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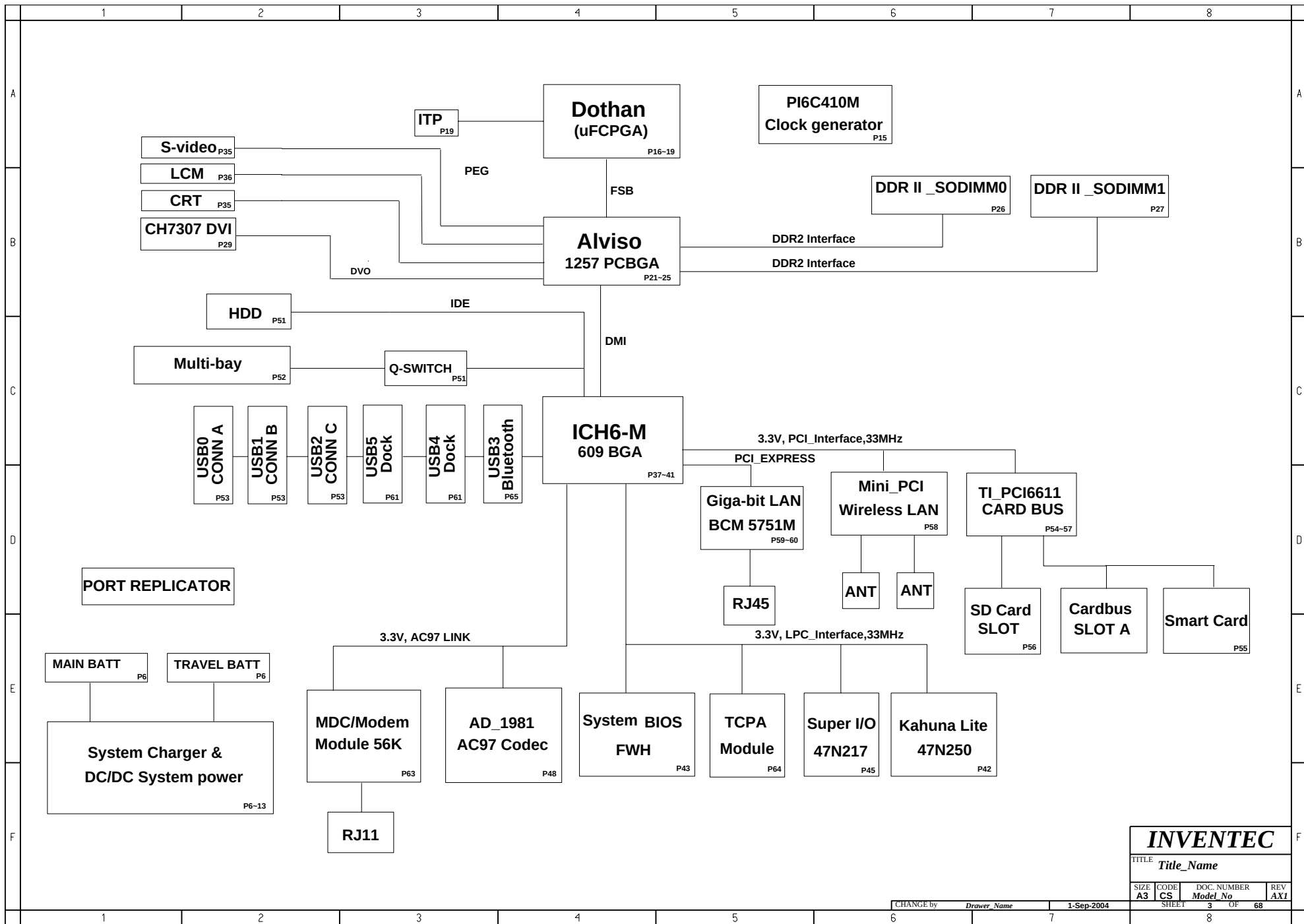
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TITLE *Title_Name*

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1
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CHANGE by *Drawn Name* 1-Sep-2004

