

Milwaukee 10M

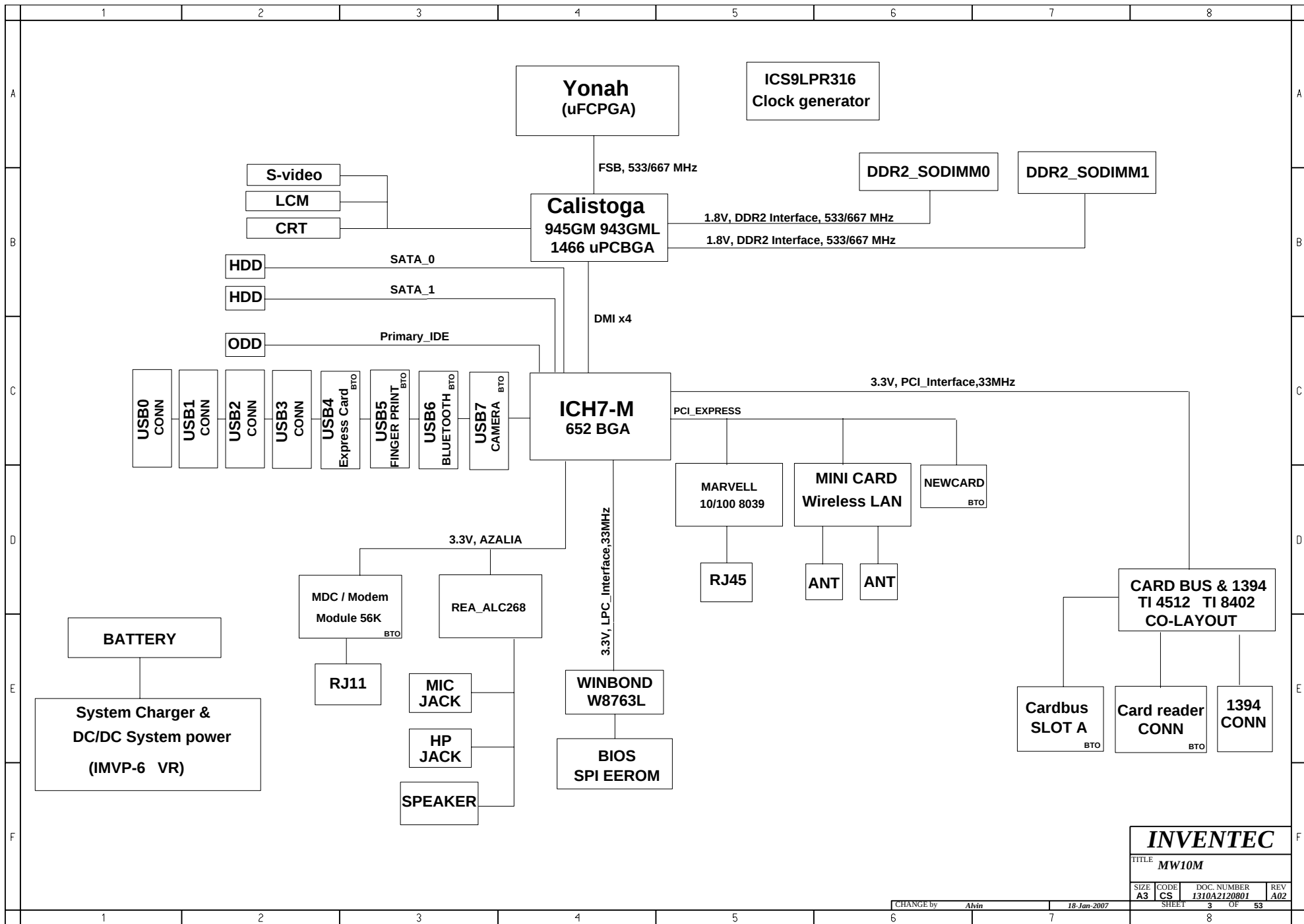
PreMP BUILD

2007 0212

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC			
DESIGN					TITLE MW10M			
CHECK								
RESPONSIBLE								
SIZE = 3					SIZE	CODE	DOC. NUMBER	REV
FILE NAME : XXXX-XXXXXX-XX					A3	CS	1310A2120801	A02
P/N	XXXXXXXXXXXX				SHEET 1 OF 53			

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A	TABLE OF CONTENTS								
B	PAGE				PAGE				
C	1.COVER PAGE				33.CARDBUS CONTROLLER				
	2.INDEX				34.PCMCIA CONN				
	3.BLOCK DIAGRAM				35.5 IN 1 CARD SLOT				
	4.POWER SEQUENCE BLOCK				36.1394 CONTROLLER				
	5-11.SYSTEM POWER				37.EXPRESS CARD CONN				
	12.CLOCK GENERATOR				38.LAN CONTROLLER				
	13.CPU Yonah1				39.RJ45 & TRANSFORMER				
	14.CPU Yonah2				40.WLAN				
	15.CPU Yonah3				41.SATA HDD1 CONN & SATA HDD2 CONN				
	16.FAN & THERMAL CONTROLLER				42.CAMERA & CIR & MDC & Fingerprint & Bluetooth				
	17.N/B Calistoga 1				43.ODD CONN				
	18.N/B Calistoga 2				44.USB CONN				
D	19.N/B Calistoga 3				45.KBC				
	20.N/B Calistoga 4				46.K/B & TP/B CONN				
	21.N/B Calistoga 5				47.AZALIA CODEC				
	22.N/B Calistoga 6				48.AUDIO AMP & MIC & HP				
	23.DDR2 DIMM0				49.LED(M/B) & HOTKEY/B CONN				
	24.DDR2 DIMM1				50.PICK BUTTON BOARD				
E	25.DDR DAMPING				51.KILL SWITCH& HALL SENSOR				
	26.CRT CONN				52.DRILL HOLE				
	27.S-VIDEO CONN				53.EMI				
	28.LCM CONN								
	29.S/B ICH7 1								
	30.S/B ICH7 2								
	31.S/B ICH7 3								
F	32.S/B ICH7 4								
						INVENTEC TITLE MW10M SIZE A3CODE CSDOC. NUMBER 1310A2120801REV A02 SHEET 2 OF 53			
	1	2	3	4	5	6	7	8	



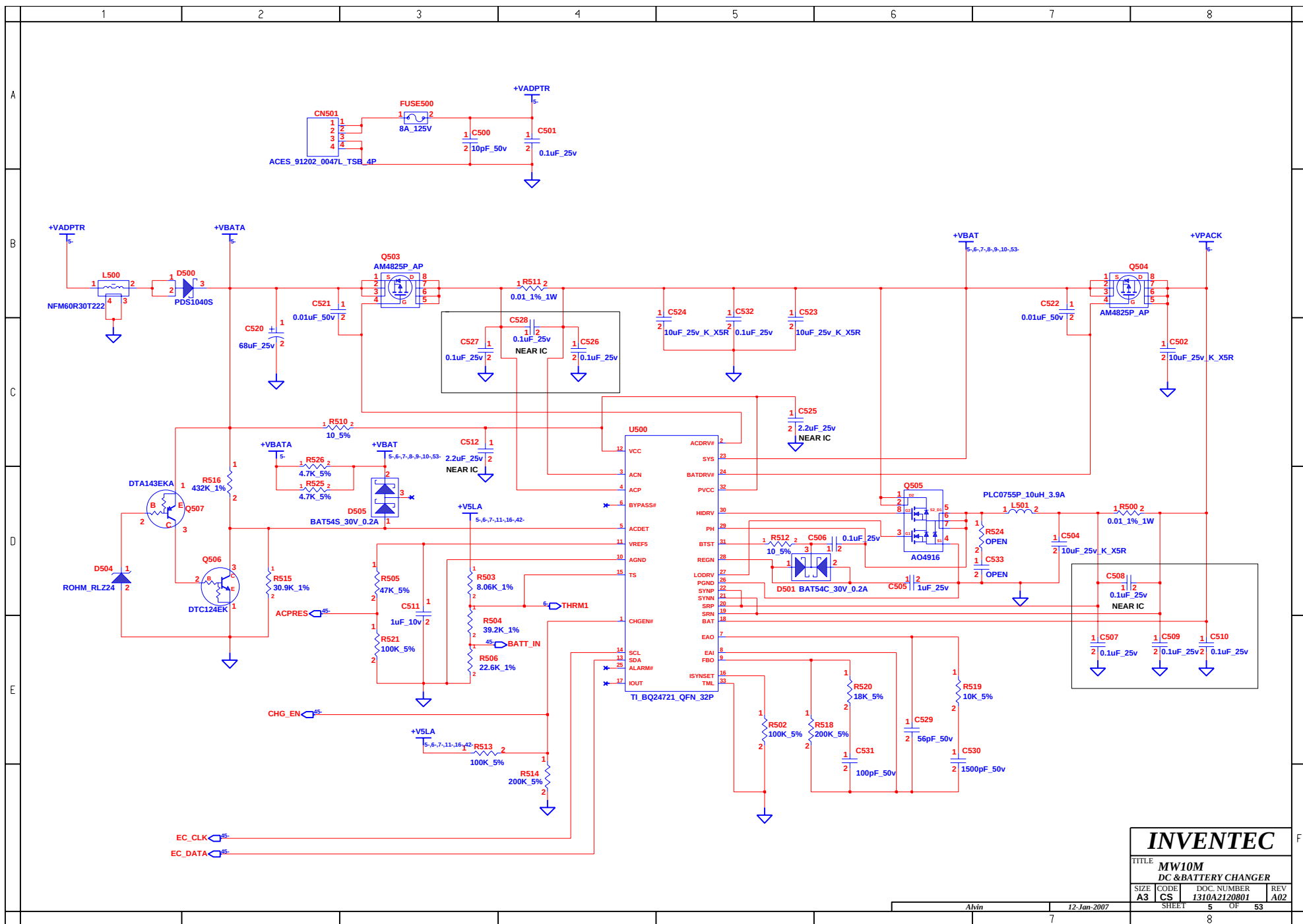
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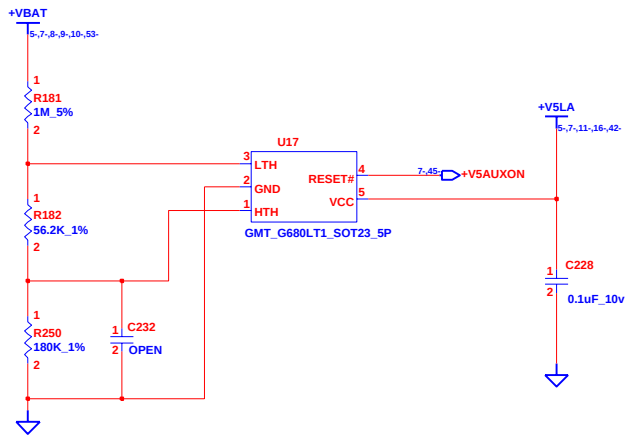
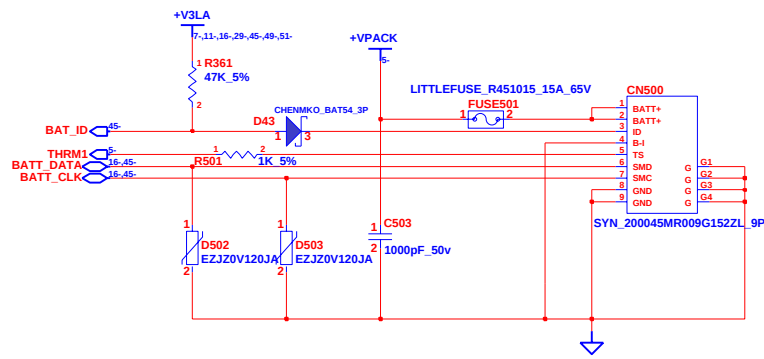
TITLE **MW10M**

SIZE A3	CODE CS	DOC. NUMBER I310A2120801	REV A02
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CHANGE by *Alvin* 18-Jan-2007

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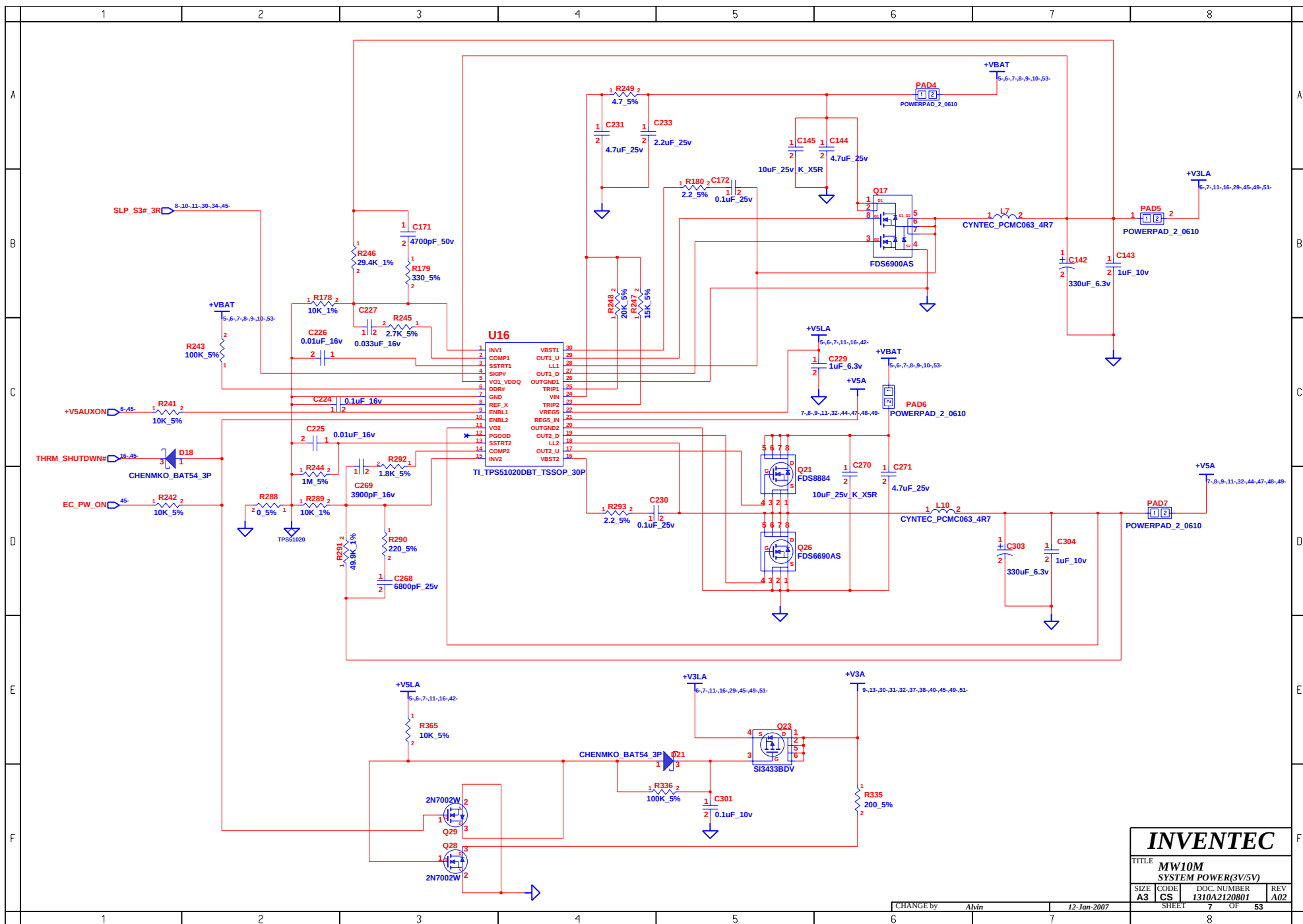


