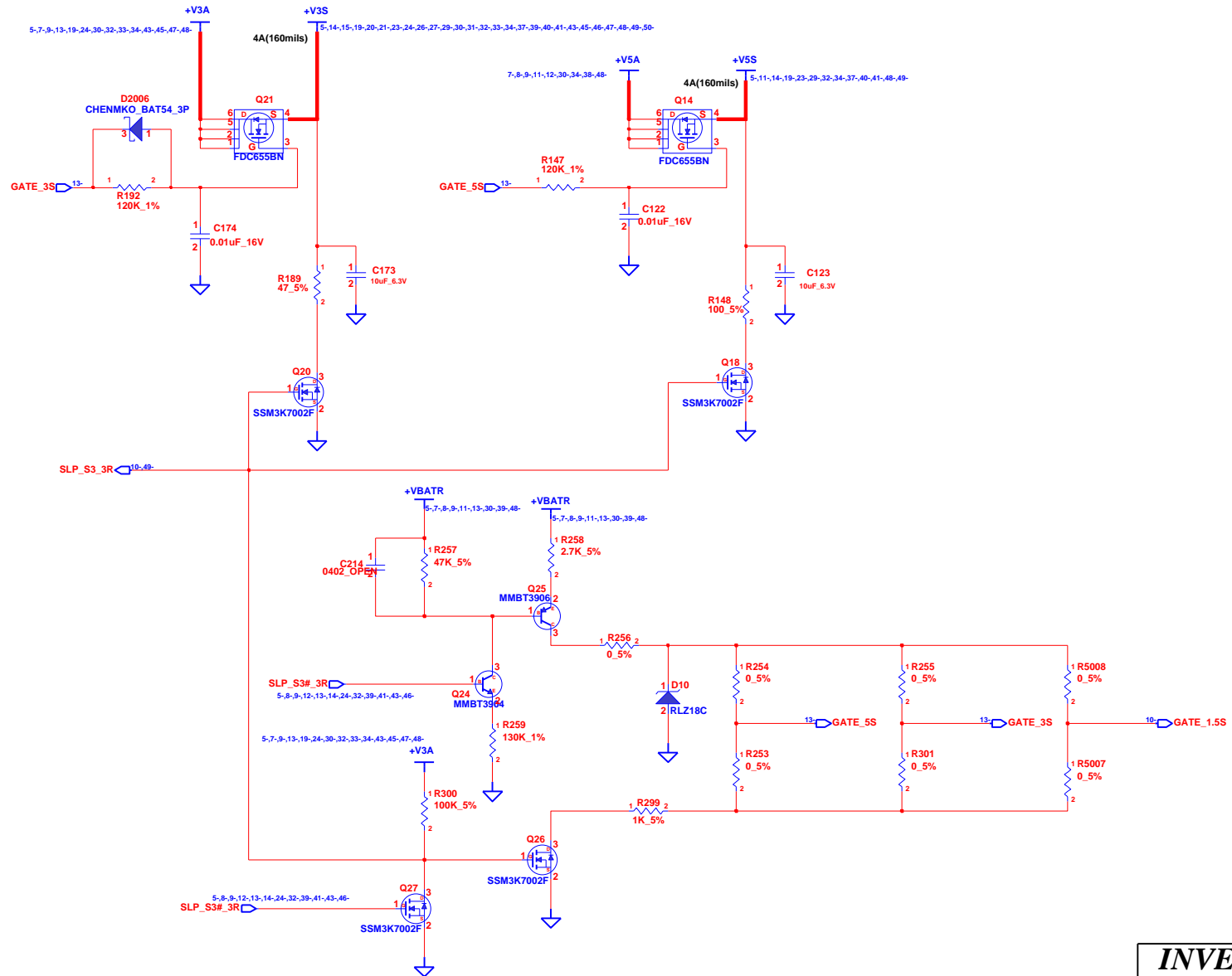


INVENTEC			
TITLE: Zenith UMA DDR3 SYSTEM POWER(+VCCP/+V1.5S)			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
SHEET 10 OF 52			

CHANGE by: *Drawer Name* 13-Apr-2009



INVENTEC			
TITLE: Zenith UMA DDR3 DDR TERMINATION VOLTAGE			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
CHANGE by: Drawer Name		2-Apr-2009	
SHEET 12		OF 52	



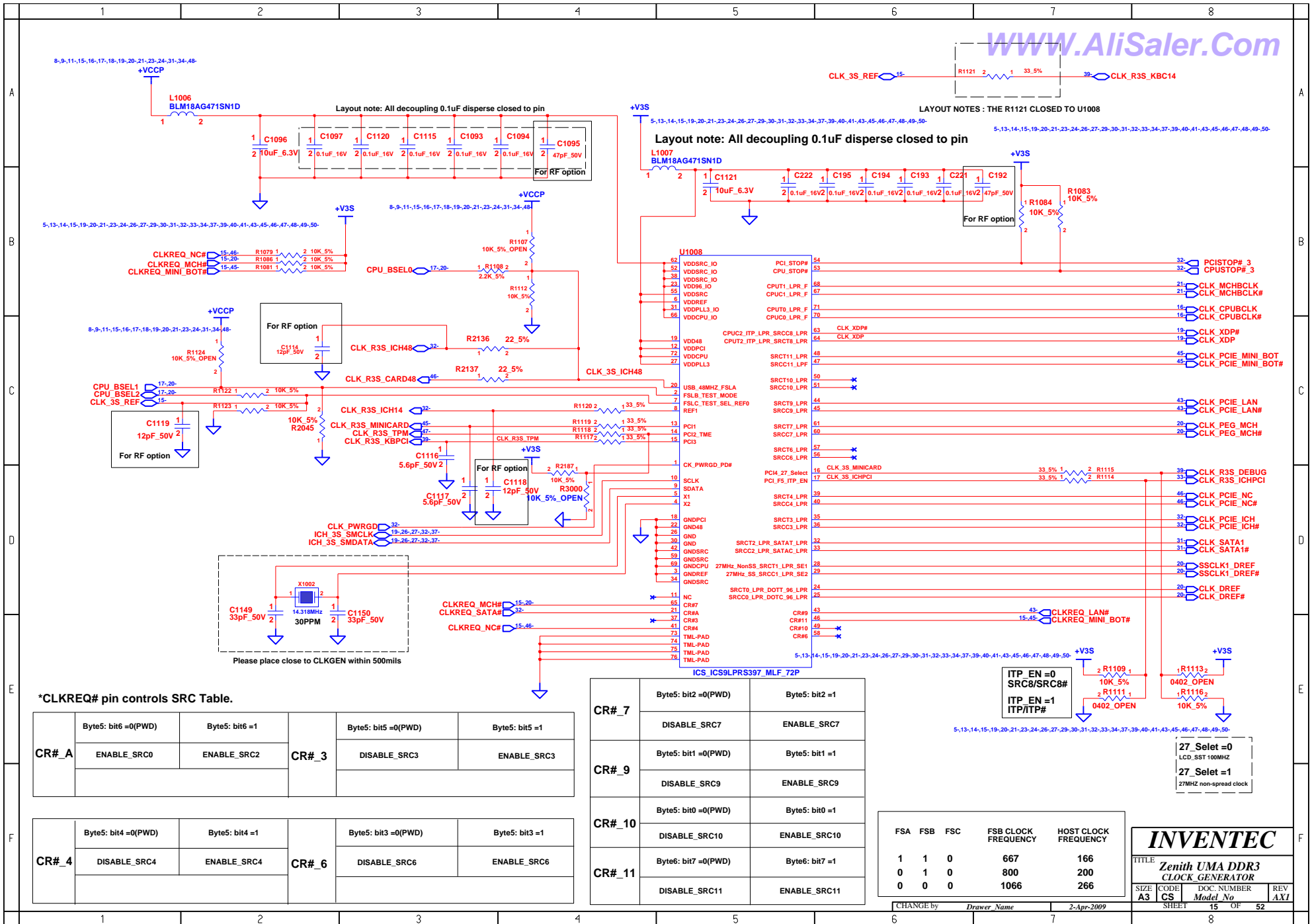
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TITLE
**Zenith UMA DDR3
POWER(SLEEP)**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawer Name* 2-Apr-2009

