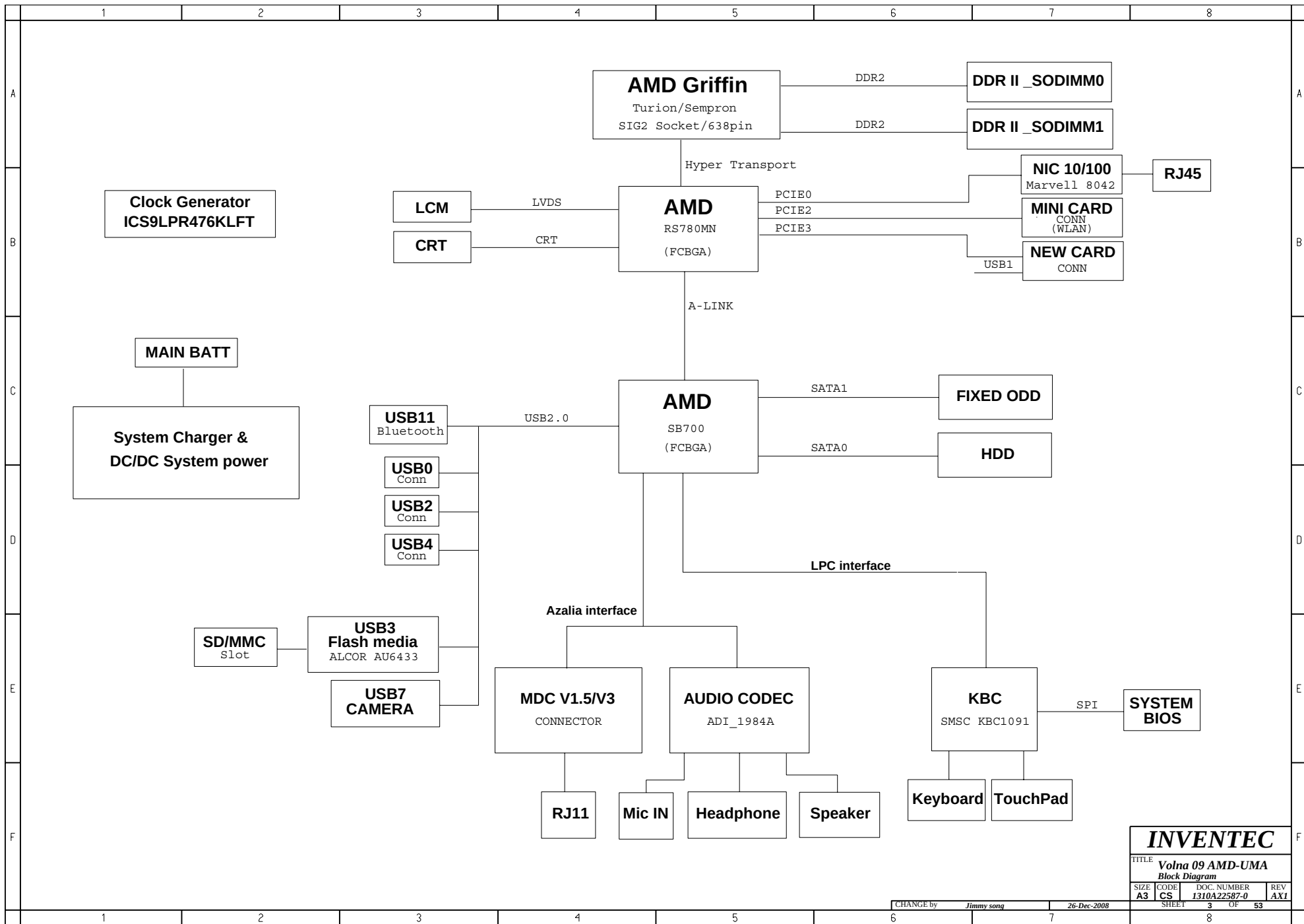


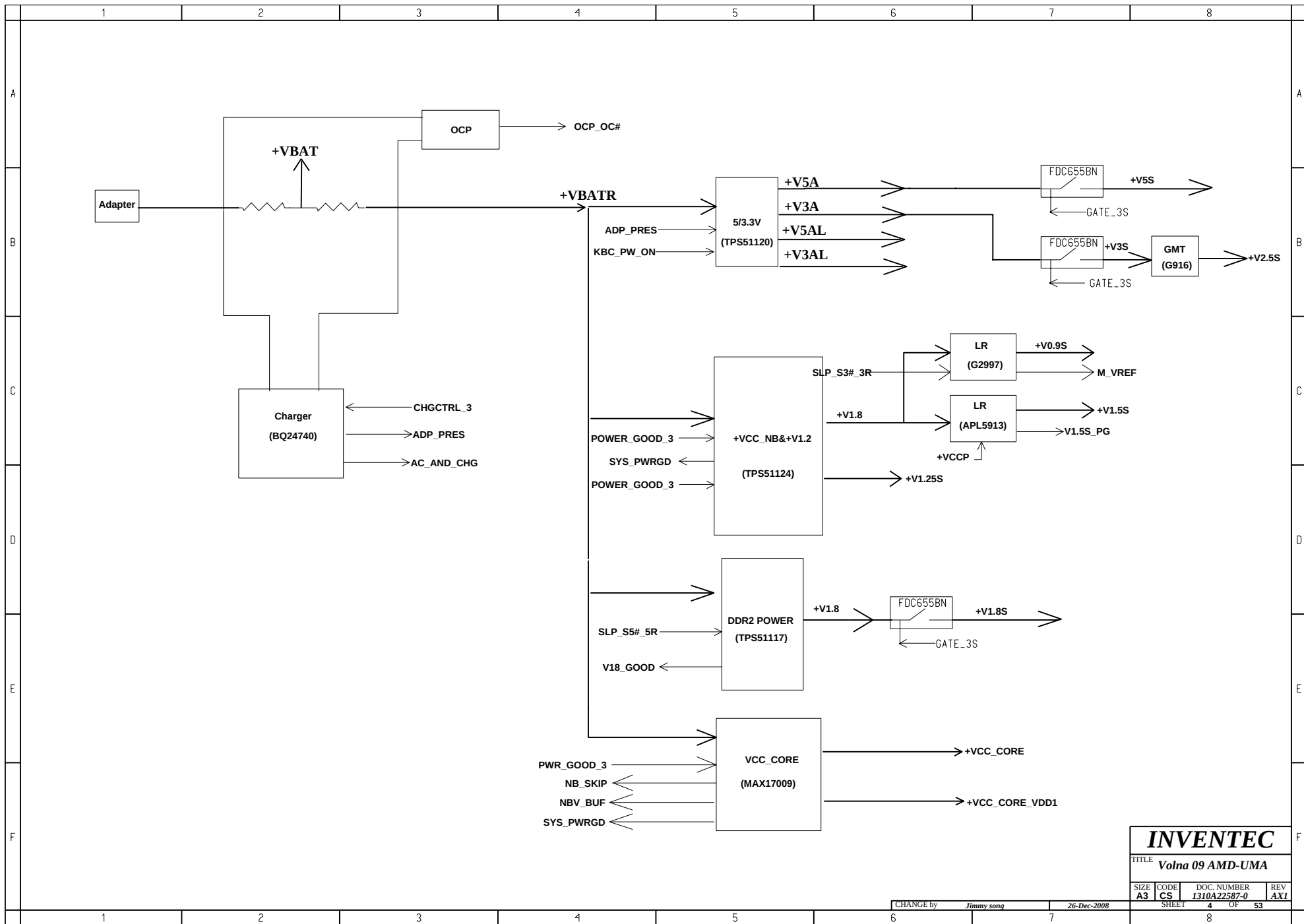
2008/12/26

DRAWER		EE	DATE	POWER	DATE	INVENTEC TITLE Volna 09 AMD-UMA		
DESIGN								
CHECK								
RESPONSIBLE								
SIZE = 3				VER :		SIZE CODE	DOC. NUMBER	REV
FILE NAME : XXXX-XXXXXX-XX						A3 CS	1310A22587-0	AXI
P/N 1 XXXXXXXXXXXXX						SHEET 1	OF 53	

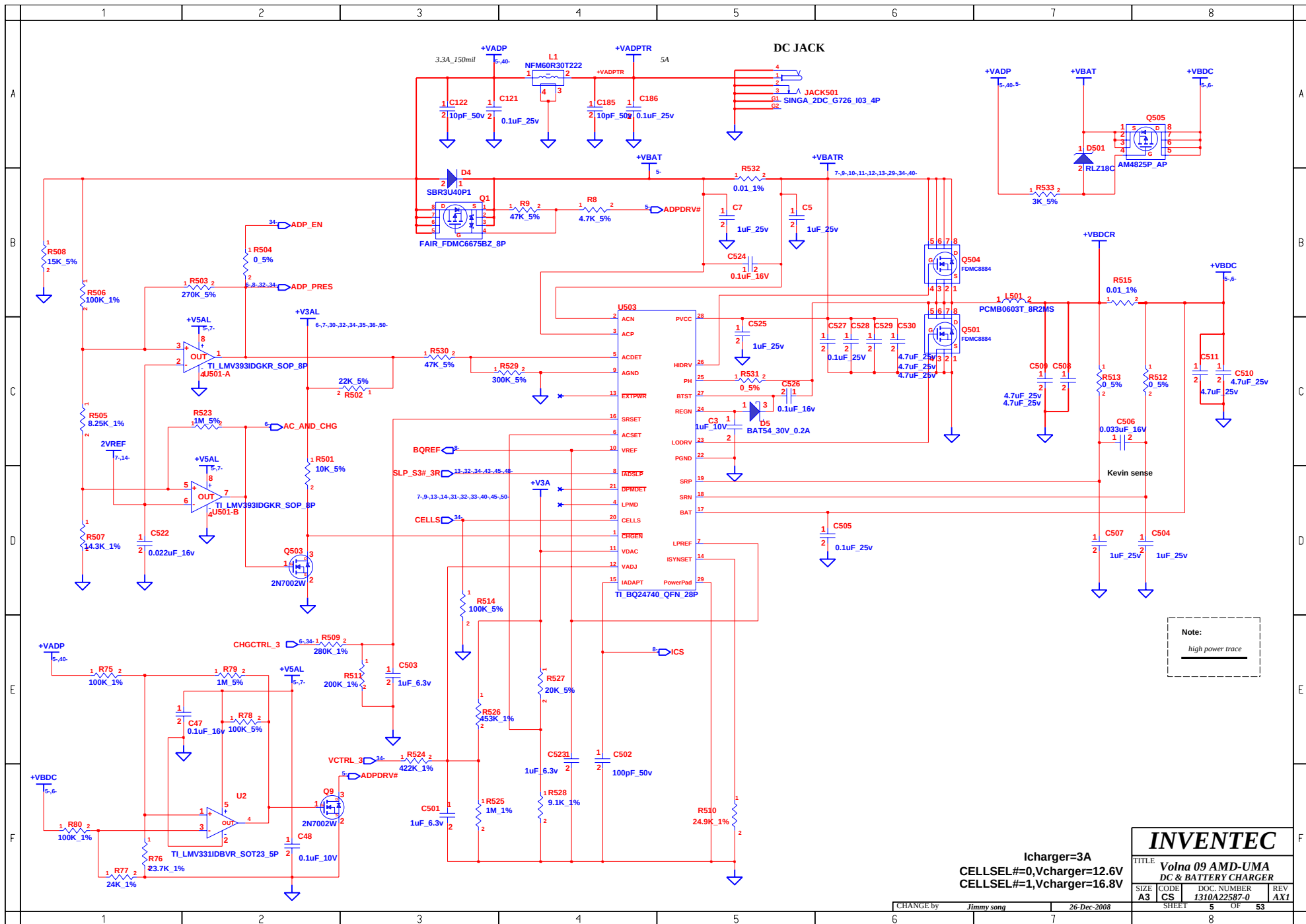
	1	2	3	4	5	6	7	8	
A	TABLE OF CONTENTS								A
B	PAGE			PAGE			PAGE		B
	5- DC& BATTERY CHARGER			15- CLOCK_GENERATOR			35- KB & TP CONN		
	6- SELECT & BATTERY CONN			16- CPU-1			36- SPI		
	7- +V5A,+V3A & +V2.5S			17- CPU-2			37- HDD & ODD CONN		
	8- OCP			18- CPU-3			38- USB CONN		
	9- +VCC_NB & +V1.2A			19- CPU-4			39- USB WEBCAM CONN		
C	10- +VCC_CORE			20- THERMAL&FAN CONTROLLER			40- EMI		C
	11- POWER			21- RS780MN-1			41- AZALIA CODEC		
	12- DDR2 POWER			22- RS780MN-2			42- Earphone & MIC JACK		
	13- POWER(SLEEP)			23- RS780MN-3			43- AUDIO AMP & HP JACK		
	14- POWER(SEQUENCE)			24- RS780MN-4			44- MDC CNTR		
D				25- DDR2-DIMM0			45- NIC 10/100- CONTROLLER		D
				26- DDR2-DIMM1			46- NIC 10/100- RJ45 CONN		
				27- DDR2-DAMPING			47- MINICARD & BT CONN		
				28- CRT			48- EXPRESS CARD		
E				29- LCD CONN			49- FLASH MEDIA CARD		E
				30- SB700-1			50- BUTTON & LED		
				31- SB700-2			51- SCREW		
				32- SB700-3			52- ODD Extention Board		
				33- SB700-4			53- SWITCH Board		
				34- KBC					
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE Volna 09 AMD-UMA			
Table OF Content			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22587-0	AX1
CHANGE by <i>Jimmy song</i>		26-Dec-2008	
SHEET		2	OF 53





INVENTEC			
TITLE Volna 09 AMD-UMA			
SIZE A3	CODE CS	DOC. NUMBER 1310A22587-0	REV AX1
CHANGE by Jimmy song		26-Dec-2008	
SHEET 4		OF 53	



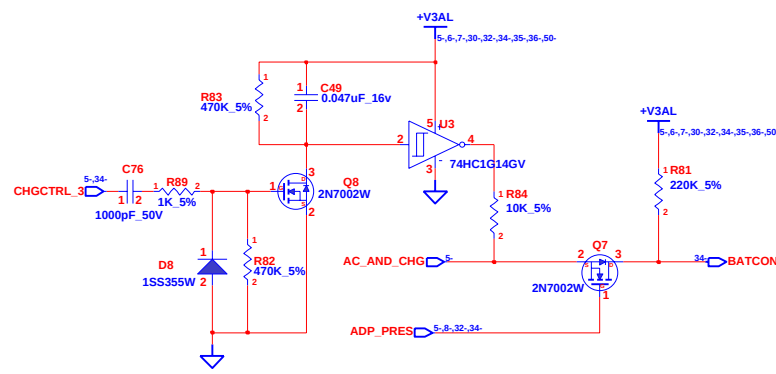
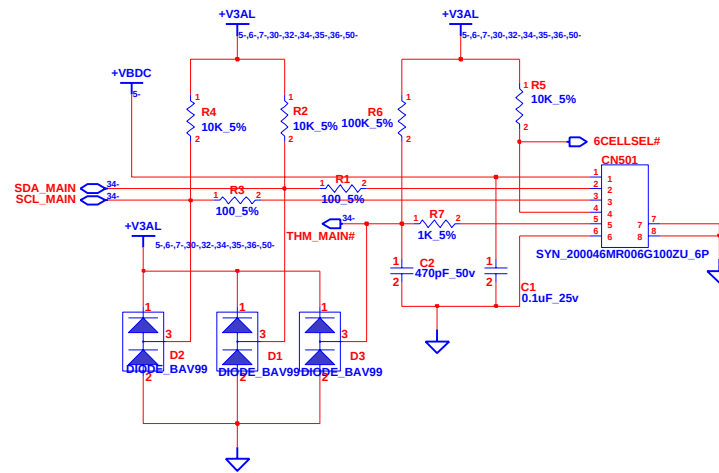
INVENTEC

TITLE: Volna 09 AMD-UMA
DC & BATTERY CHARGER

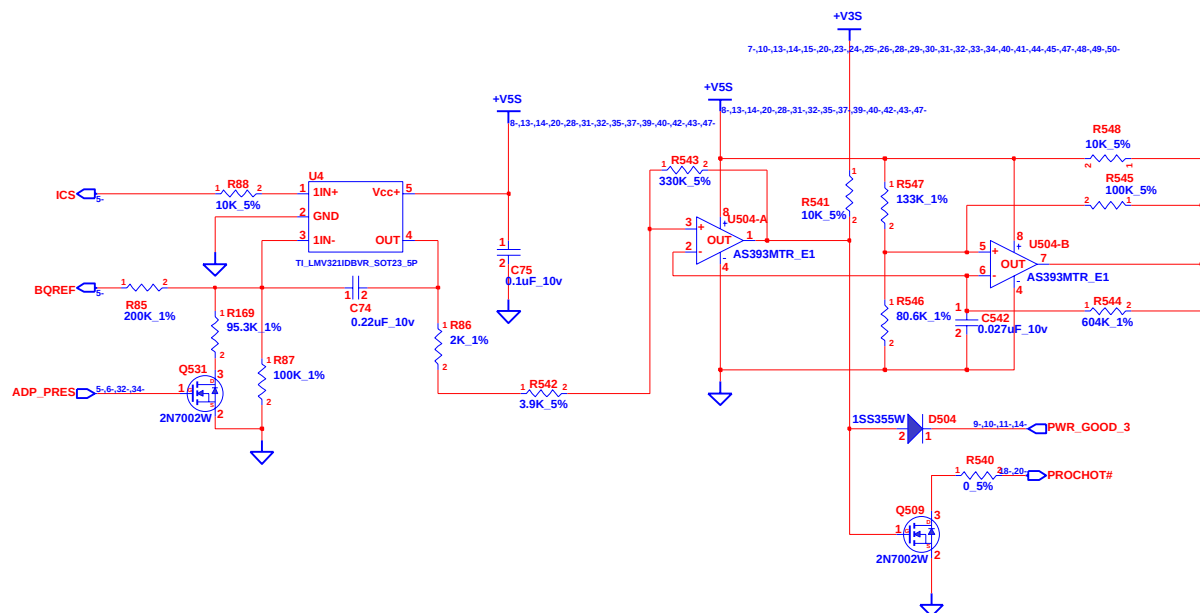
SIZE: A3 CODE: CS DOC. NUMBER: I310A22587-0 REV: AX1