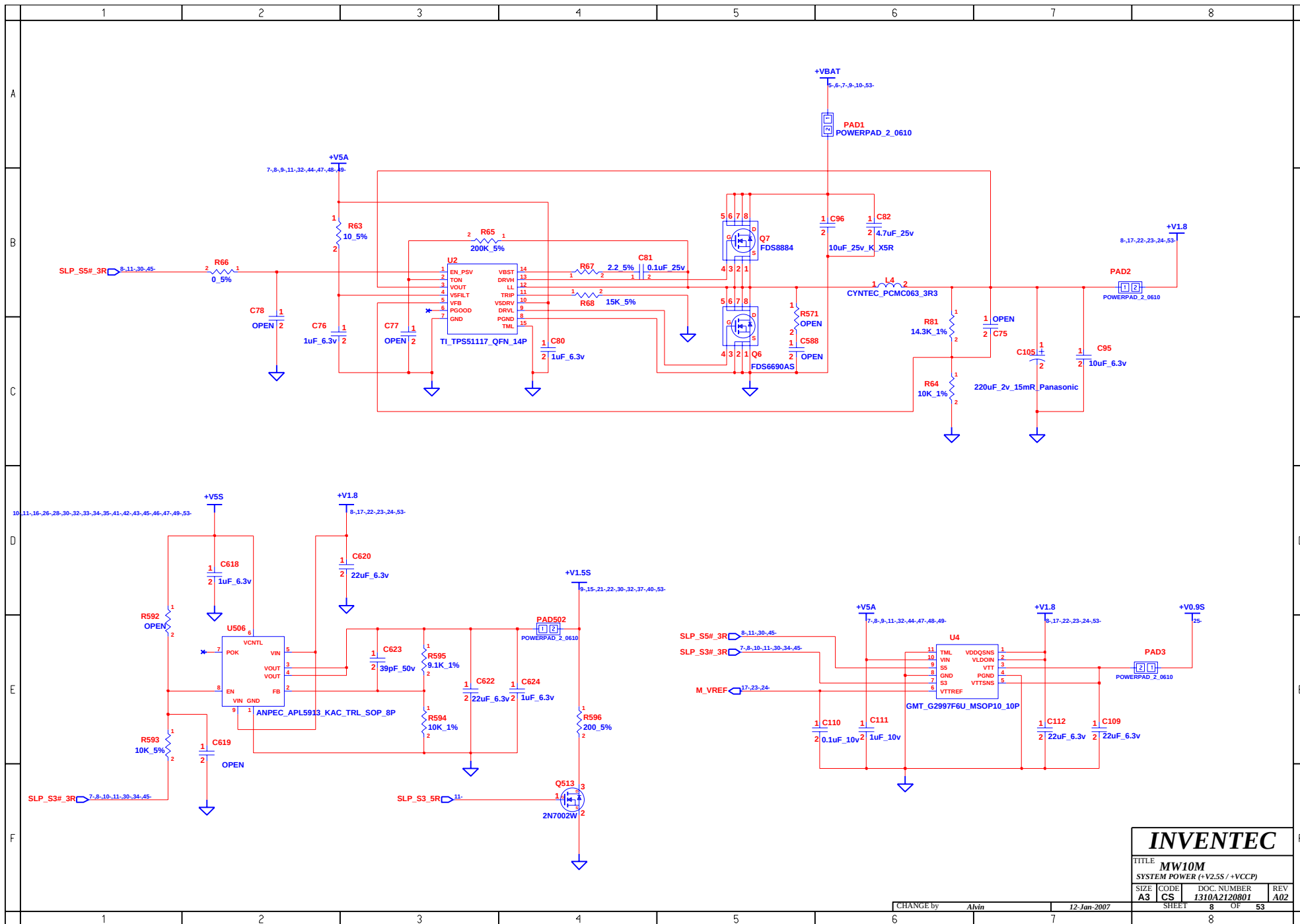
INVENTEC

TITLE			
MW10M BATTERY CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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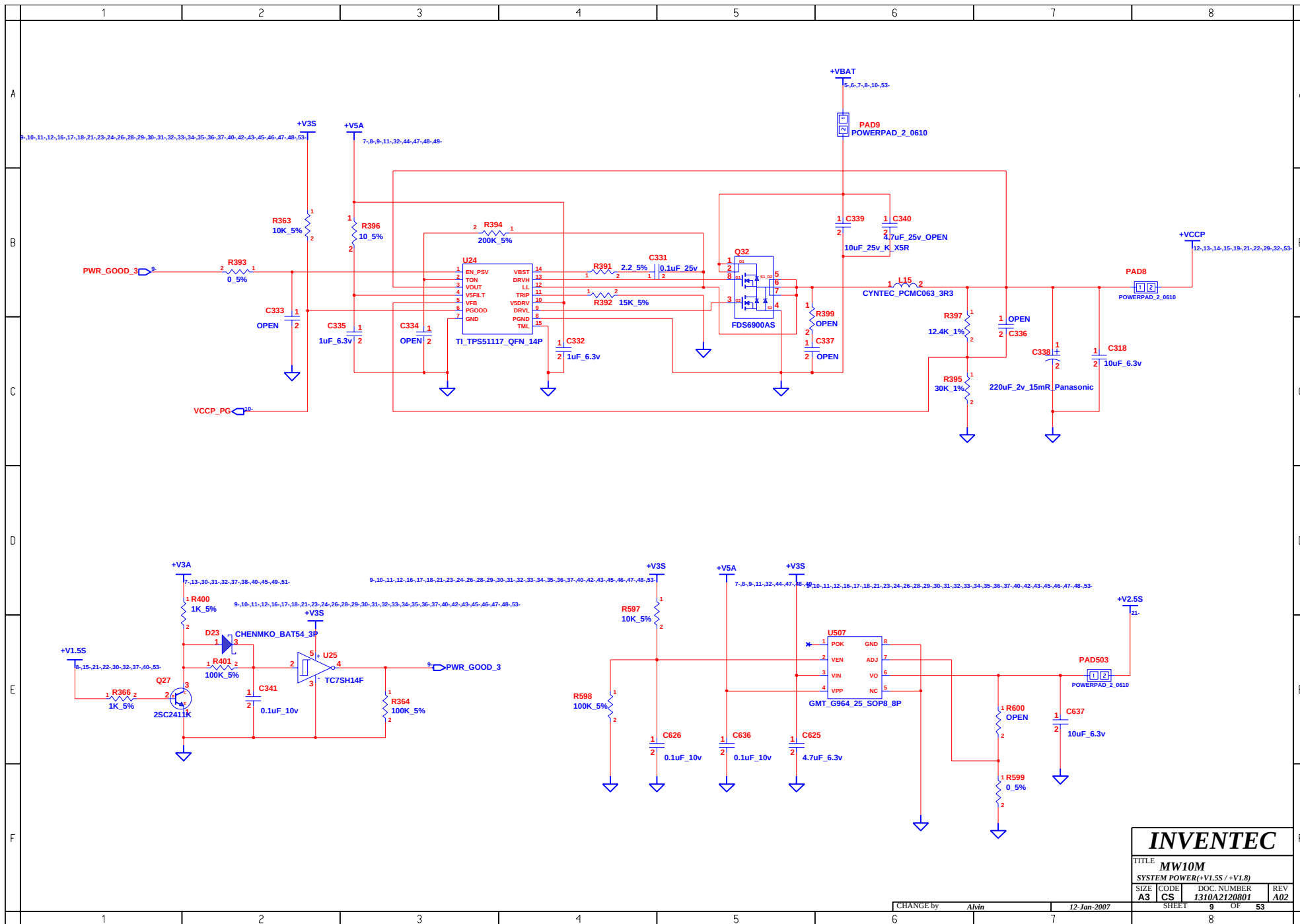




INVENTEC			
TITLE			
MW10M			
SYSTEM POWER (+V2.5S / +VCCP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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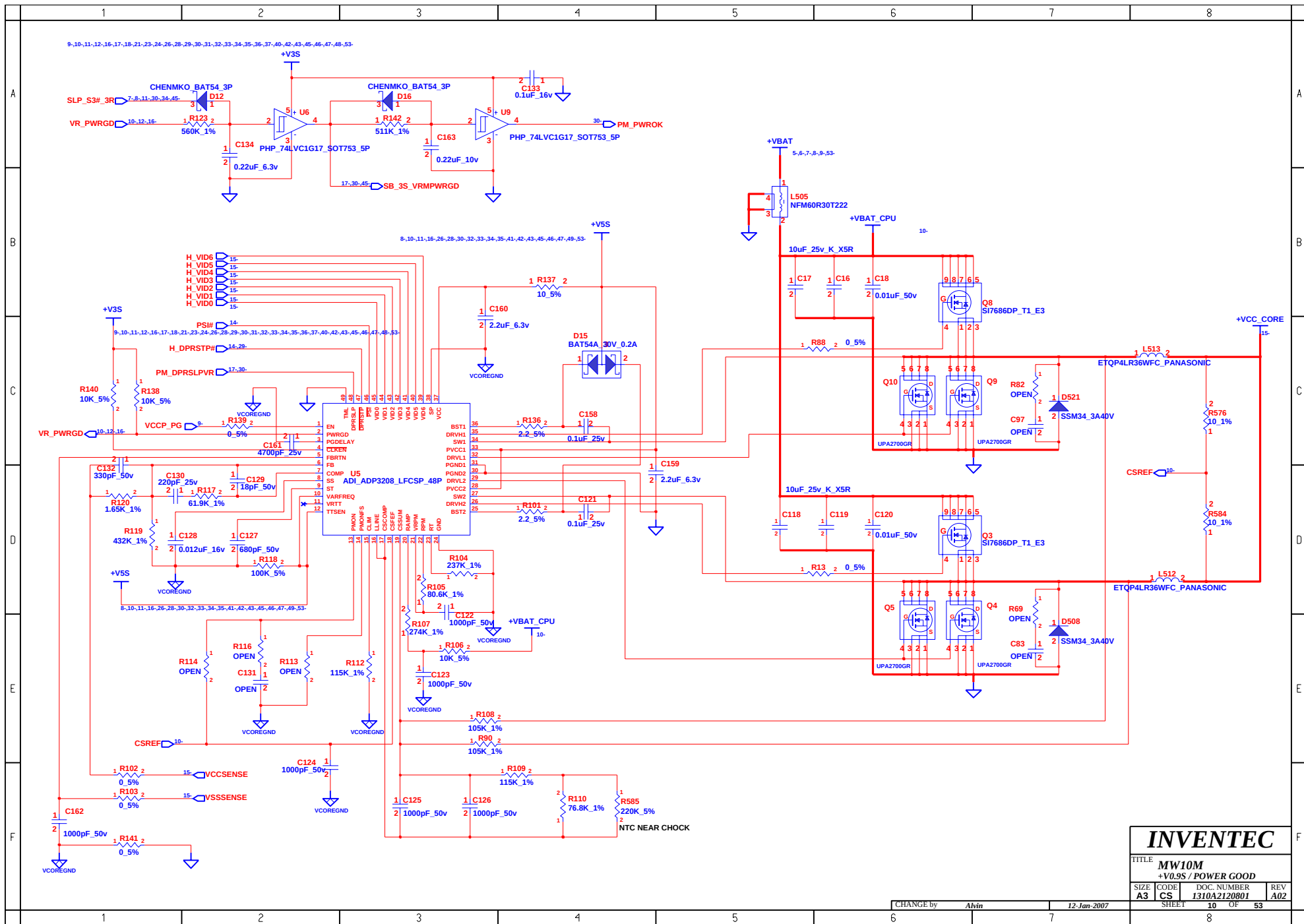
INVENTEC

TITLE
MW10M
SYSTEM POWER(+V1.5S / +V1.8)

SIZE A3	CODE CS	DOC. NUMBER I310A2120801	REV A02
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CHANGE by *Alvin* 12-Jan-2007

SHEET 9 OF 53

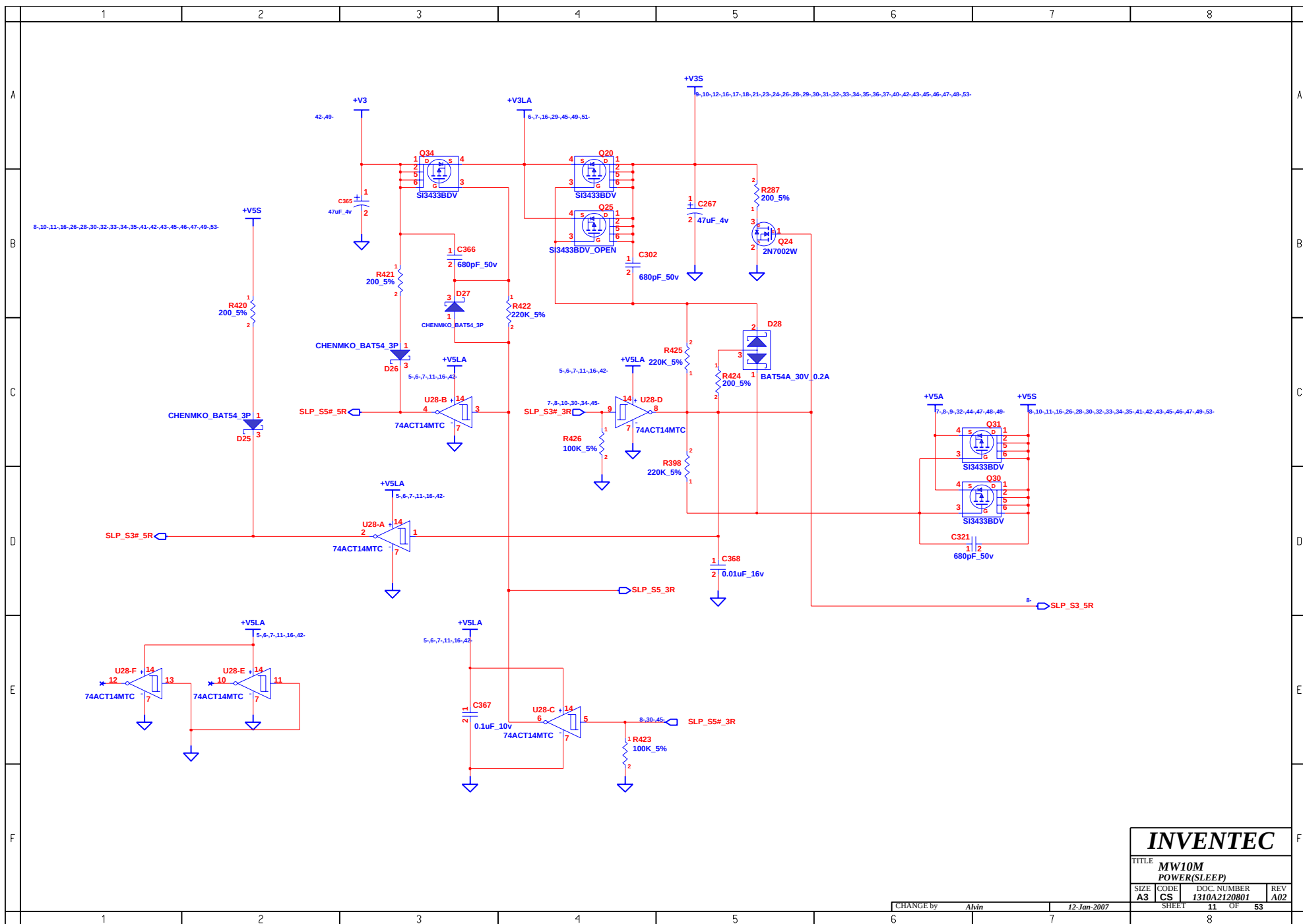


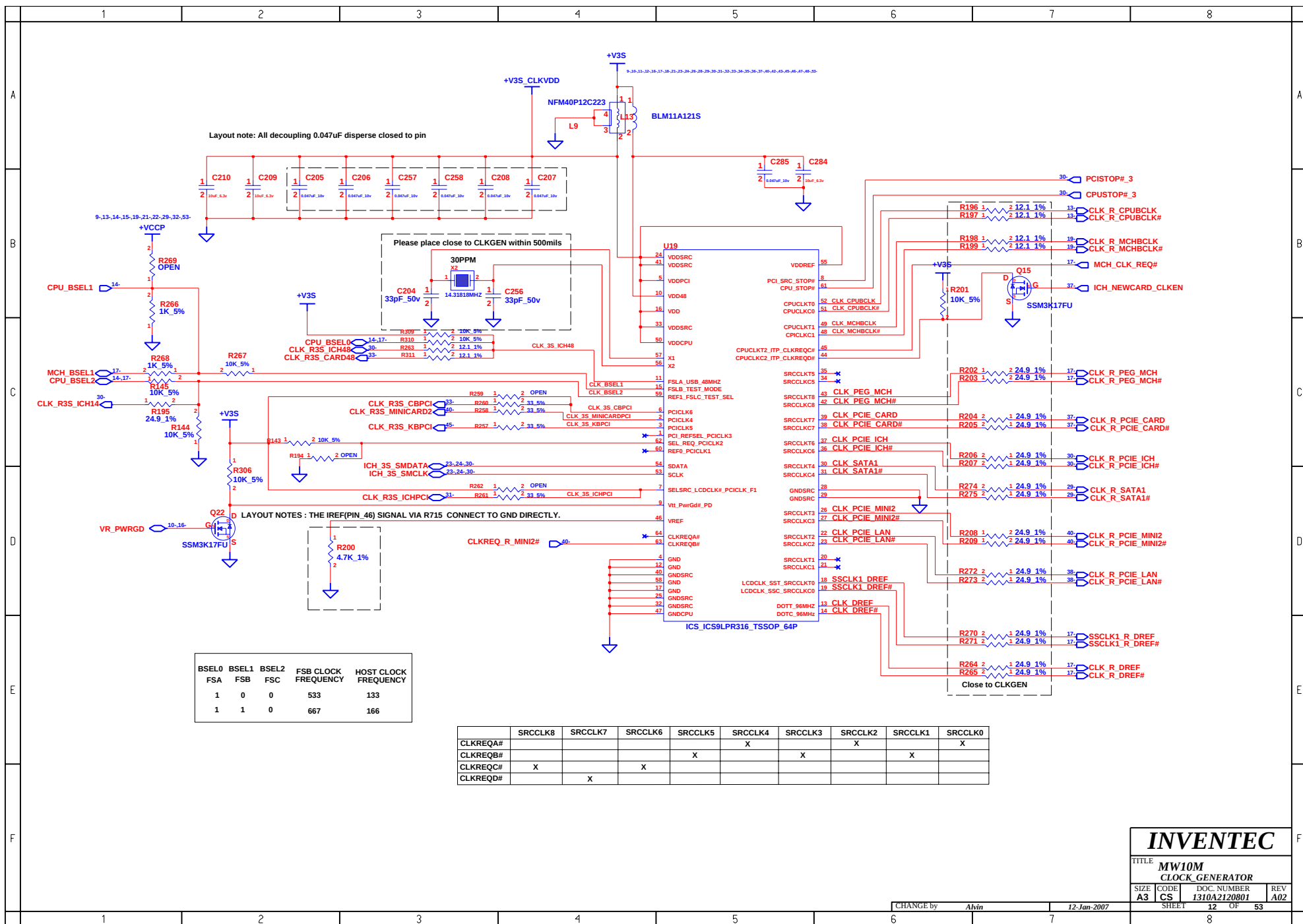
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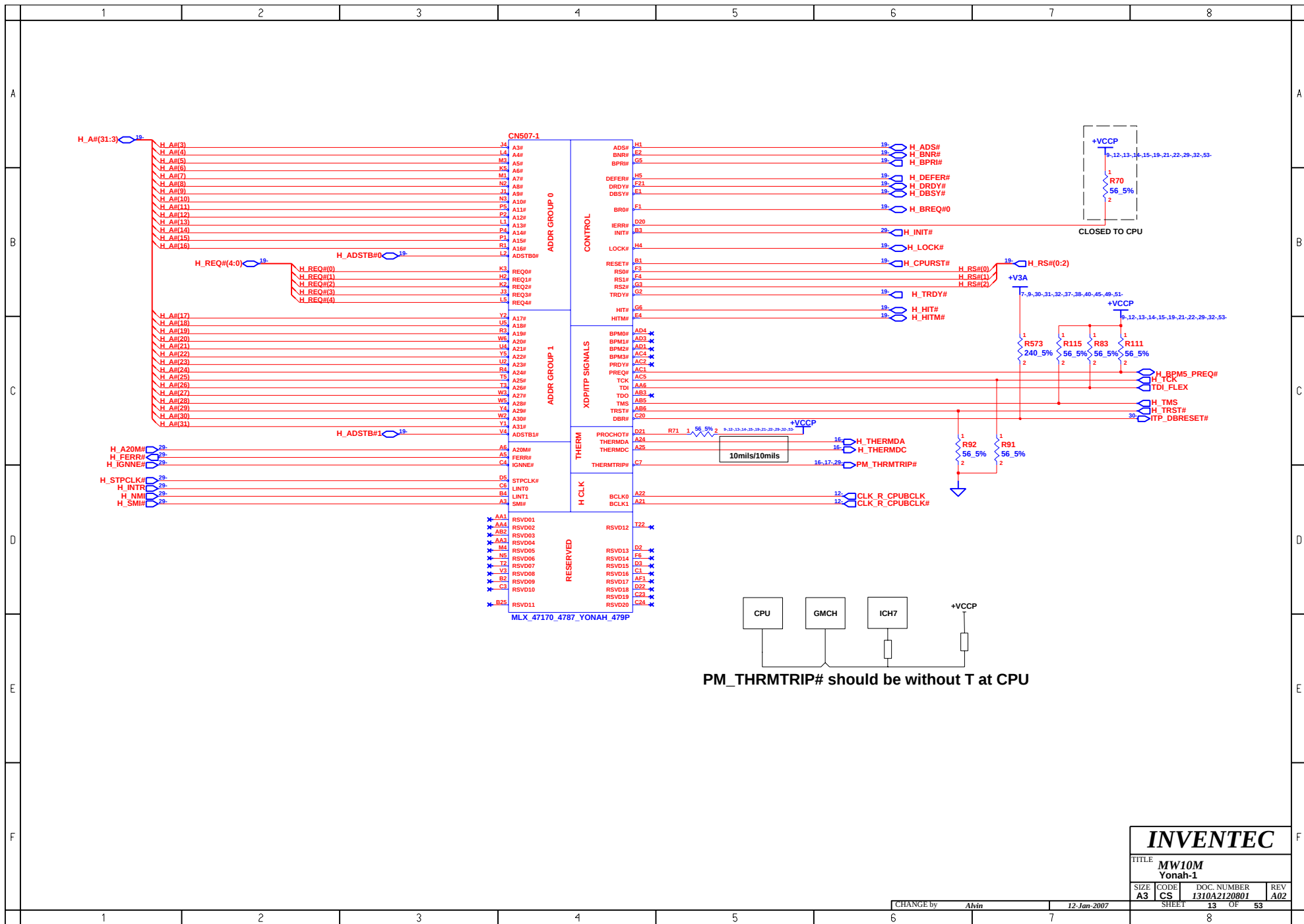
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MW10M			
+V0.9S / POWER GOOD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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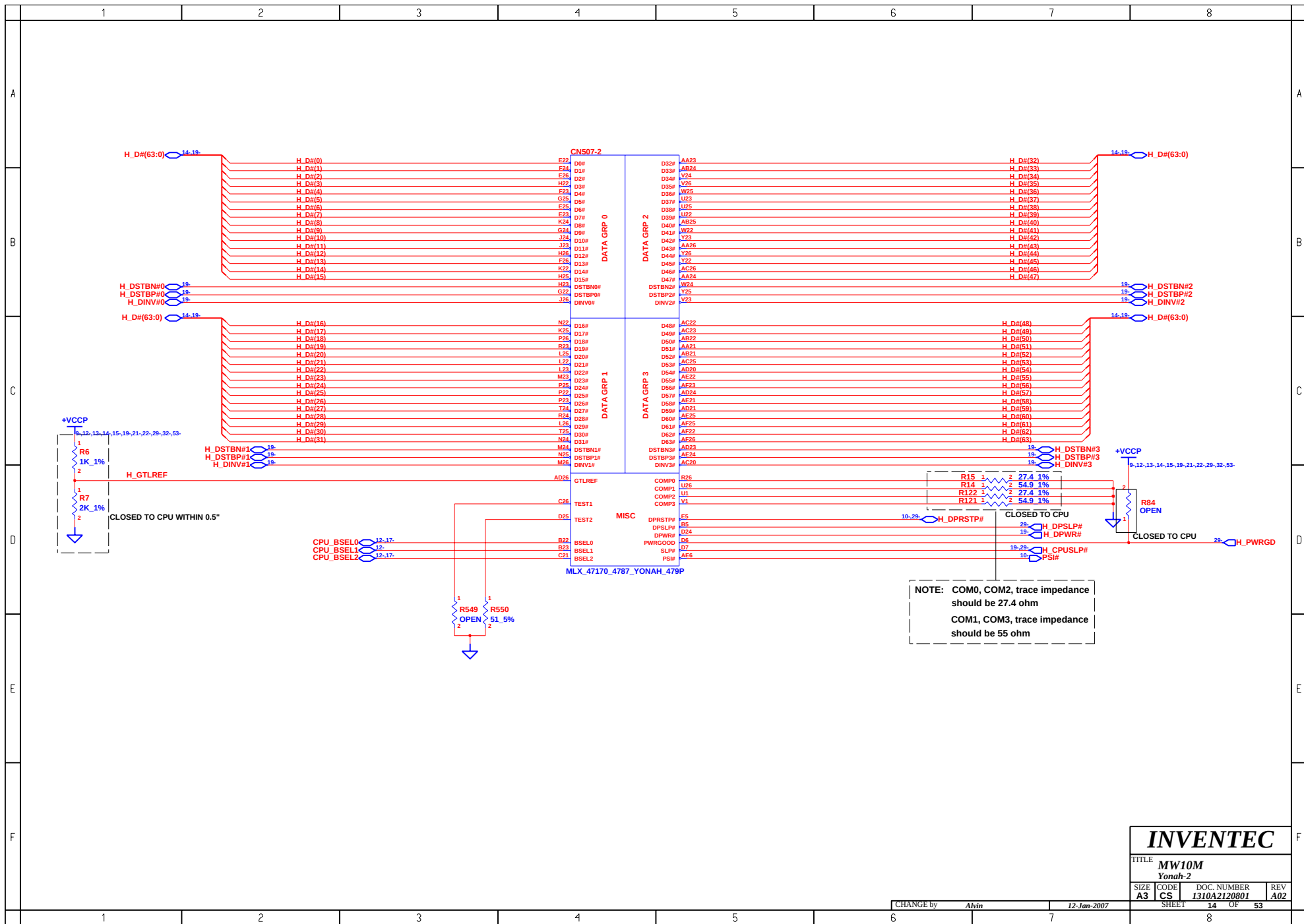