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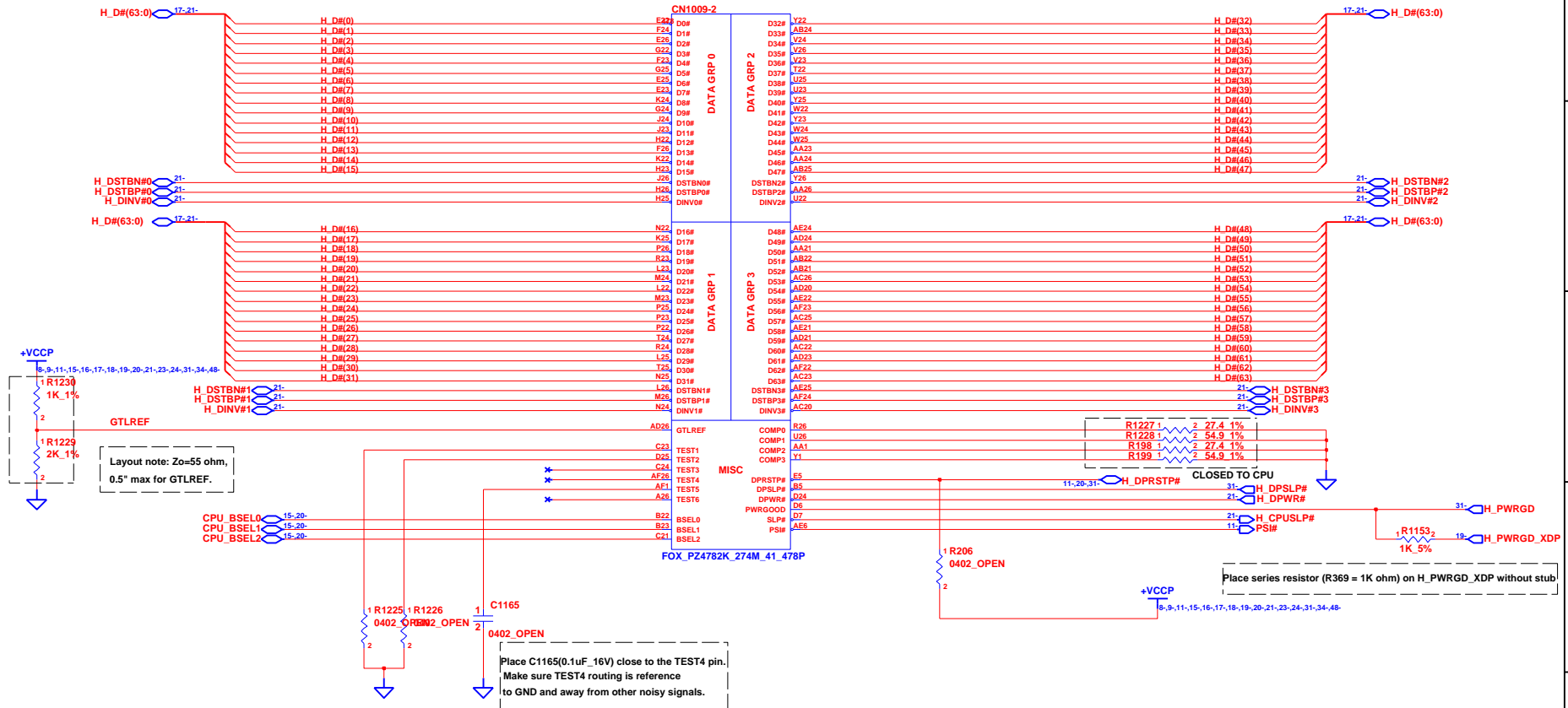


TITLE	<i>Zenith UMA DDR3 PENRYN-1</i>
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SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV <i>AX1</i>
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CHANGE by	<i>Drawer Name</i>	2-Apr-2009
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CS Model No
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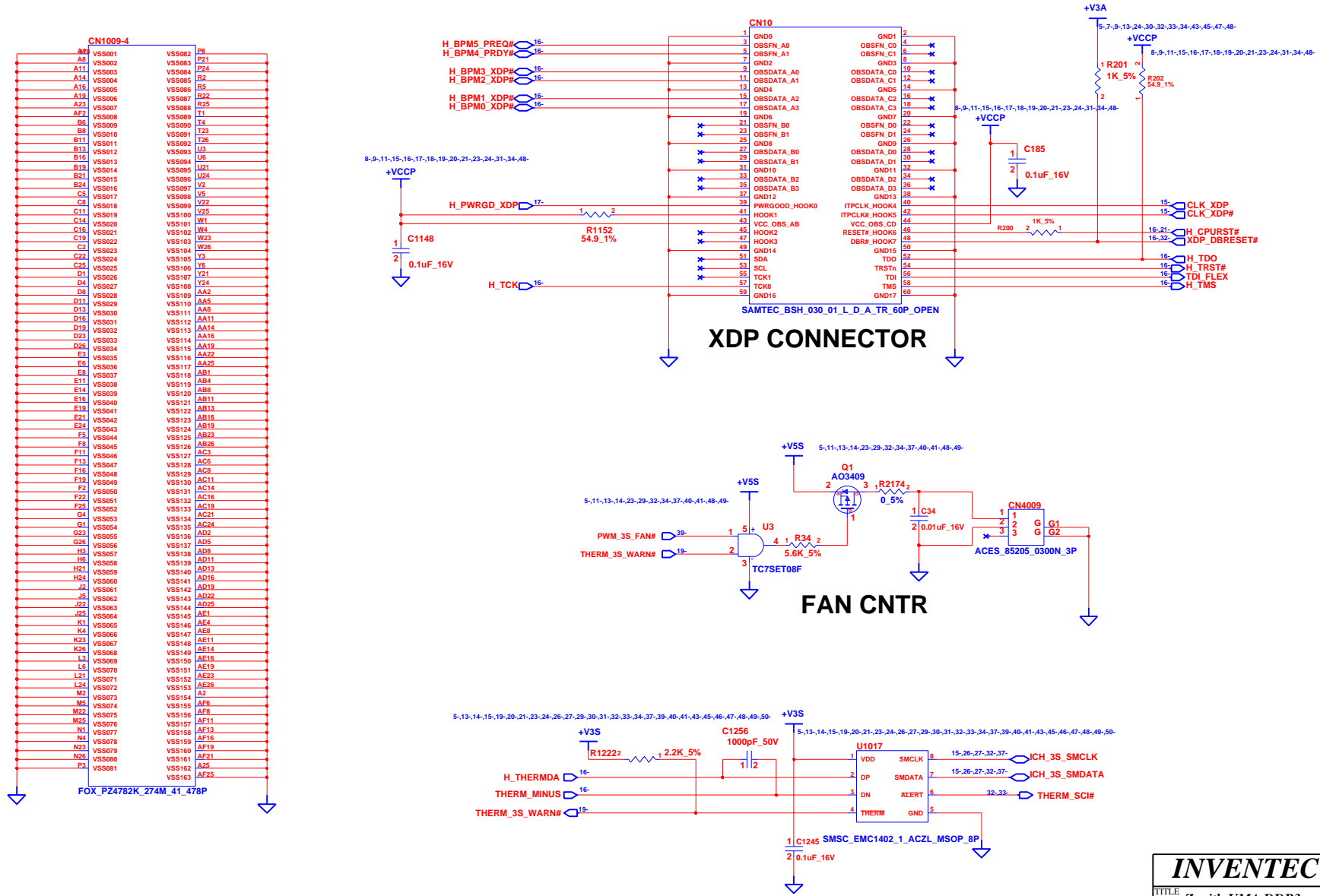
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TITLE
Zenith UMA DDR3
PENRYN-2

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawer Name* 2-Apr-2009

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INVENTEC			
TITLE: Zenith UMA DDR3 THERMAL&FAN CONTROLLER			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: AXI
SHEET: 19		OF: 52	

MA_DATA(63:0)

MB_DATA(63:0)