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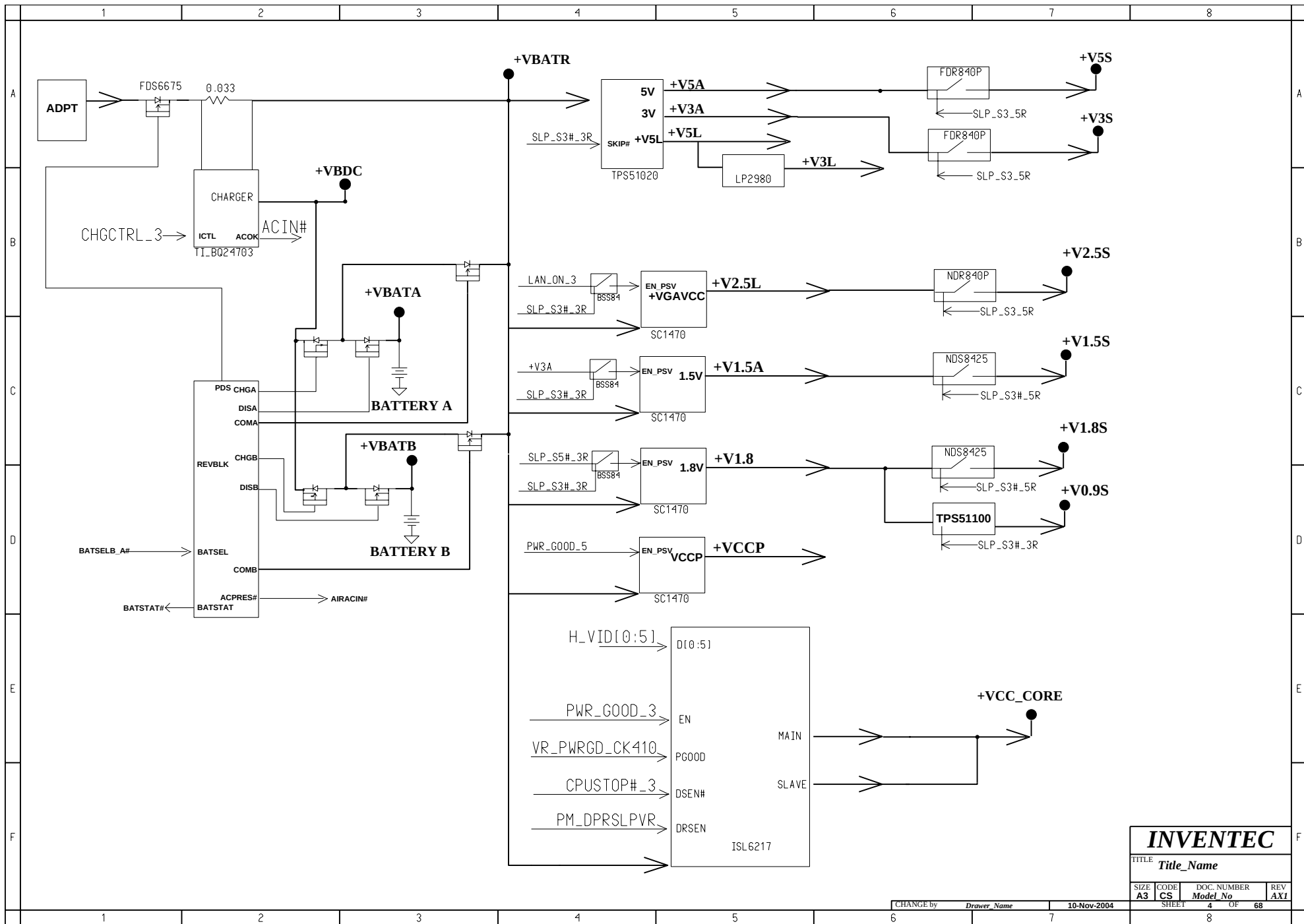
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TITLE *Title_Name*

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1
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CHANGE by *Drawn Name* 1-Sep-2004