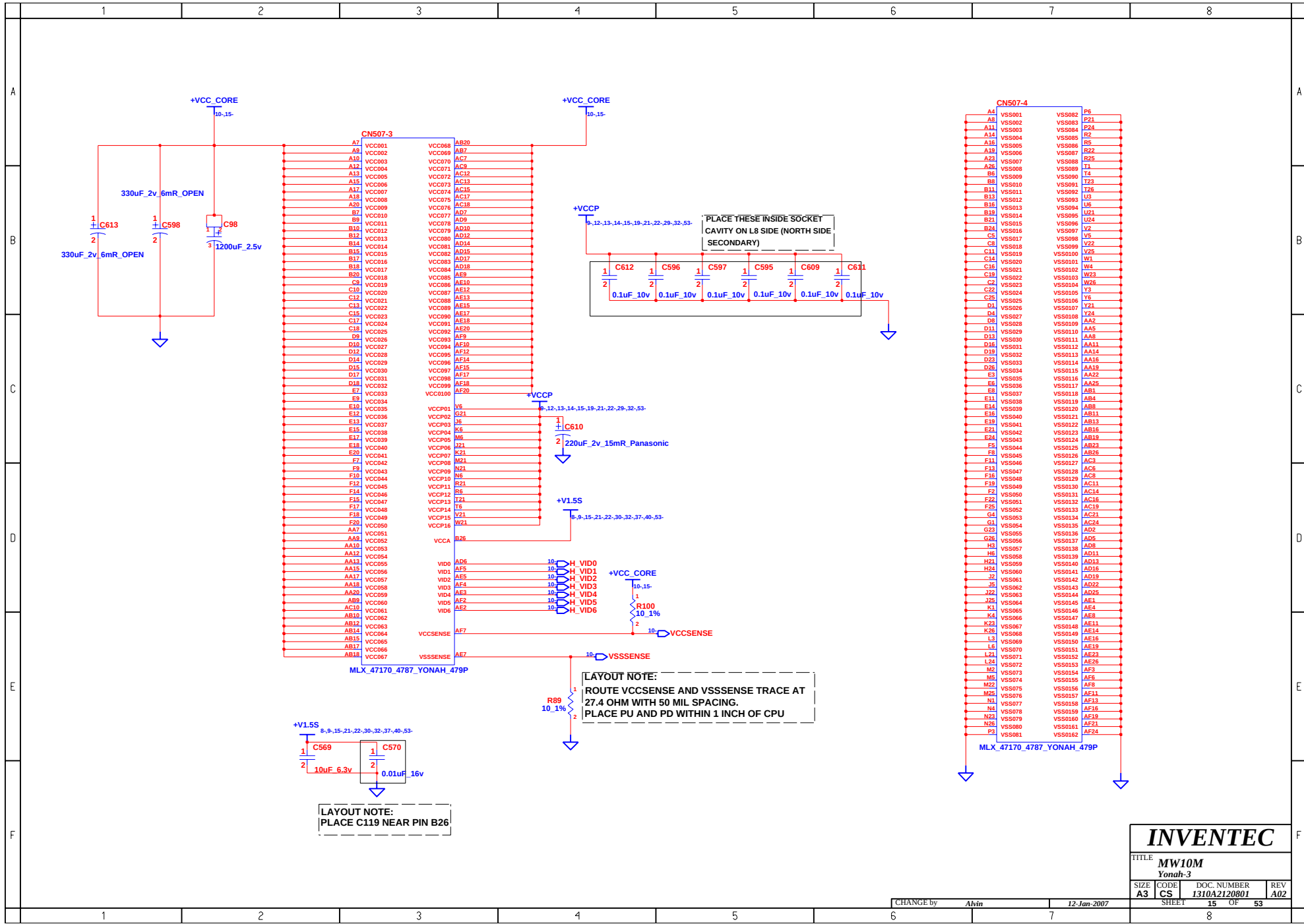
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TITLE			
MW10M			
Yonah-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02

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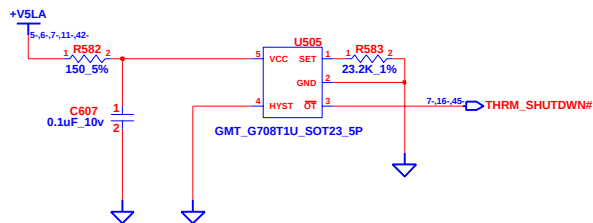
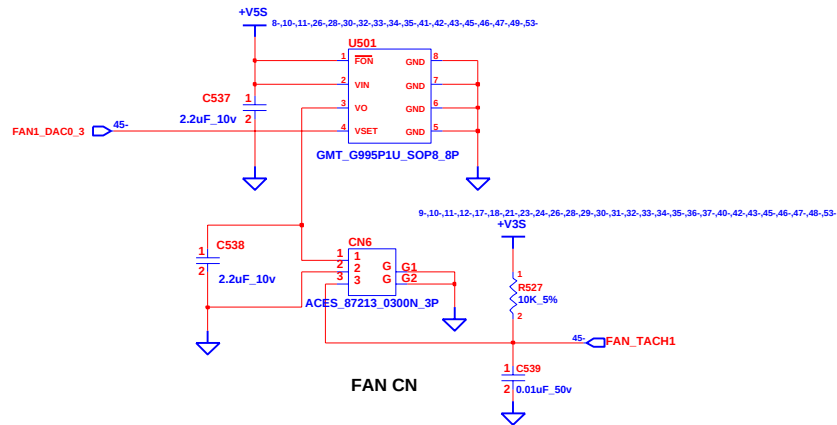


INVENTEC

TITLE MW10M Yonah-3			
SIZE A3	CODE CS	DOC. NUMBER 1310A2120801	REV A02

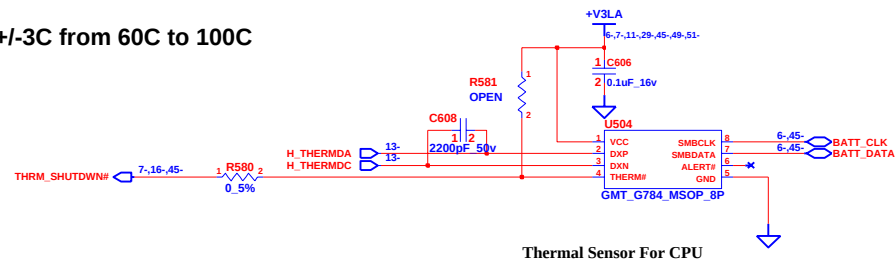
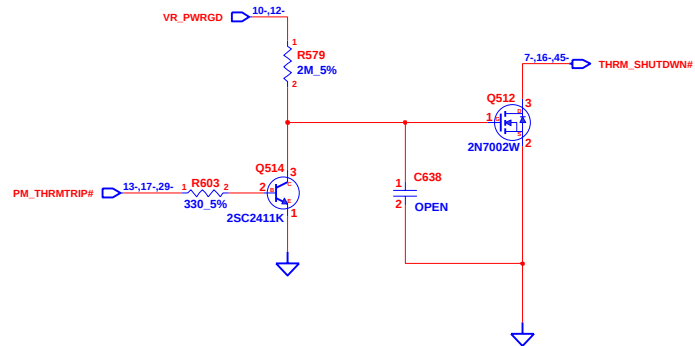
CHANGE by Alvin 12-Jan-2007

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Thermal shutdown at 88C +/-3C from 60C to 100C

Hysteresis is 30C



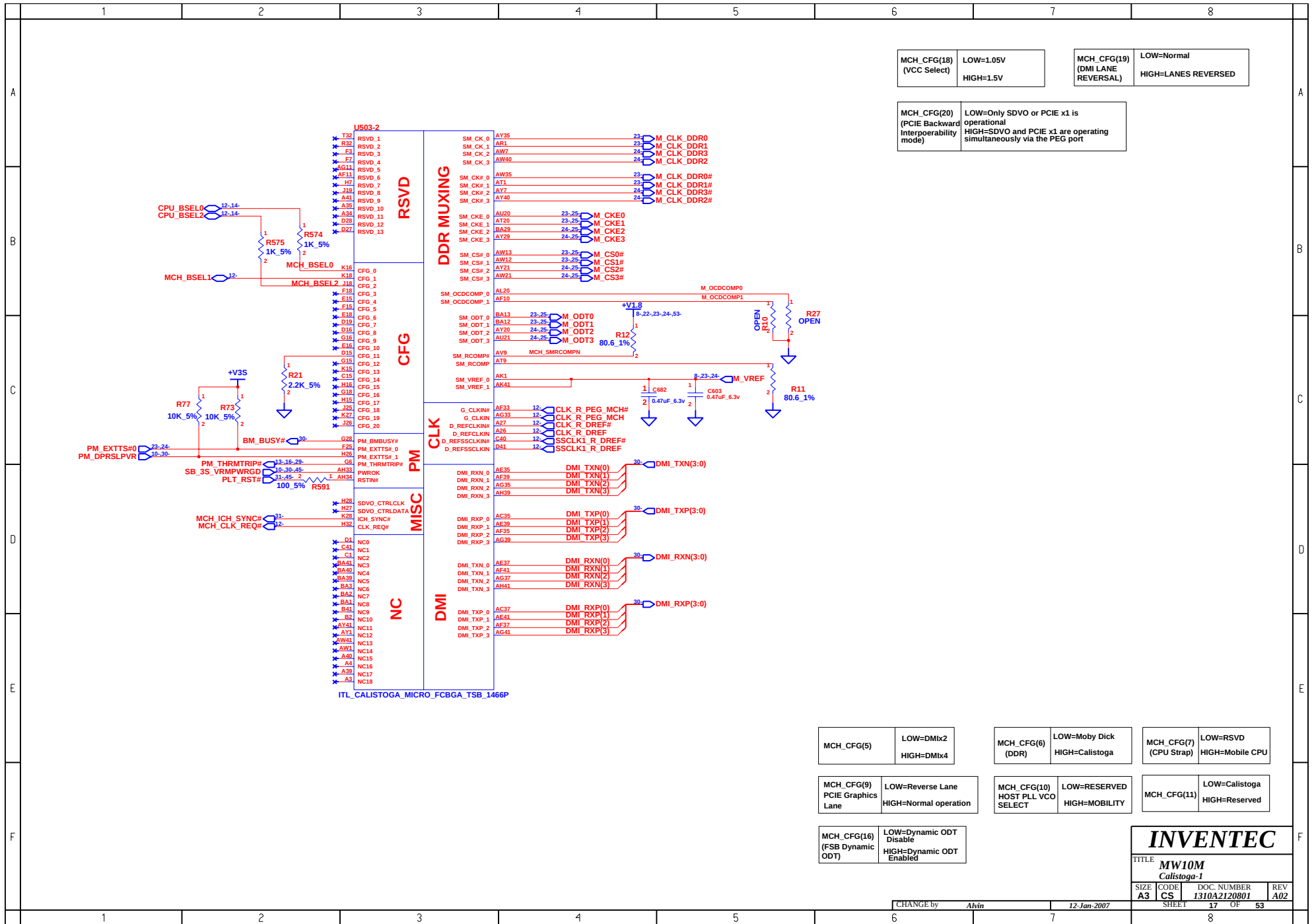
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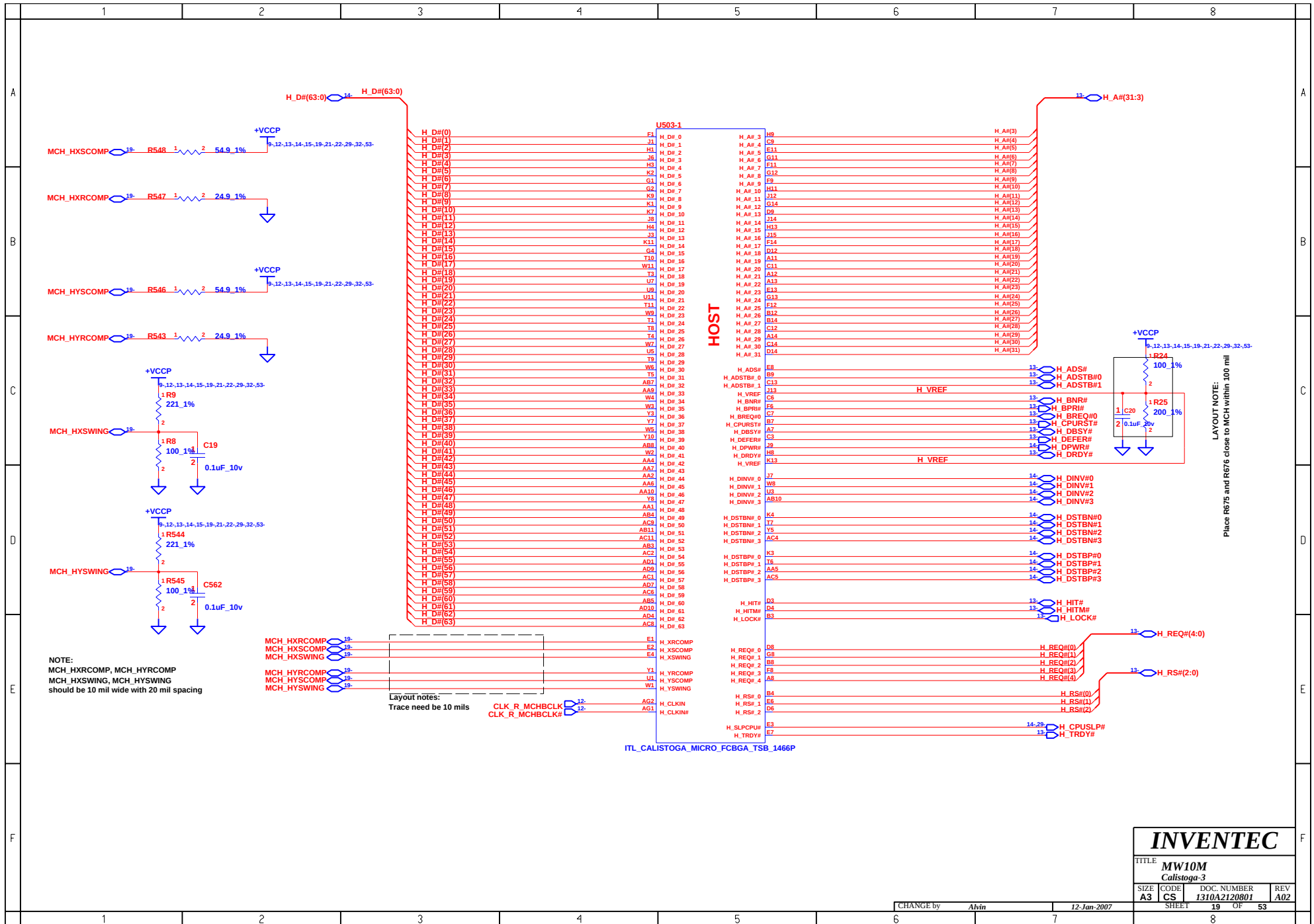
INVENTEC