U1015-4

U1015-5

DDR SYSTEM MEMORY A

DDR SYSTEM MEMORY B

ITL_CANTIGA_FCBGA_1329P

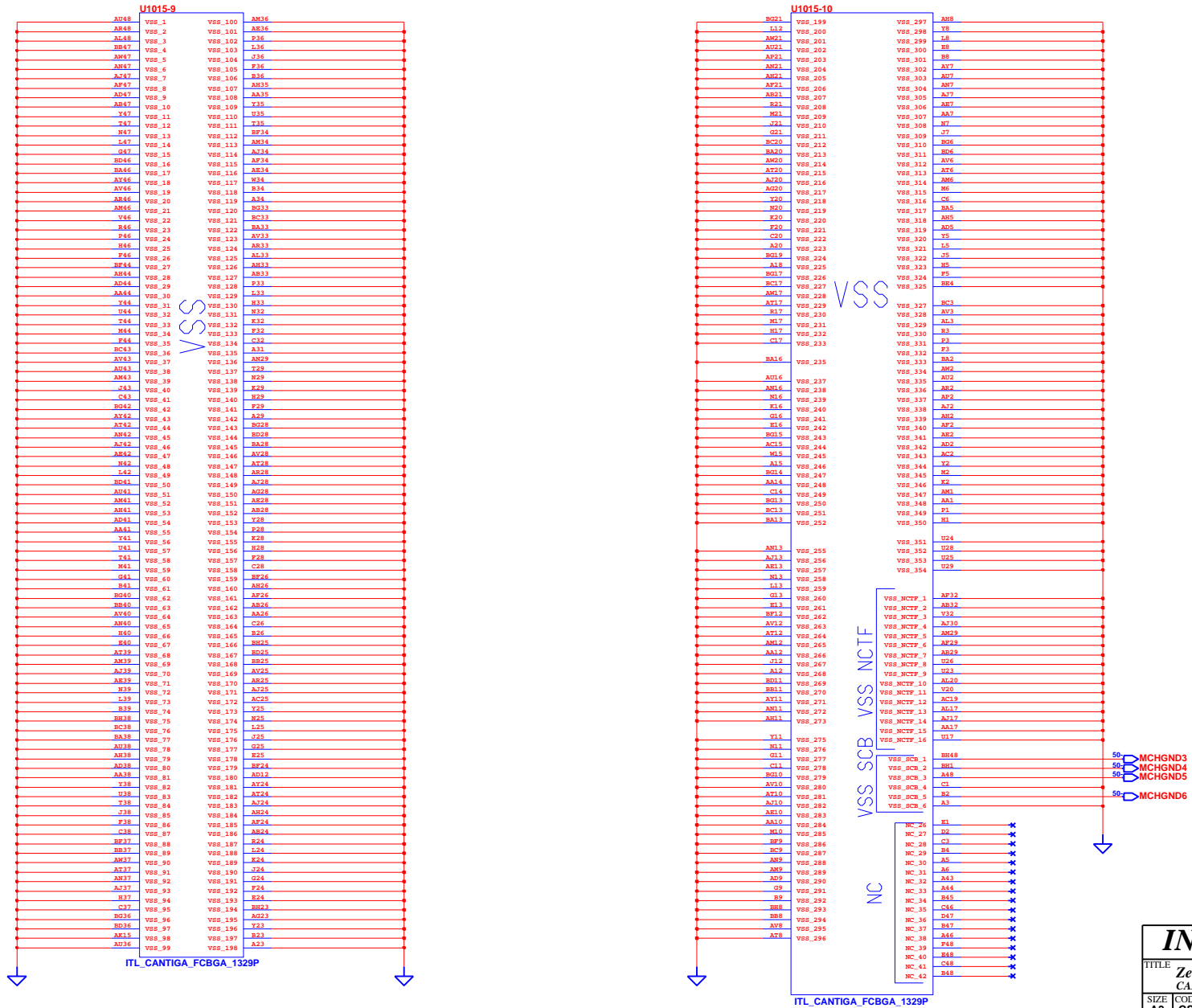
ITL_CANTIGA_FCBGA_1329P

INVENTEC

TITLE
Zenith UMA DDR3
CANTIGA-4-DDR2

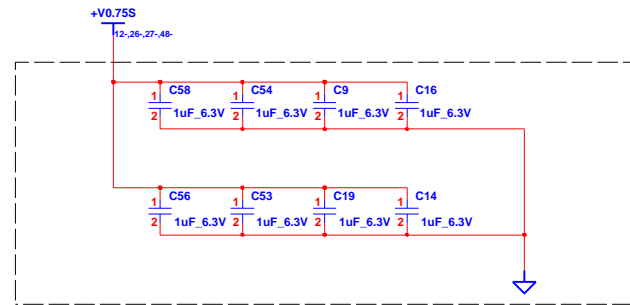
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
SHEET		22	OF 52

CHANGE by Drawer Name 2-Apr-2009



INVENTEC			
TITLE Zenith UMA DDR3 CANTIGA-7-POWER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
CHANGE by		Drawer Name	2-Apr-2009
SHEET		25	OF 52

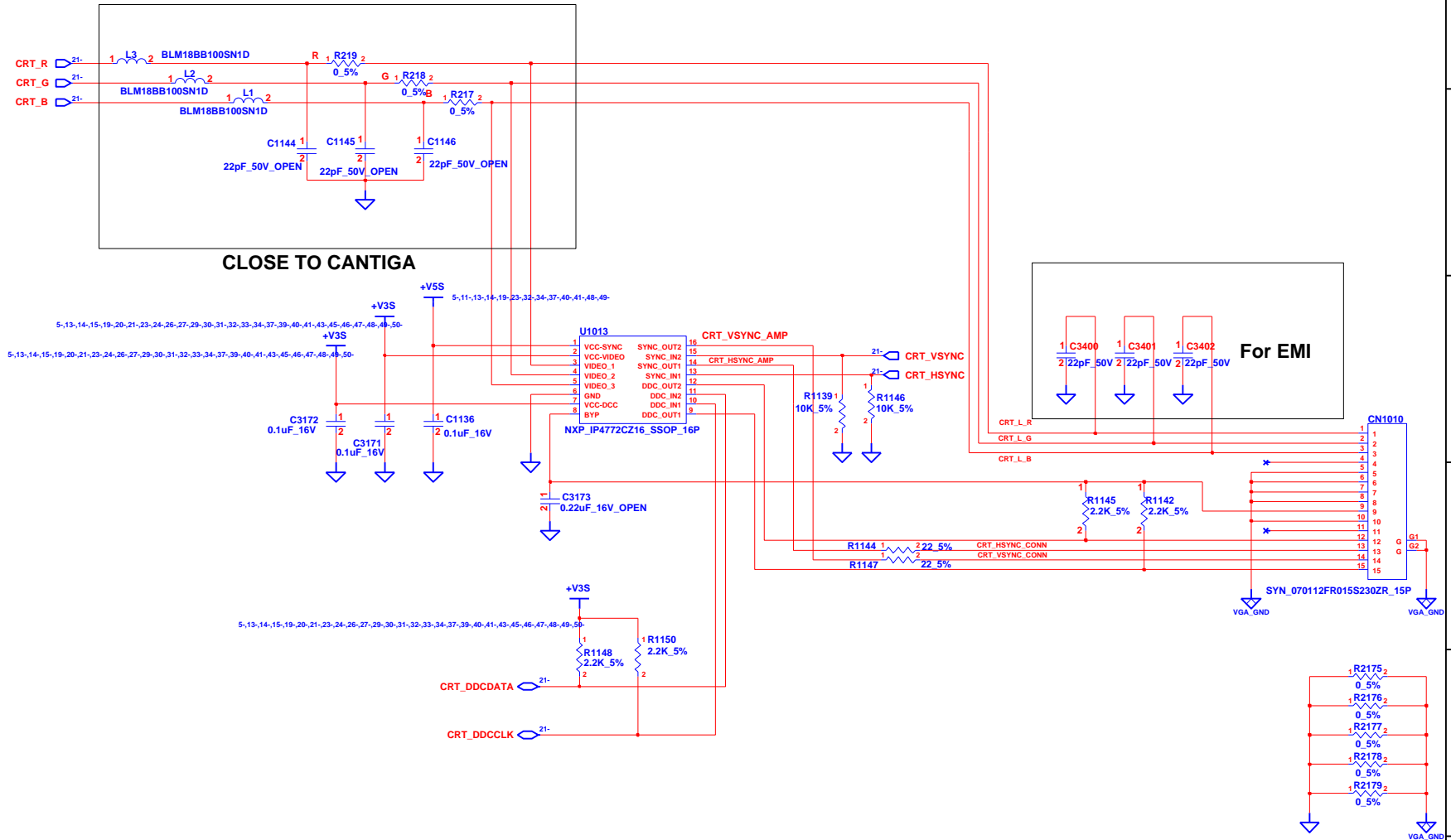
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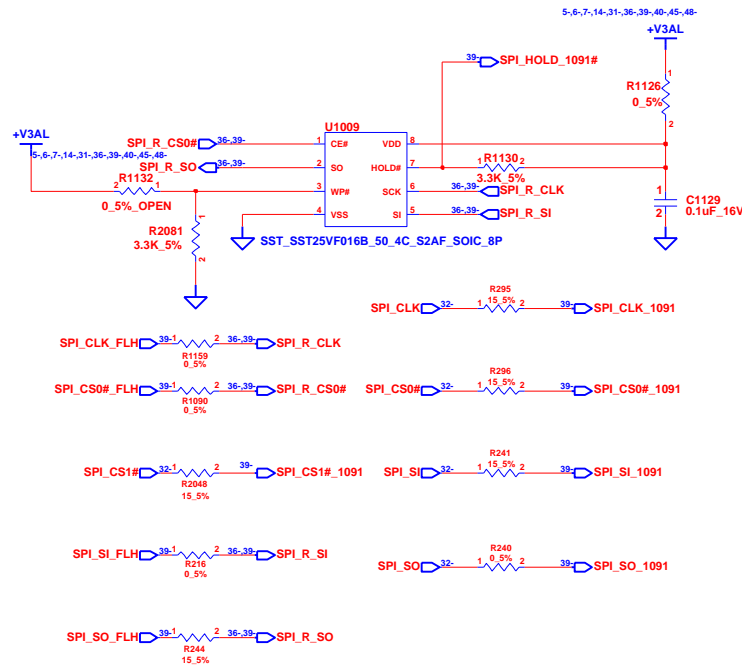
LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.75S

INVENTEC			
TITLE Zenith UMA DDR3 DDR3-DAMPING			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
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CHANGE by *Drawer Name* 27-Sep-2003

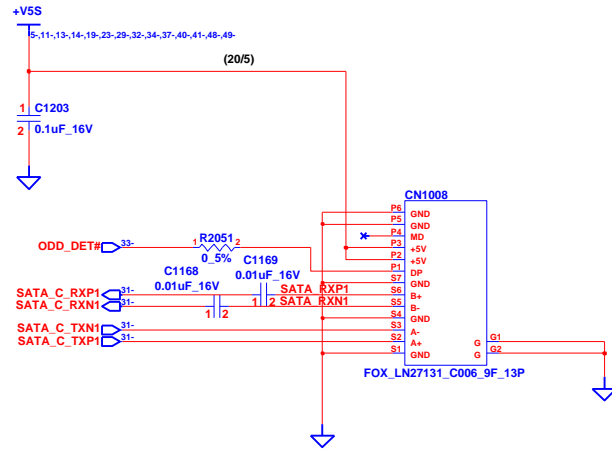


INVENTEC			
TITLE Zenith UMA DDR3 VGA CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
CHANGE by	Drawer Name	2-Apr-2009	
1	2	3	4
5	6	7	8