CHANGE by: Jimmy song 26-Dec-2008

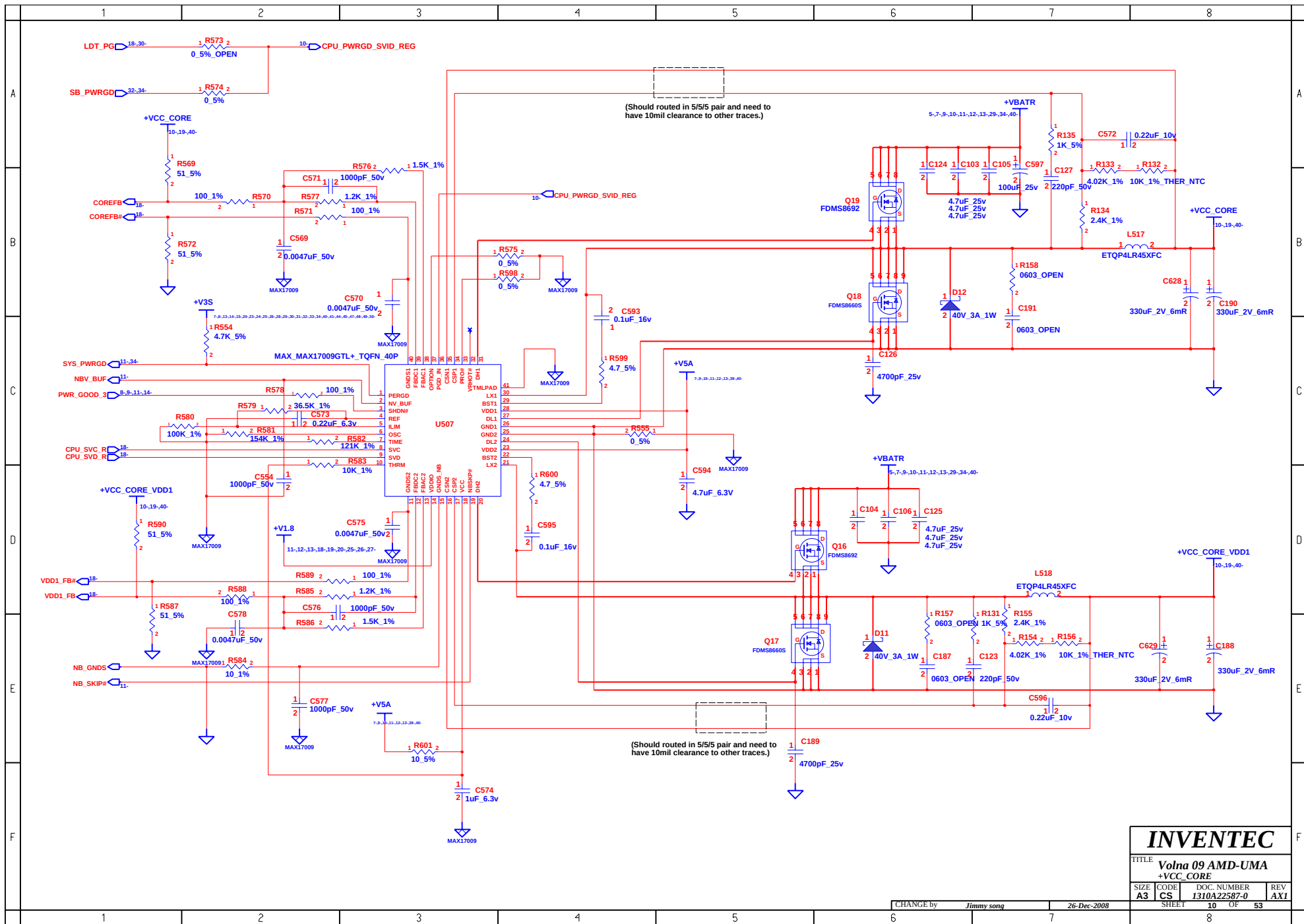
SHEET: 5 OF 53



INVENTEC			
TITLE Volna 09 AMD-UMA SELECT & BATTERY CONN			
SIZE A3	CODE CS	DOC. NUMBER I310A22587-0	REV AX1
CHANGE by Jimmy song		26-Dec-2008	
SHEET 6		OF 53	
1		8	



INVENTEC			
TITLE Volna 09 AMD-UMA OCP			
SIZE A3	CODE CS	DOC. NUMBER 1310A22587-0	REV AX1
CHANGE by Jimmy song		26-Dec-2008	SHEET 8 OF 53



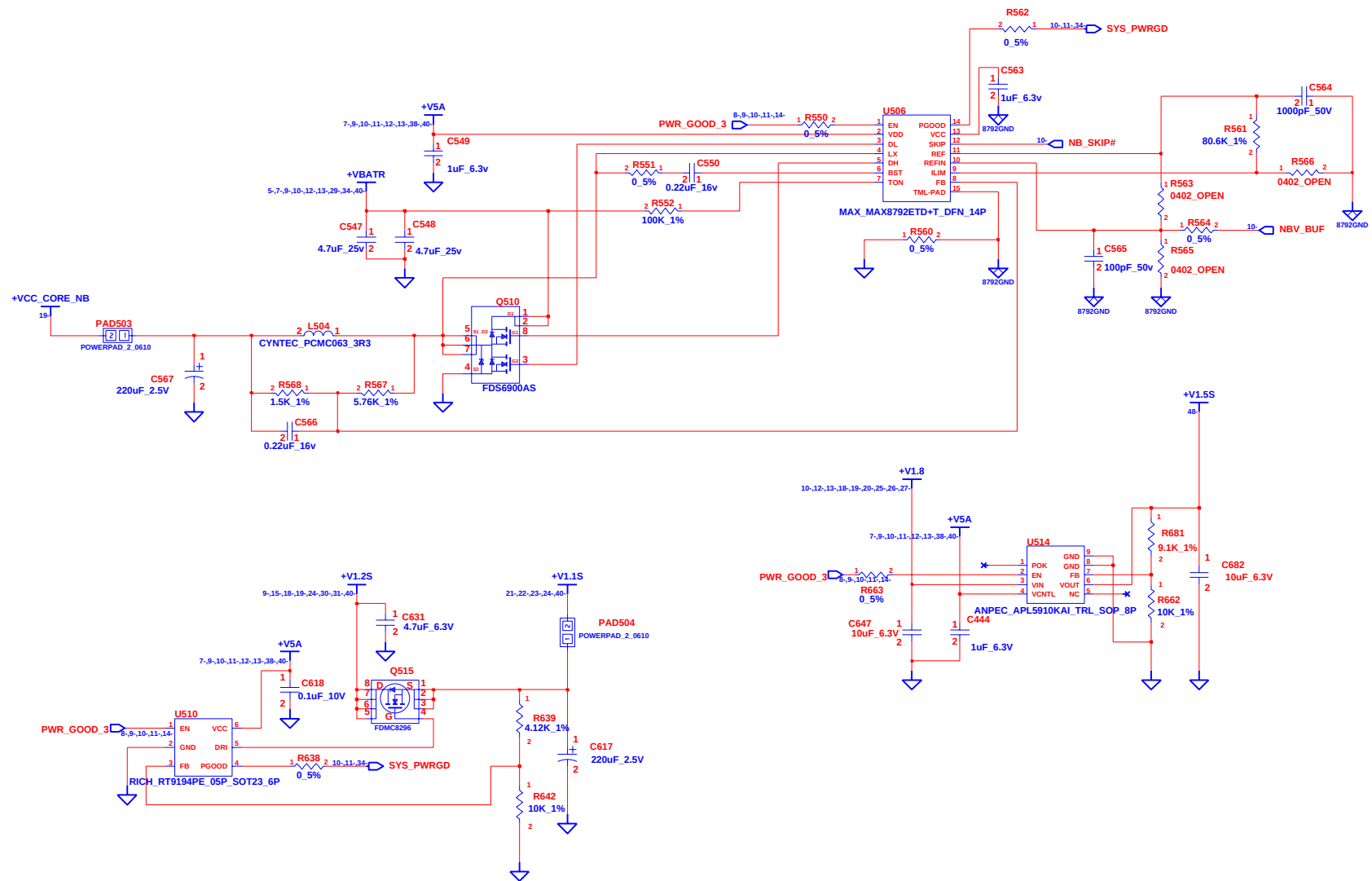
INVENTEC

TITLE
Volna 09 AMD-UMA
+VCC_CORE

SIZE CODE DOC. NUMBER REV
A3 CS I310A22587-0 AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 10 OF 53



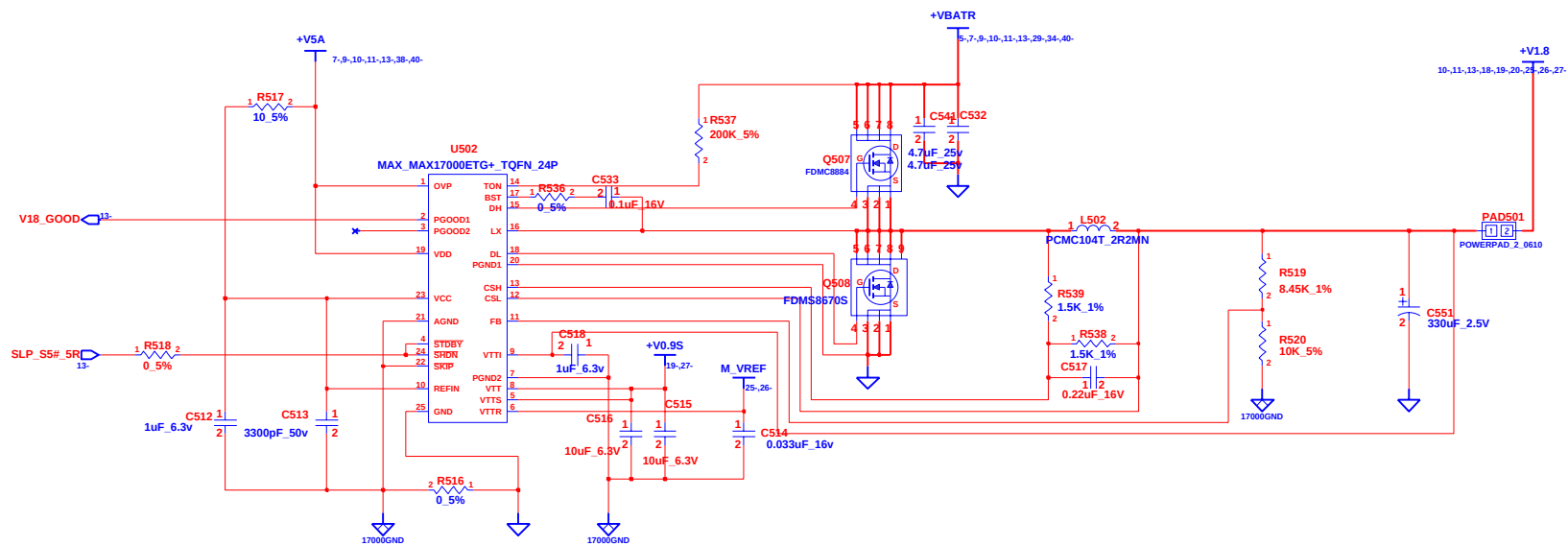
INVENTEC

TITLE
Volna 09 AMD-UMA
POWER

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A22587-0	AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 11 OF 53



NOTE: DDR2 REGULATOR

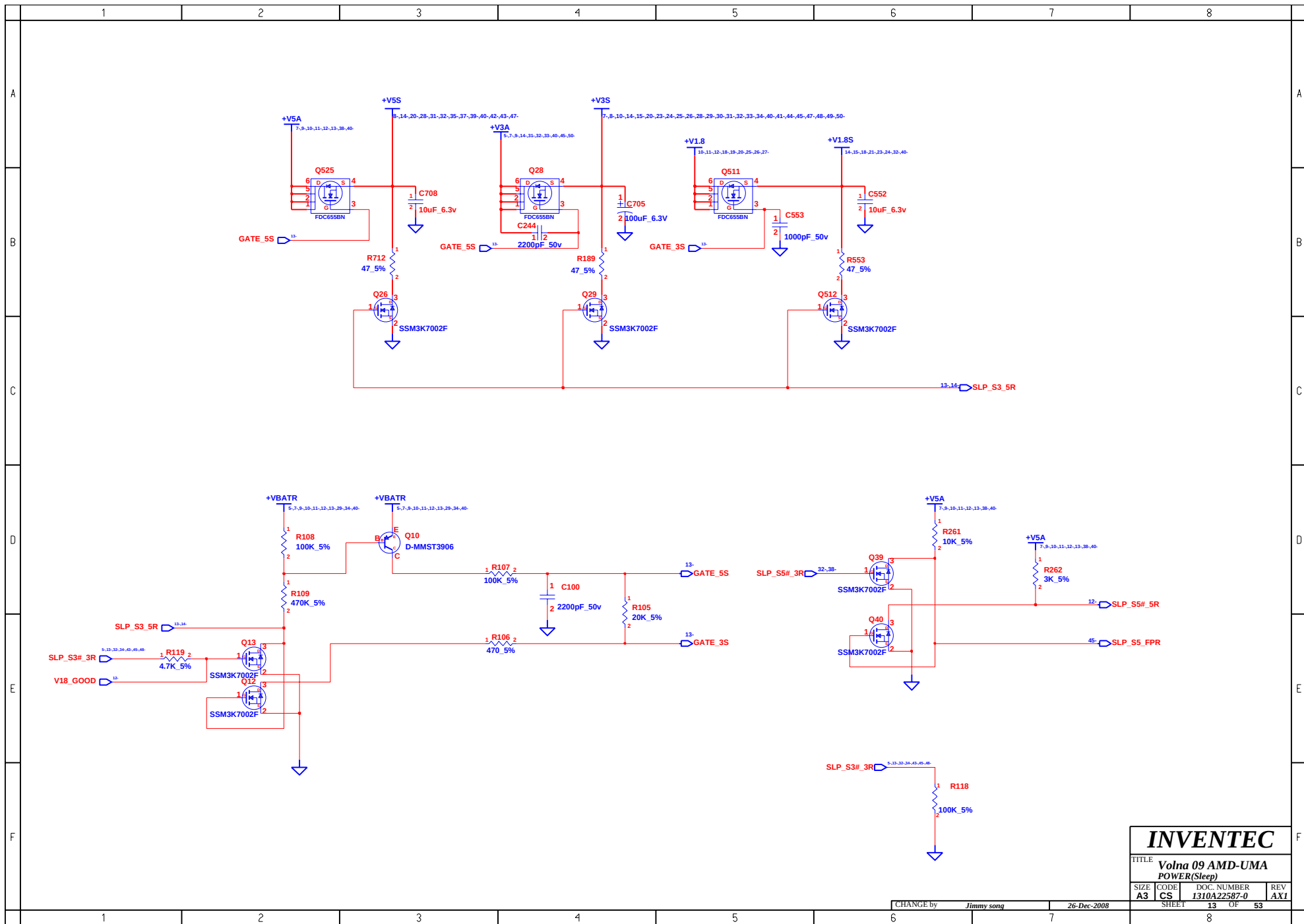
INVENTEC

TITLE
**Volna 09 AMD-UMA
DDR2 POWER**

SIZE CODE DOC. NUMBER REV
A3 CS 1310A22587-0 AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 12 OF 53



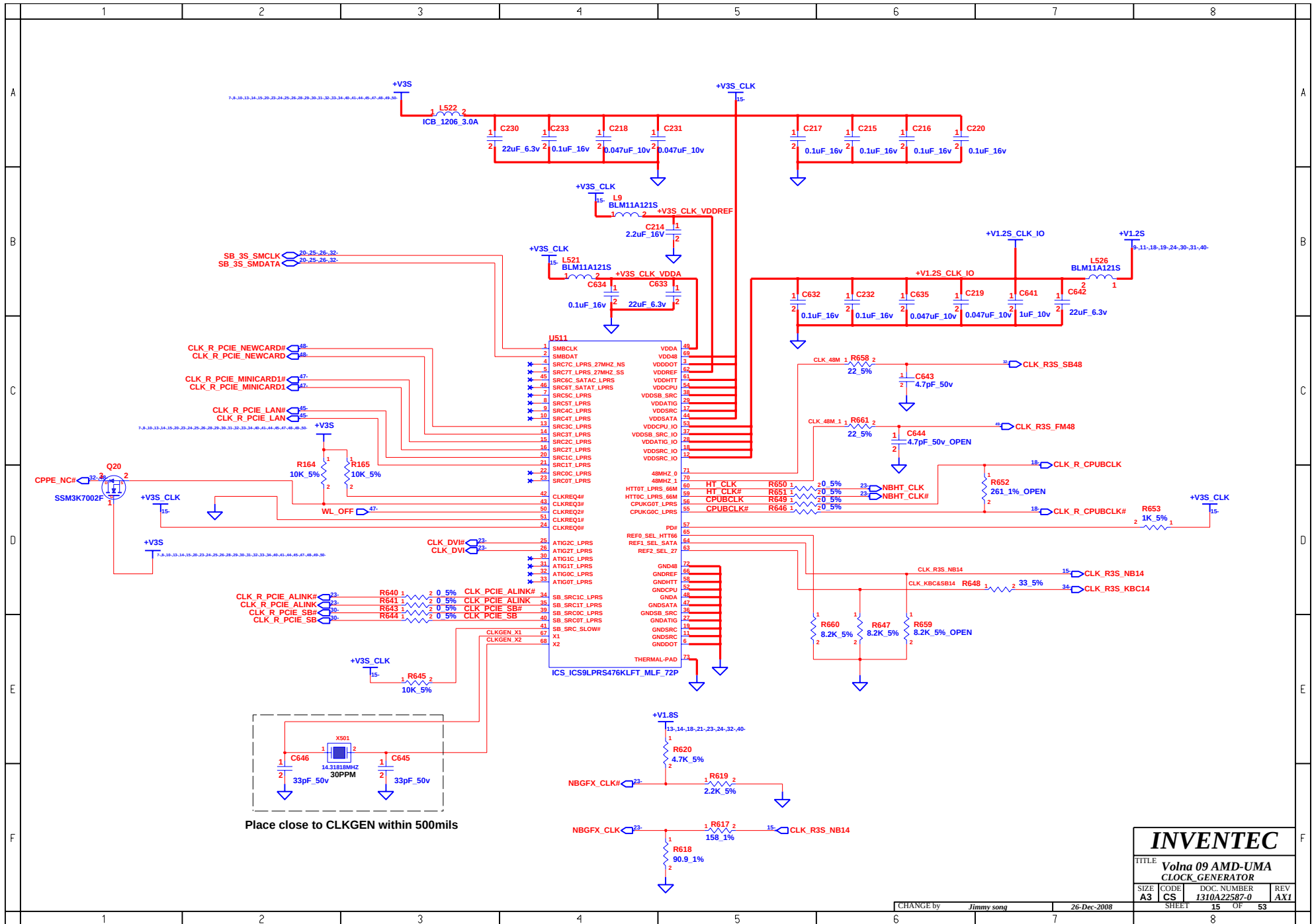
INVENTEC

TITLE
**Volna 09 AMD-UMA
POWER(Sleep)**

SIZE A3	CODE CS	DOC. NUMBER I310A22587-0	REV AX1
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CHANGE by *Jimmy song* 26-Dec-2008