TITLE			
MW10M			
THERMAL&FAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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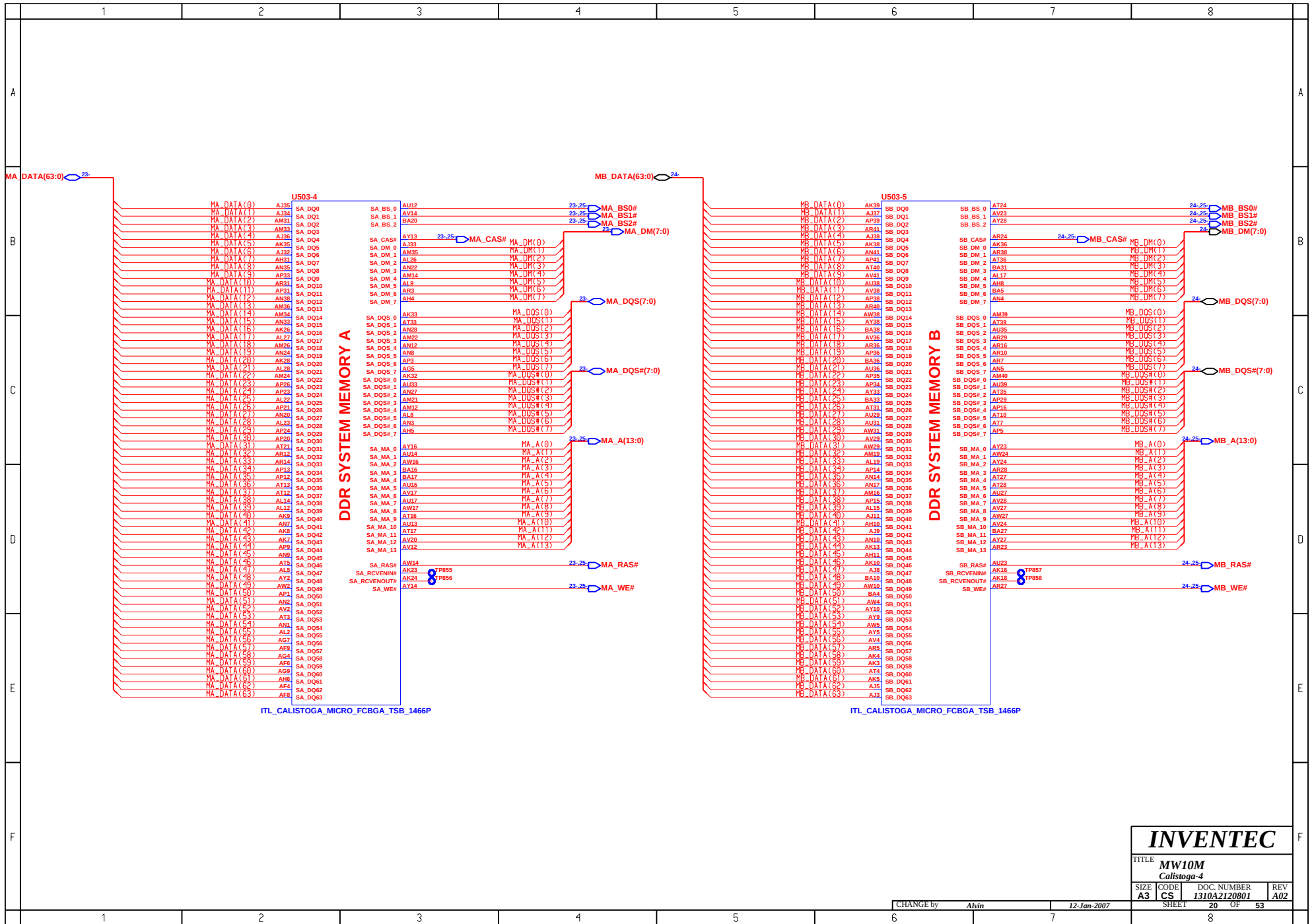
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TITLE
MW10M
Calistoga-3

SIZE A3	CODE CS	DOC. NUMBER I310A2120801	REV A02
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CHANGE by **Alvin** 12-Jan-2007

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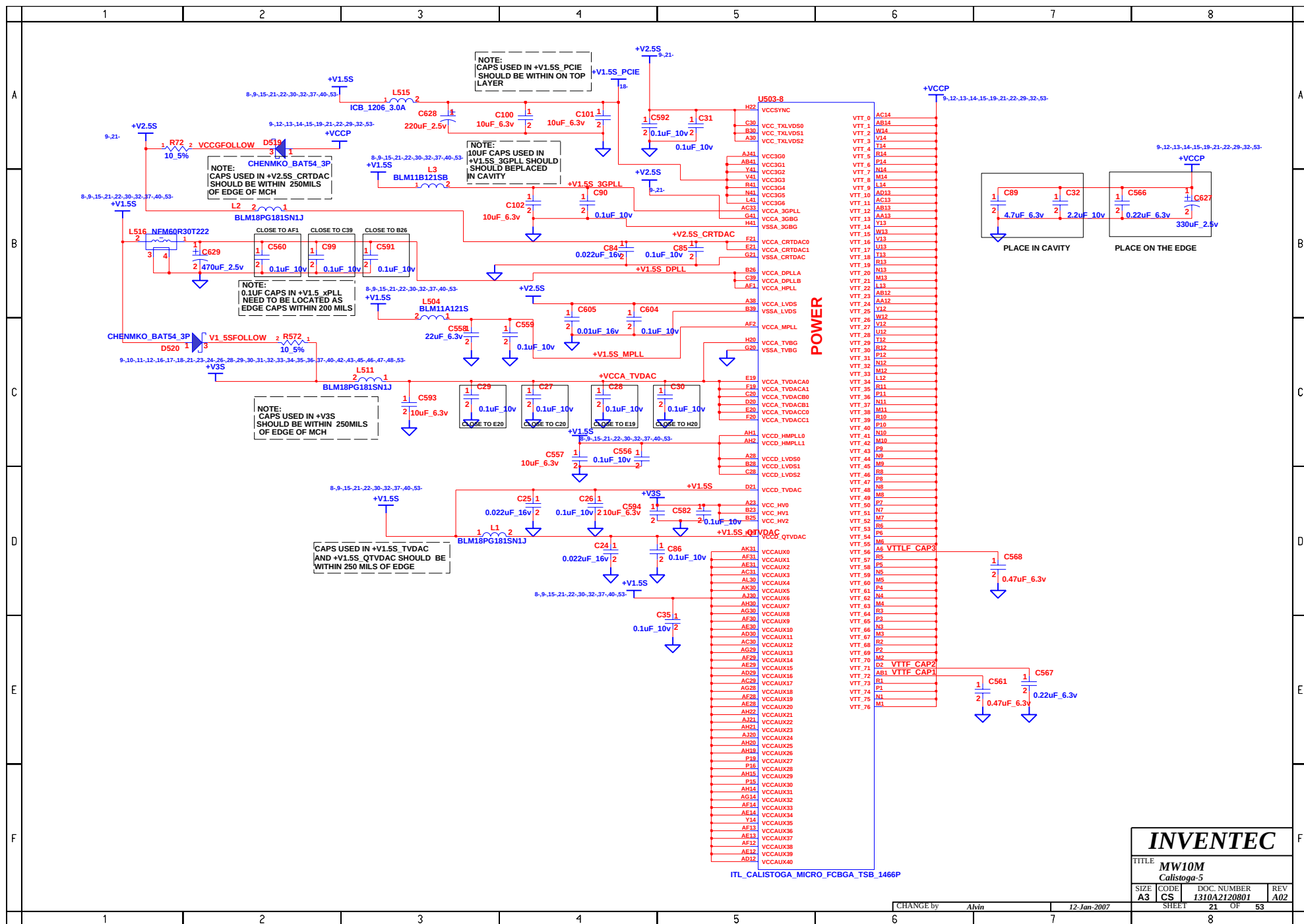
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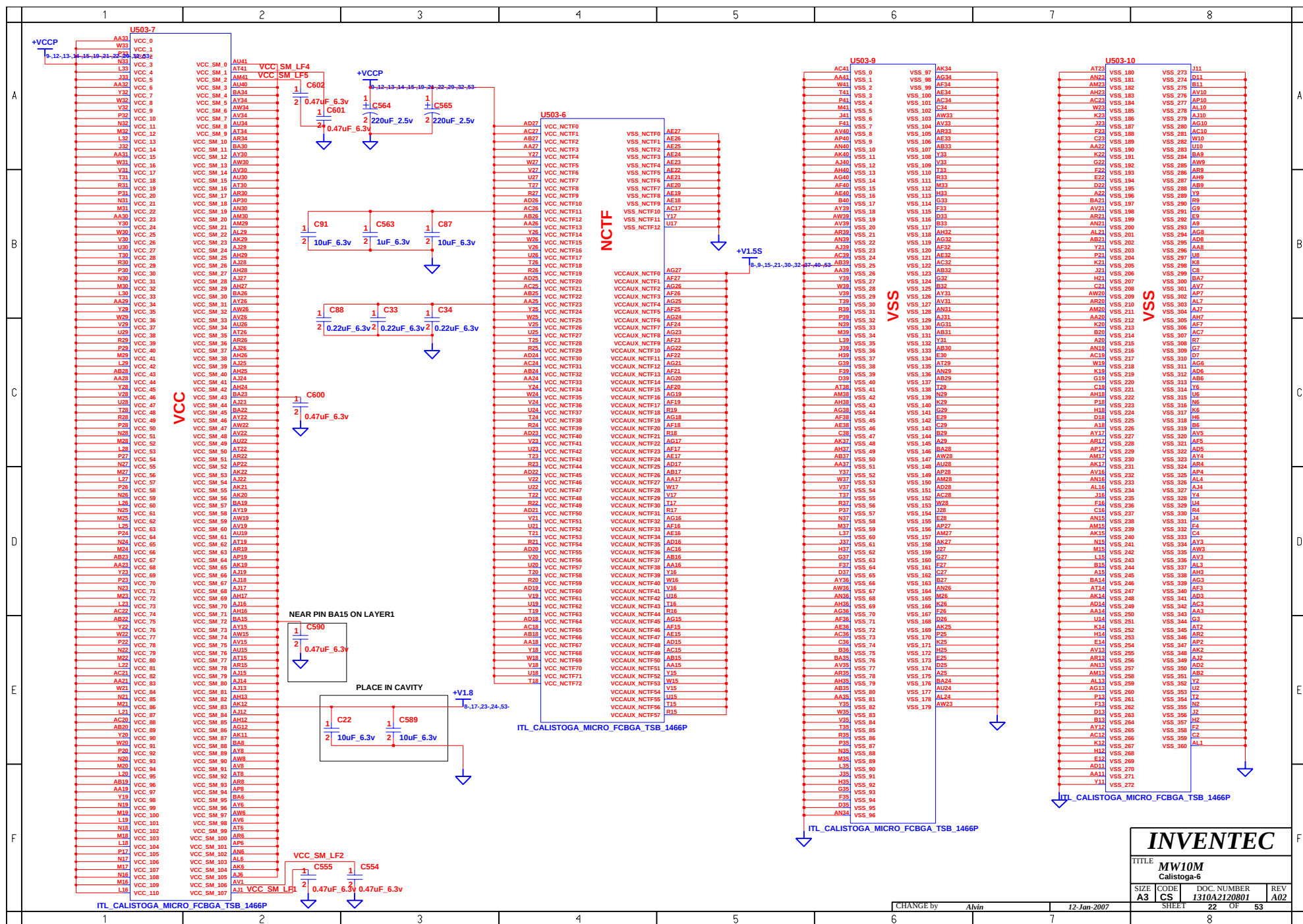
TITLE
MW10M
Calistoga-4

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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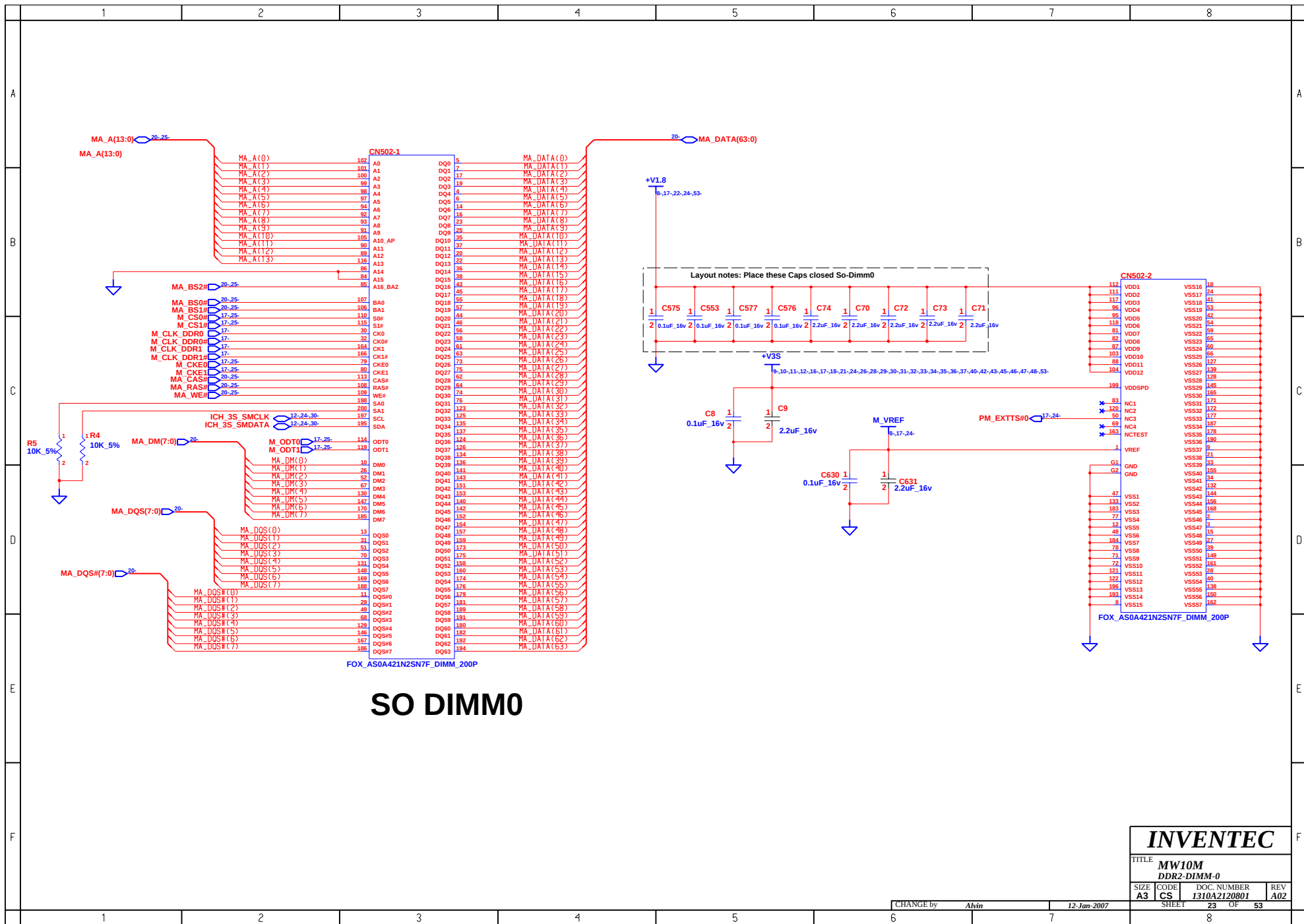


INVENTEC

TITLE	MW10M Calistoga-6
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SIZE A3	CODE CS	DOC. NUMBER 1310A2120801	R A
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CHANGE by	<i>Alvin</i>	<i>12-Jan-2002</i>
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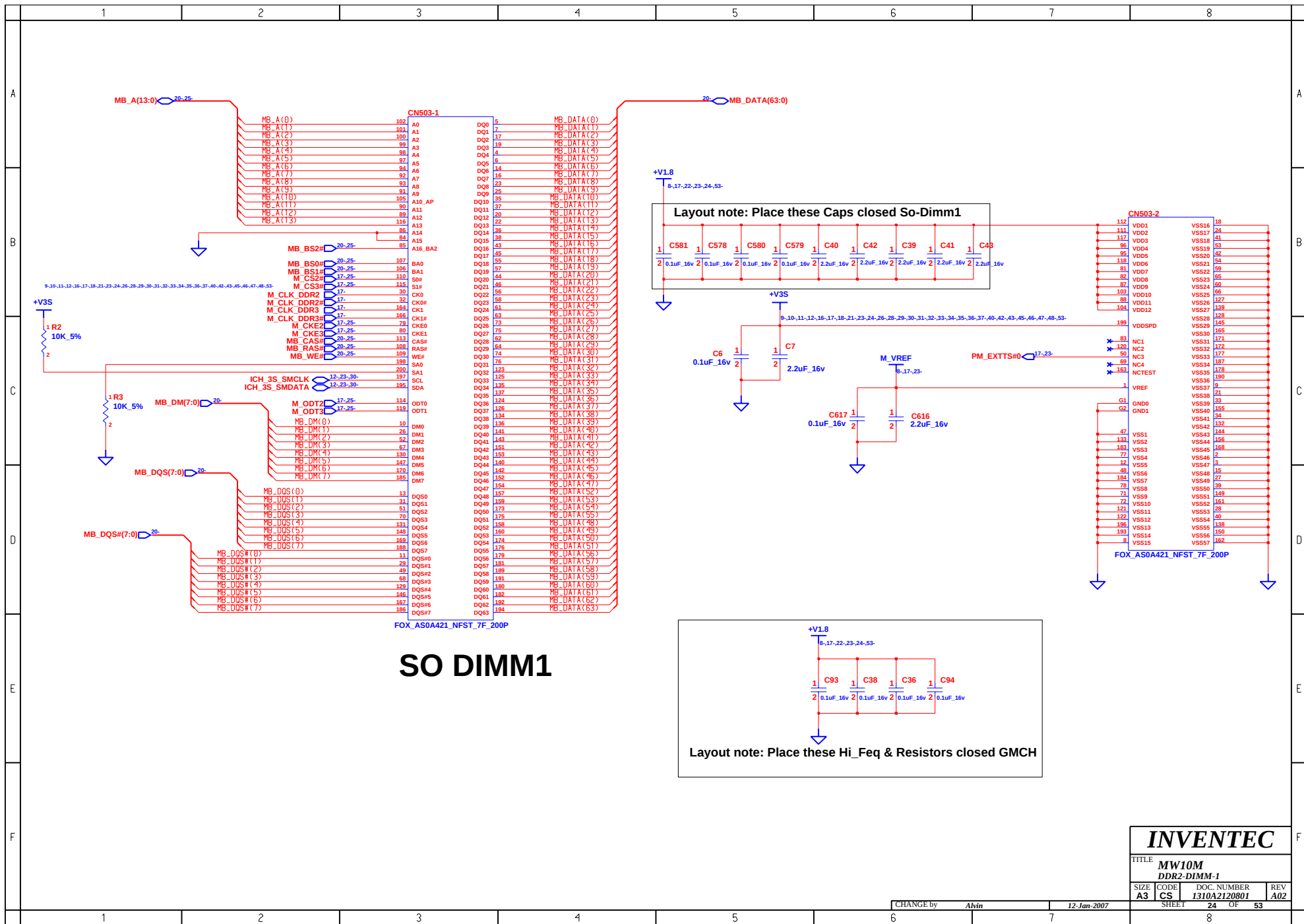
SO DIMM0