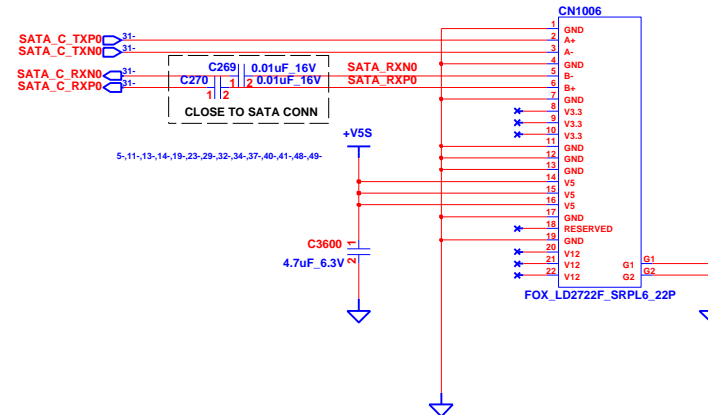


INVENTEC			
TITLE Zenith UMA DDR3 SYSTEM BIOS			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
SHEET		36	OF 52

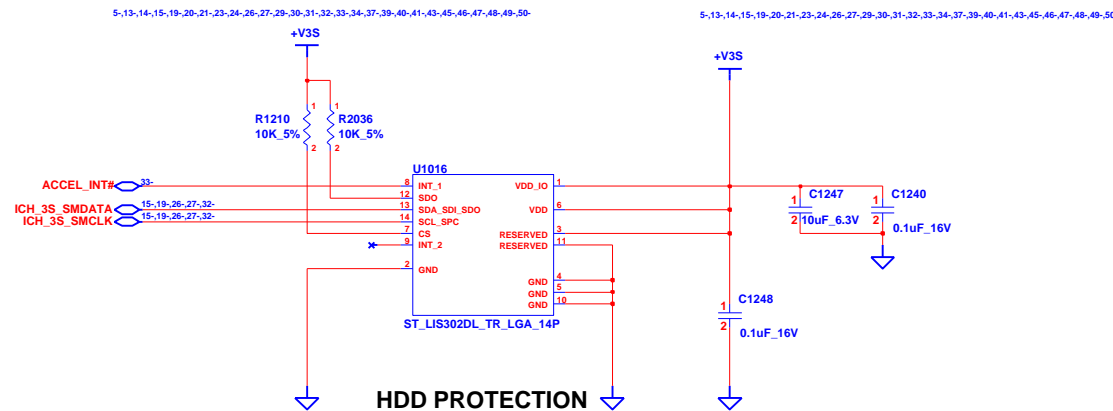
CHANGE by *Drawer Name* 2-Apr-2009



SATA ODD CNTR

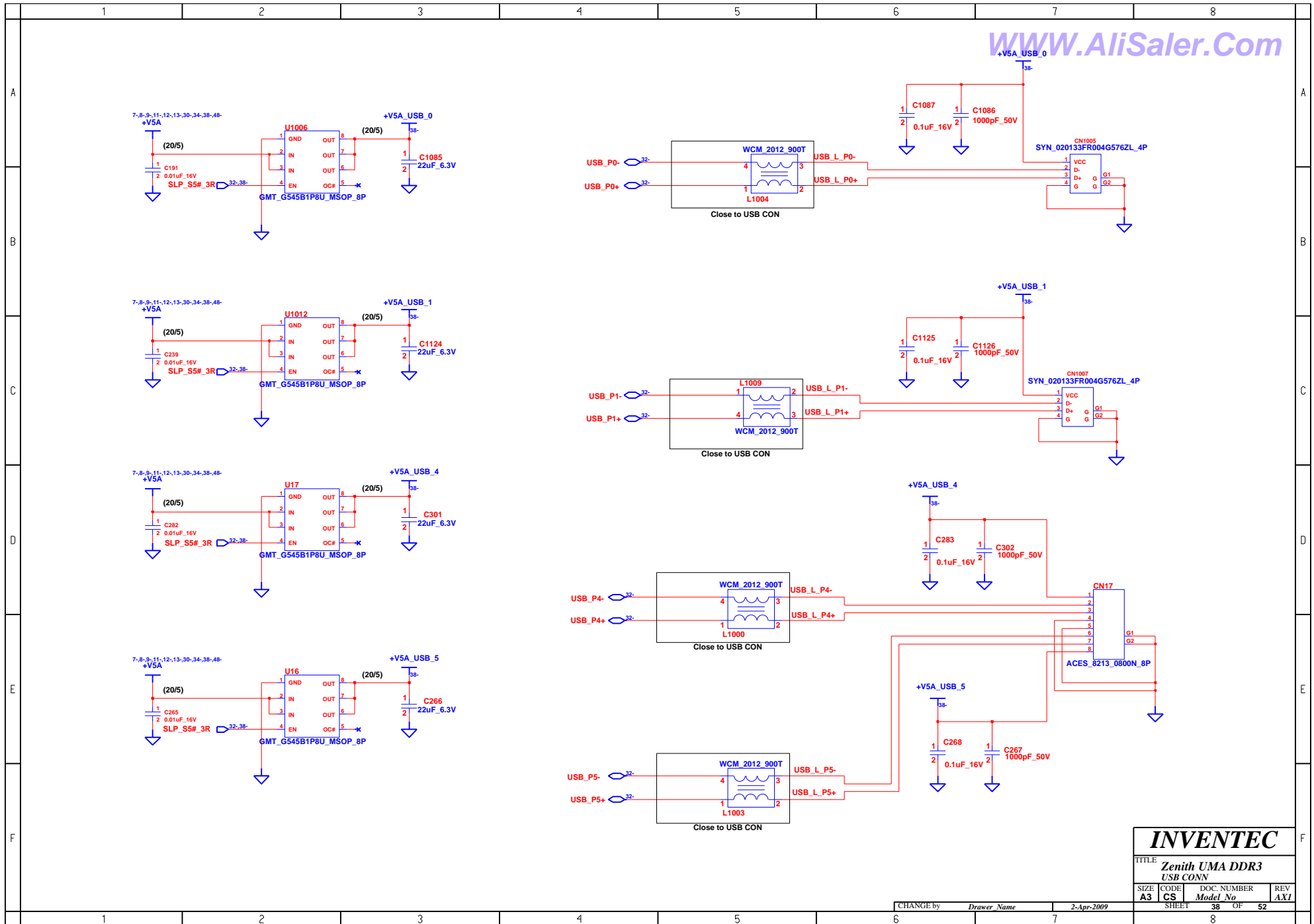


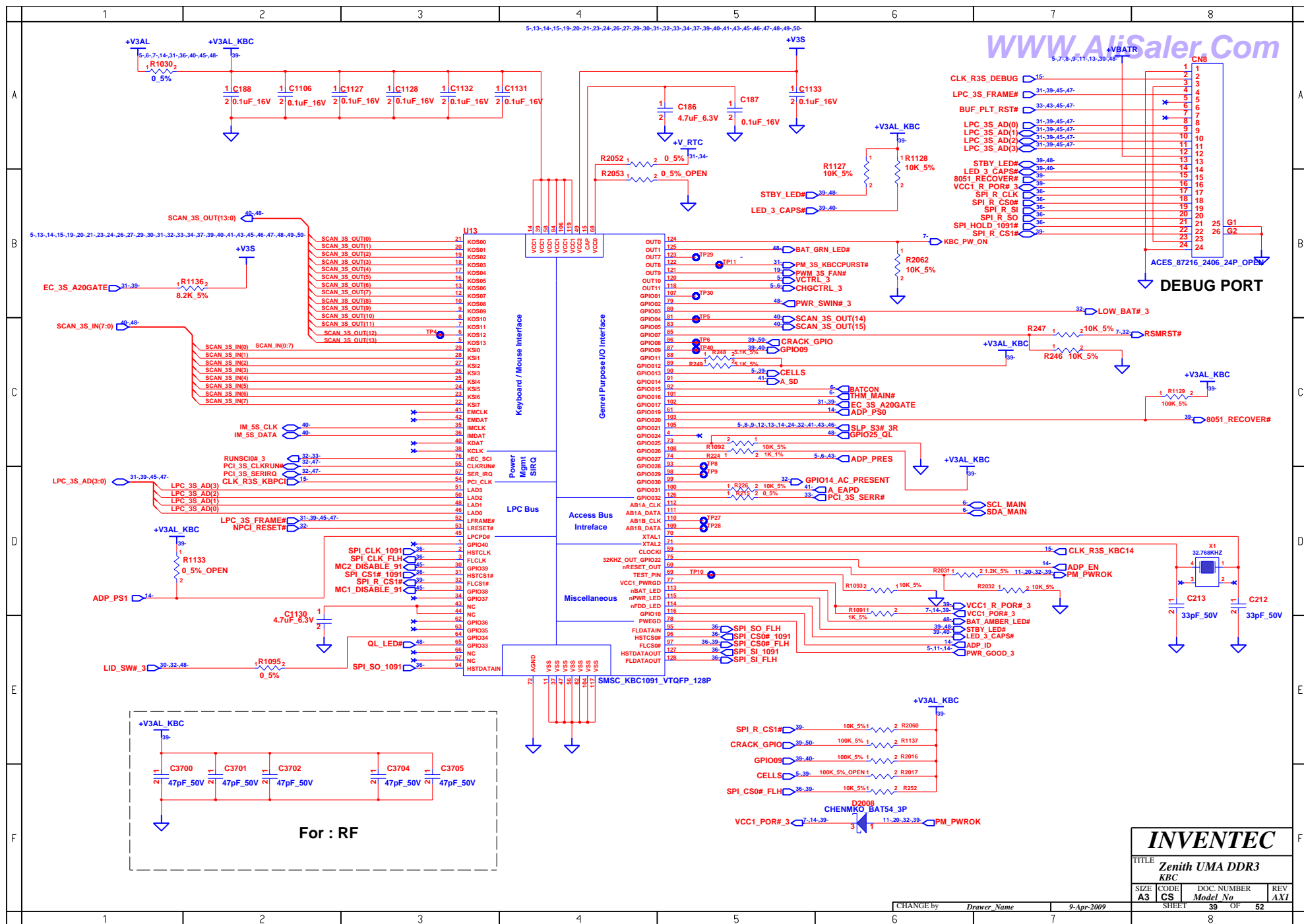