SHEET 13 OF 53



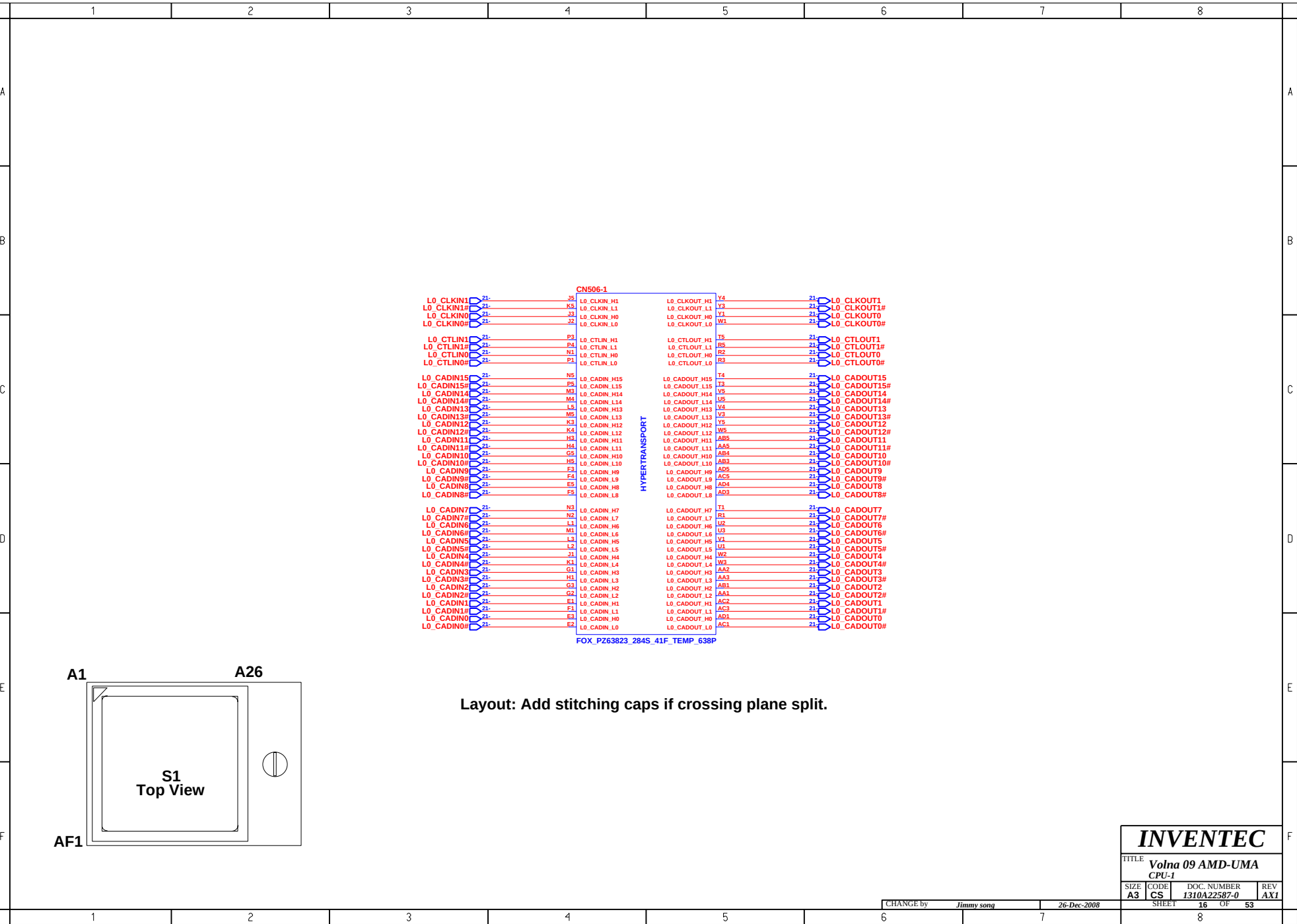
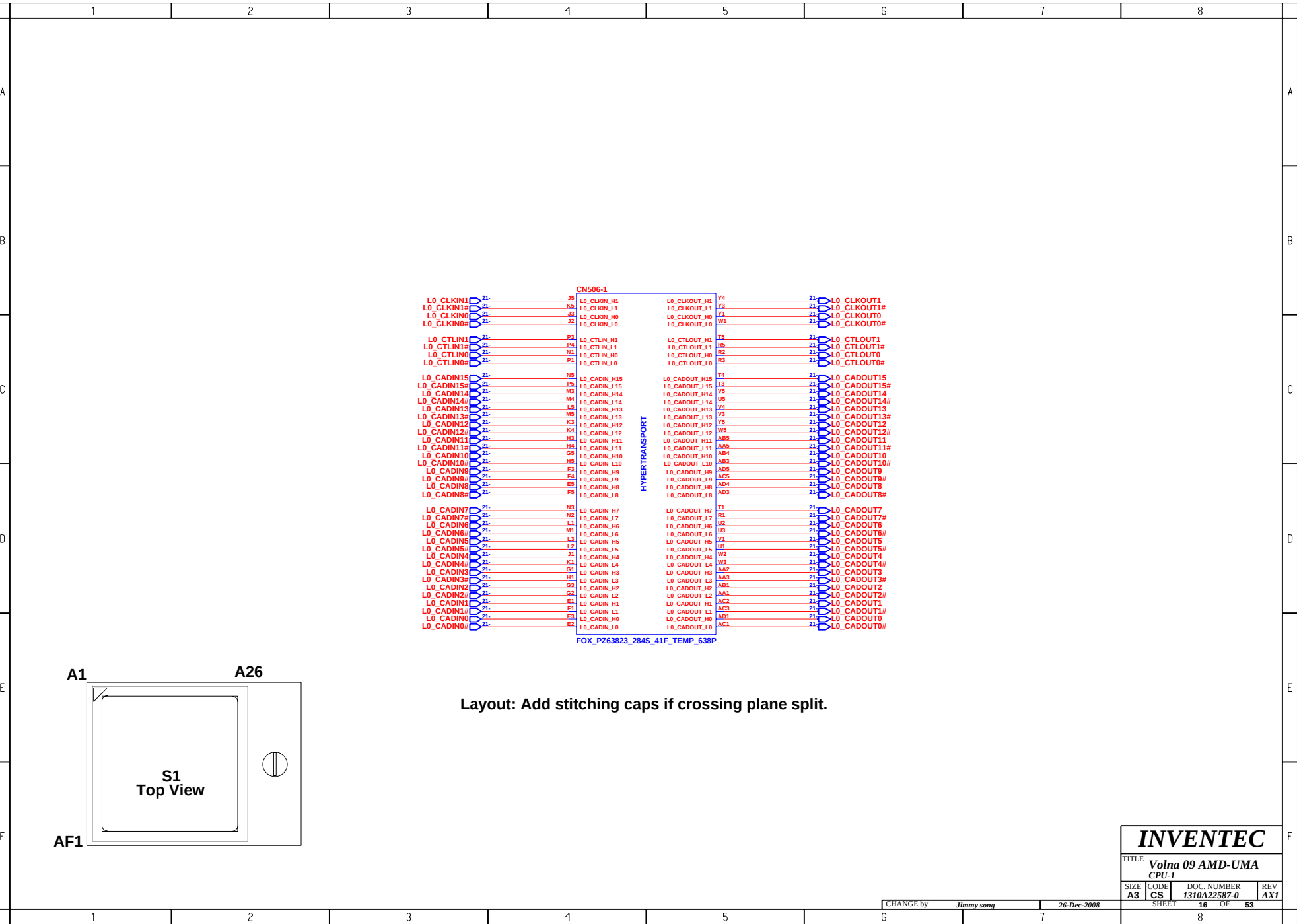
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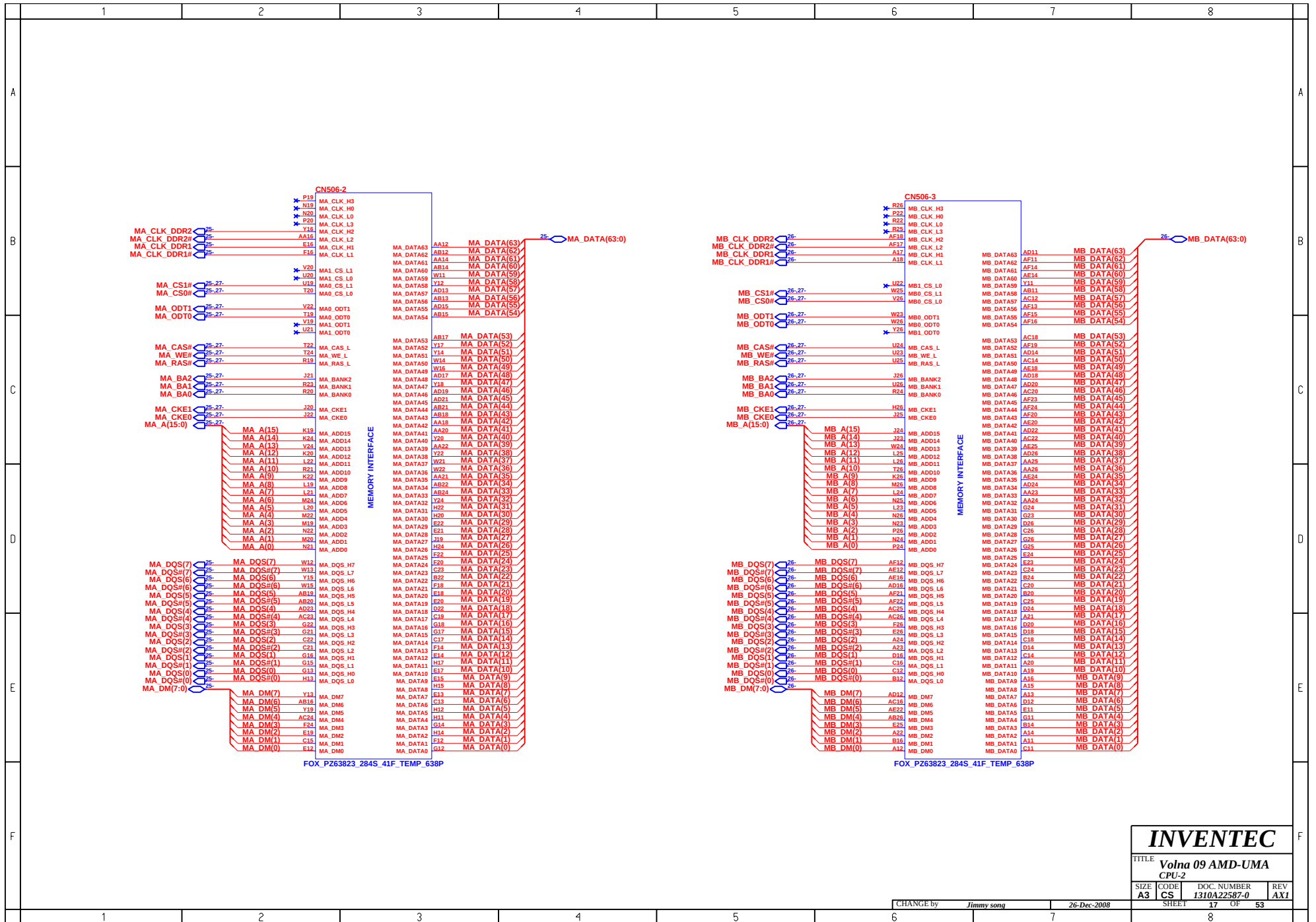
TITLE
**Volna 09 AMD-UMA
CLOCK GENERATOR**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A22587-0	AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 15 OF 53

[illegible][illegible]

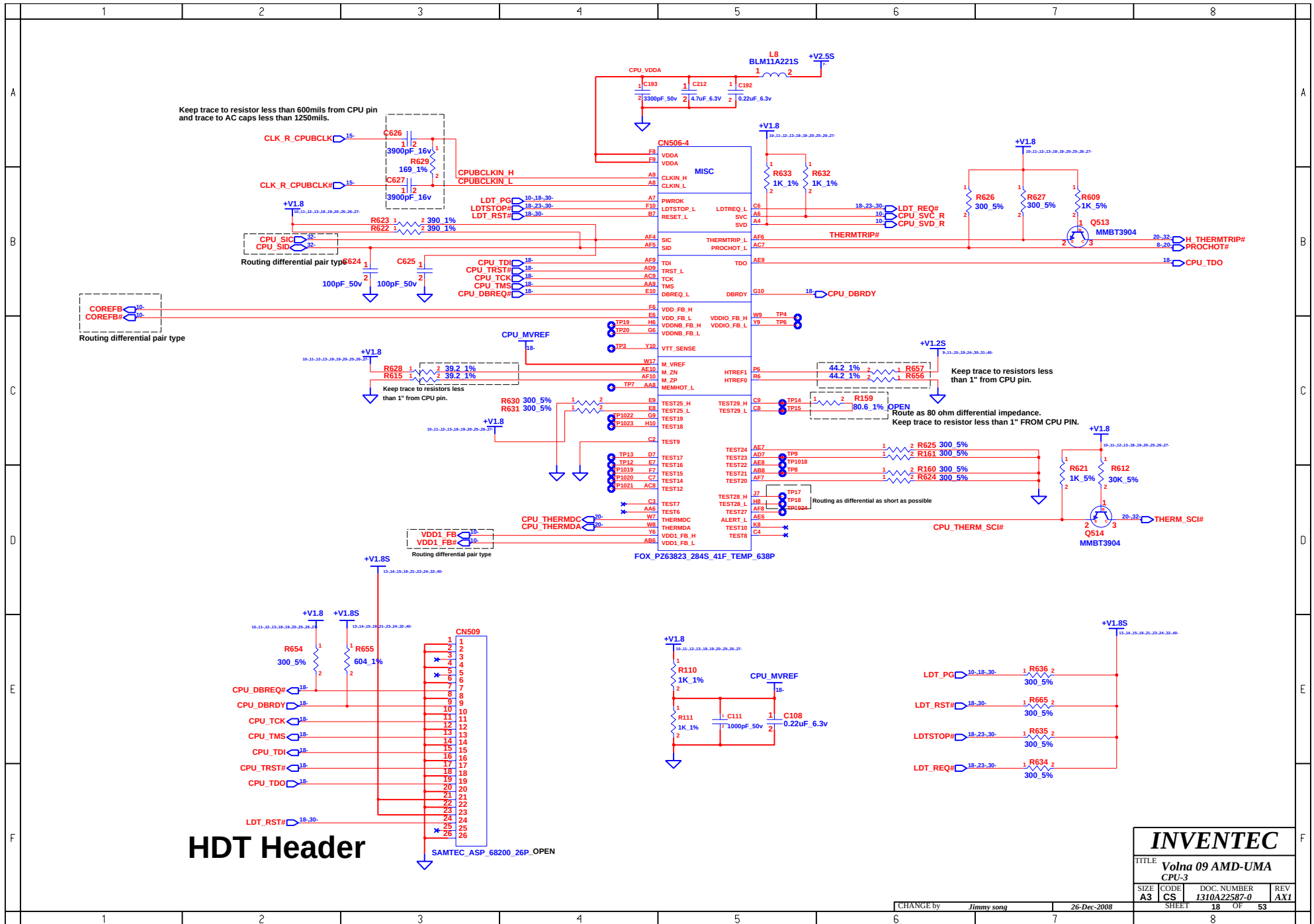


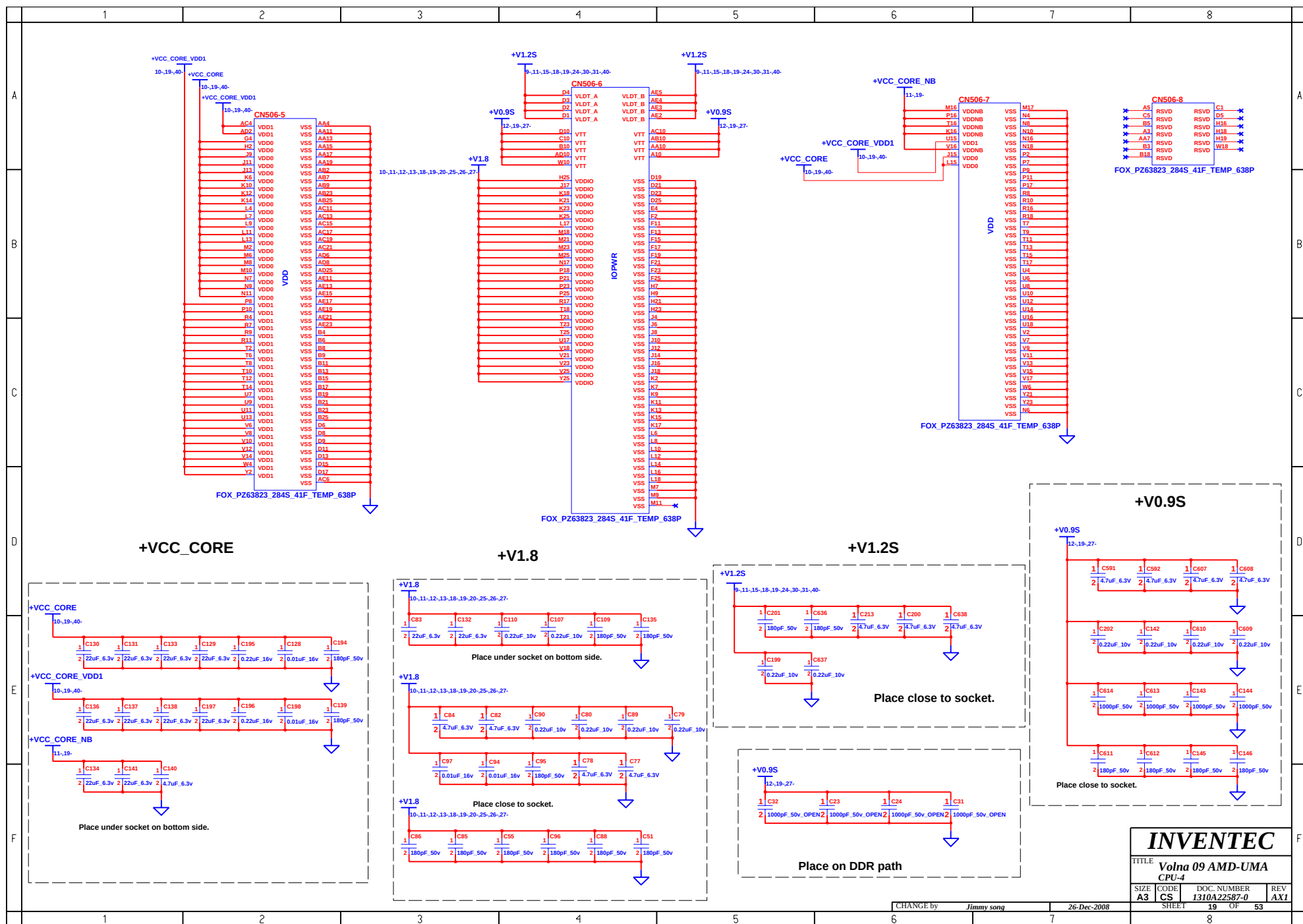
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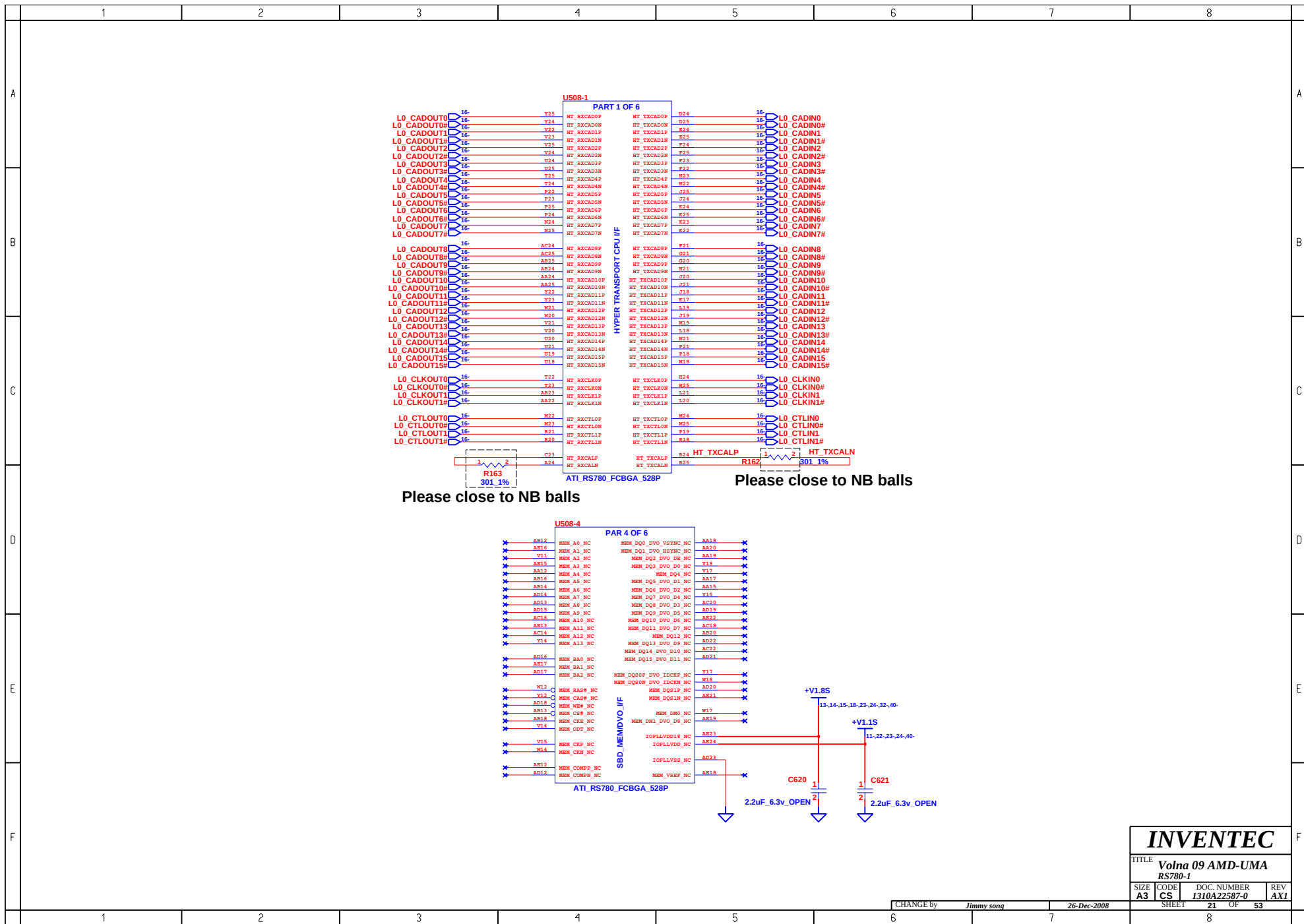
TITLE			
Volna 09 AMD-UMA			
CPU-2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A22587-0	AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 17 OF 53