SHEET 3 OF 68

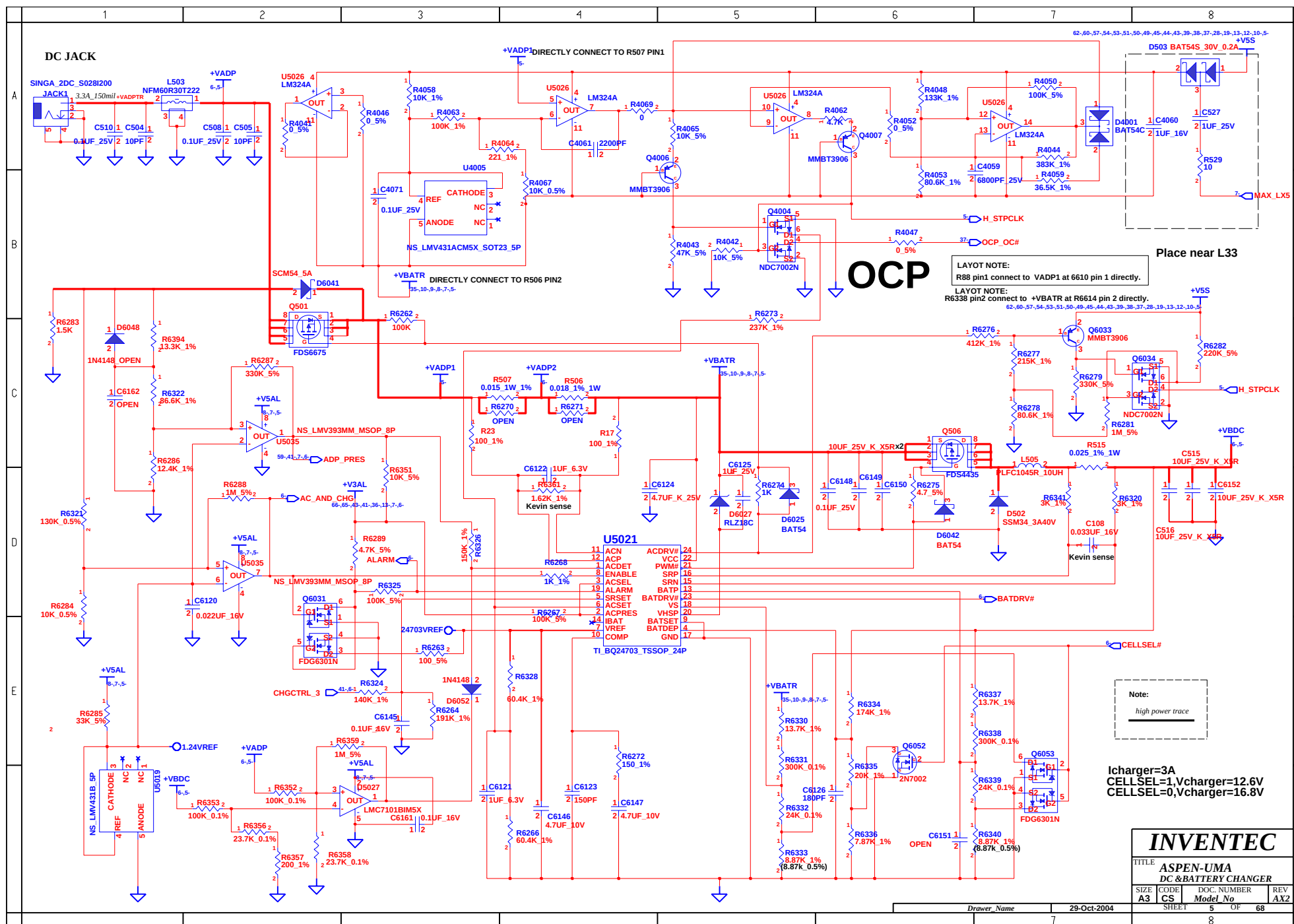


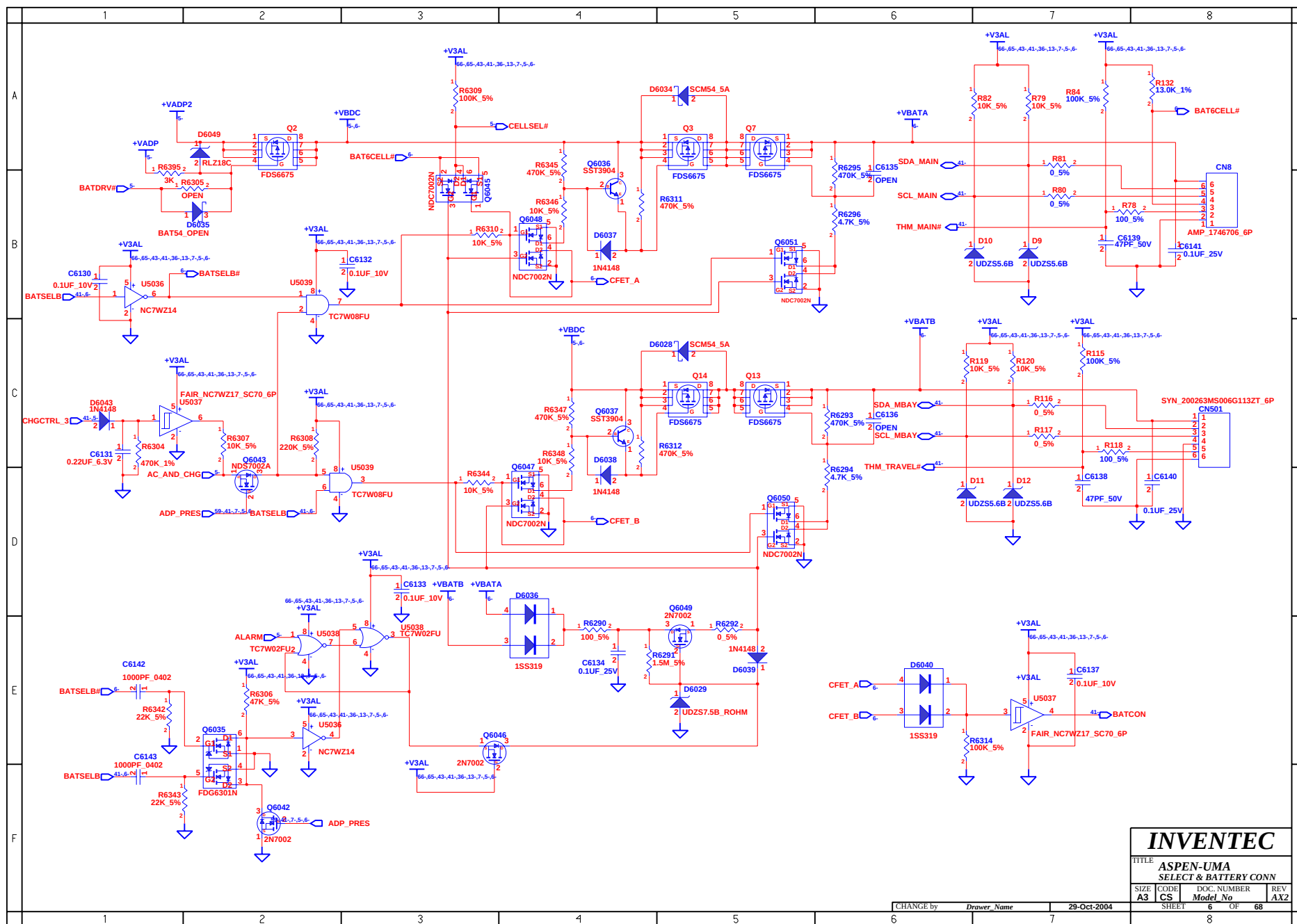
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