SATA HDD CNTR

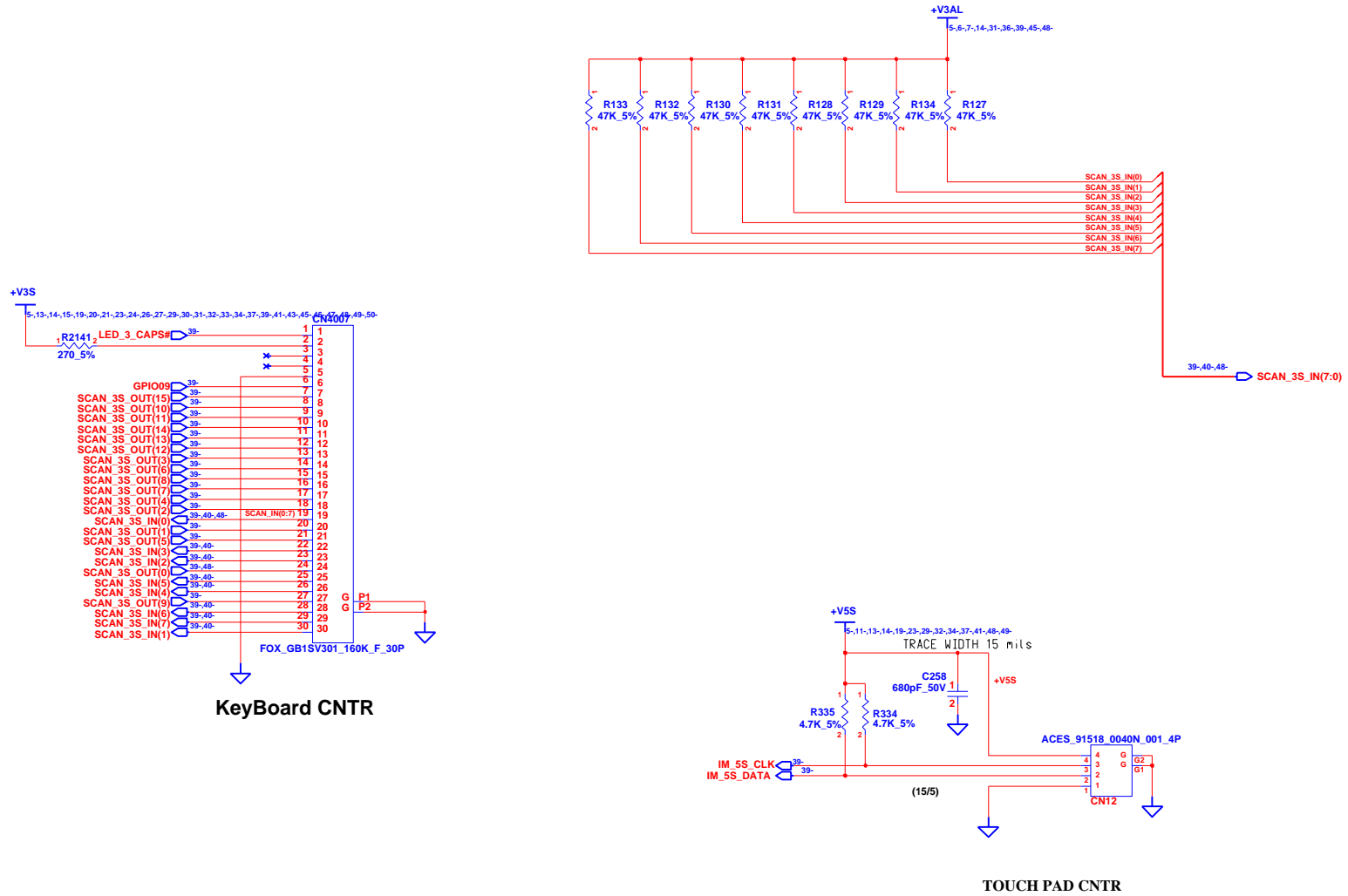


HDD PROTECTION

INVENTEC			
TITLE: Zenith UMA DDR3 HDD & ODD CNTR & HD Protec			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: AXI
CHANGE by: Drawer Name		2-Apr-2009	
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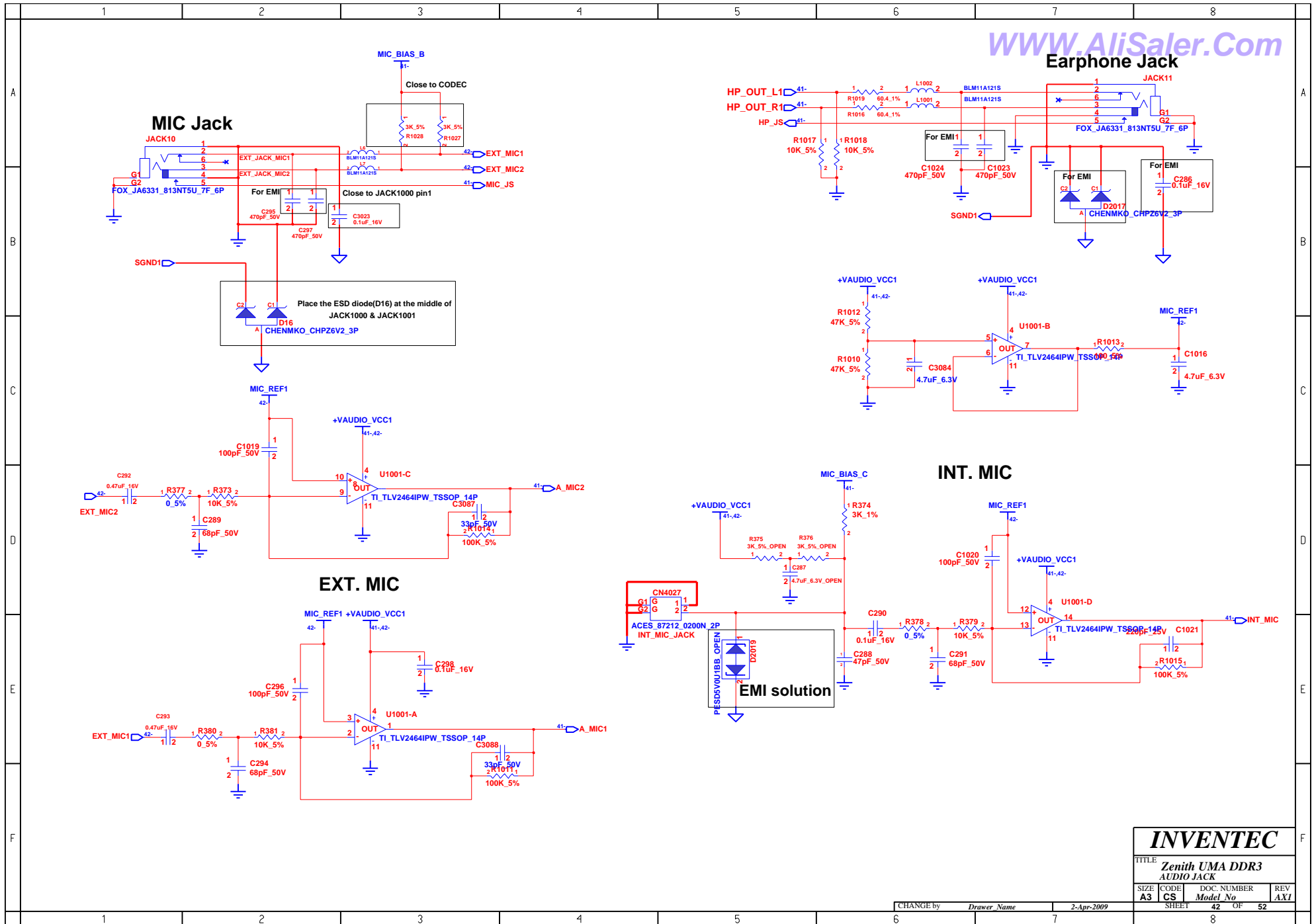