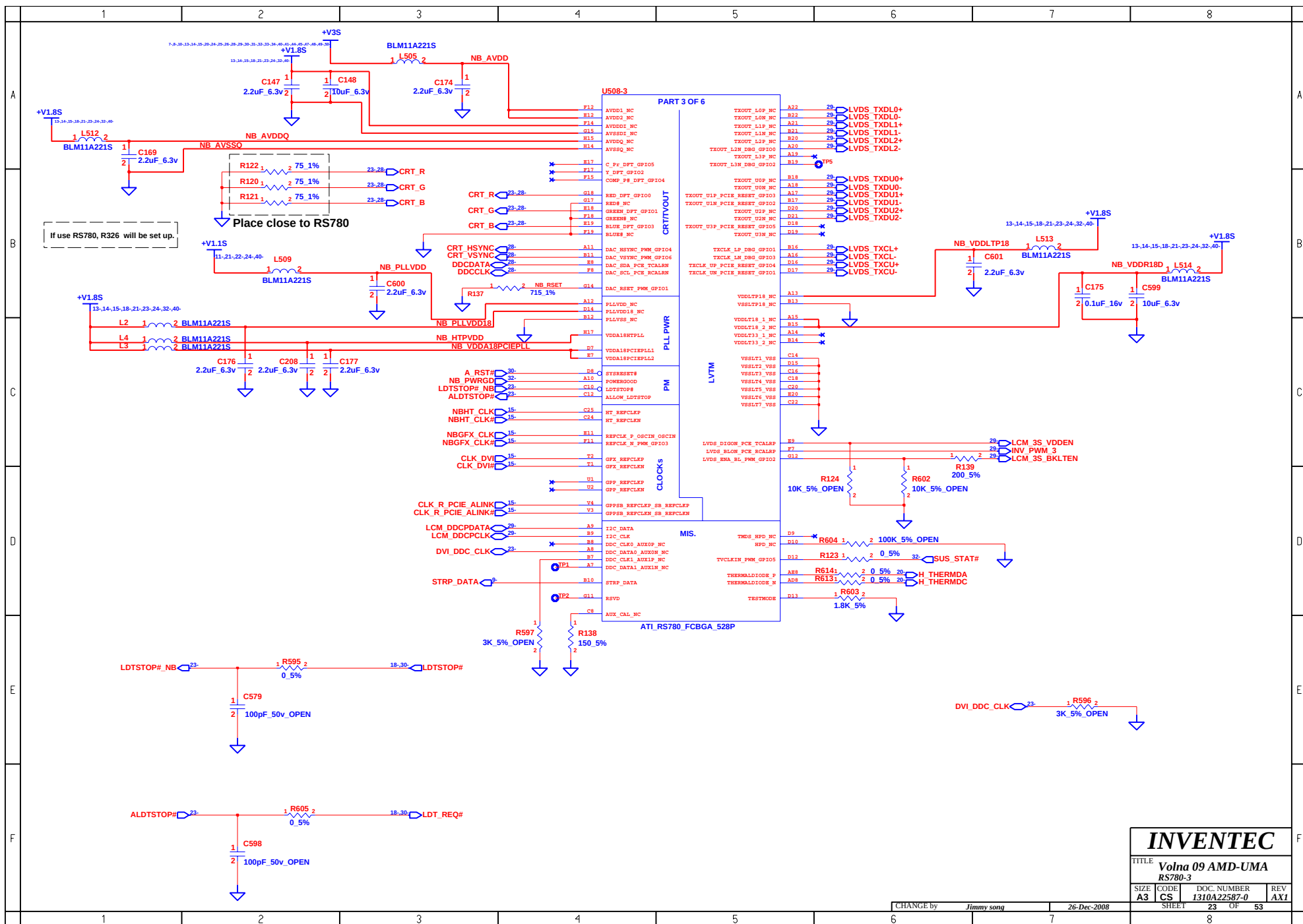
INVENTEC

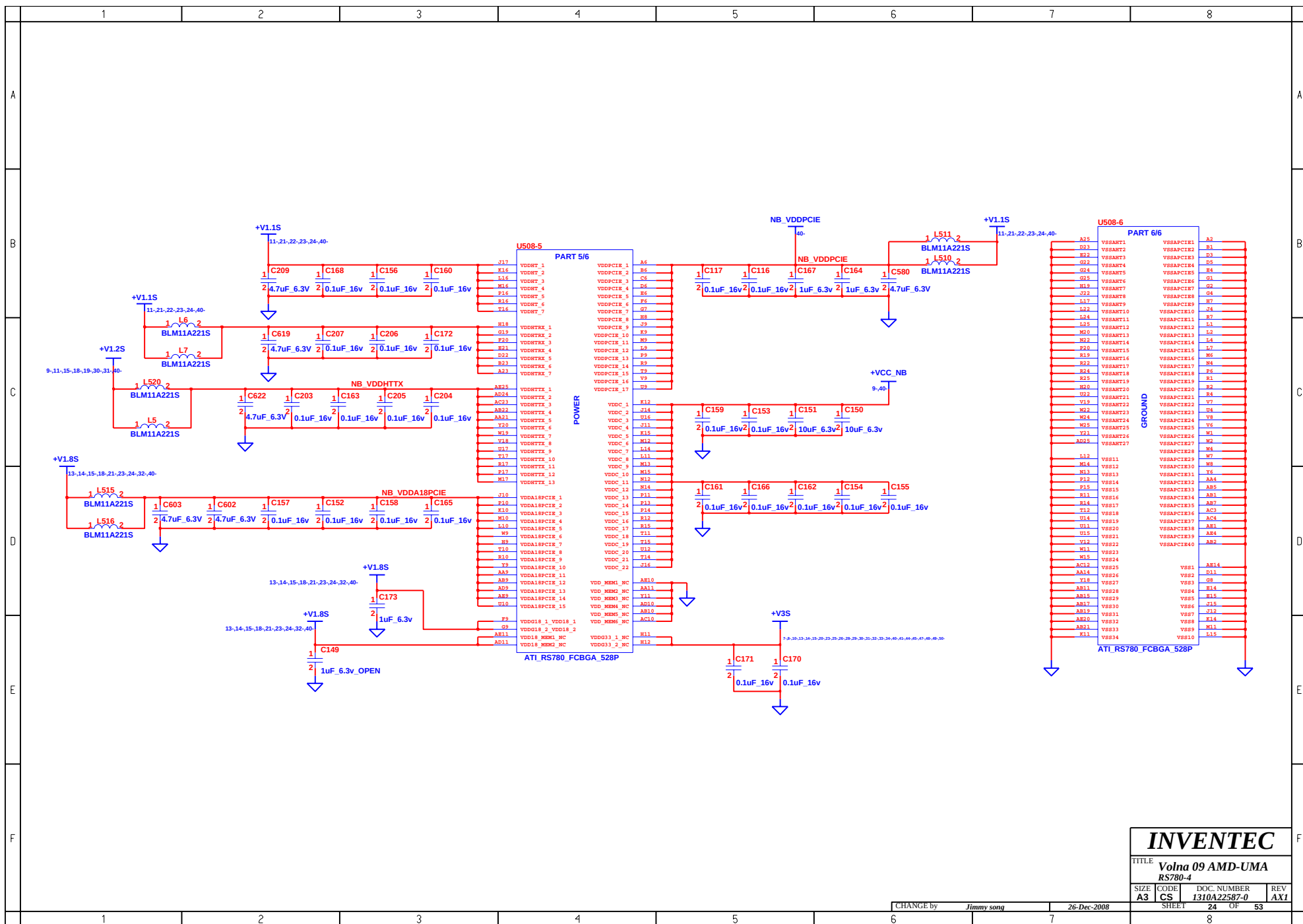
TITLE
Volna 09 AMD-UMA
RS780-1

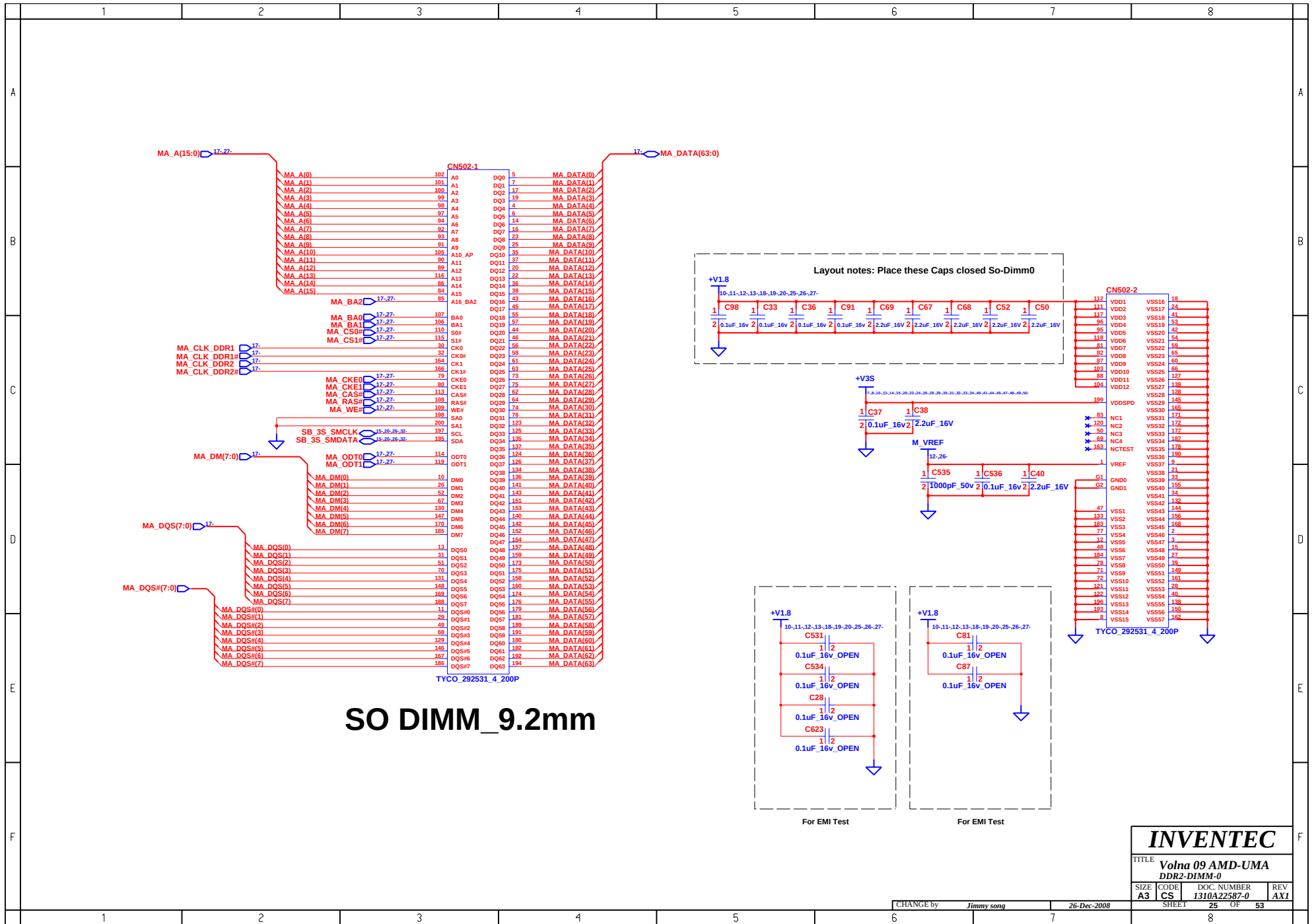
SIZE A3	CODE CS	DOC. NUMBER I310A22587-0	REV AX1
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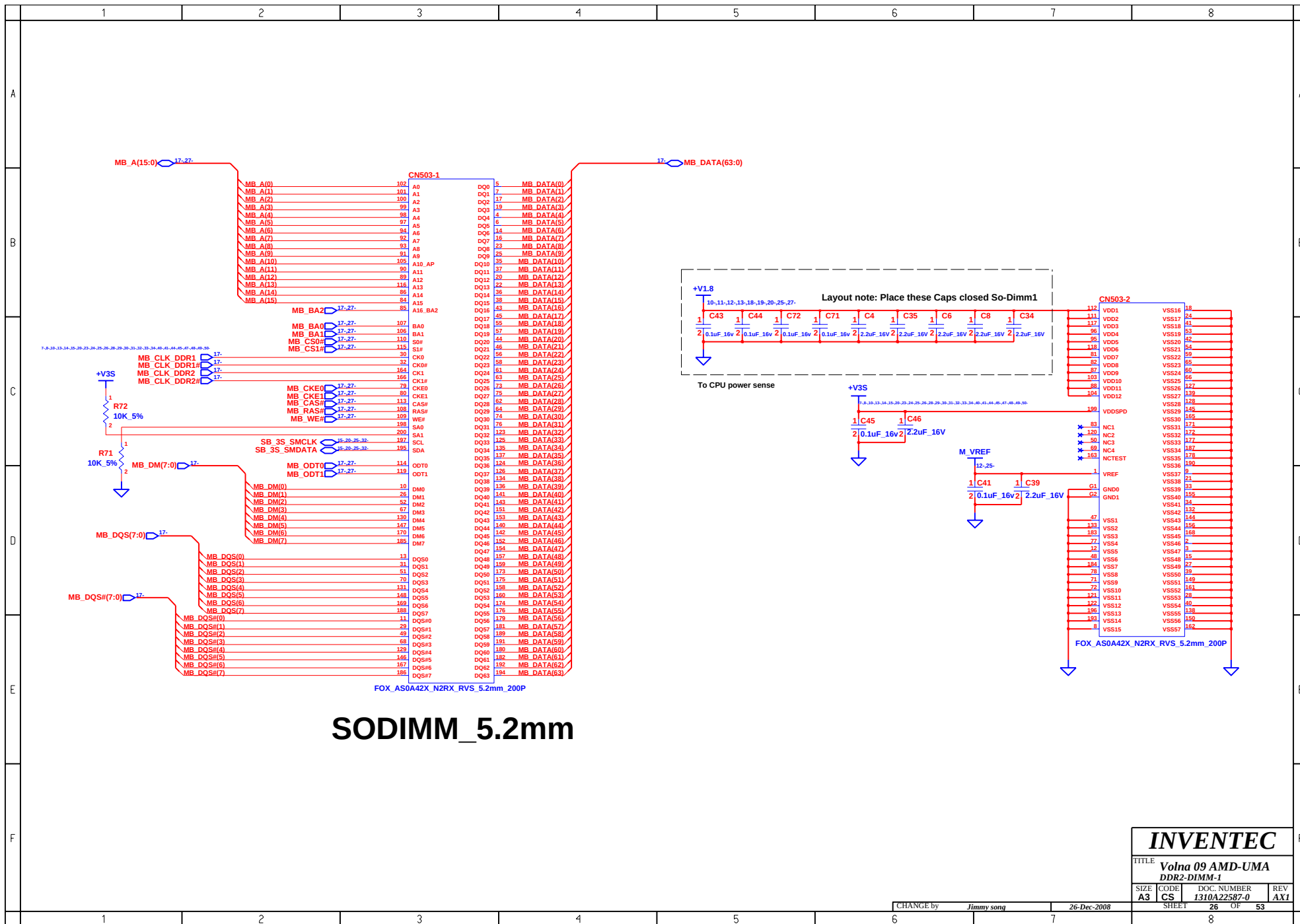
CHANGE by Jimmy song 26-Dec-2008

SHEET 21 OF 53









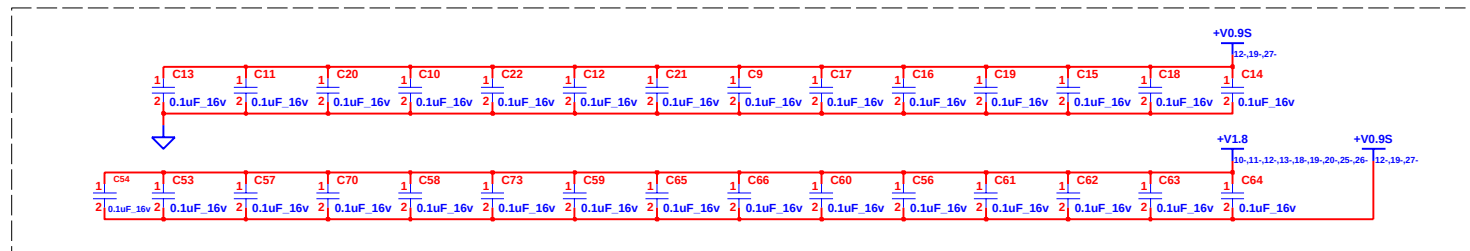
INVENTEC

TITLE
**Volna 09 AMD-UMA
DDR2-DIMM-1**

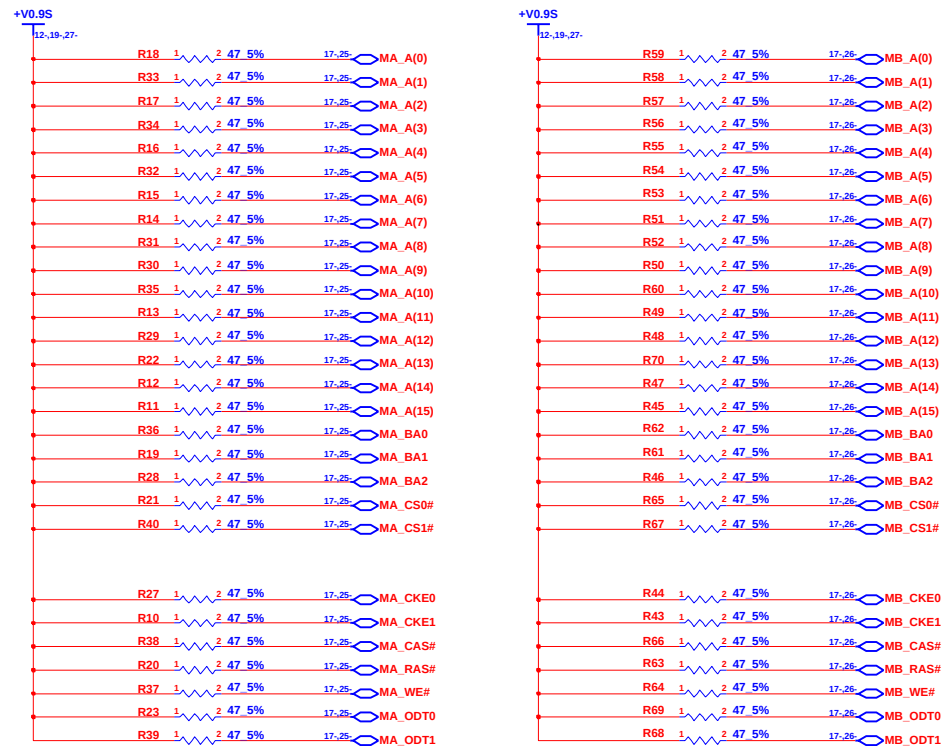
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22587-0	AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 26 OF 53