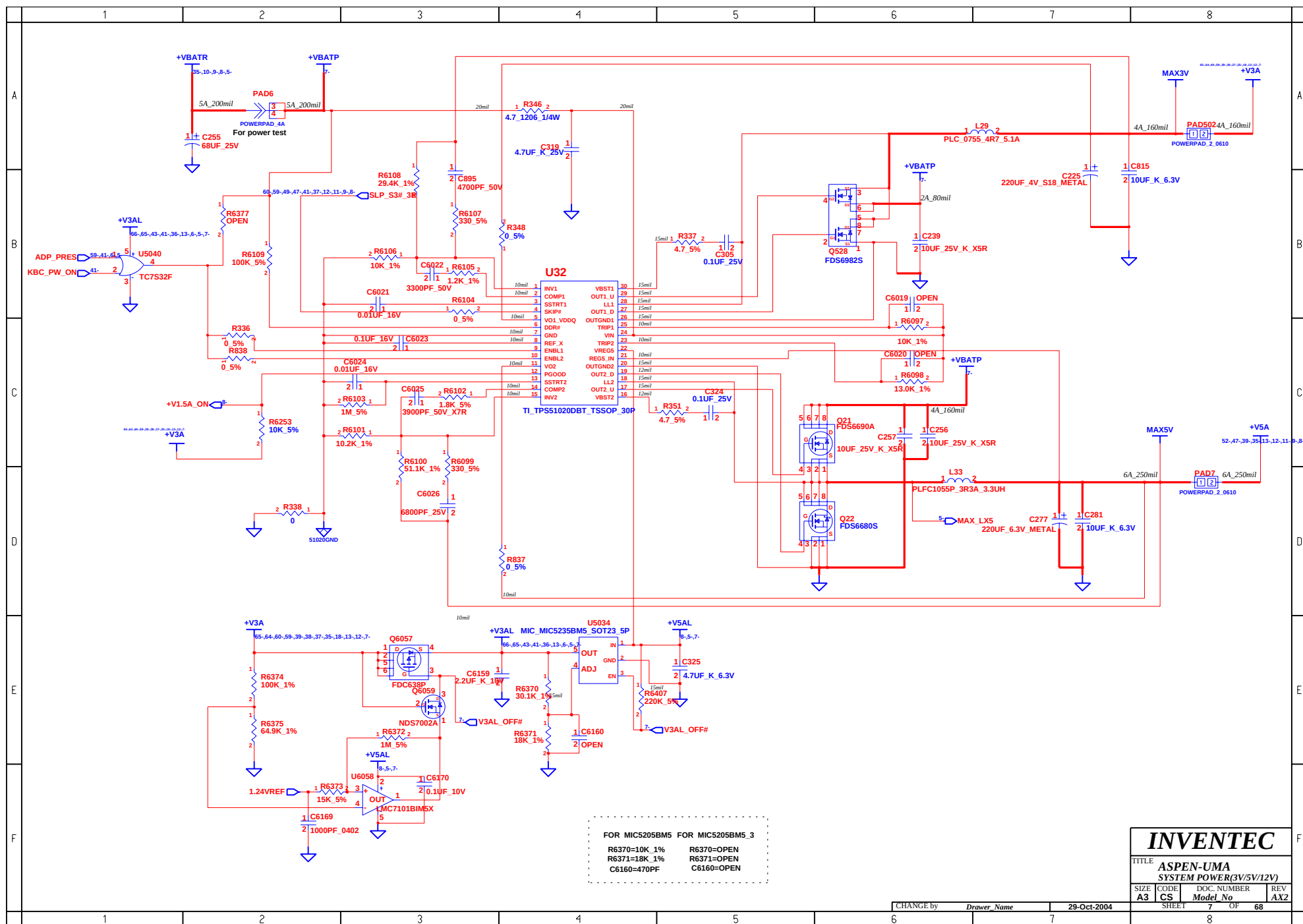
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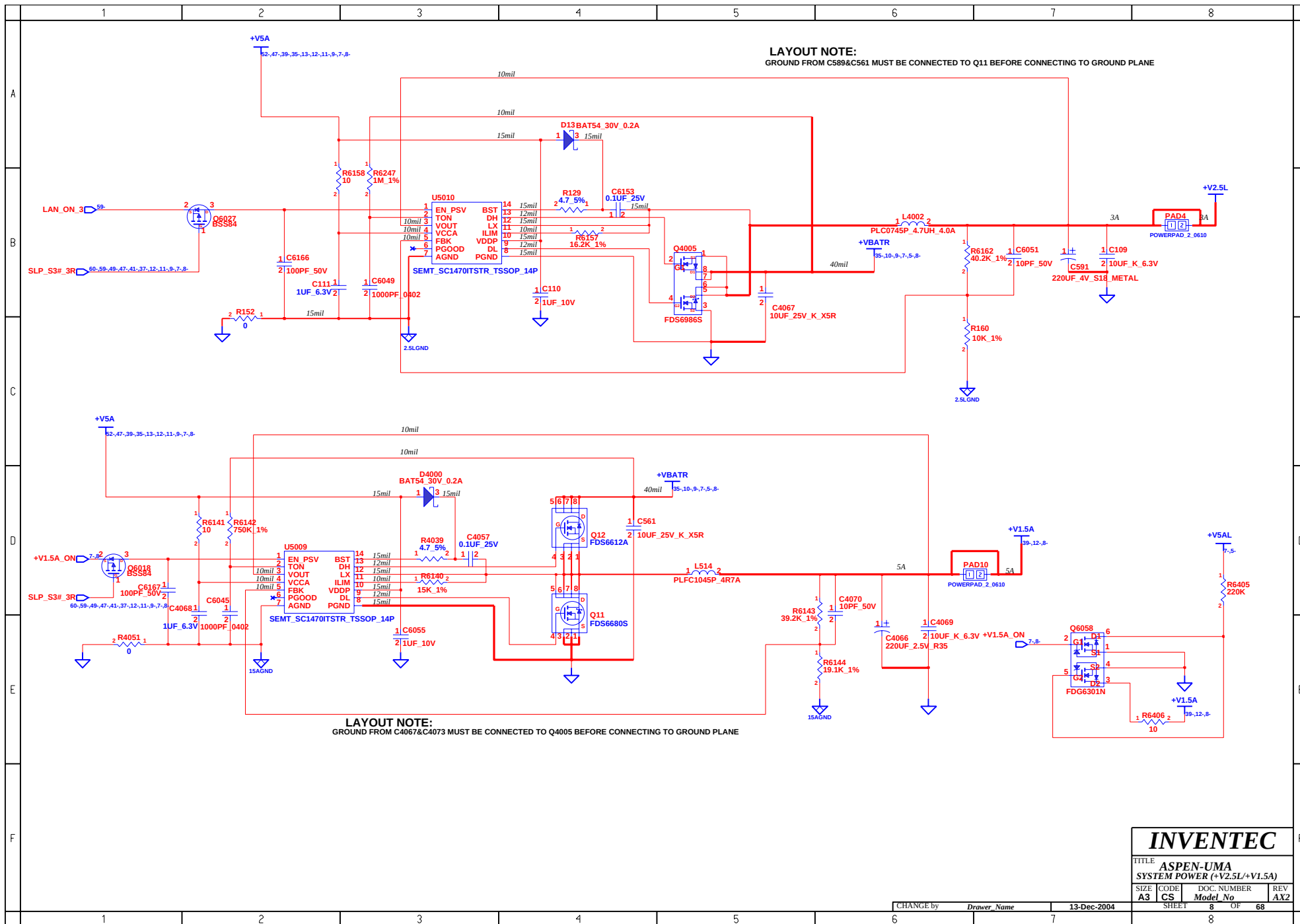