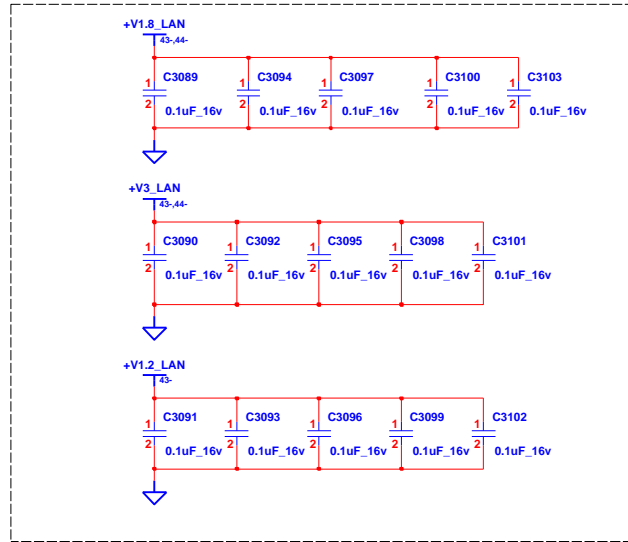




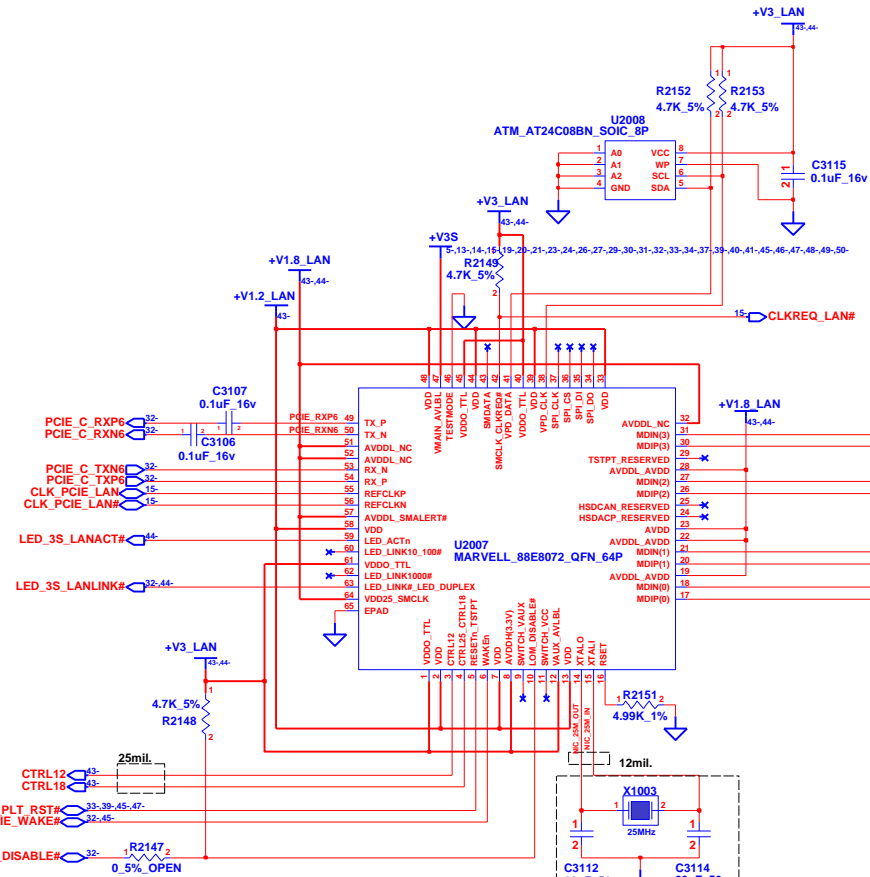
INVENTEC			
TITLE Zenith UMA DDR3 KB & TP CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
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CHANGE by *Drawer Name* 2-Apr-2009

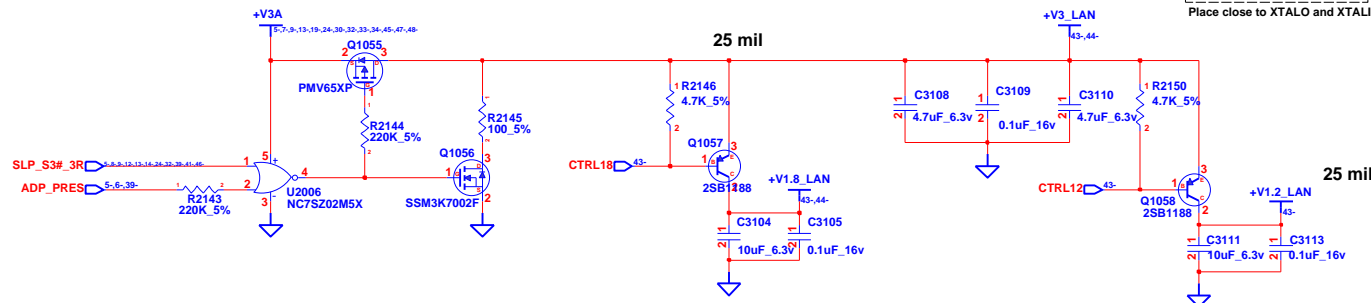




Place bypass cap as close as possible with every power pin.



Place close to XTALO and XTALI.



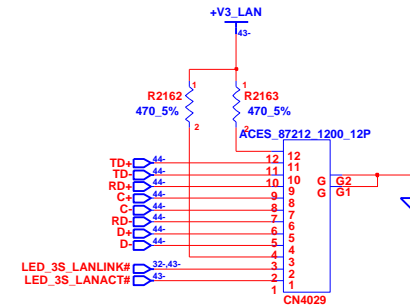
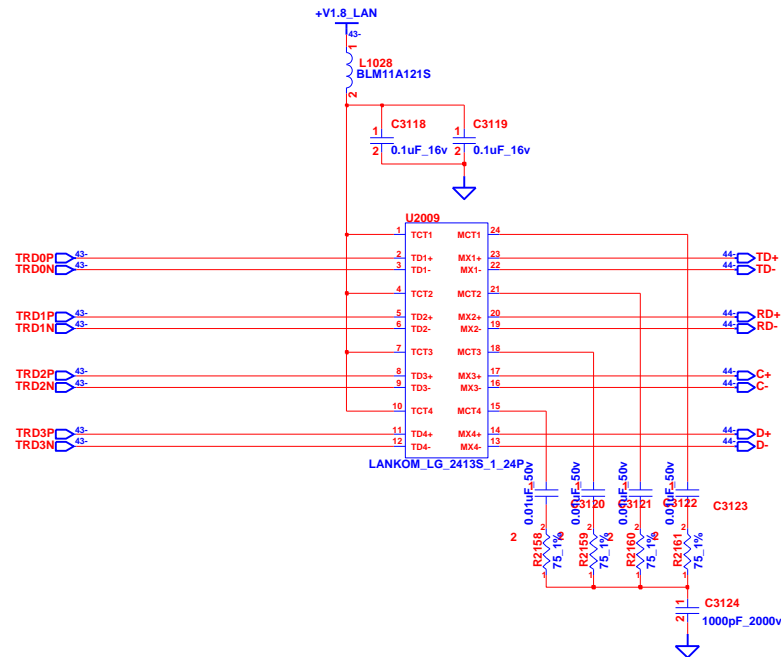
INVENTEC

TITLE
**Zenith UMA DDR3
Giga LAN**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawer Name* 2-Apr-2009

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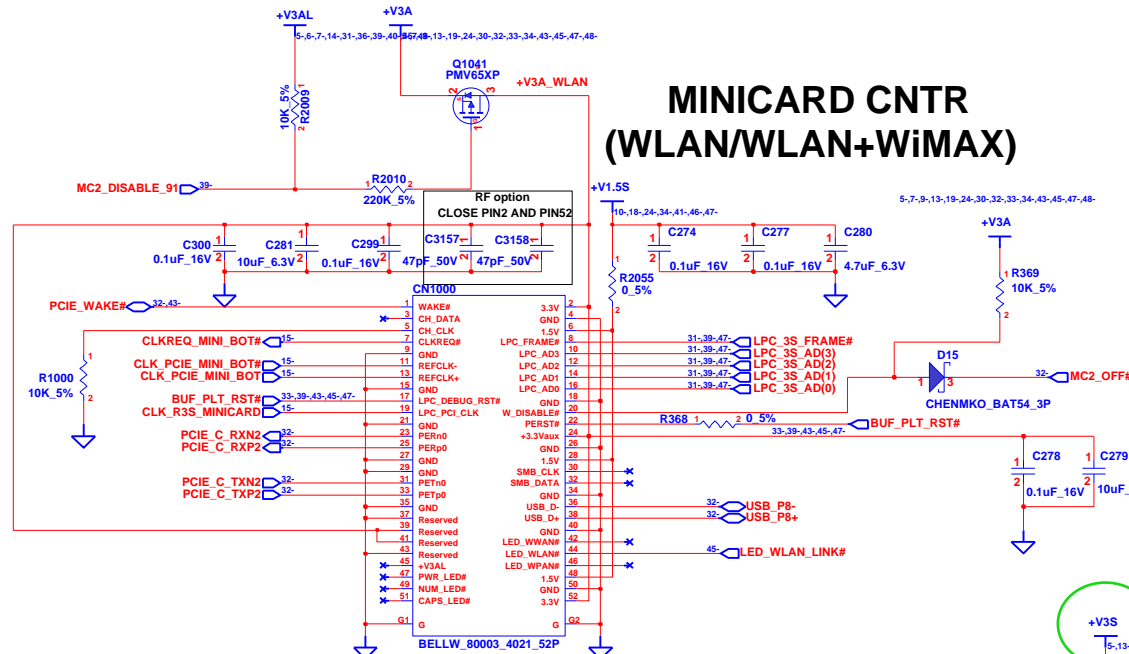