Place CAPs close to DIMM

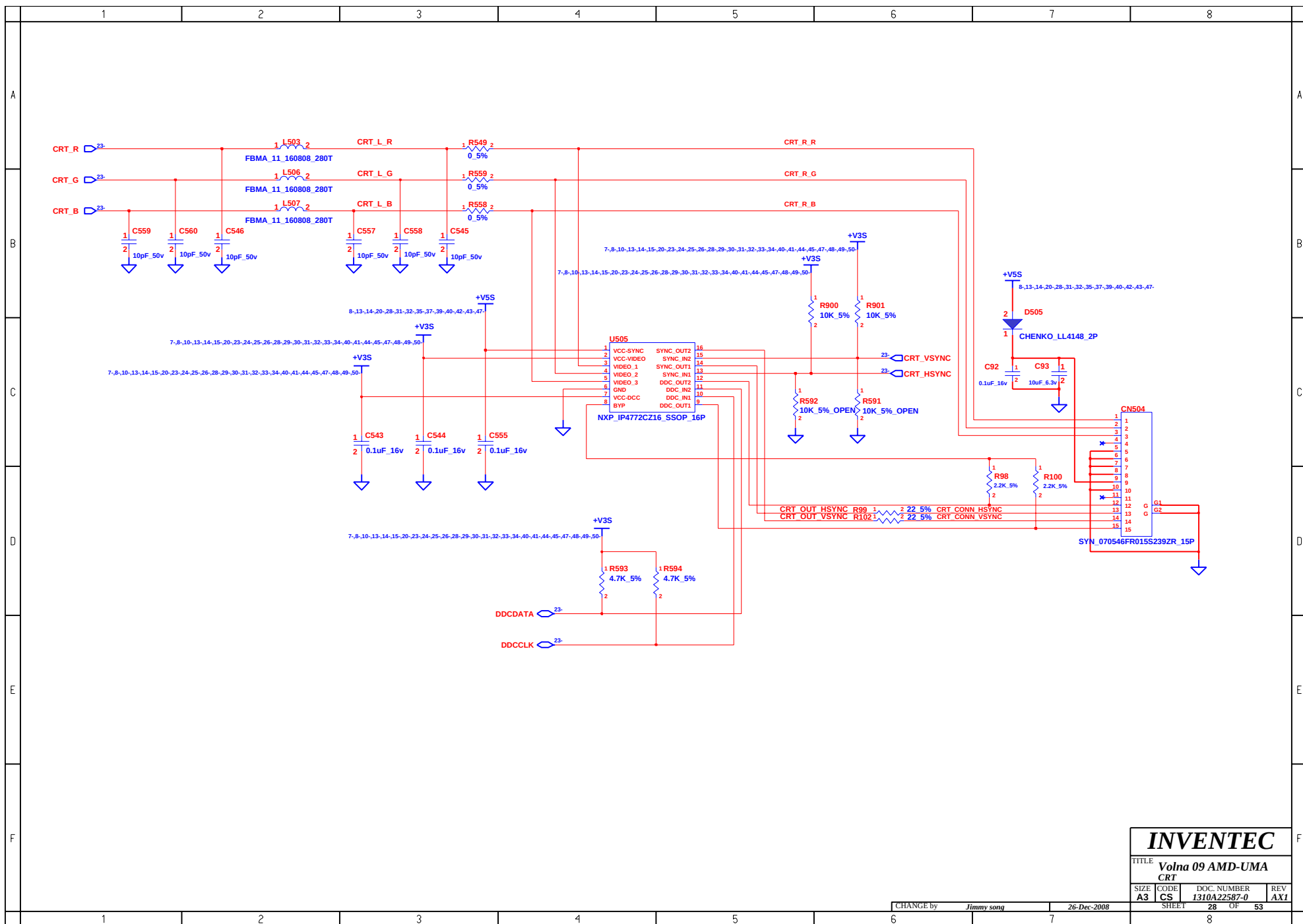


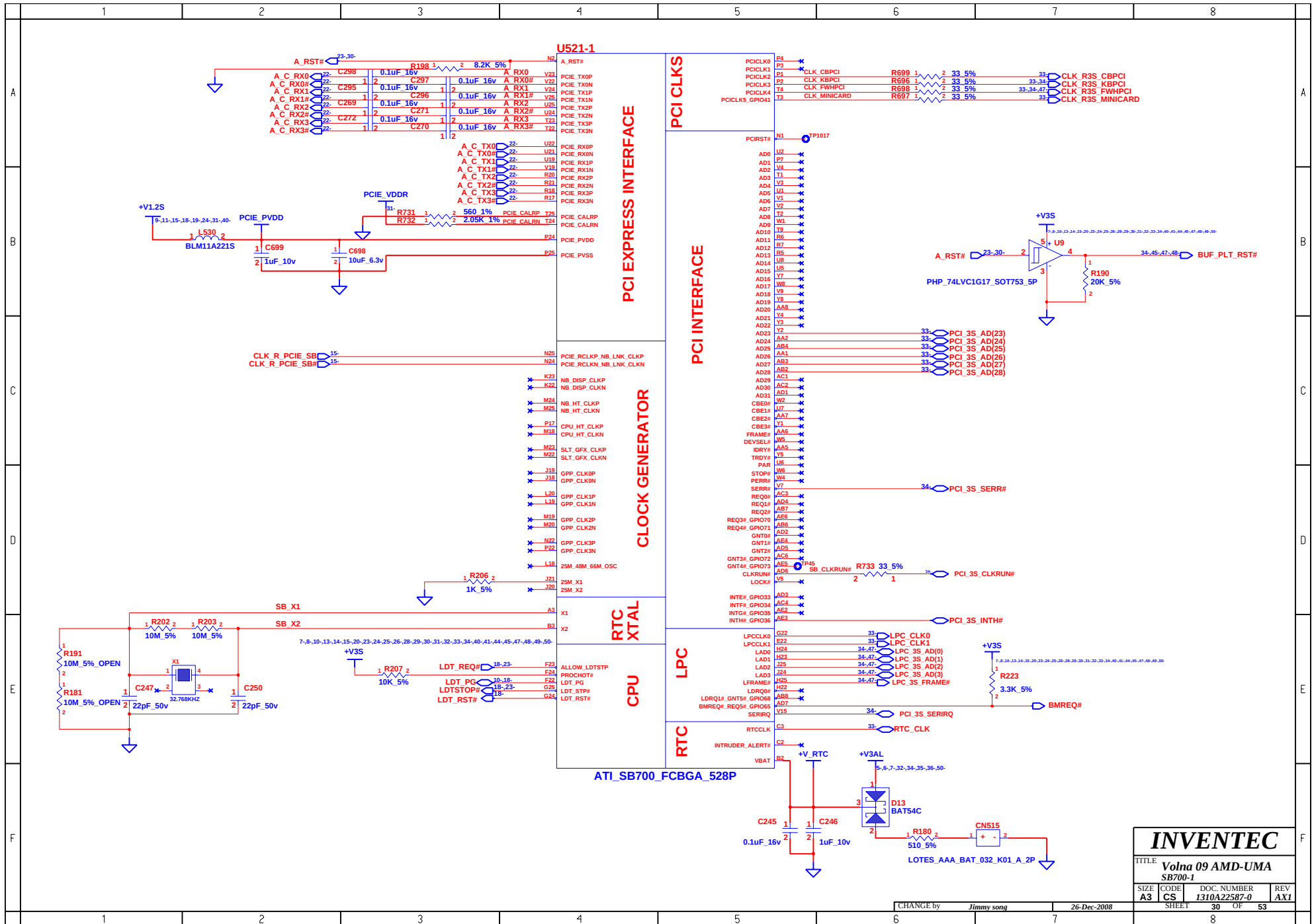
INVENTEC

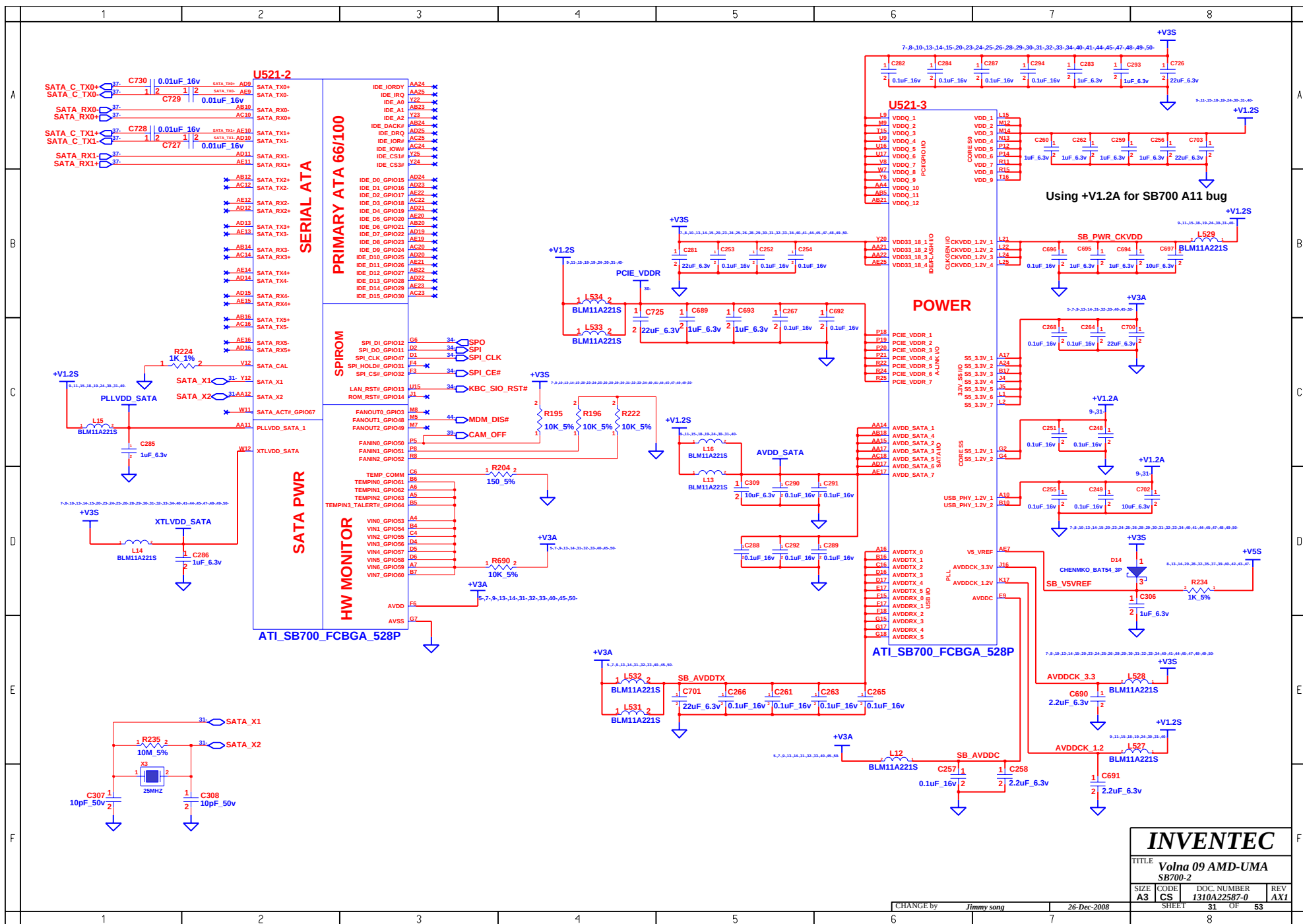
TITLE	<i>Volna 09 AMD-UMA DDR2-DAMPING</i>
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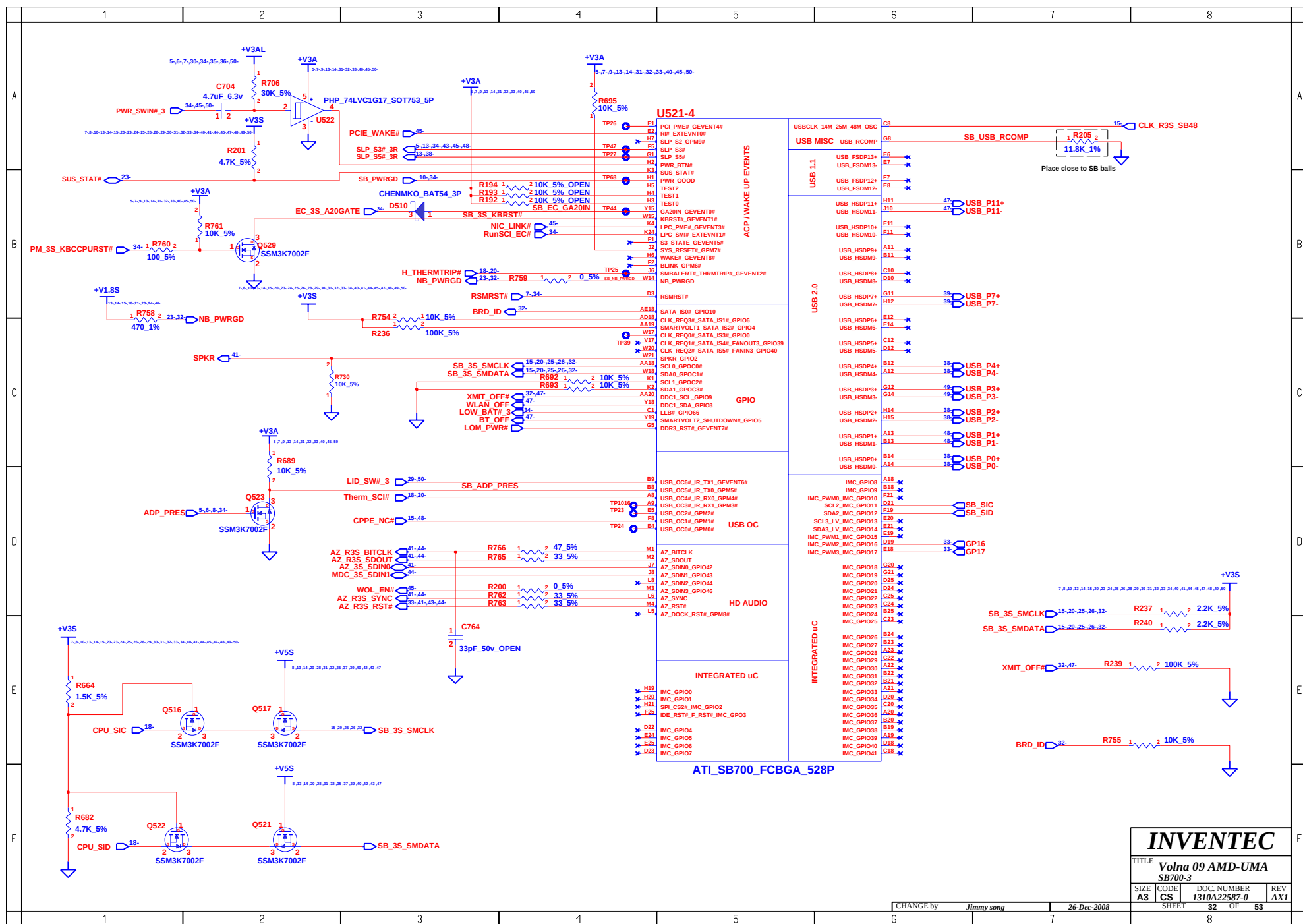
DDRE-DAMPING			
SIZE A3	CODE CS	DOC. NUMBER 1310A22587-0	REV AX1
SHEET 27 OF 53			

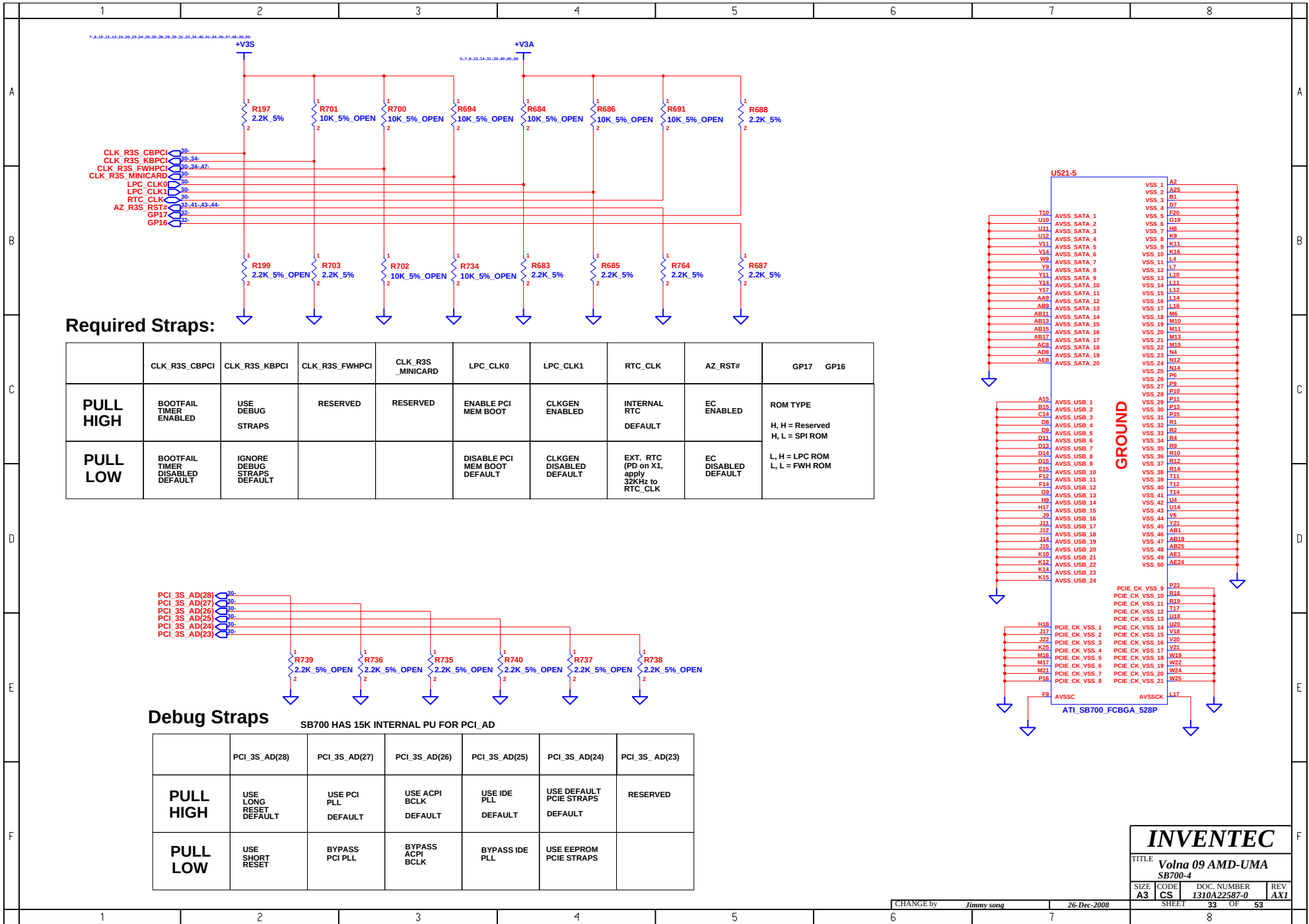
CHANGE by	<i>Jimmy song</i>	26-Dec-2008
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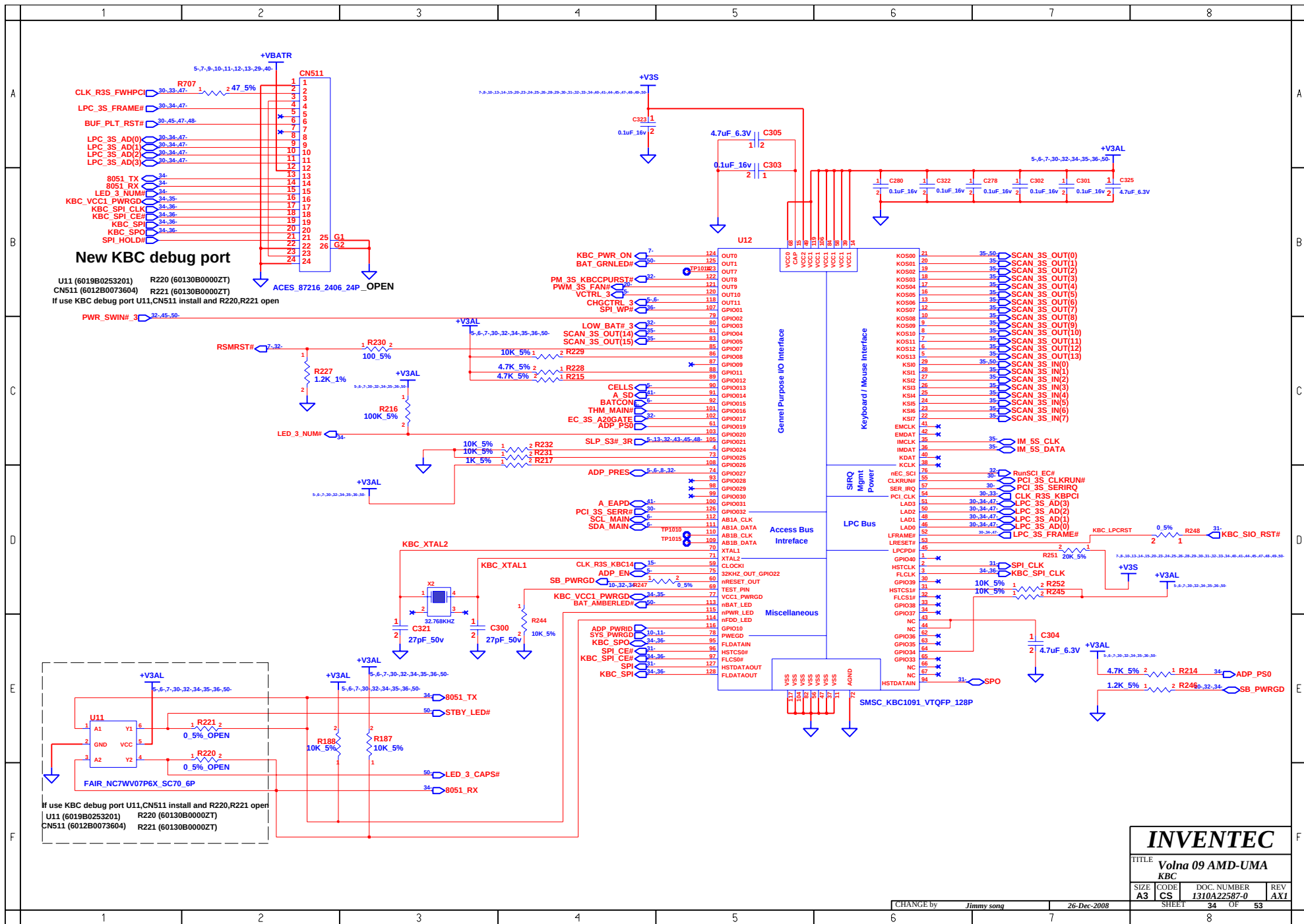