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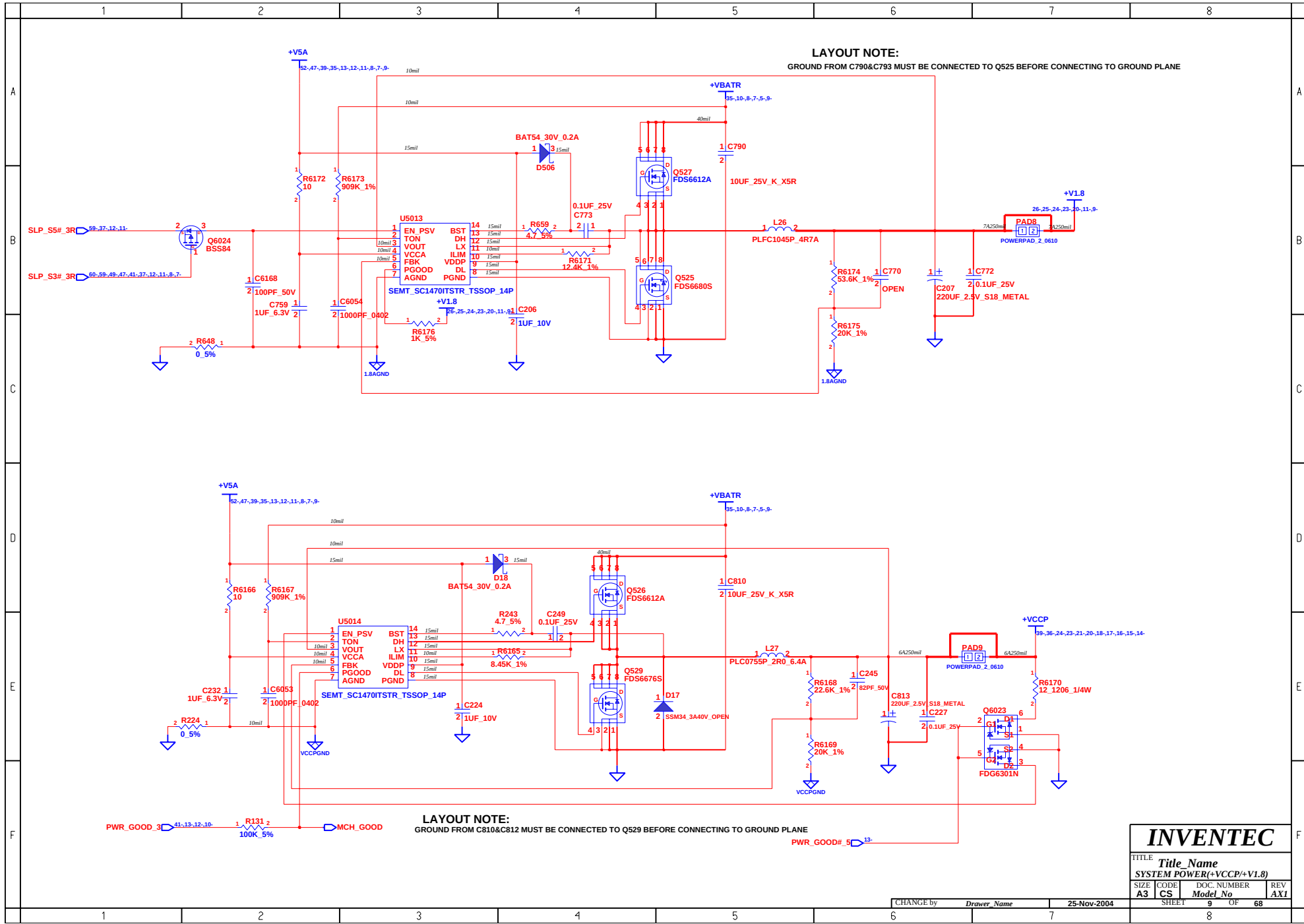
CHANGE by *Drawer Name* 10-Nov-2004 SHEET 4 OF 68