INVENTEC

TITLE			
Zenith UMA DDR3			
RJ-45 CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
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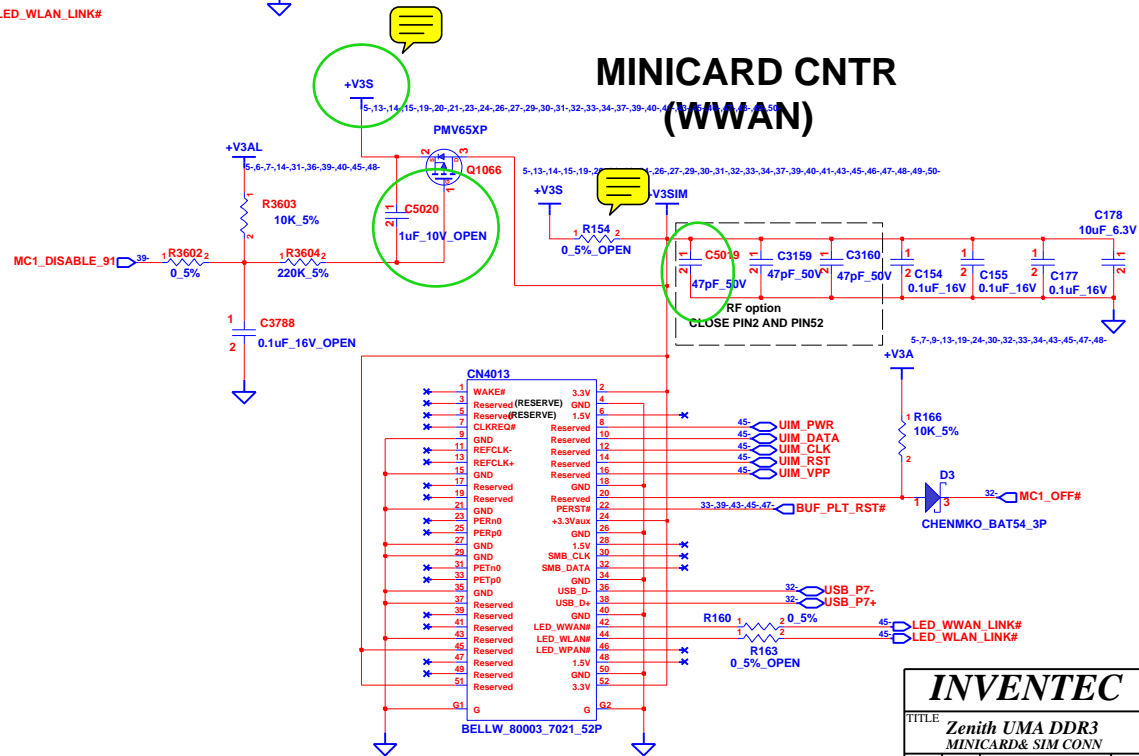
CHANGE by: *Drawer Name* 2-Apr-2009

MINICARD CNTR (WLAN/WLAN+WiMAX)

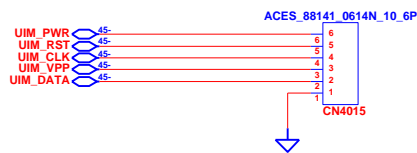


WLAN_Bluetooth LED

MINICARD CNTR (WWAN)