INVENTEC

TITLE Volna 09 AMD-UMA

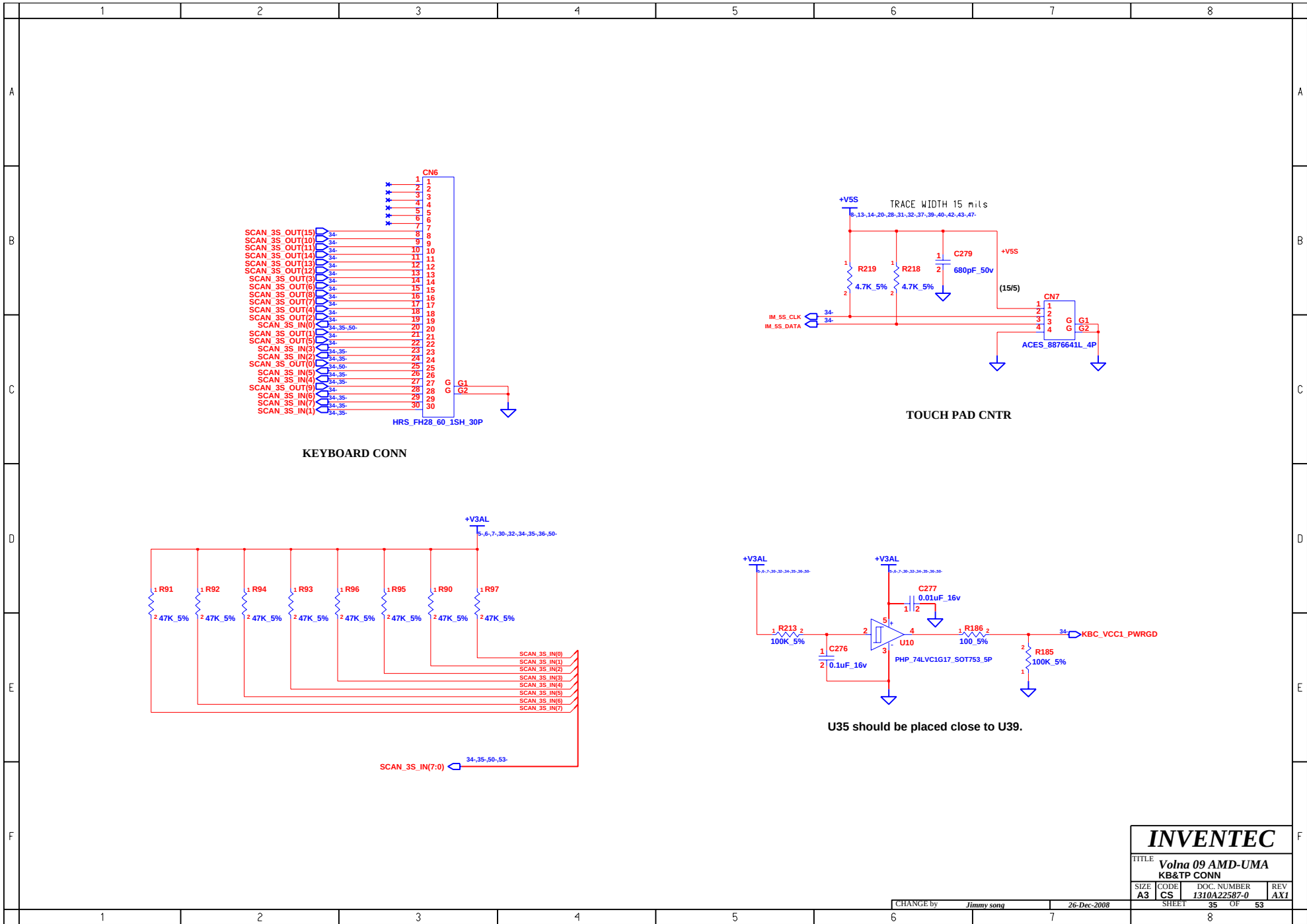
KBC

SIZE CODE DOC. NUMBER REV

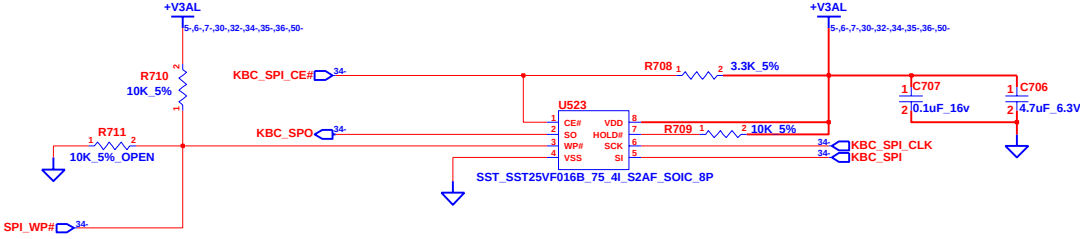
A3 CS 1310A22587-0 AX1

CHANGE by Jimmy song 26-Dec-2008

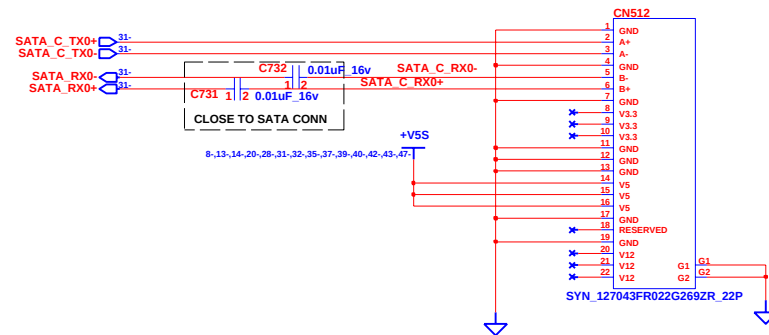
SHEET 34 OF 53



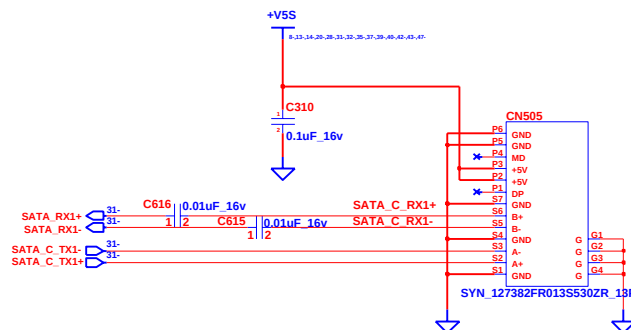
SPI Flash



INVENTEC			
TITLE Volna 09 AMD-UMA			
SPI			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A22587-0	AX1
CHANGE by Jimmy song		26-Dec-2008	
SHEET		36	OF 53

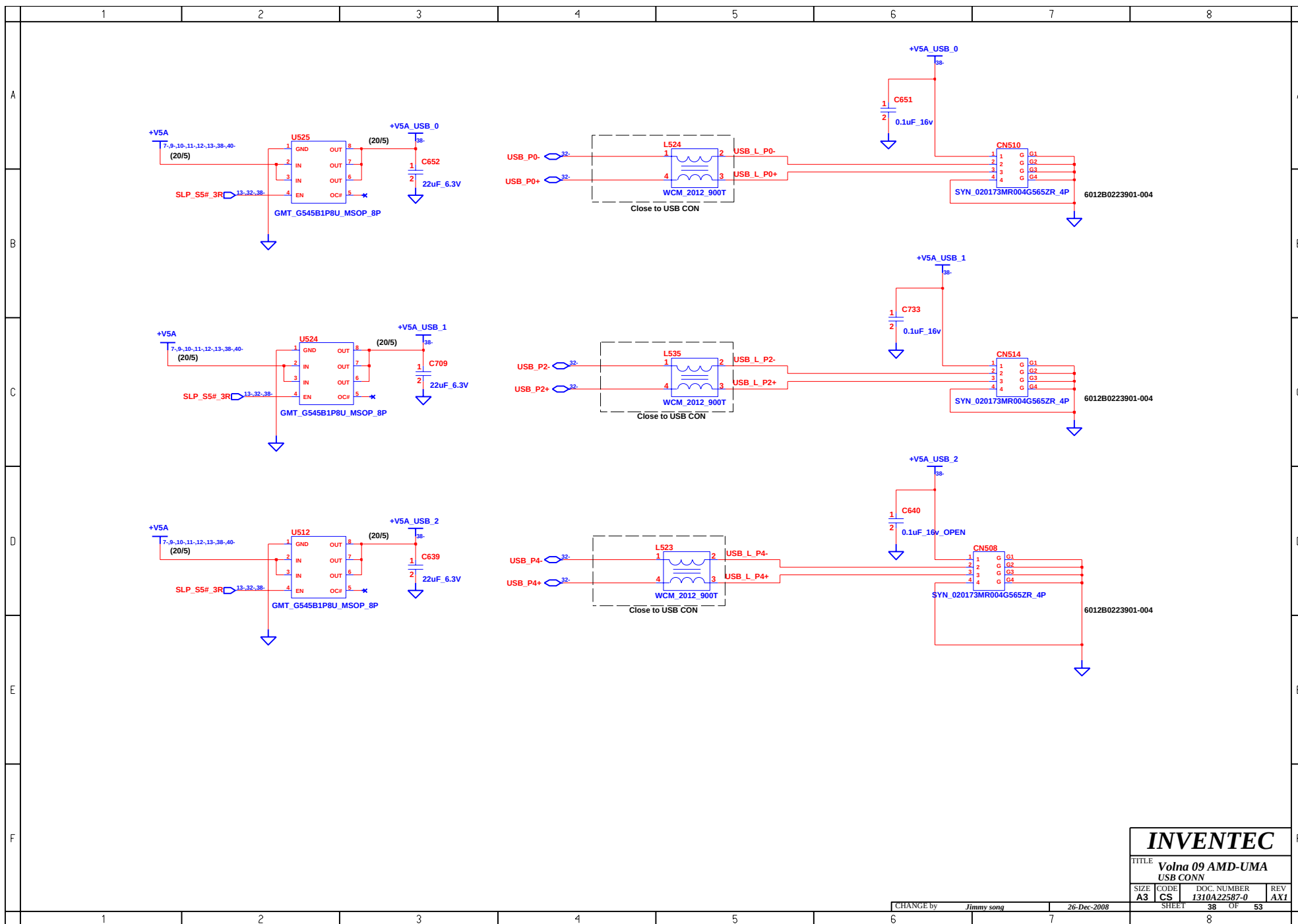


HDD CONNECTOR



ODD SATA CONNECTOR

INVENTEC			
TITLE Volna 09 AMD-UMA HDD & ODD CONN			
SIZE A3	CODE CS	DOC. NUMBER I310A22587-0	REV AX1
CHANGE by Jimmy song		26-Dec-2008	
SHEET 37		OF 53	



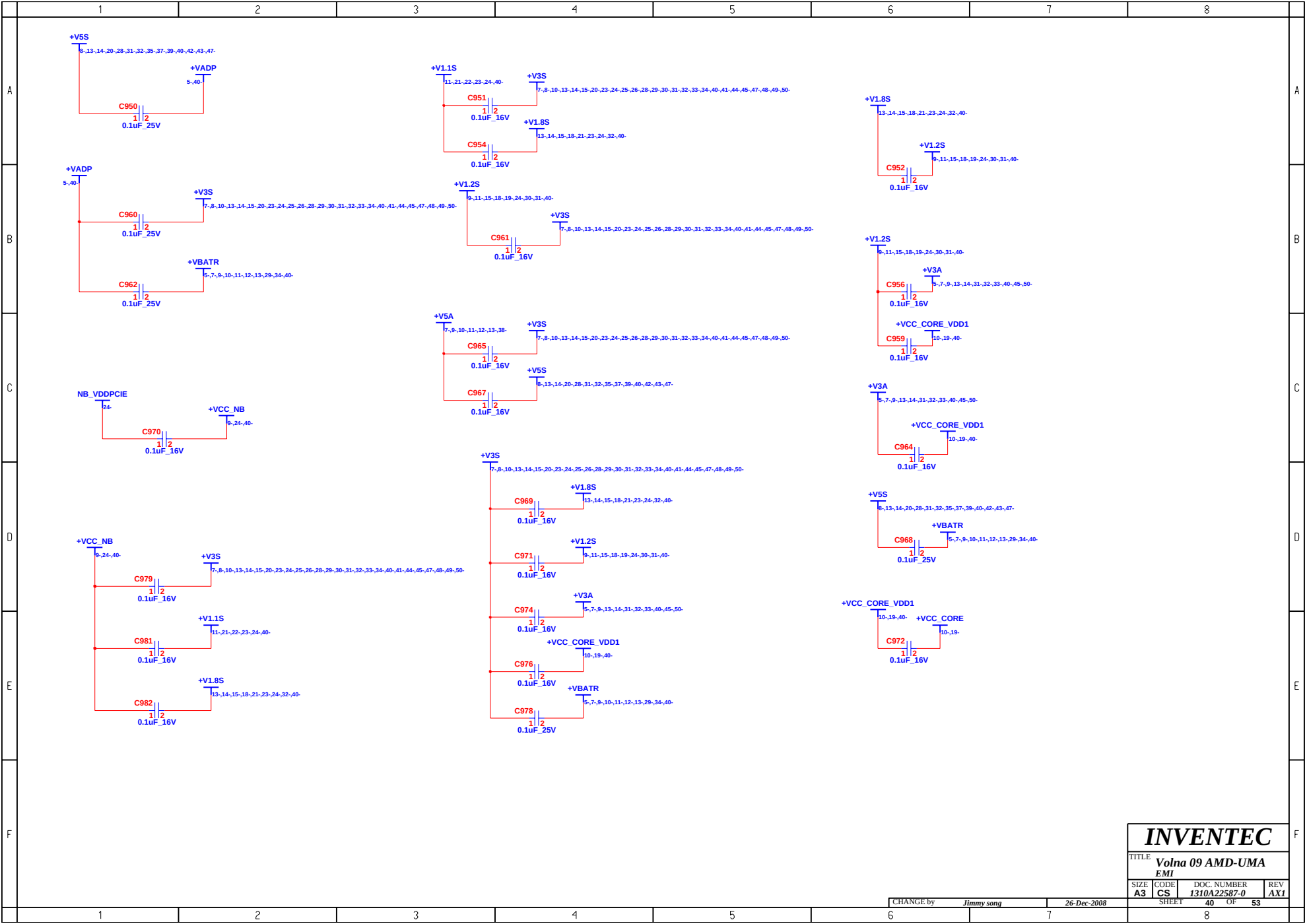
INVENTEC

TITLE
Volna 09 AMD-UMA
USB CONN

SIZE A3	CODE CS	DOC. NUMBER I310A22587-0	REV AX1
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CHANGE by *Jimmy song* 26-Dec-2008