LAYOUT NOTE:
GROUND FROM C790&C793 MUST BE CONNECTED TO Q525 BEFORE CONNECTING TO GROUND PLANE

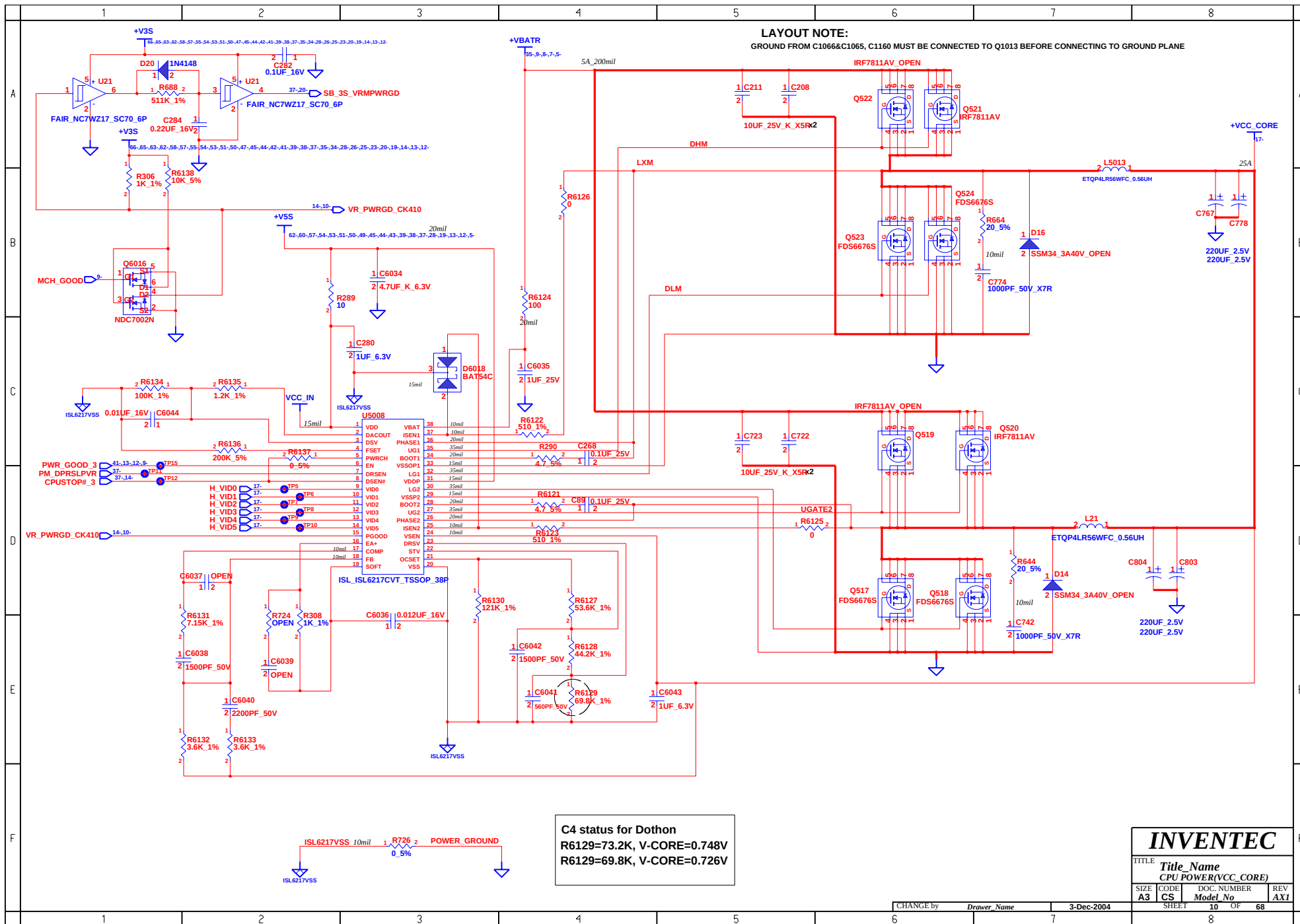
LAYOUT NOTE:
GROUND FROM C810&C812 MUST BE CONNECTED TO Q529 BEFORE CONNECTING TO GROUND PLANE

INVENTEC

TITLE			
Title Name			
SYSTEM POWER(+VCCP/+V1.8)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Drawer Name 25-Nov-2004