INVENTEC

TITLE			
MW10M			
DDR2-DIMM-0			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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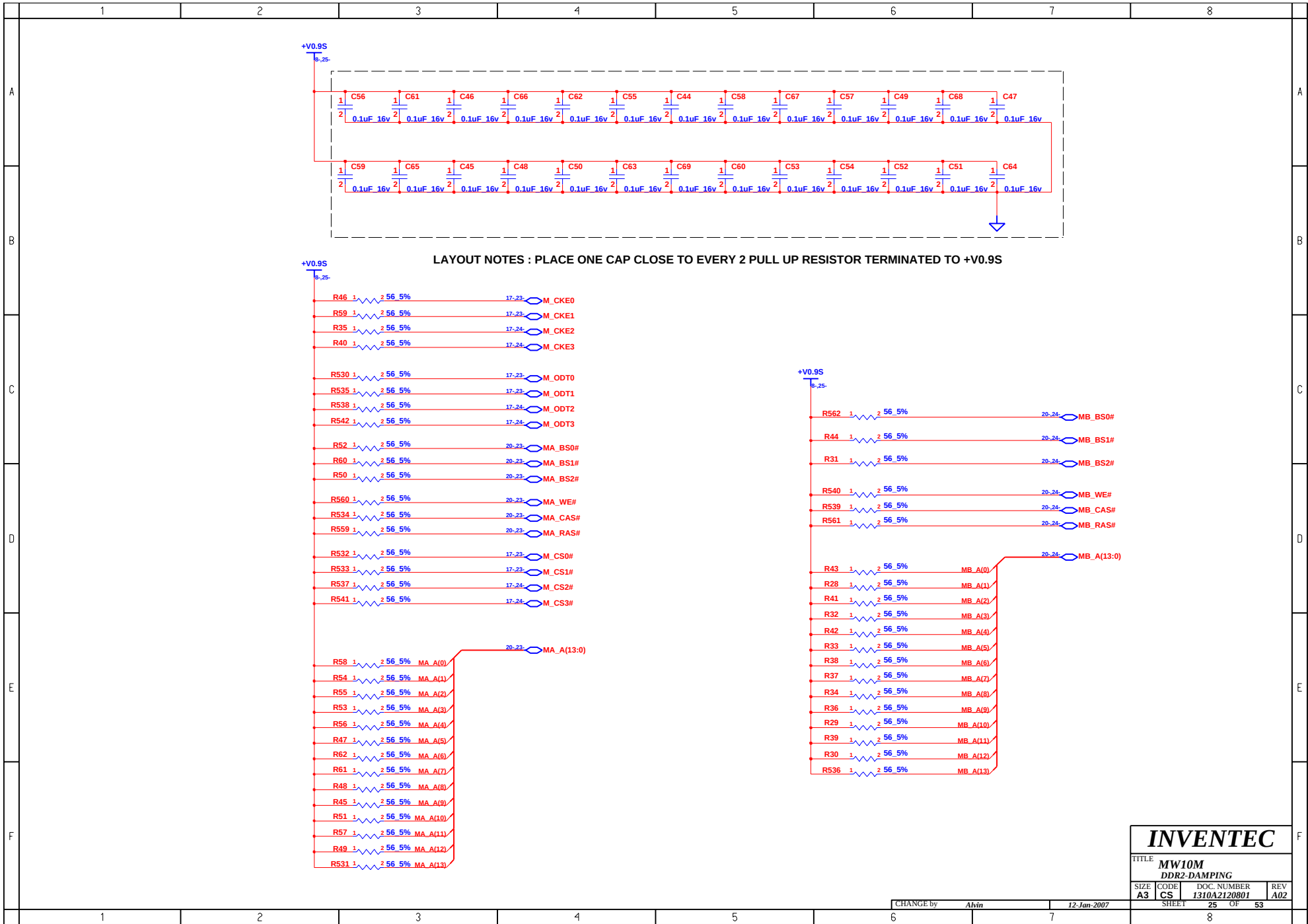
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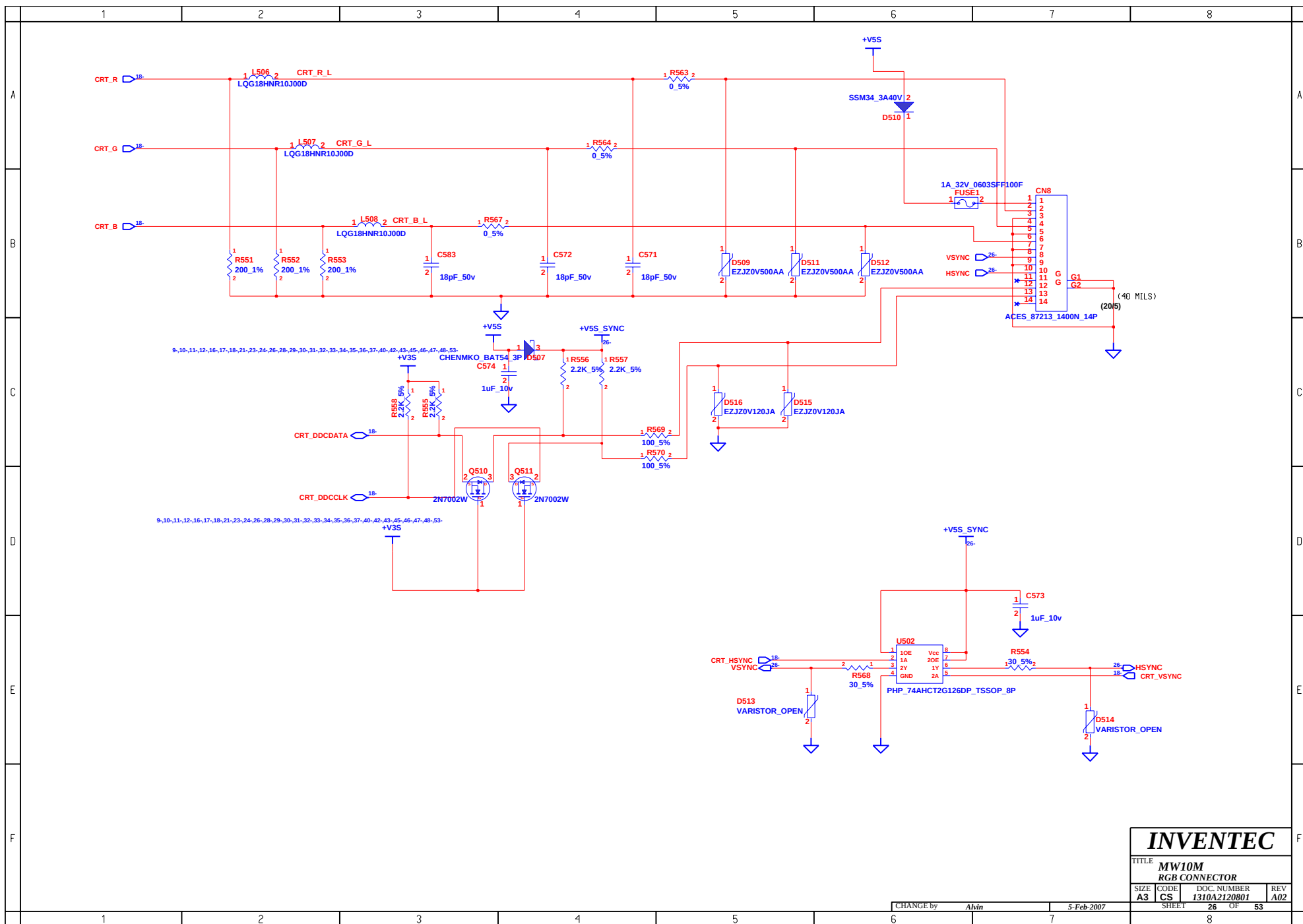
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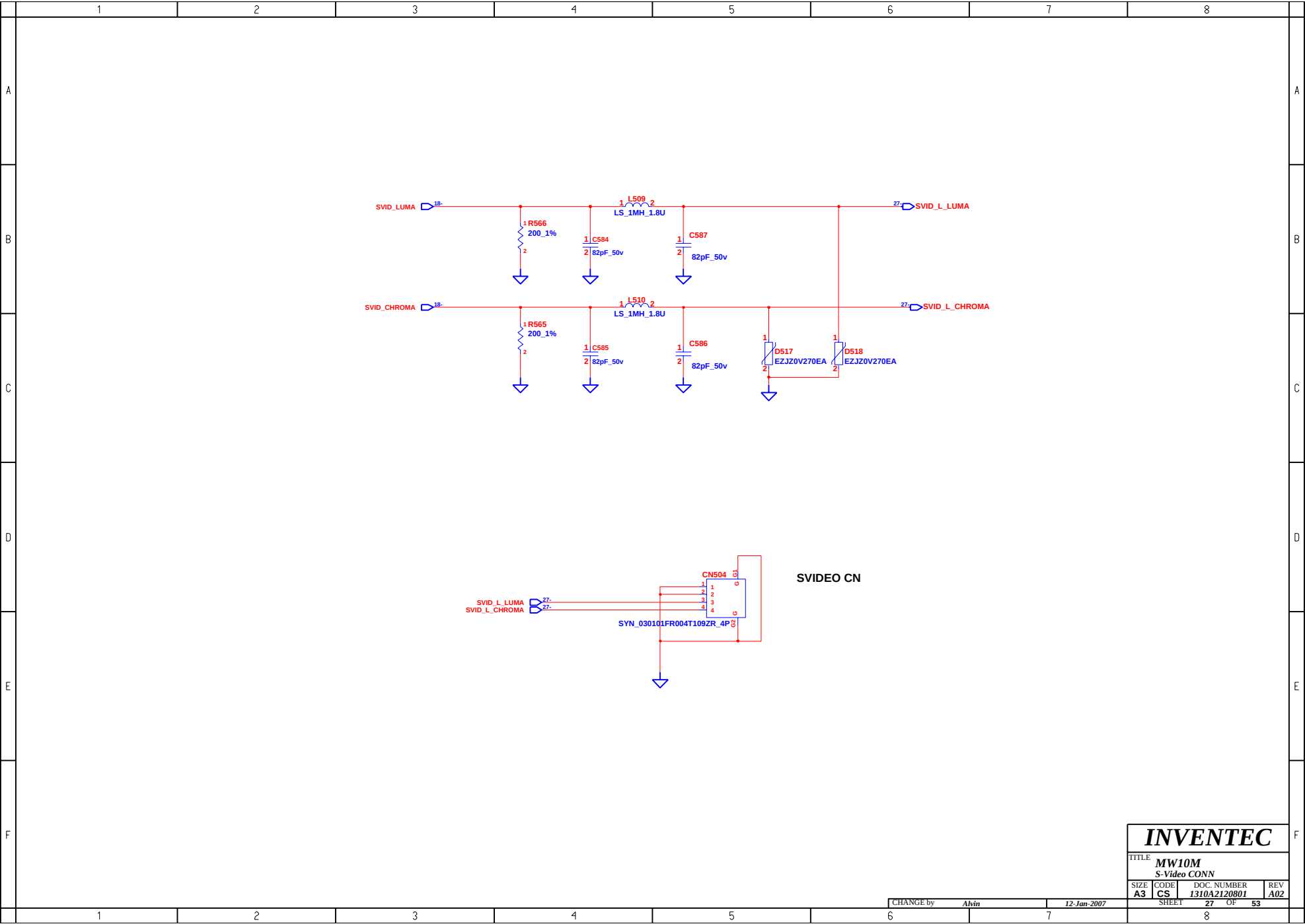
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MW10M			
DDR2-DIMM-1			
SIZE	CODE	DOC. NUMBER	REV
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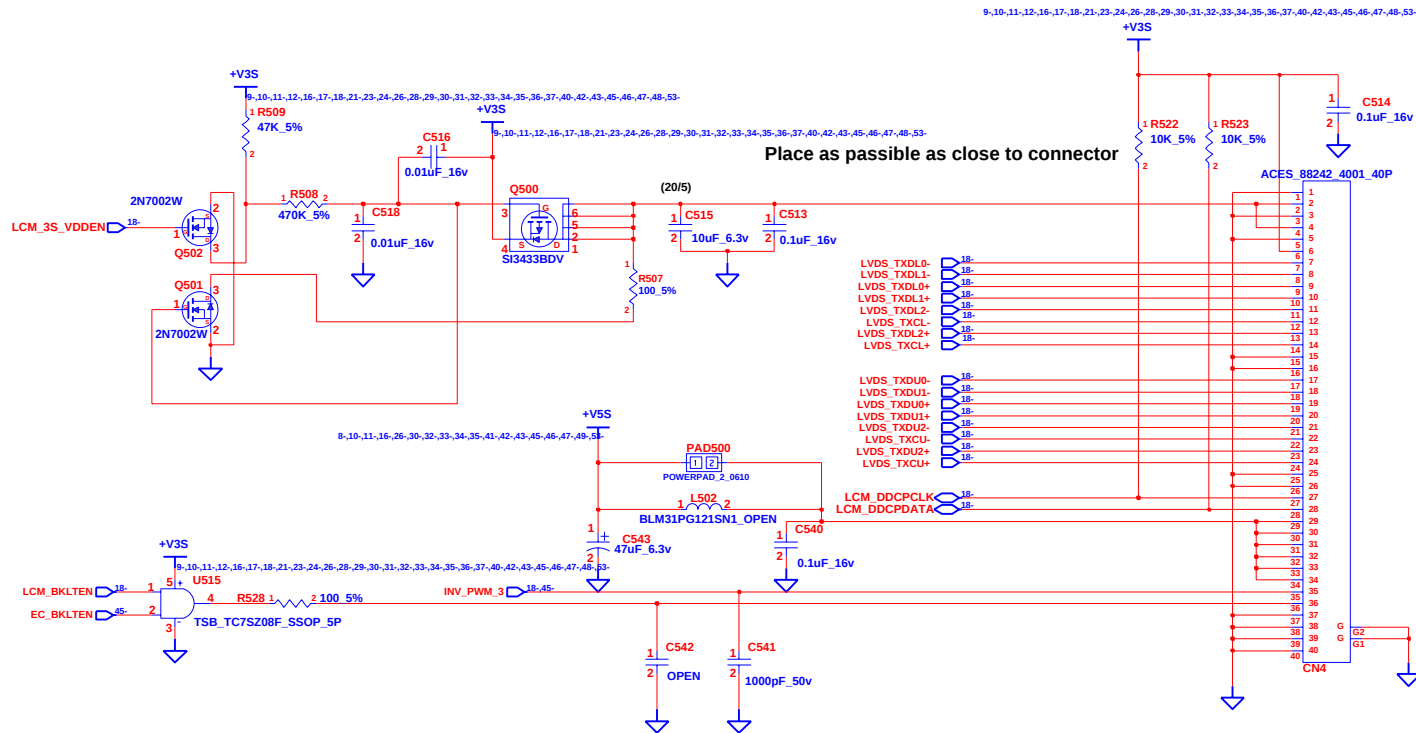
CHANGE by Alvin 12-Jan-2007

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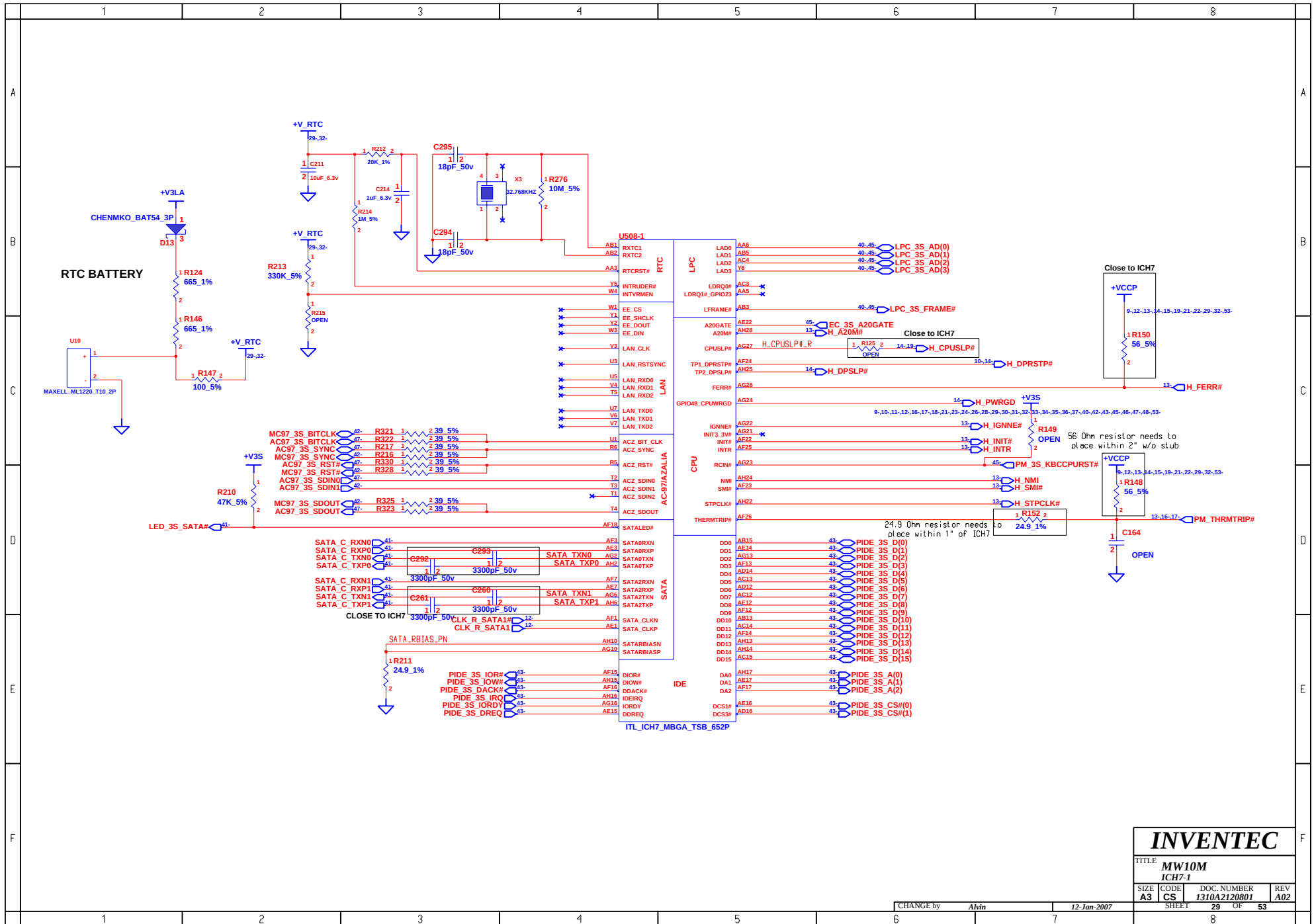
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TITLE
MW10M
LCM

SIZE CODE DOC. NUMBER REV
A3 CS 1310A2120801 A02

CHANGE by **Alm** 27-Sep-2003

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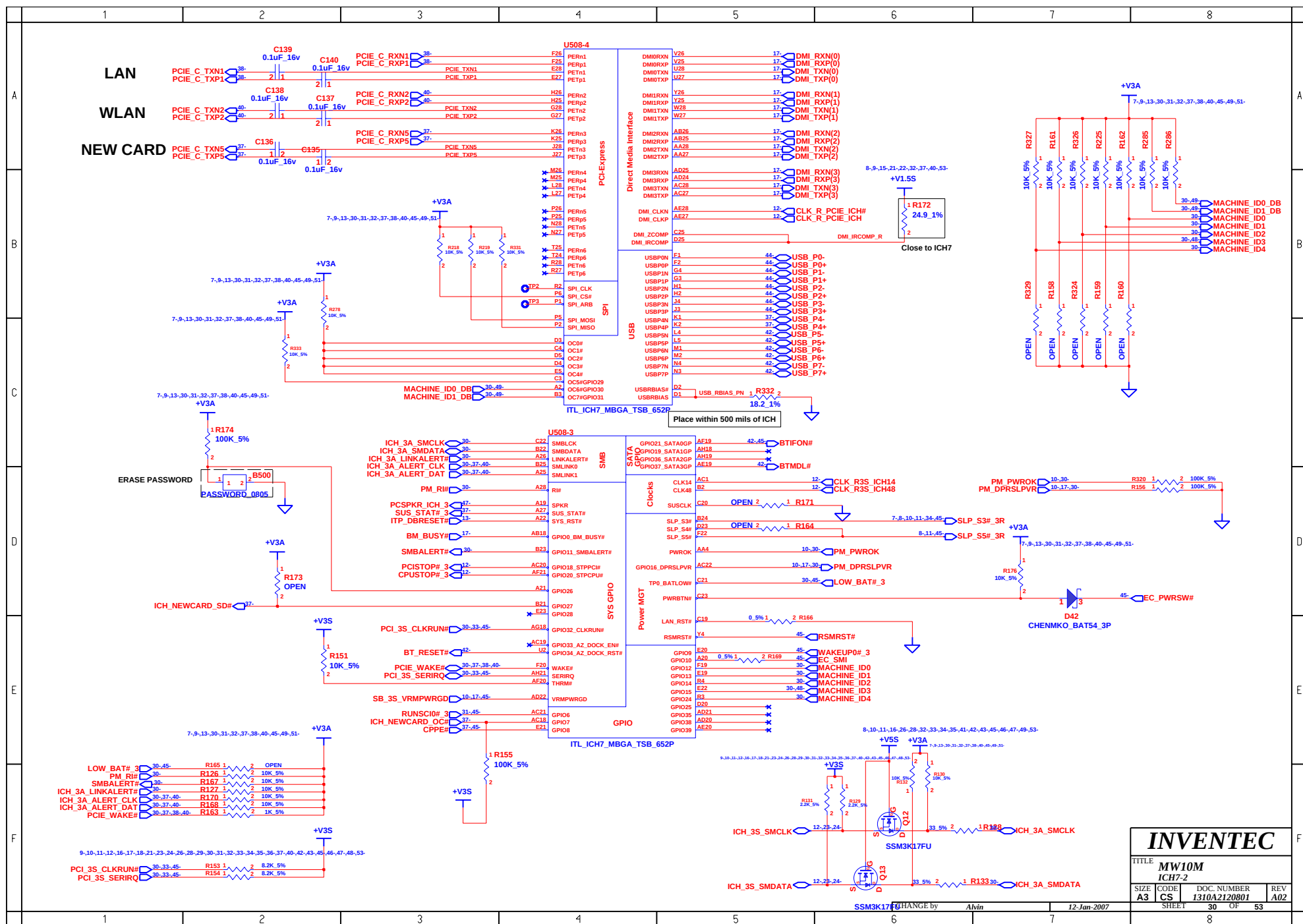