SHEET 38 OF 53



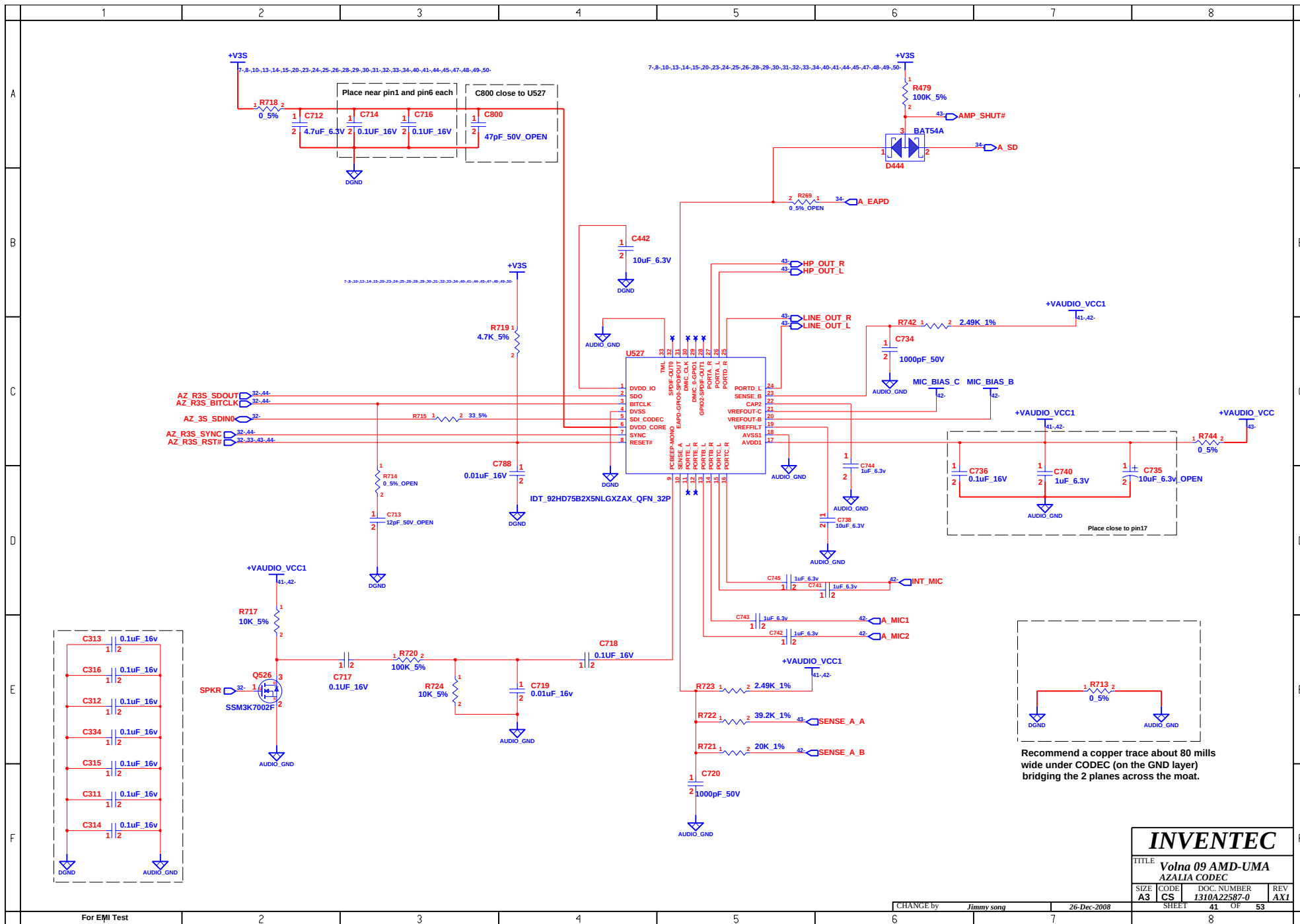
INVENTEC

TITLE
Volna 09 AMD-UMA

SIZE CODE DOC. NUMBER REV
A3 CS 1310A22587-0 AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 40 OF 53



INVENTEC

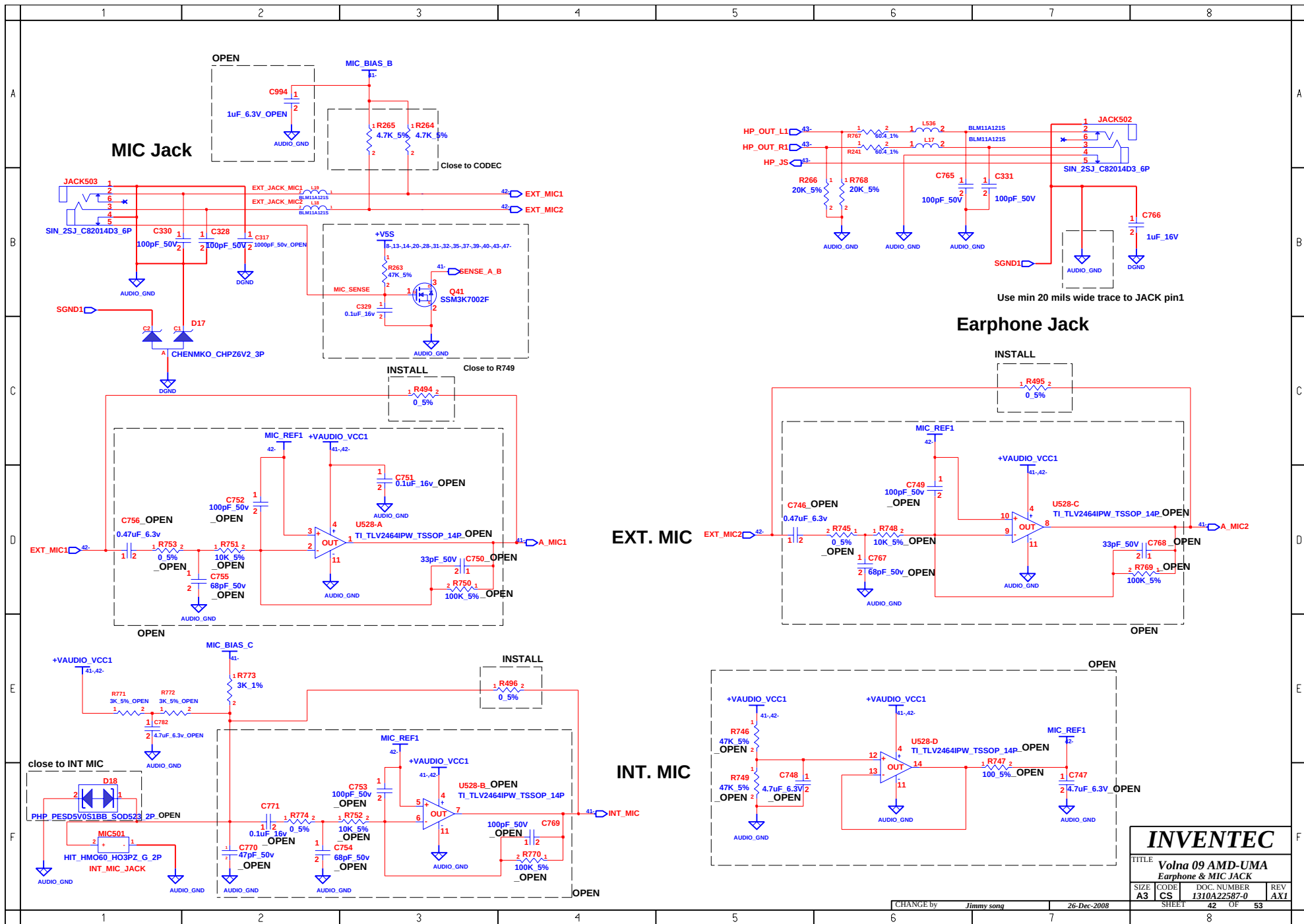
TITLE
Volna 09 AMD-UMA
AZALIA CODEC

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AZ2587-0	AX1

SHEET 41 OF 53

CHANGE by Jimmy song 26-Dec-2008

For EMI Test



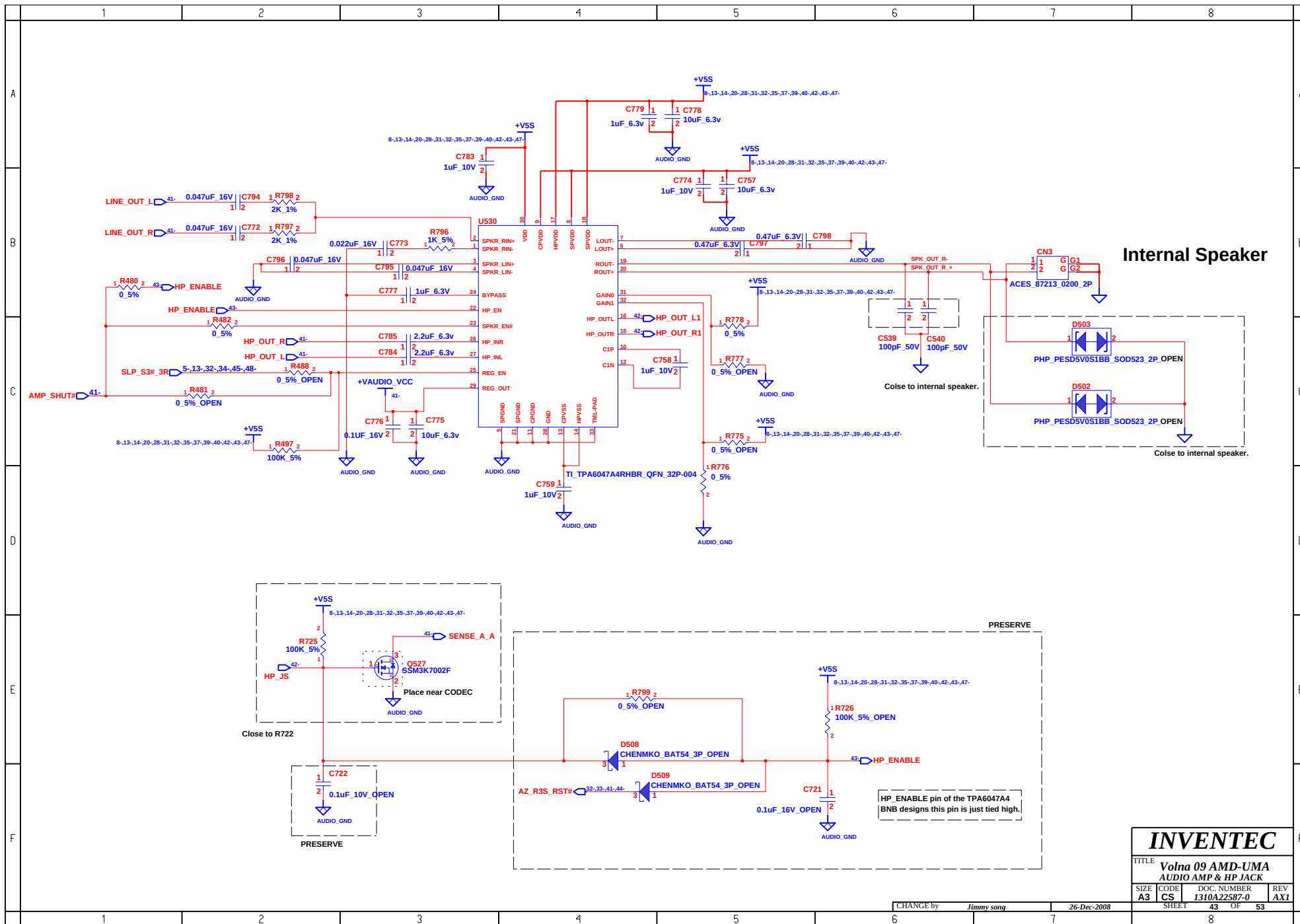
INVENTEC

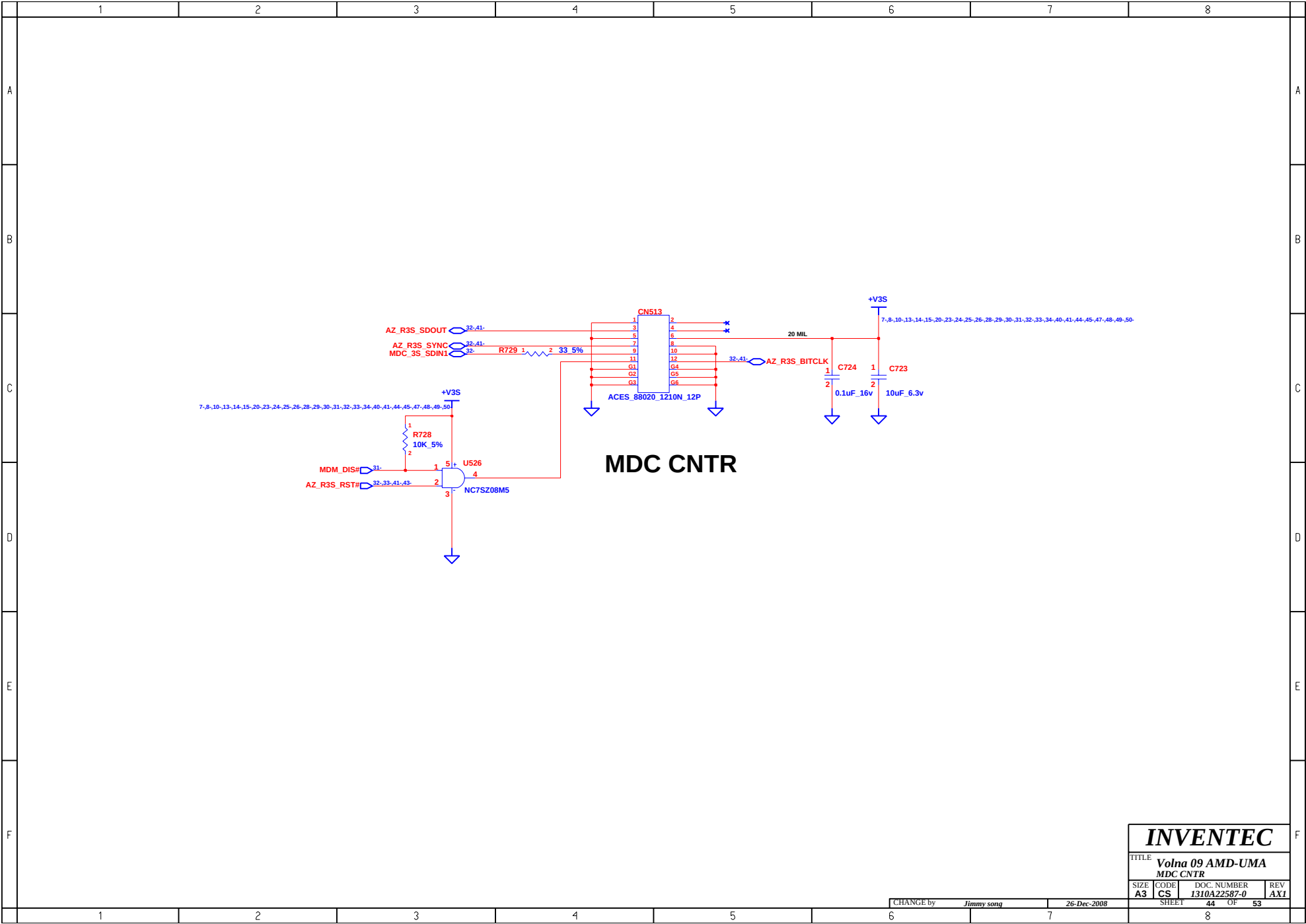
TITLE: Volna 09 AMD-UMA
Earphone & MIC JACK

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22587-0	AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 42 OF 53





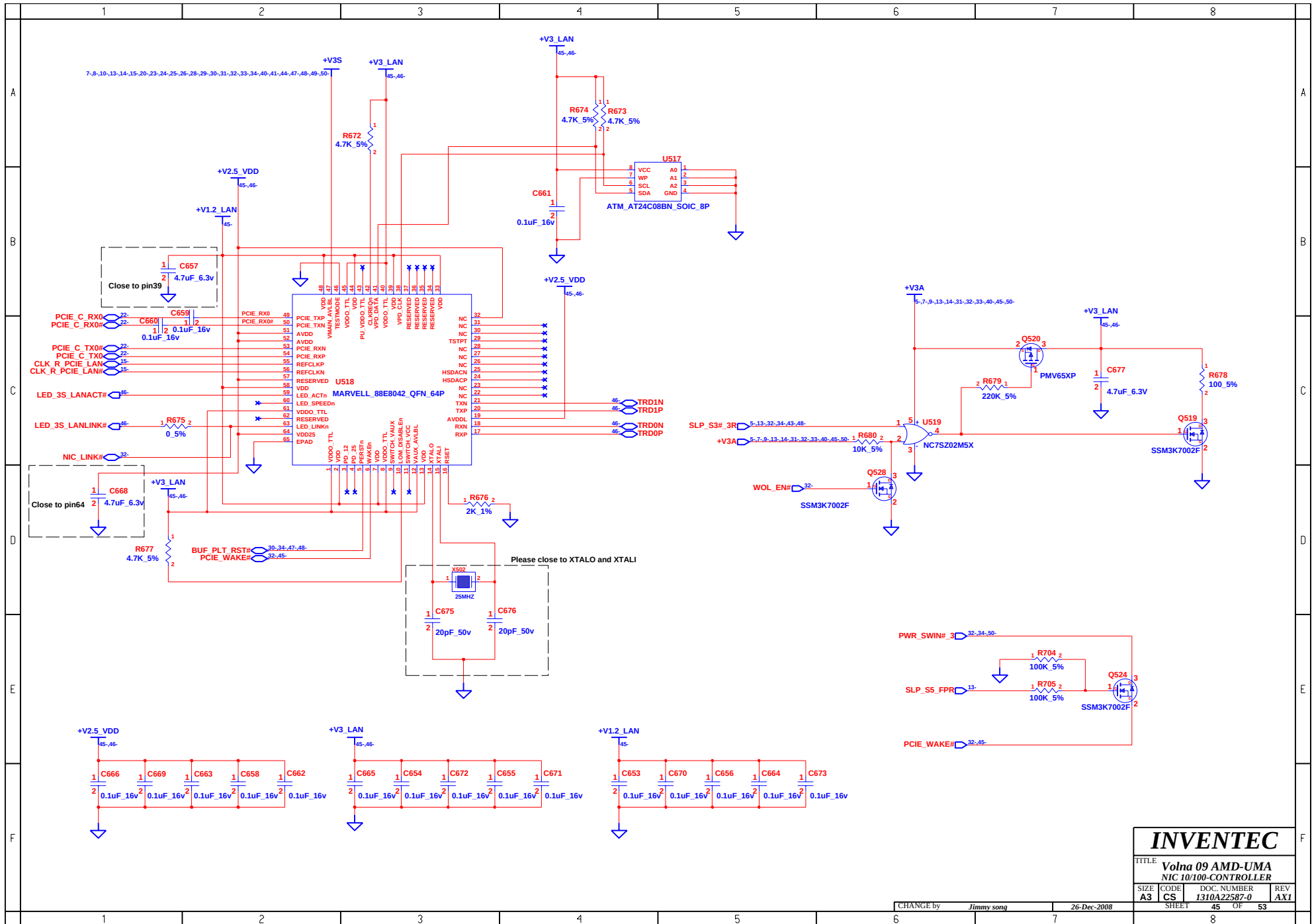
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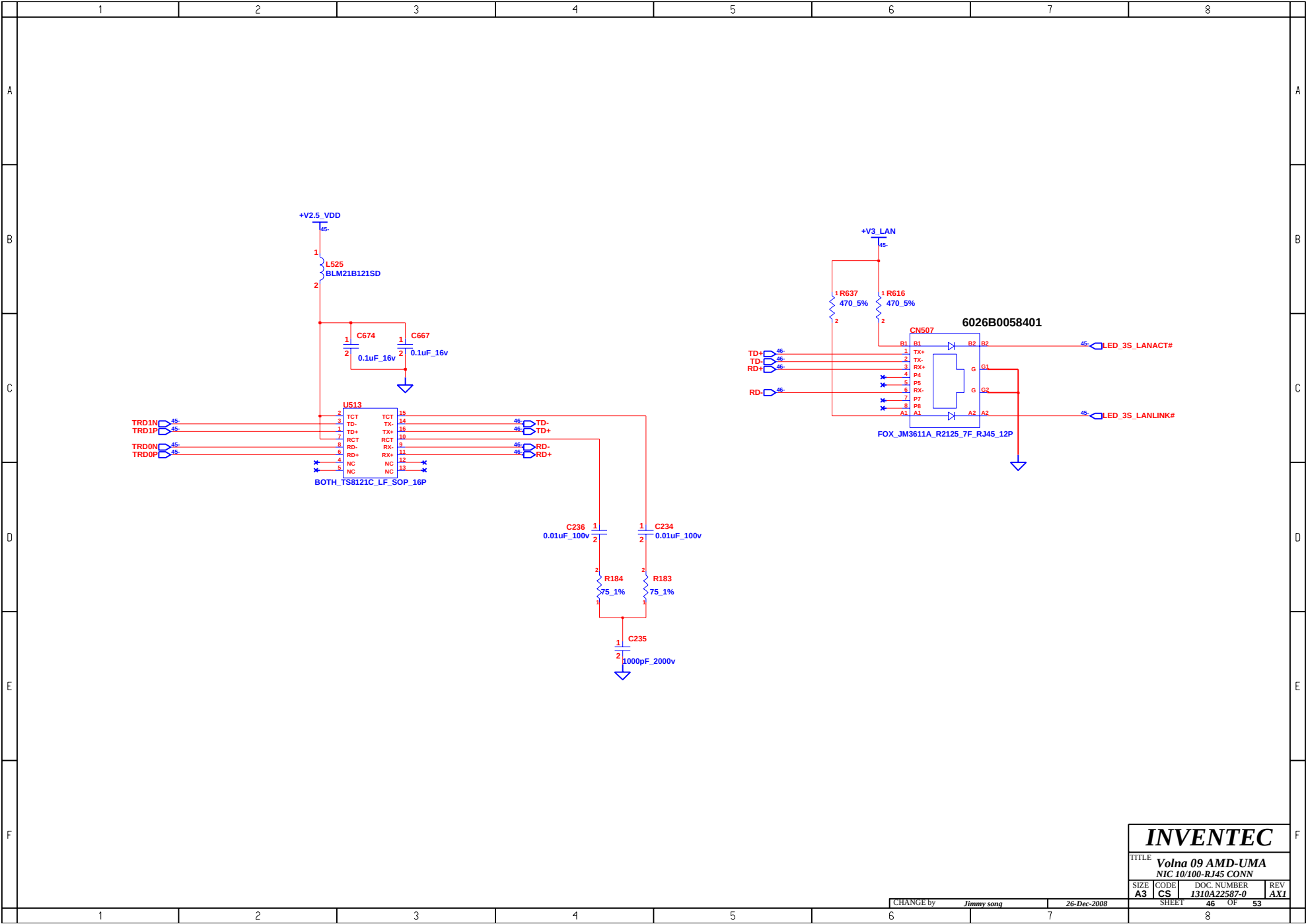
TITLE
Volna 09 AMD-UMA
MDC CNTR