SHEET 9 OF 68

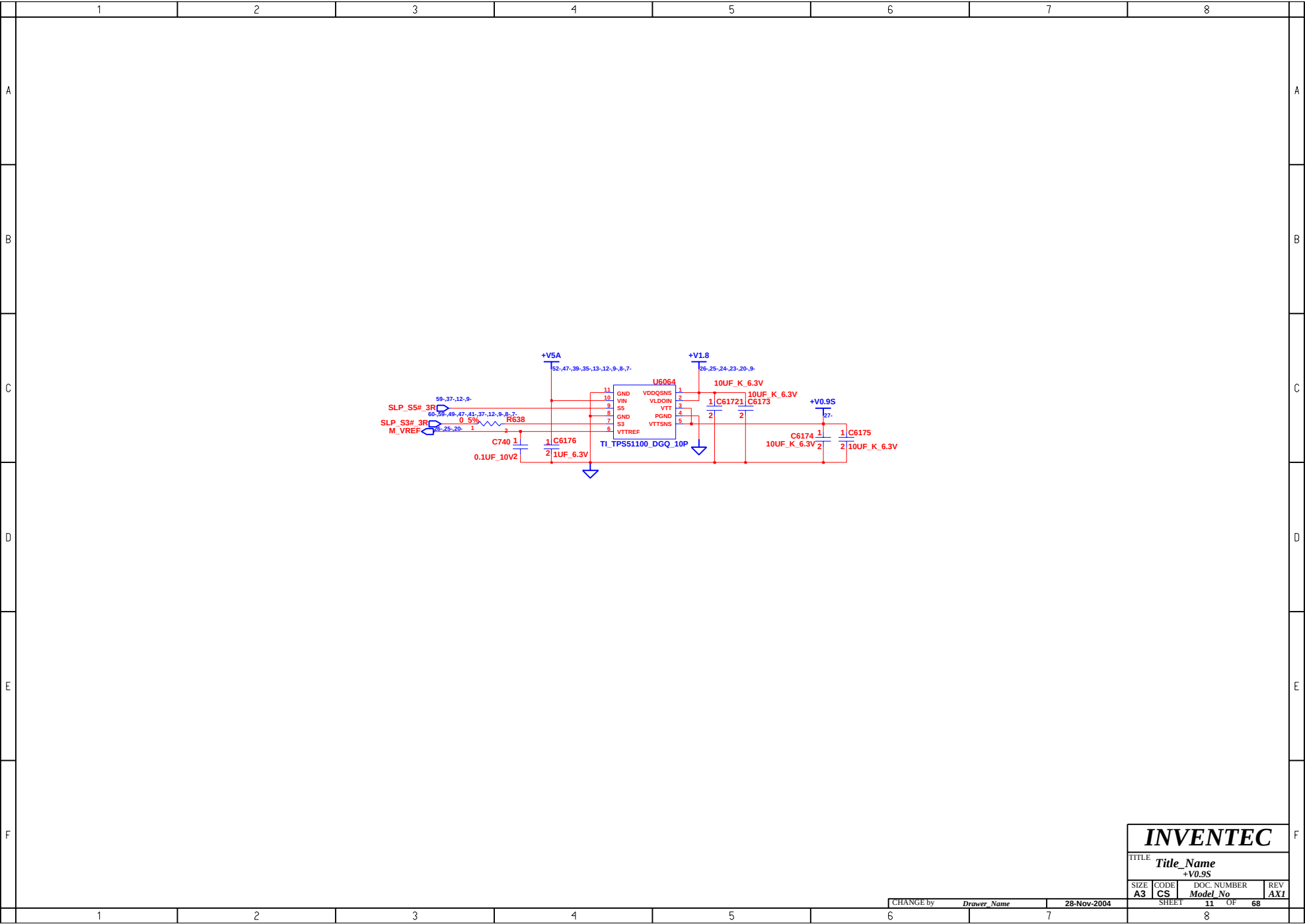


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TITLE			
Title Name			
CPU POWER(VCC_CORE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by *Drawer Name* 3-Dec-2004

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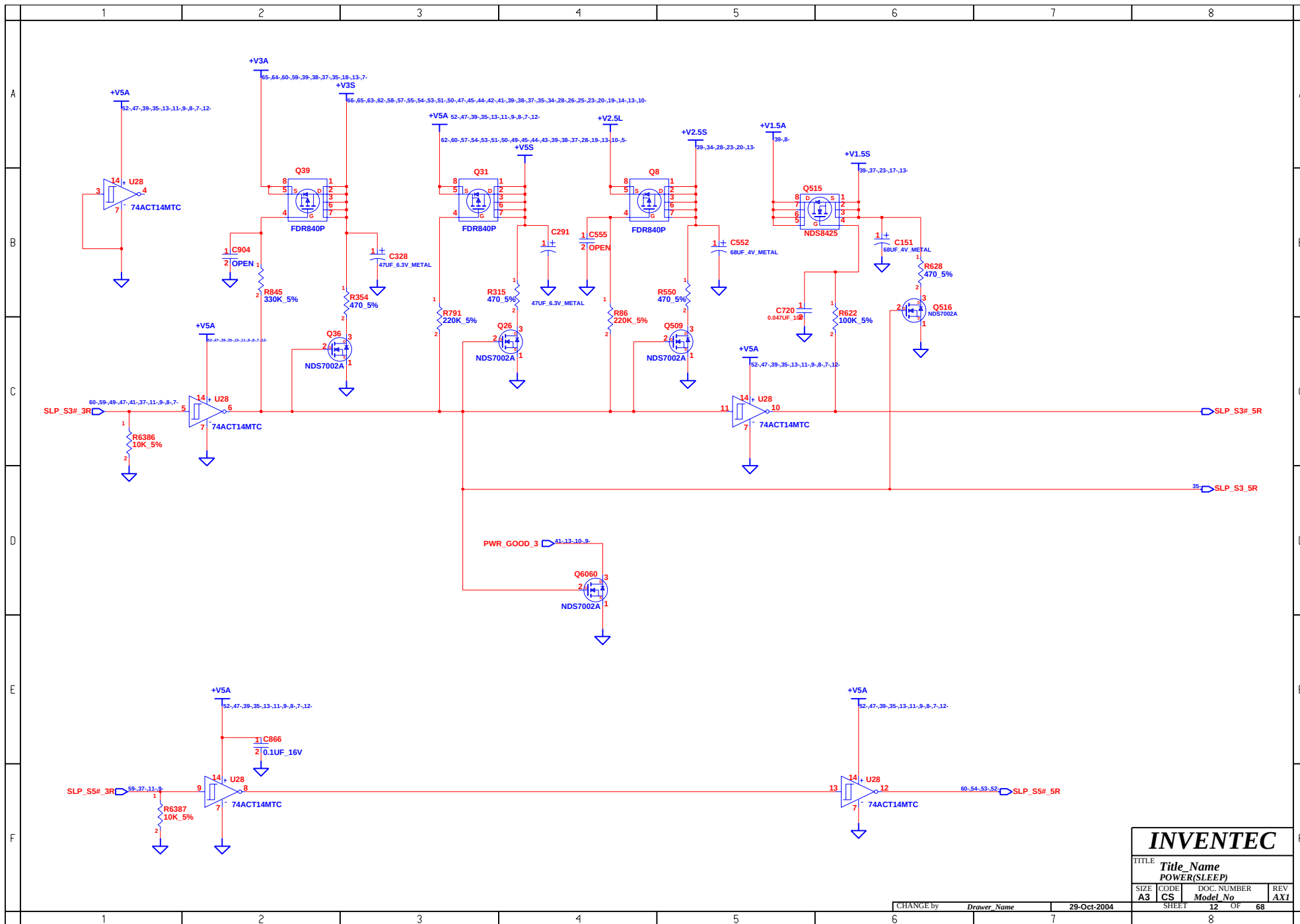