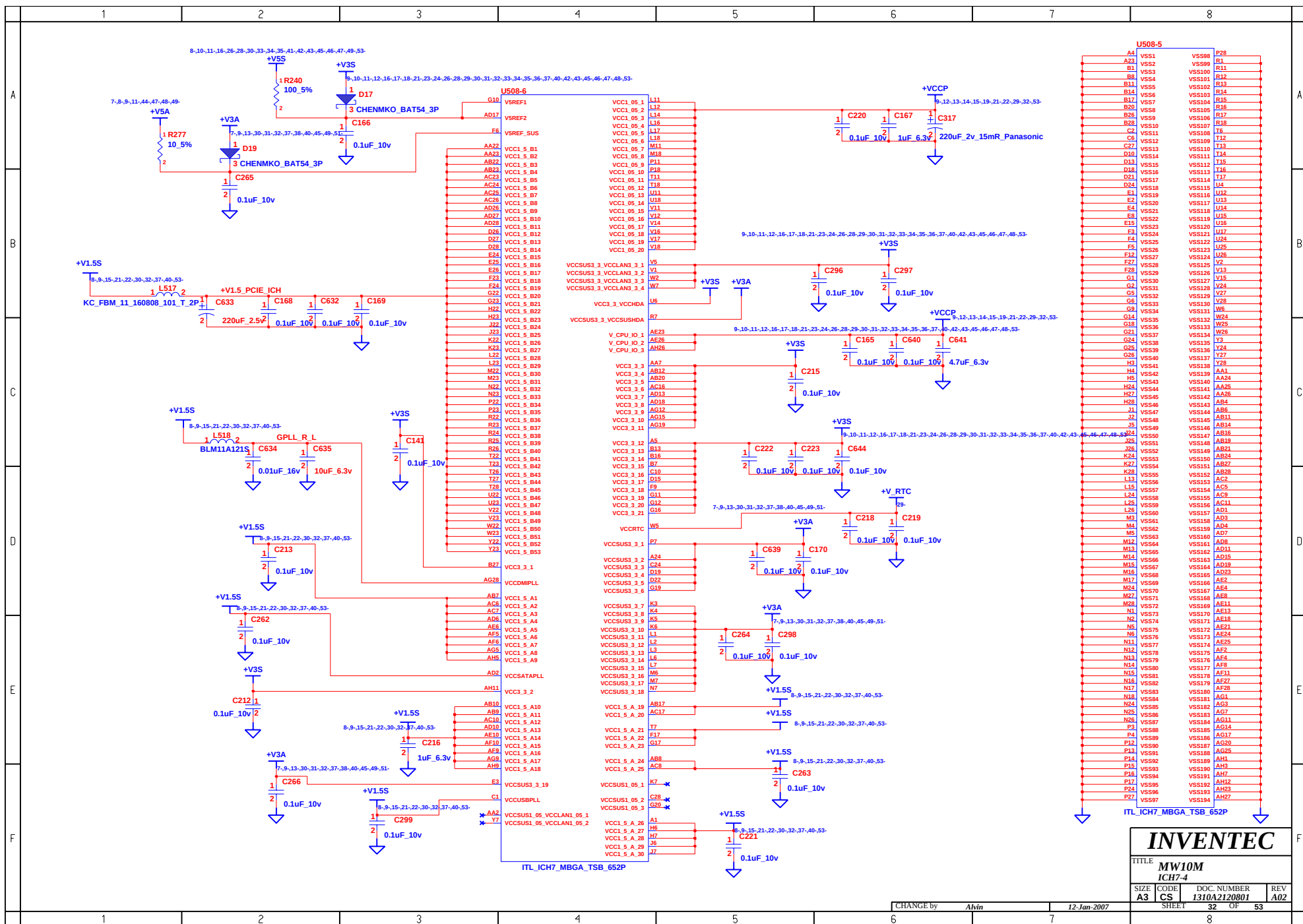
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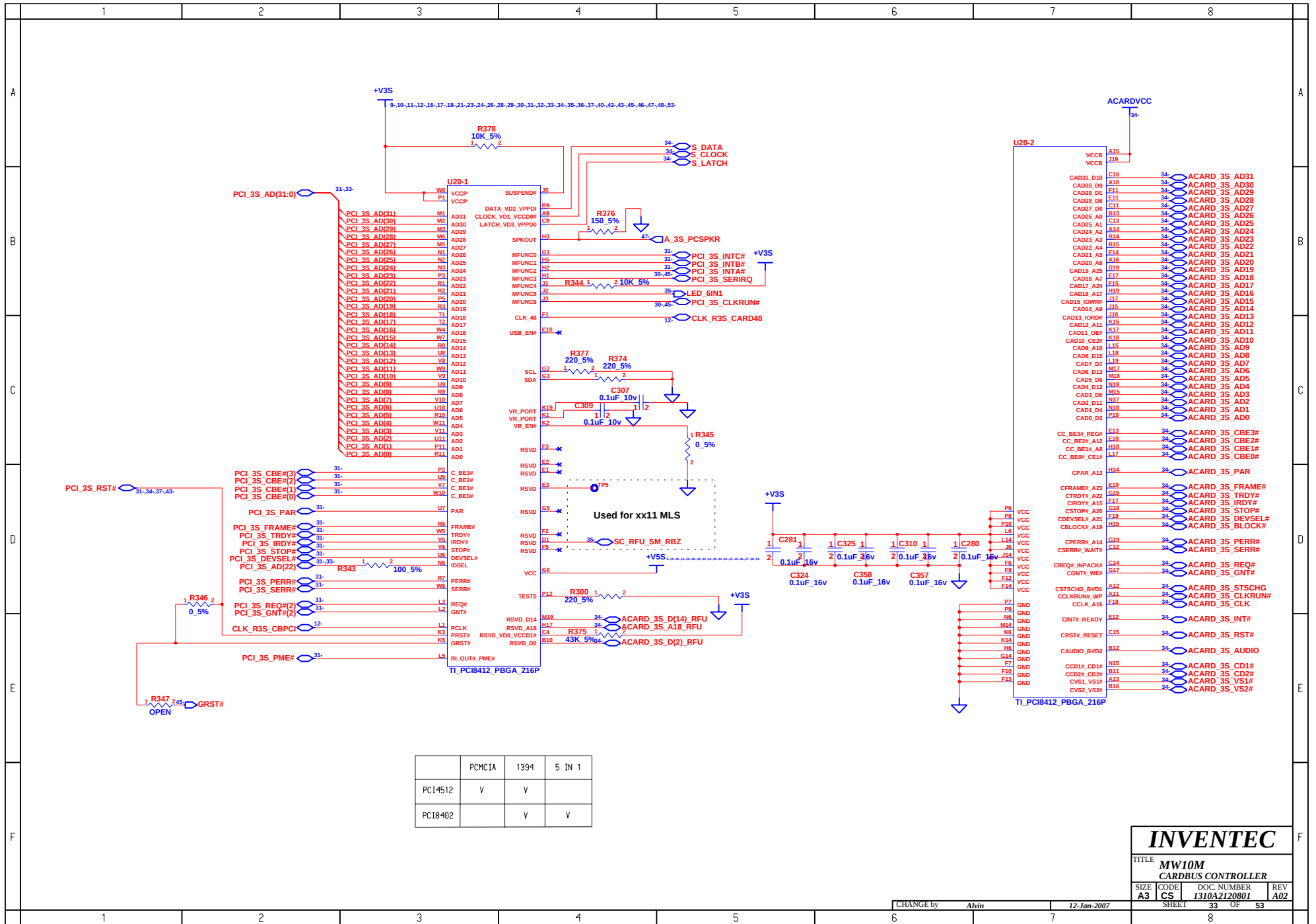
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SIZE A3	CODE CS	DOC. NUMBER 1310A2120801	REV A02