SIZE A3	CODE CS	DOC. NUMBER 1310AZ2587-0	REV AX1
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CHANGE by *Jimmy song* 26-Dec-2008

SHEET 44 OF 53





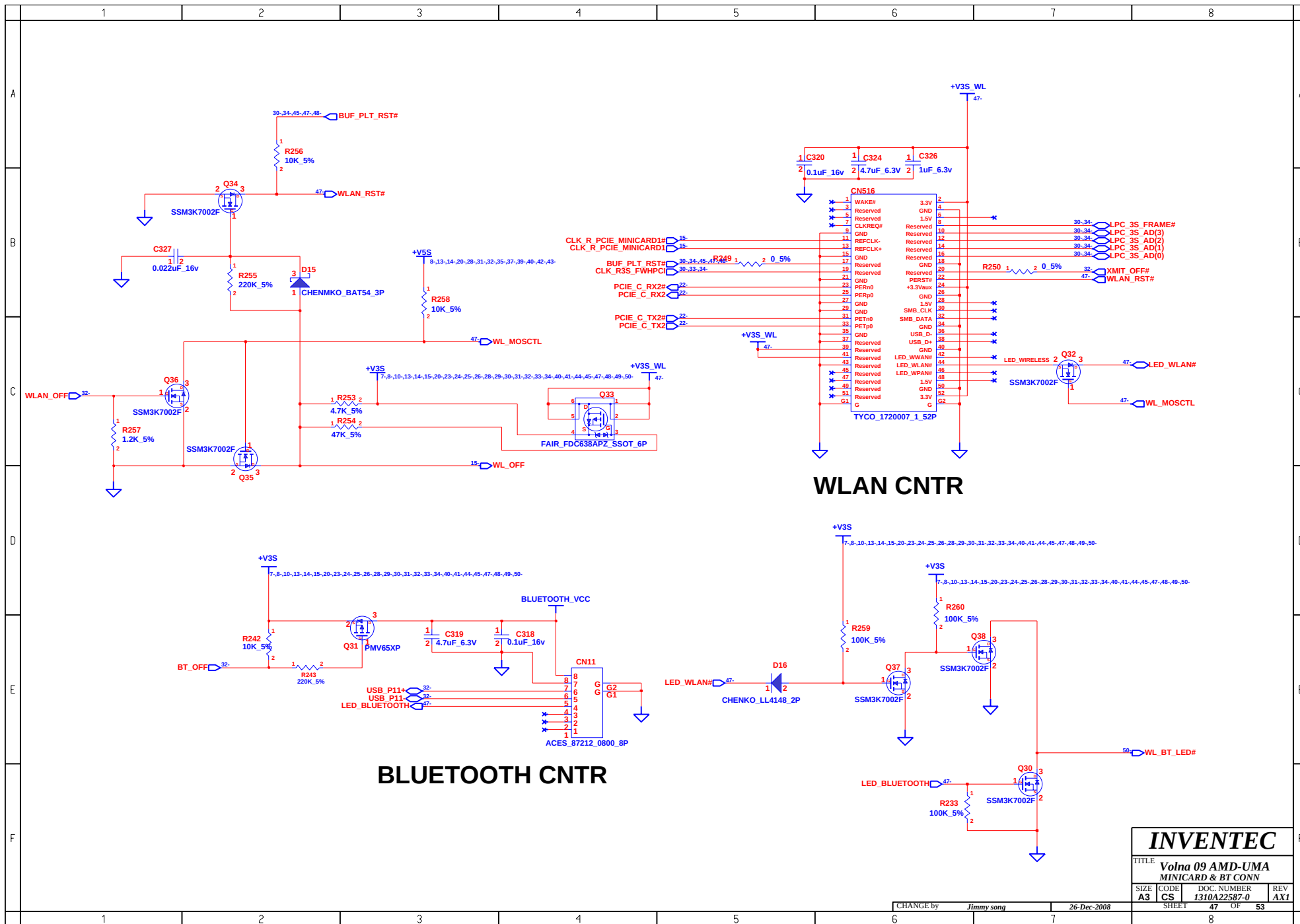
INVENTEC

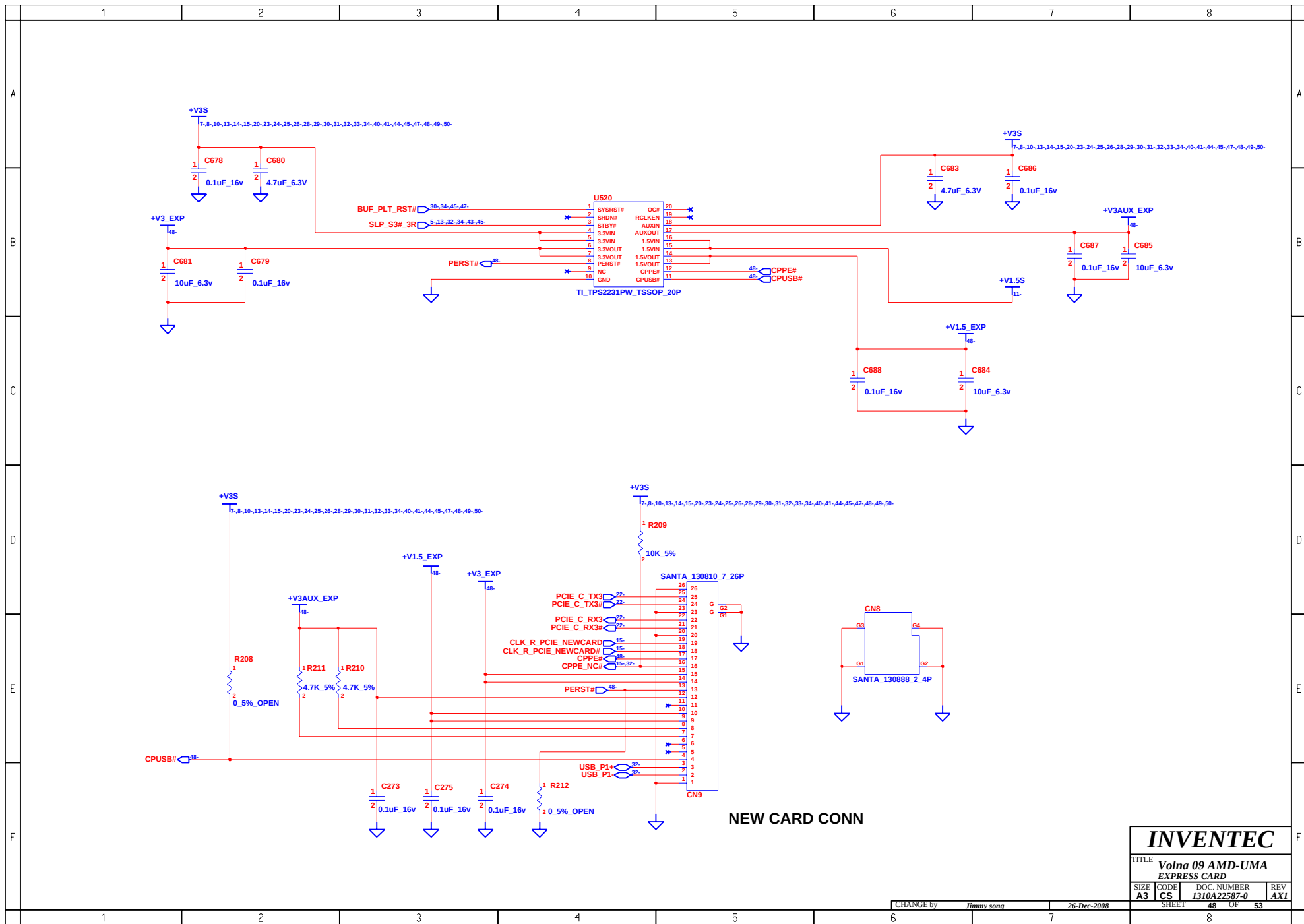
TITLE
Volna 09 AMD-UMA
NIC 10/100-RJ45 CONN

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22587-0	AX1

CHANGE by Jimmy song 26-Dec-2008

SHEET 46 OF 53



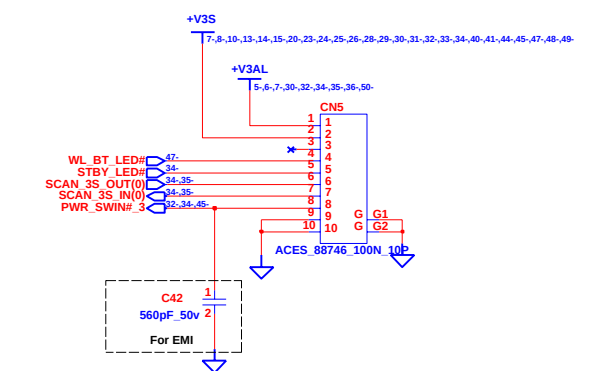


INVENTEC

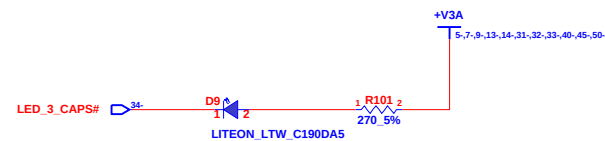
TITLE
**Volna 09 AMD-UMA
EXPRESS CARD**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22587-0	AX1

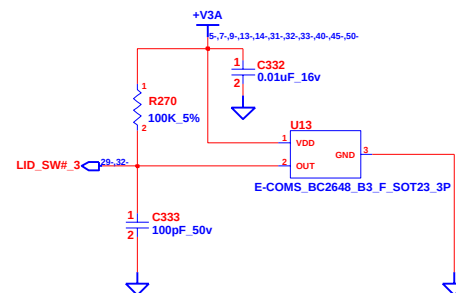
CHANGE by	DATE	SHEET	OF	53
Jimmy song	26-Dec-2008	48	OF	53



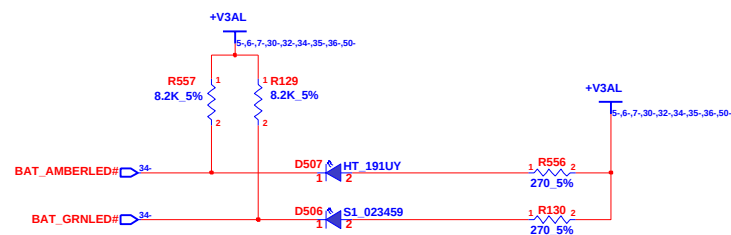
SWITCH DAUGHTER CONNECTOR



CAP LED



LID SWITCH



BATTERY-CHARGE LED

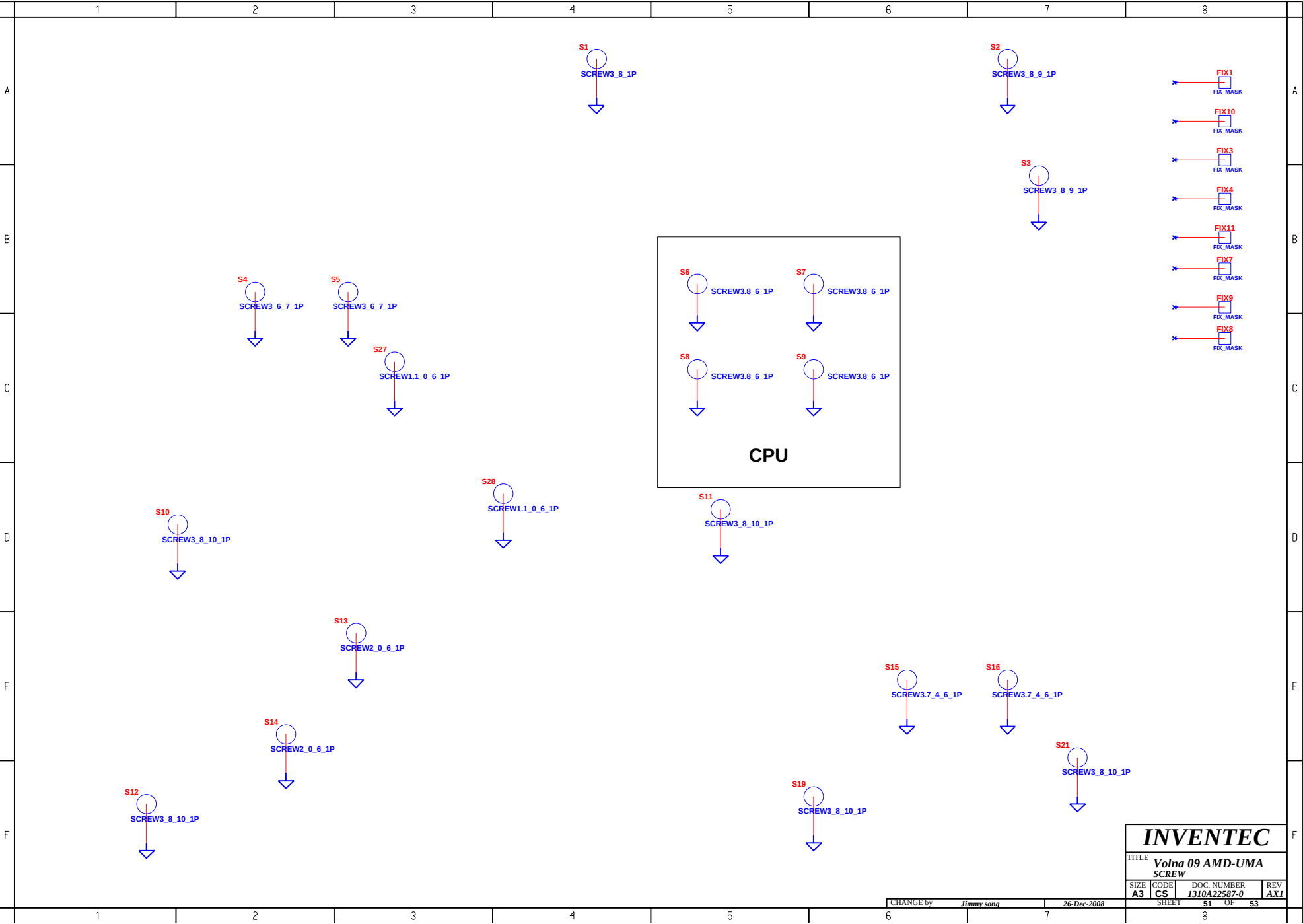
INVENTEC

TITLE
**Volna 09 AMD-UMA
BUTTON & LED**

SIZE A3	CODE CS	DOC. NUMBER I310A22587-0	REV AX1
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CHANGE by *Jimmy song* 26-Dec-2008

SHEET 50 OF 53



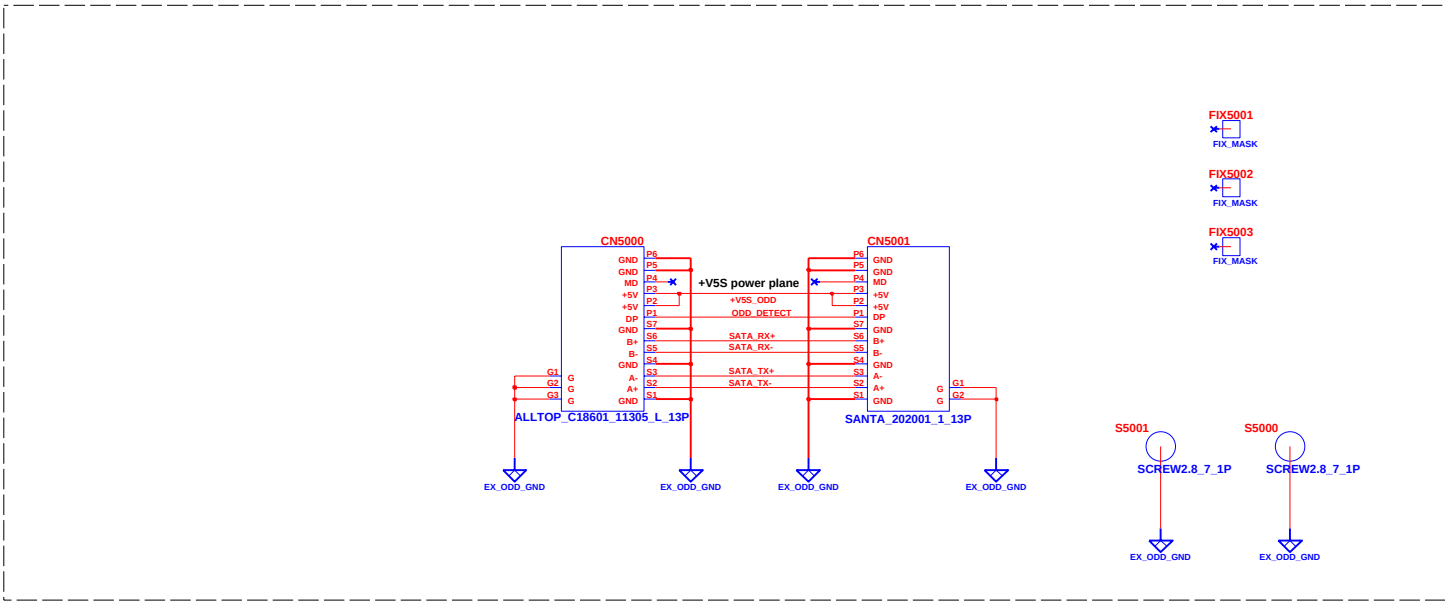
INVENTEC

TITLE
**Volna 09 AMD-UMA
SCREW**

SIZE A3	CODE CS	DOC. NUMBER I310A22587-0	REV AX1
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CHANGE by *Jimmy song* 26-Dec-2008

SHEET 51 OF 53



ODD Extension Board

INVENTEC			
TITLE Volna 09 AMD-UMA ODD Extention Board			
SIZE A3	CODE CS	DOC. NUMBER 1310A22587-0	REV AX1
CHANGE by Jimmy song		26-Dec-2008	SHEET 52 OF 53