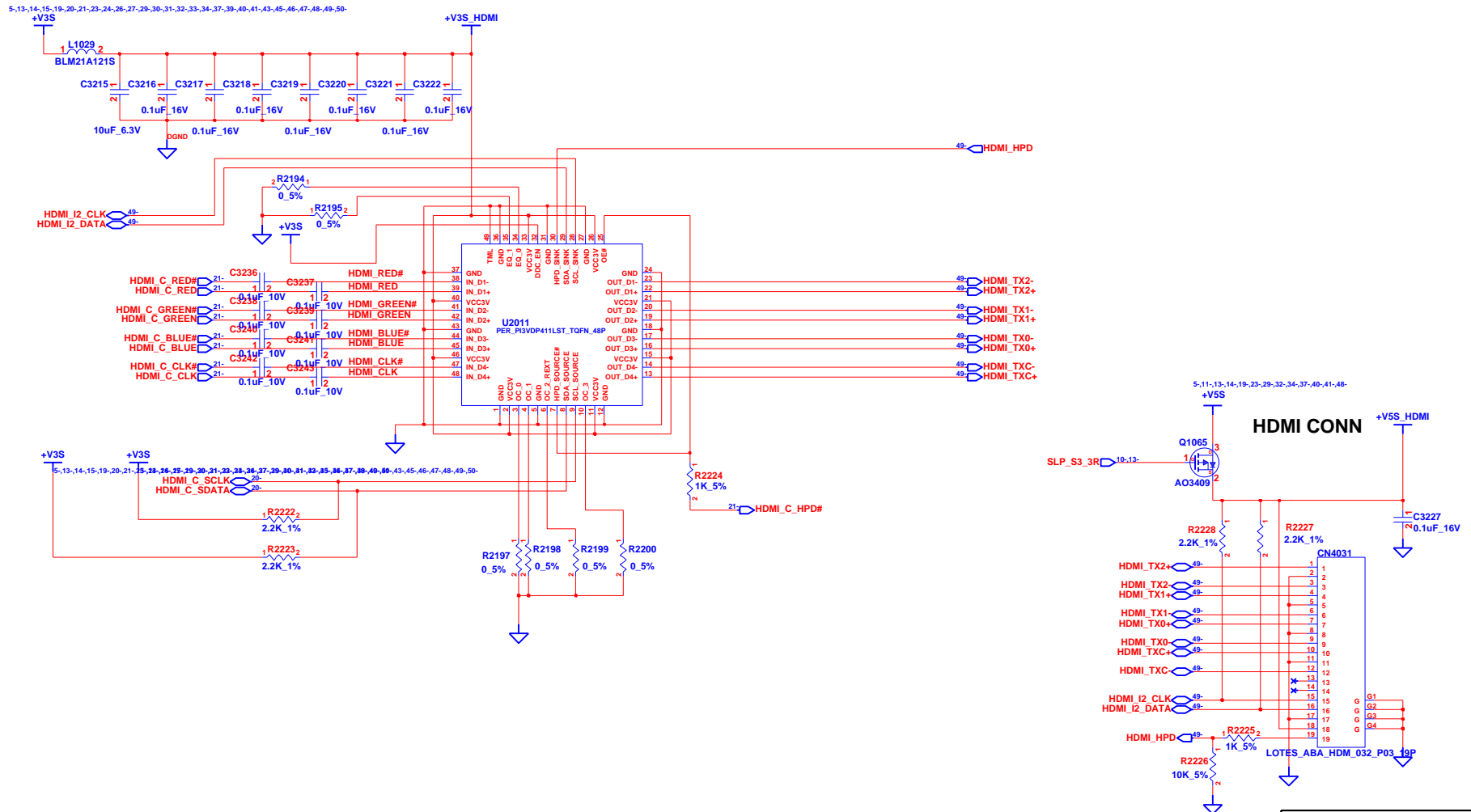


SIMCARD CNTR



INVENTEC

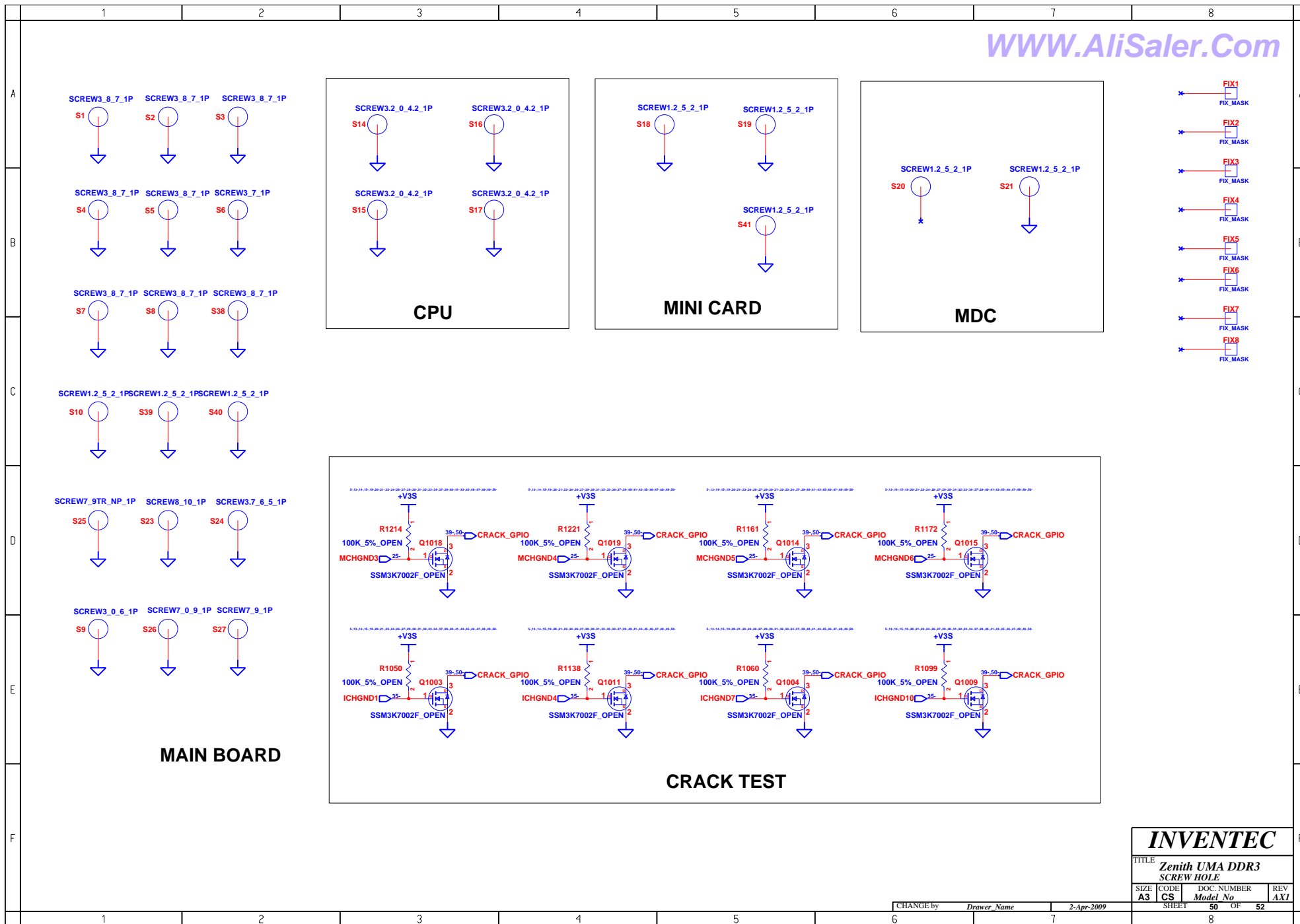
TITLE Zenith UMA DDR3 MINICARD& SIM CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
CHANGE by Drawer Name		25-May-2009	
SHEET 45		OF 52	

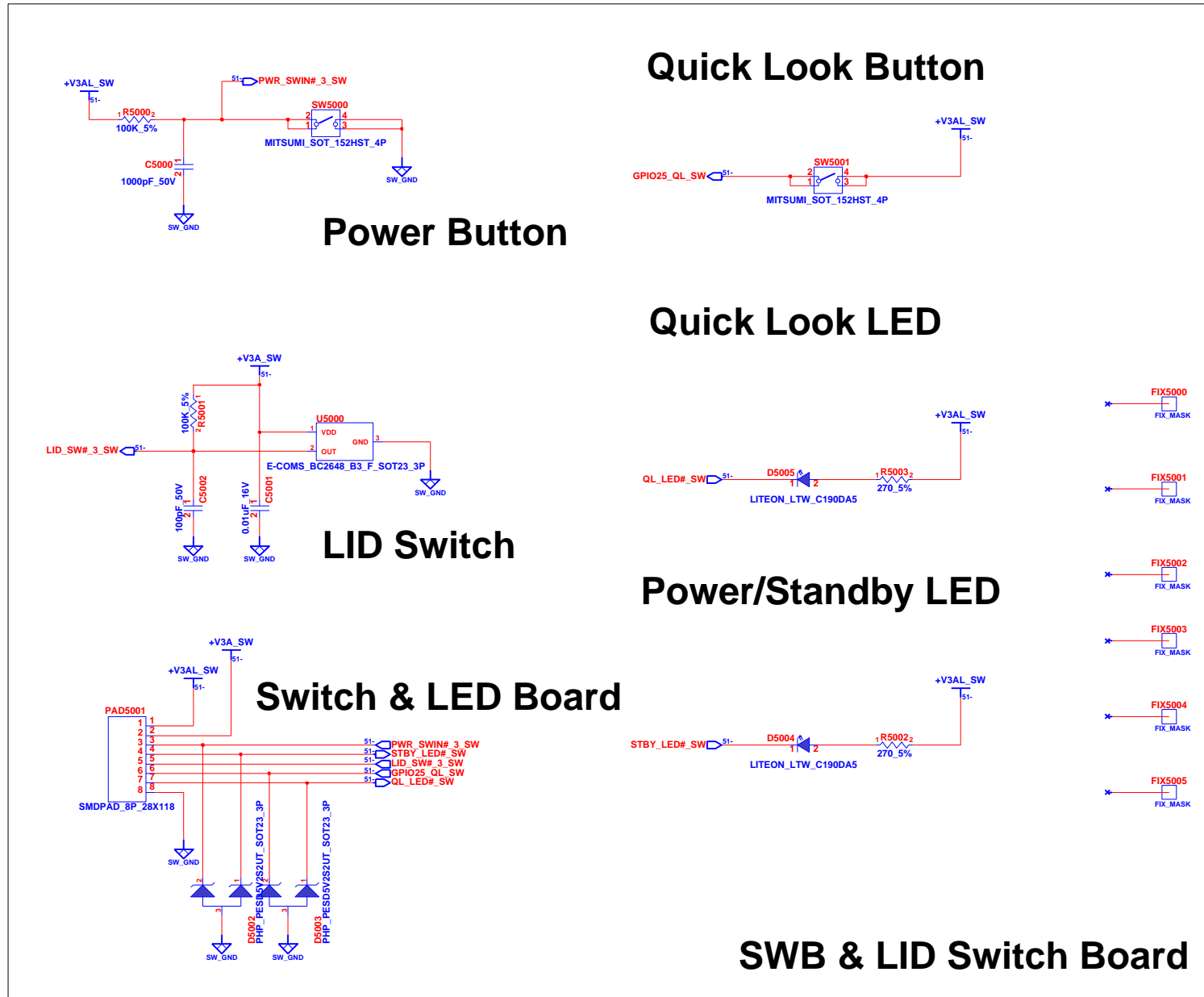


INVENTEC

TITLE			
Zenith UMA DDR3			
HDMI CONN & LEVEL SHIFT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
SHEET		49	OF 52

CHANGE by *Drawer Name* 2-Apr-2009





FIX5000
FIX_MASK

FIX5001
FIX_MASK

FIX5002
FIX_MASK

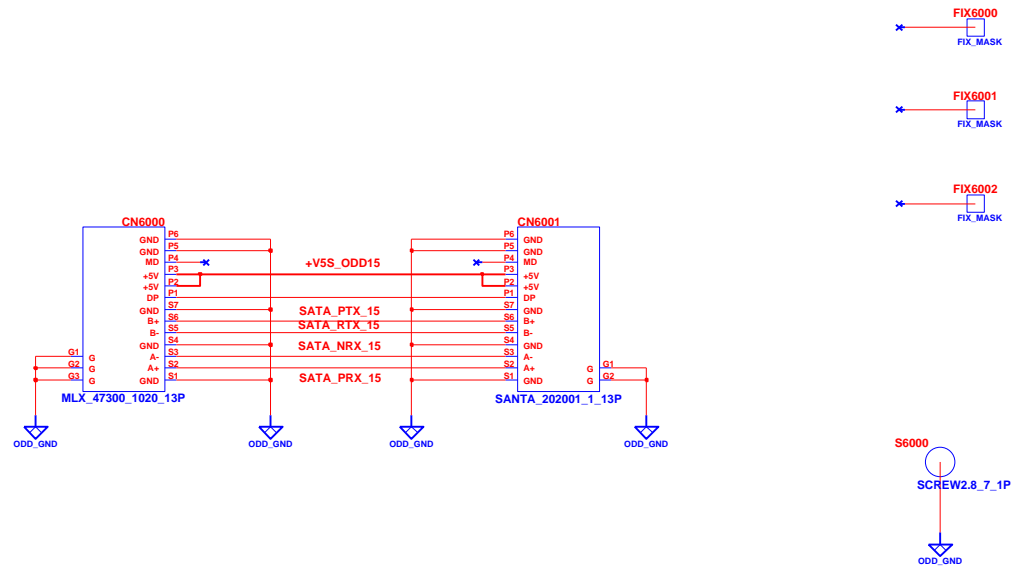
FIX5003
FIX_MASK

FIX5004
FIX_MASK

FIX5005
FIX_MASK

INVENTEC			
TITLE: Zenith UMA DDR3 SWB & LID Switch			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: AXI
SHEET: 51		OF: 52	

CHANGE by: Drawer Name 2-Apr-2009



15" ODD Extend Board

INVENTEC			
TITLE			
Zenith UMA DDR3 ODD Extend Board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
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CHANGE by *Drawer Name* 2-Apr-2009