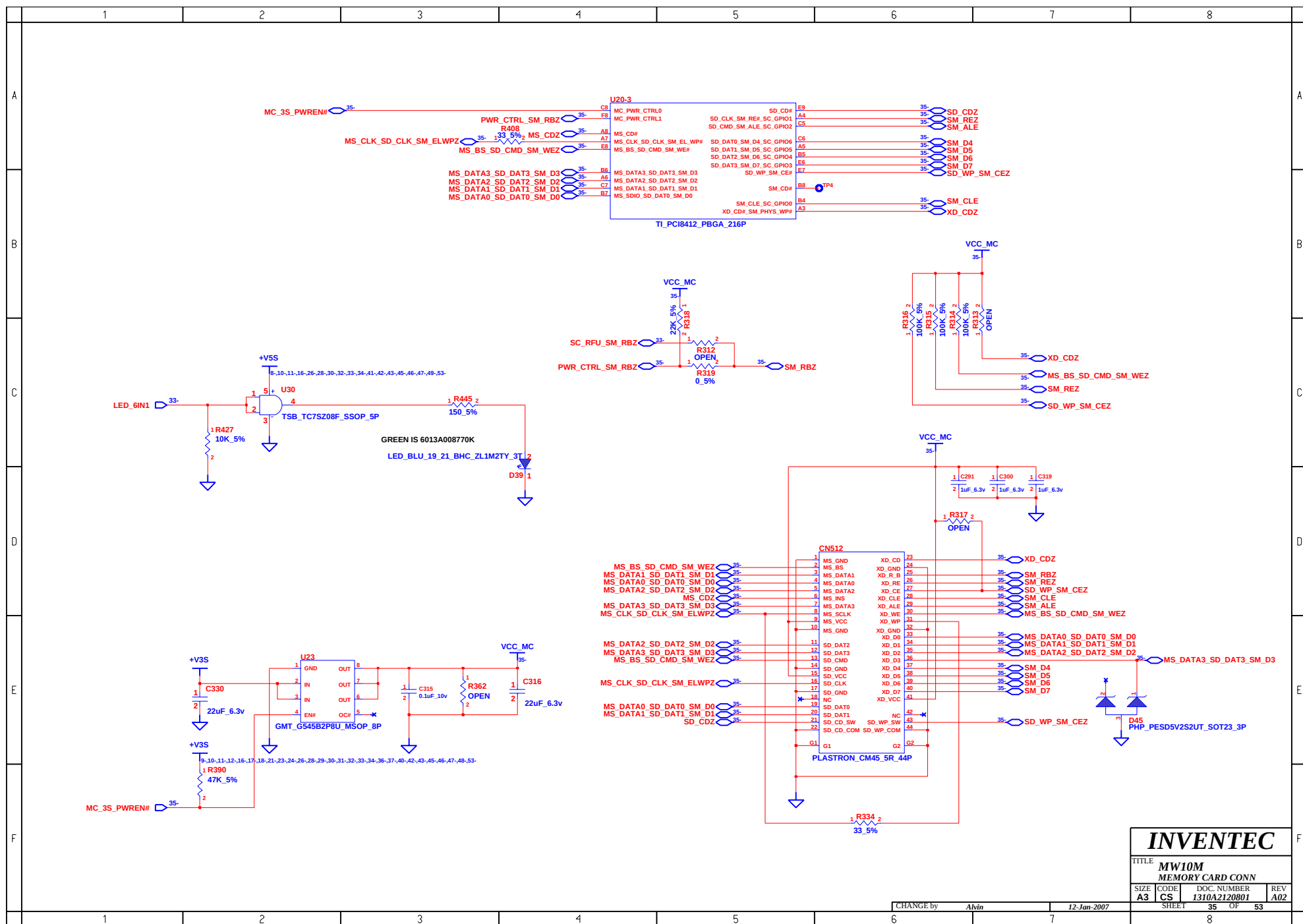
CHANGE by Alvin 12-Jan-2007

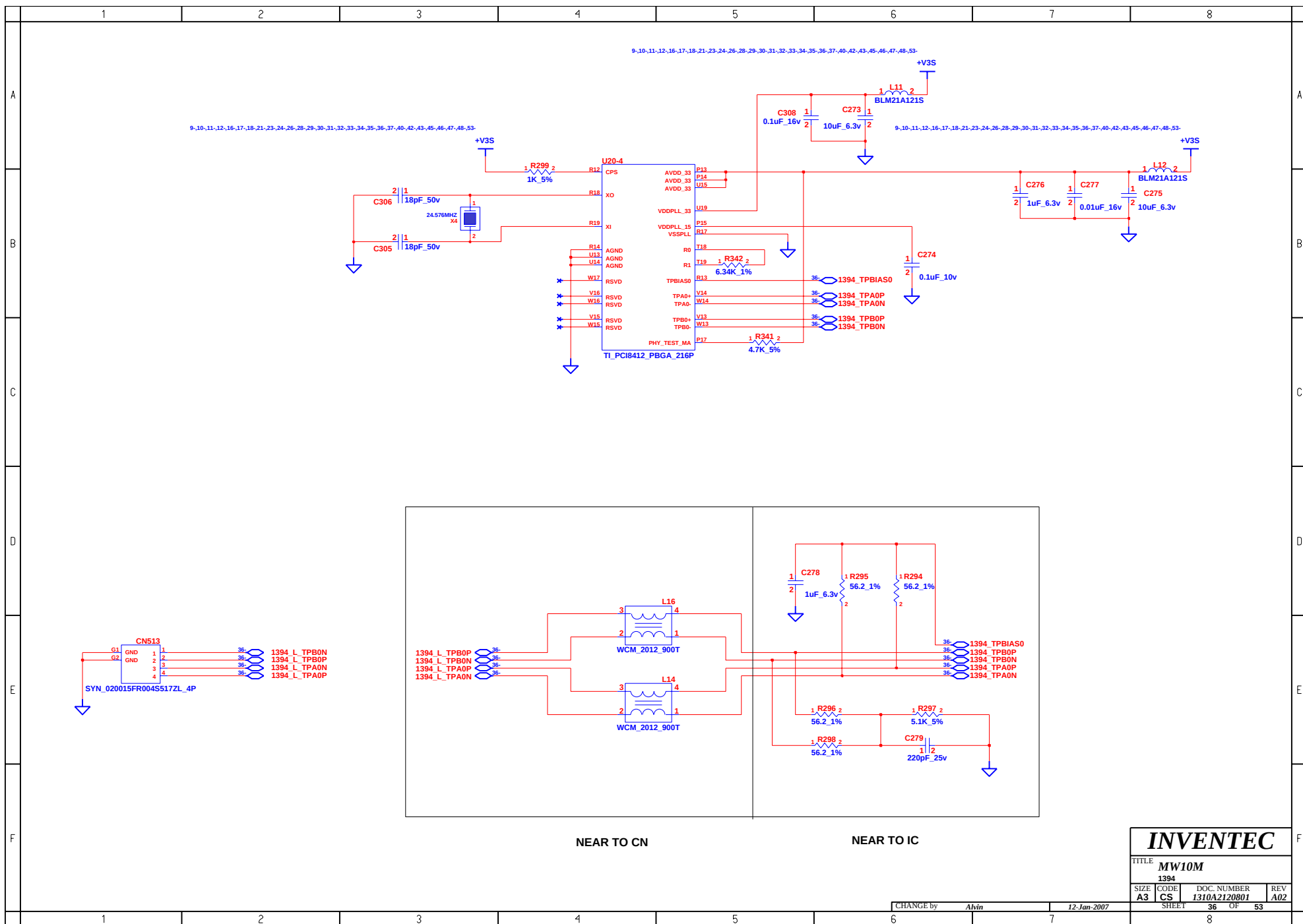
SHEET 29 OF 53

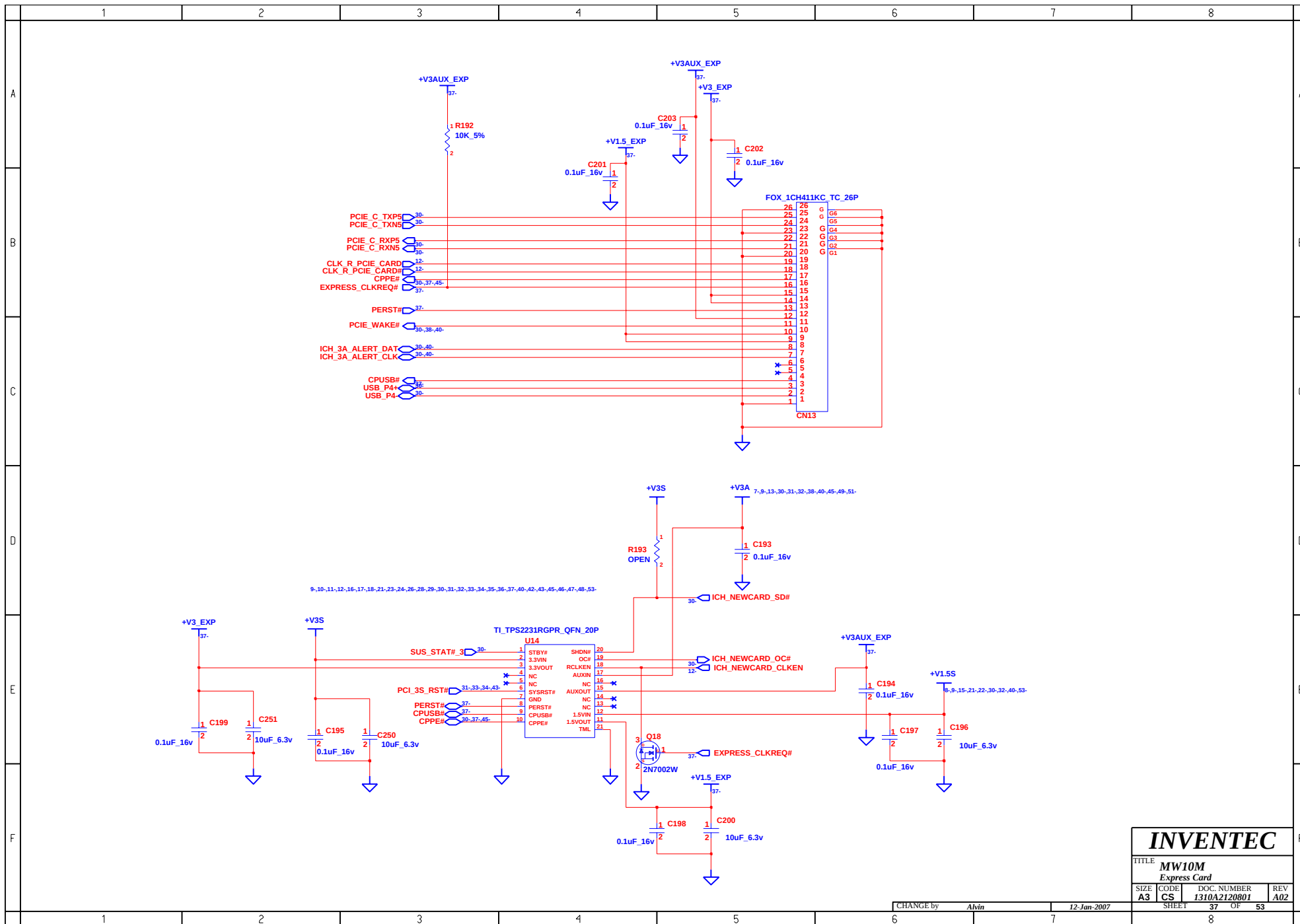










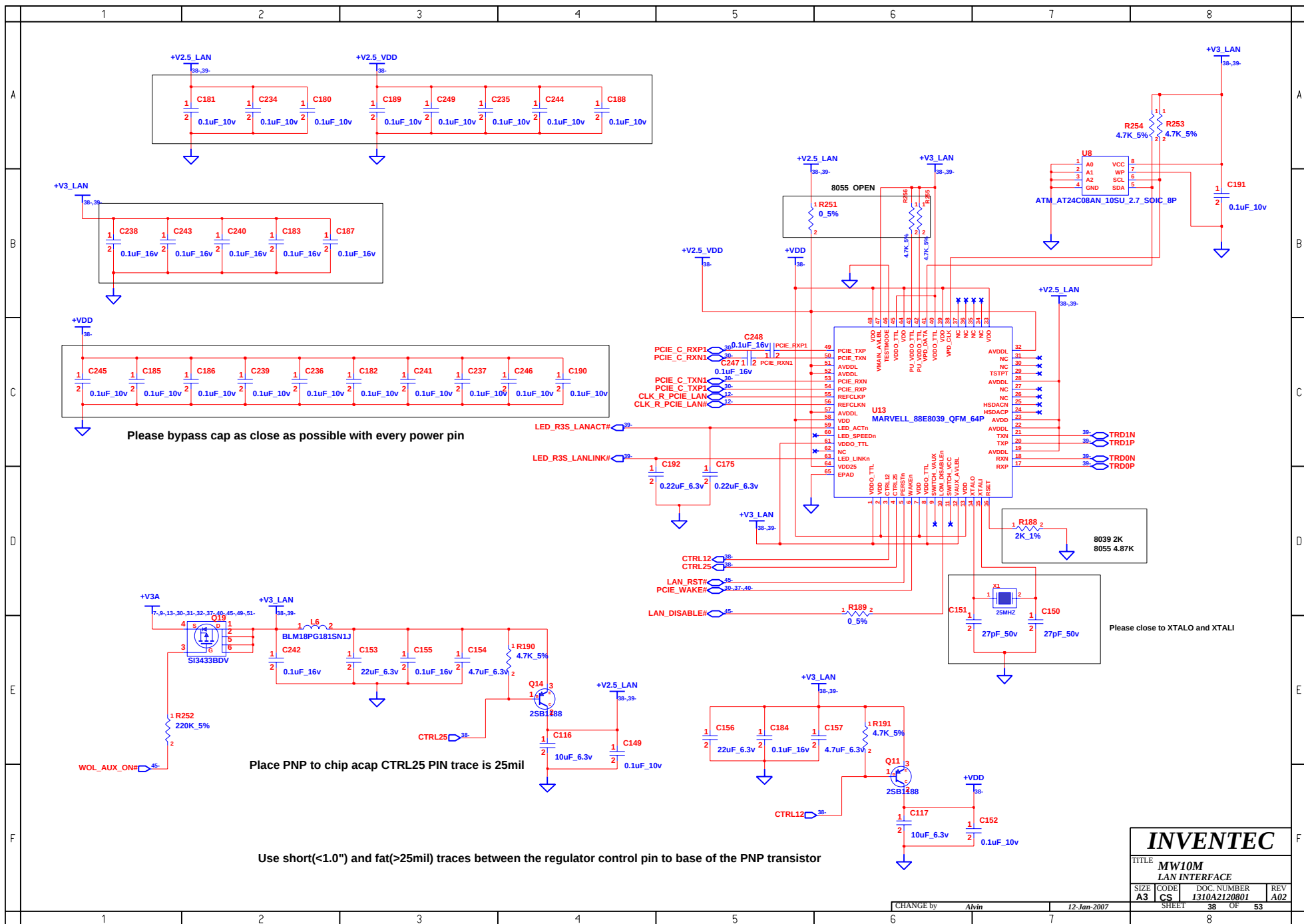


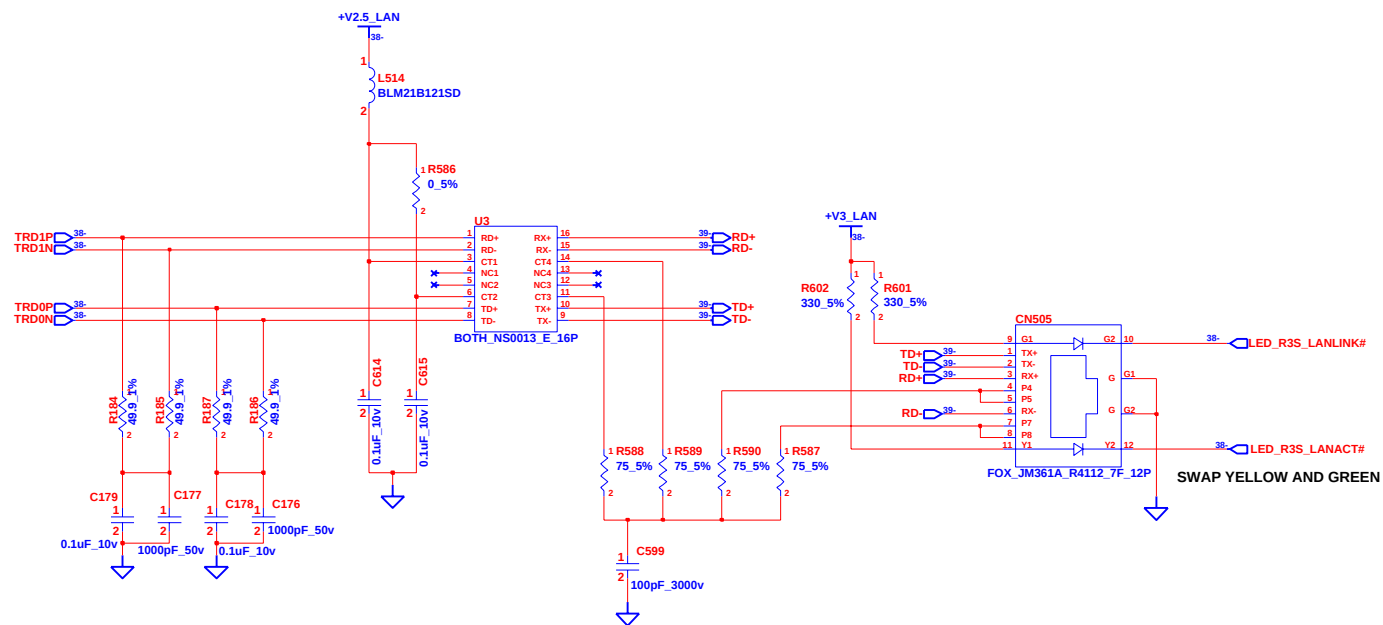
INVENTEC

TITLE			
MW10M Express Card			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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

INVENTEC

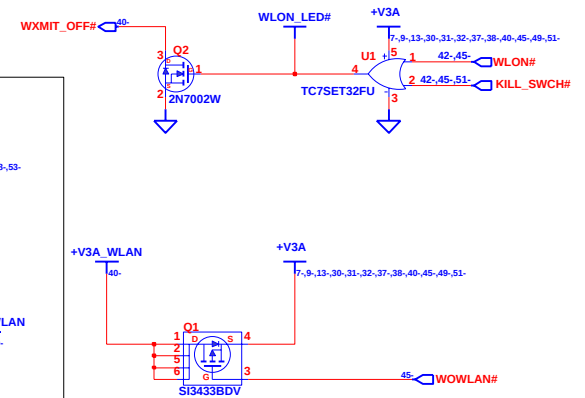
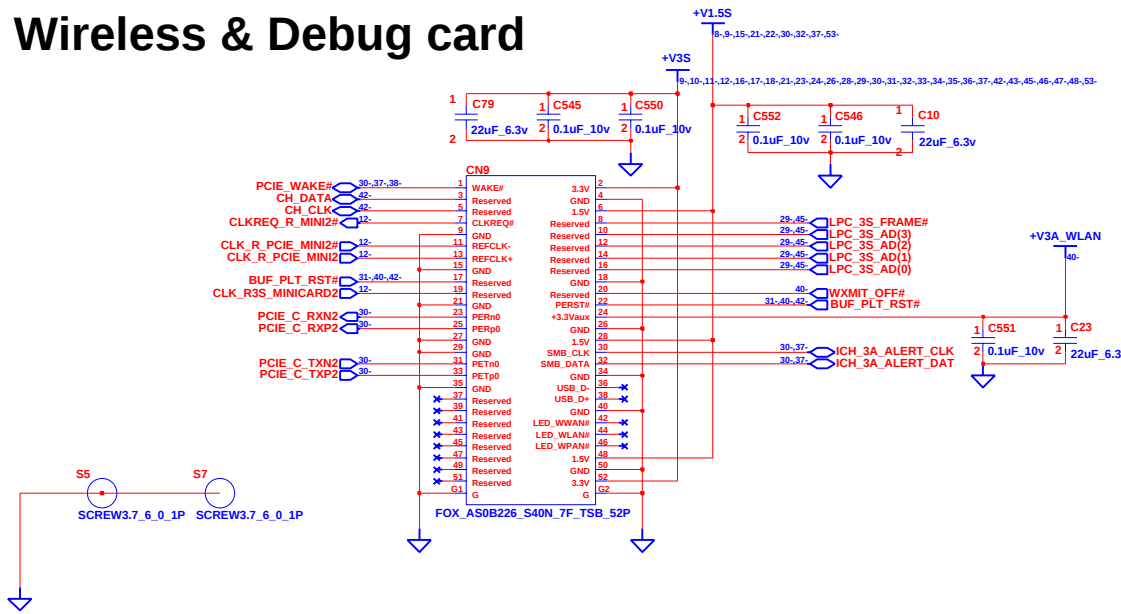
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**MW10M
LAN R345 CONN**

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CHANGE by Alvin 12-Jan-2007

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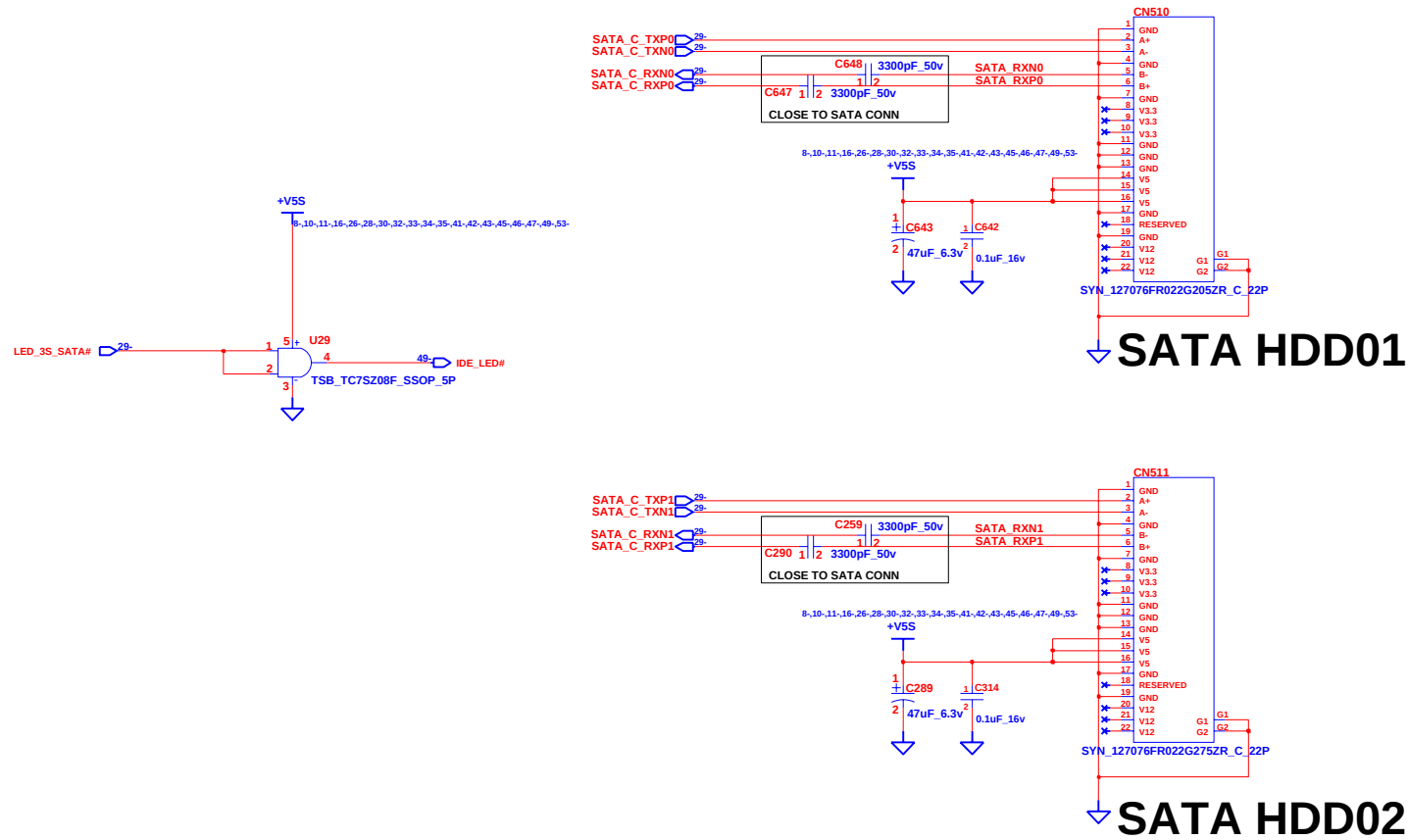
Wireless & Debug card



INVENTEC

TITLE MW10M WLAN			
SIZE A3	CODE CS	DOC. NUMBER I310A2120801	REV A02
SHEET		40	OF 53

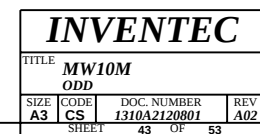
CHANGE by Alvin 12-Jan-2007



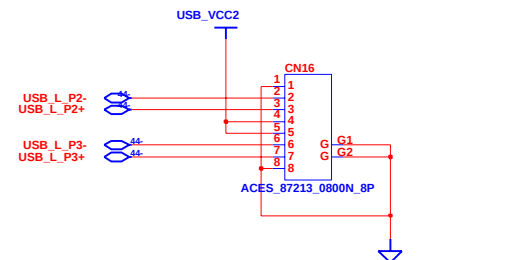
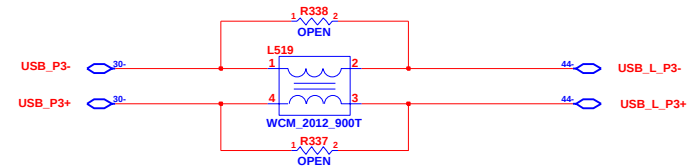
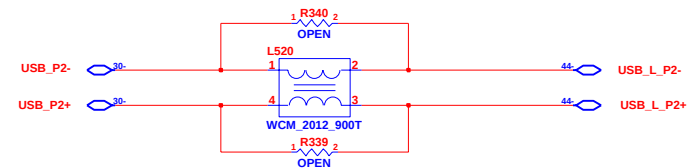
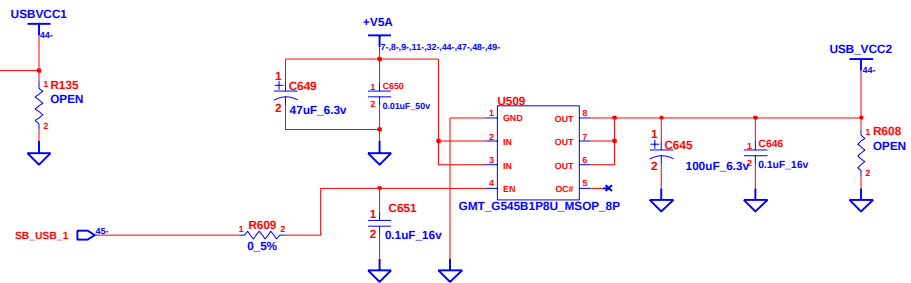
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TITLE			
MW10M			
SATA HDD CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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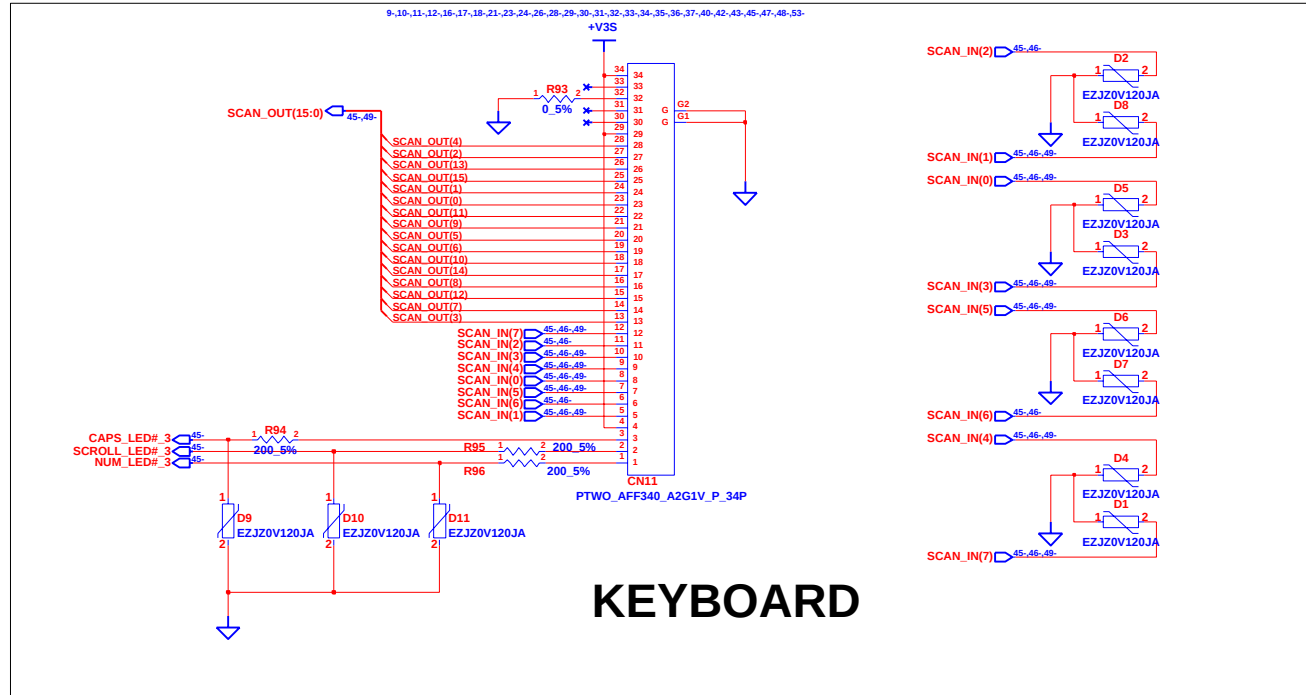


CHANGE by	Alvin	12-Jan-2007
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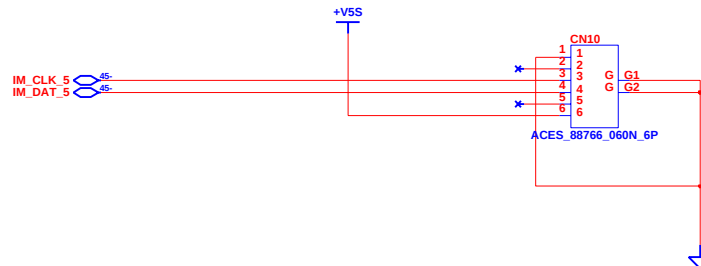


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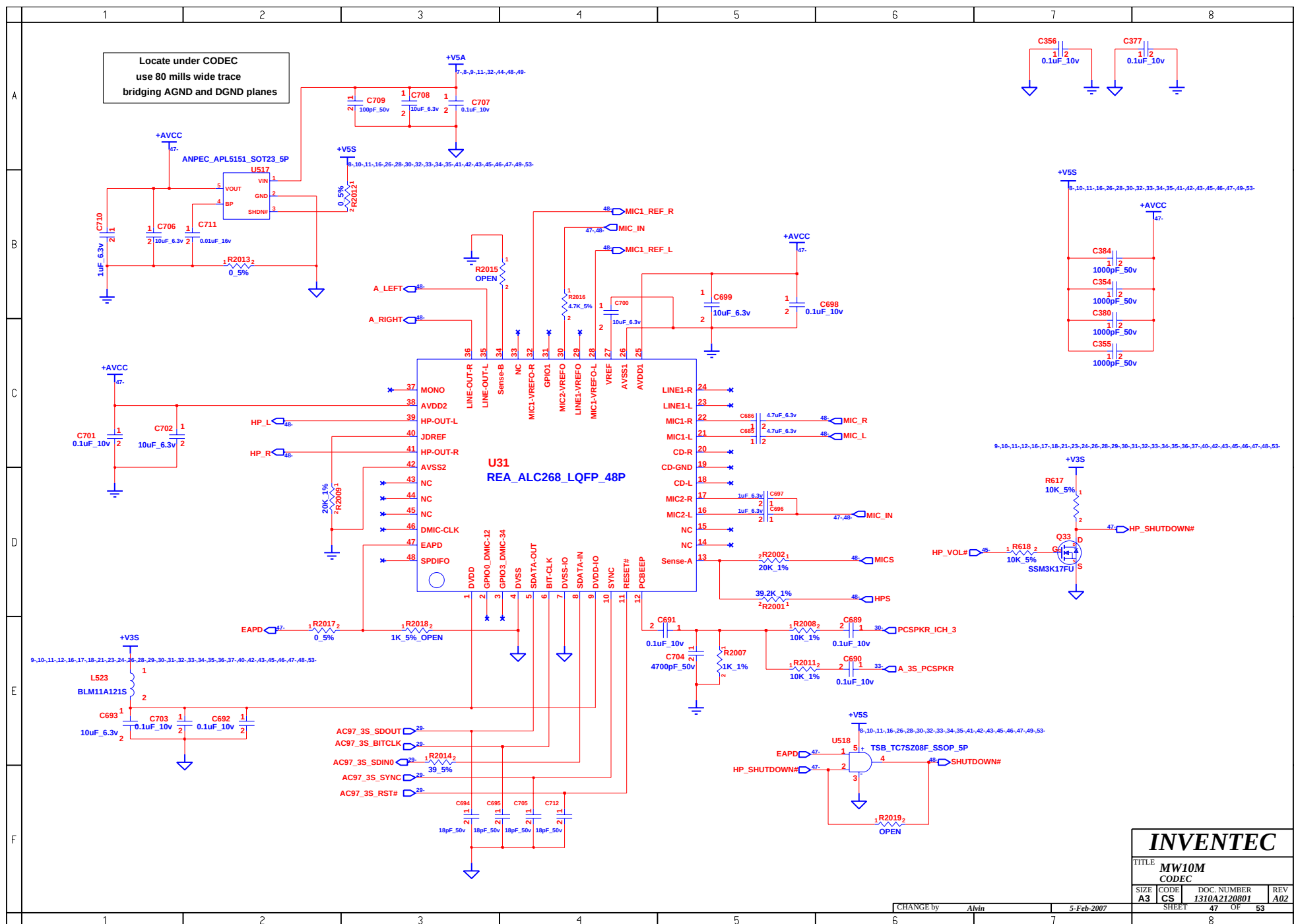
SHEET 44 OF 53

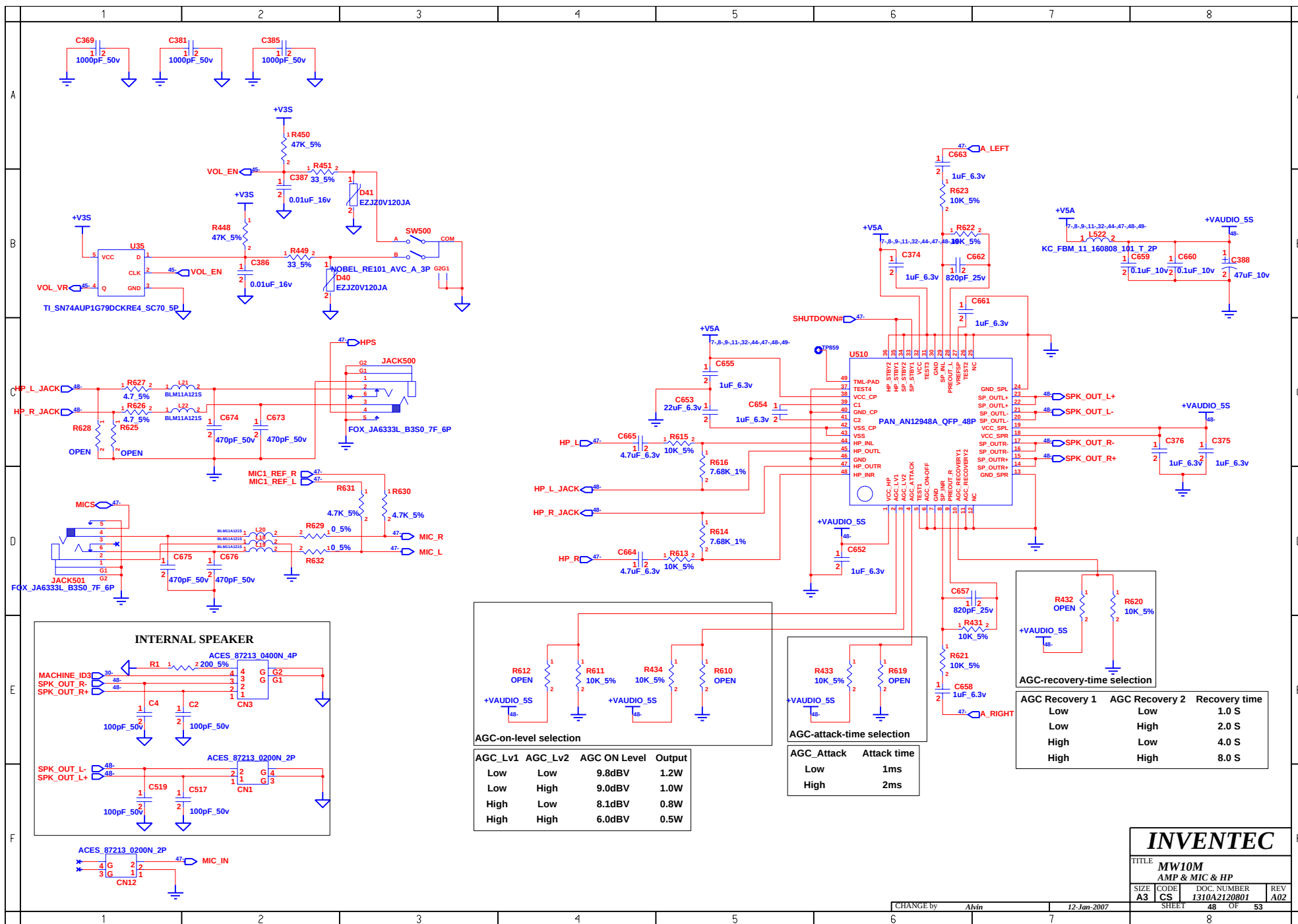


KEYBOARD



INVENTEC			
TITLE			
MW10M			
INT.KBC/POINT DEVICES			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02
CHANGE by		12-Jan-2007	
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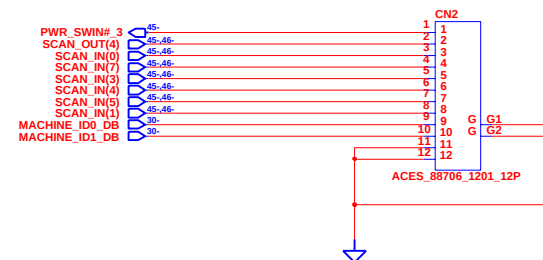
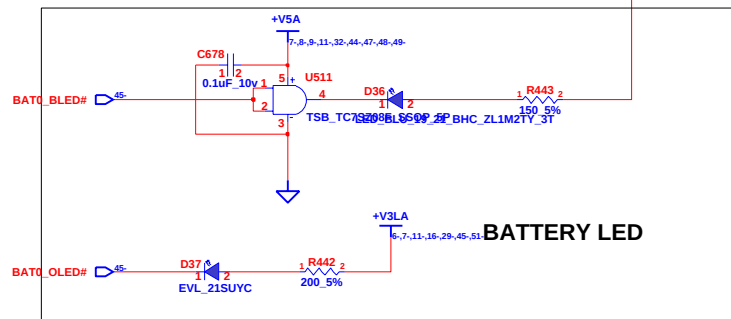
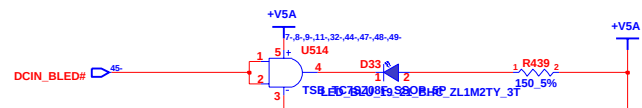
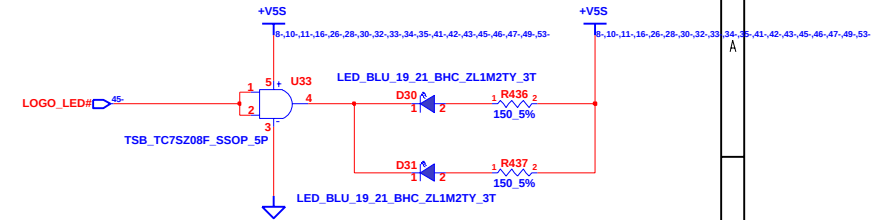
INVENTEC

TITLE
**MW10M
AMP & MIC & HP**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02

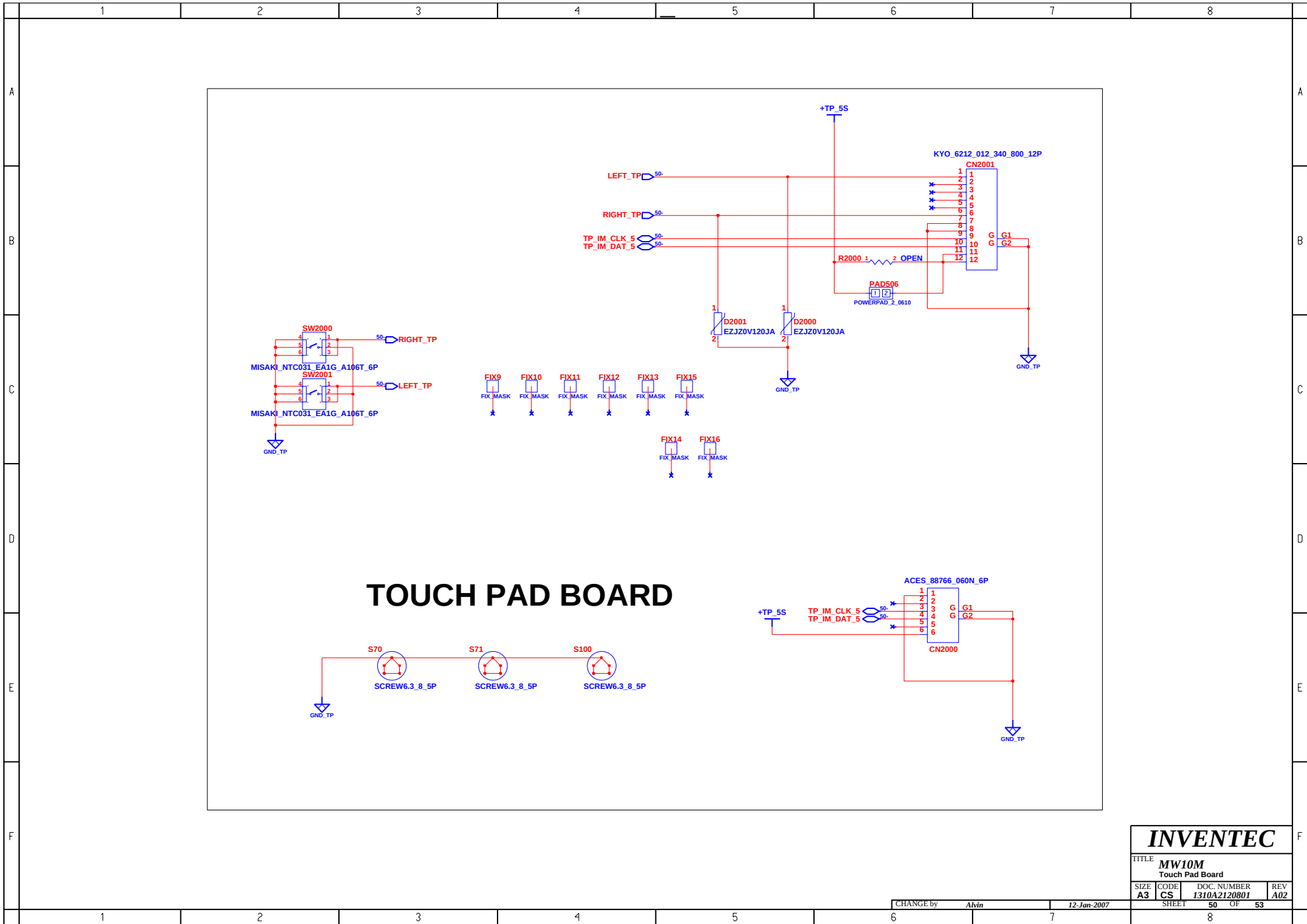
CHANGE by Alvin 12-Jan-2007

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TITLE			
MW10M LED			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02
SHEET		49	OF 53

CHANGE by	<i>Alvin</i>	<i>12-Jan-2007</i>
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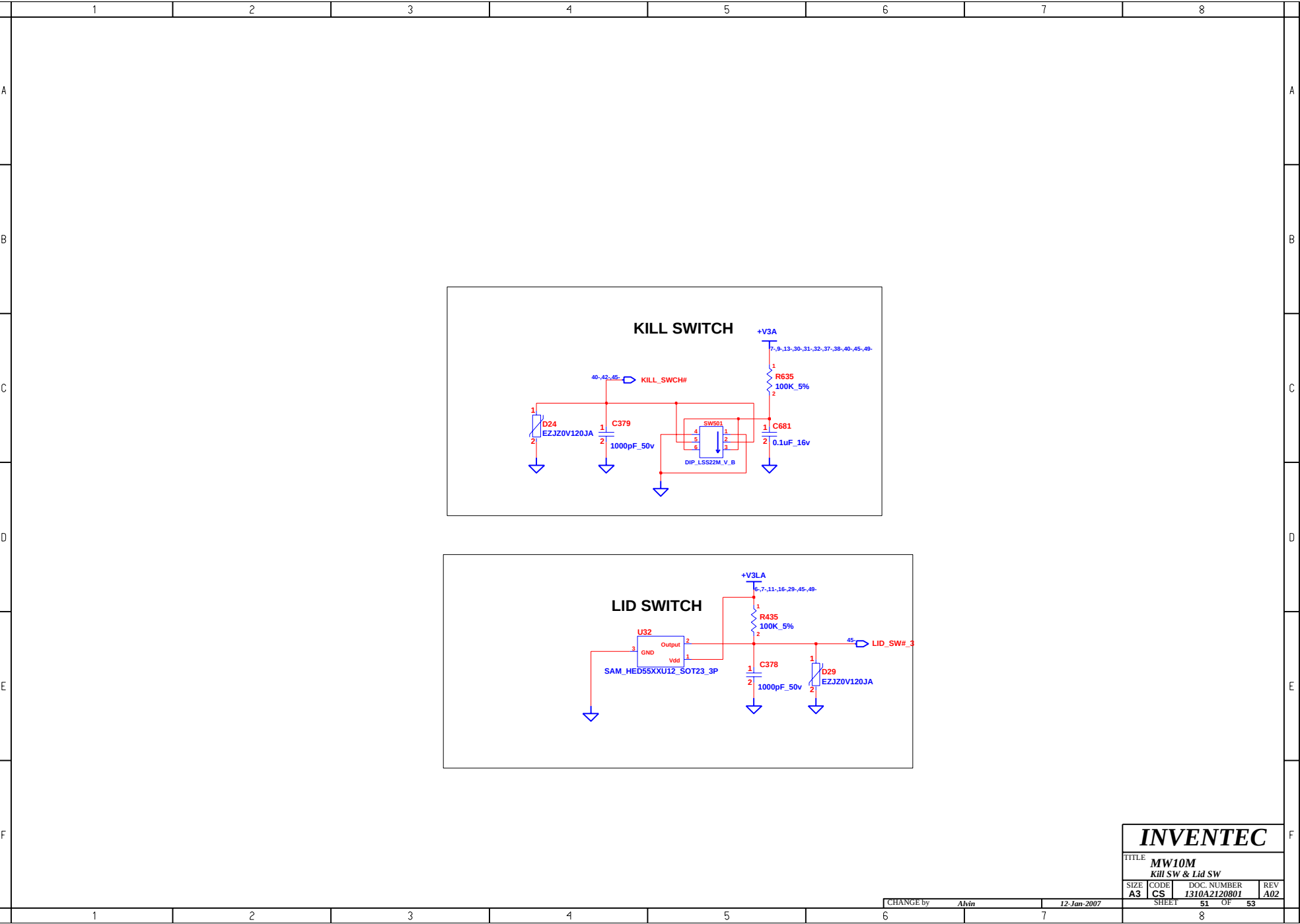


INVENTEC

TITLE			
MW10M			
Touch Pad Board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2120801	A02

CHANGE by Alvin 12-Jan-2007

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INVENTEC

TITLE			
MW10M			
Kill SW & Lid SW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310AZ120801	A02

CHANGE by Alvin 12-Jan-2007

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