INVENTEC

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Title_Name			
+V0.9S			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by Drawer Name 28-Nov-2004

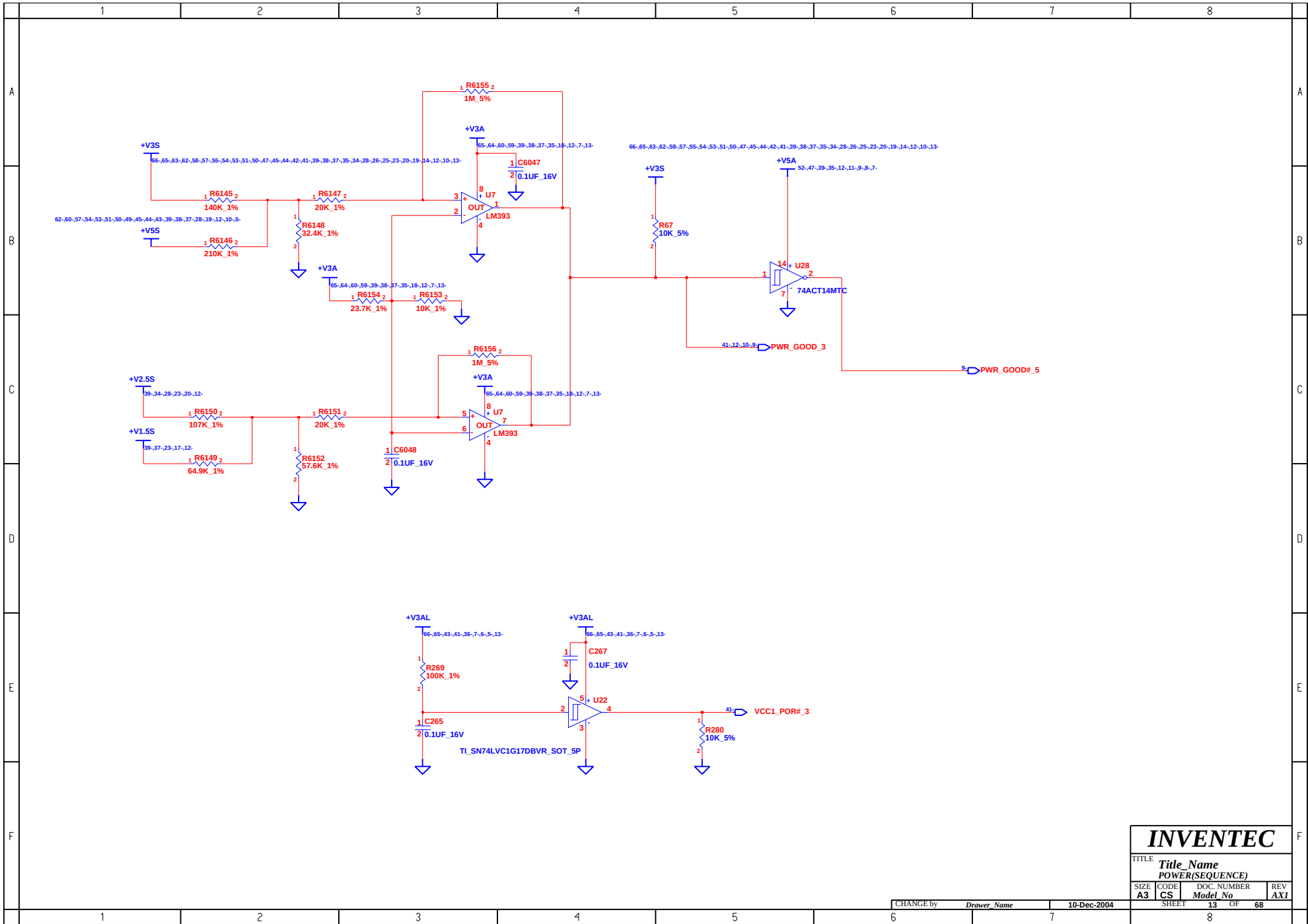
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INVENTEC

TITLE			
Title Name			
POWER(SLEEP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
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CHANGE by *Drawer Name* 29-Oct-2004

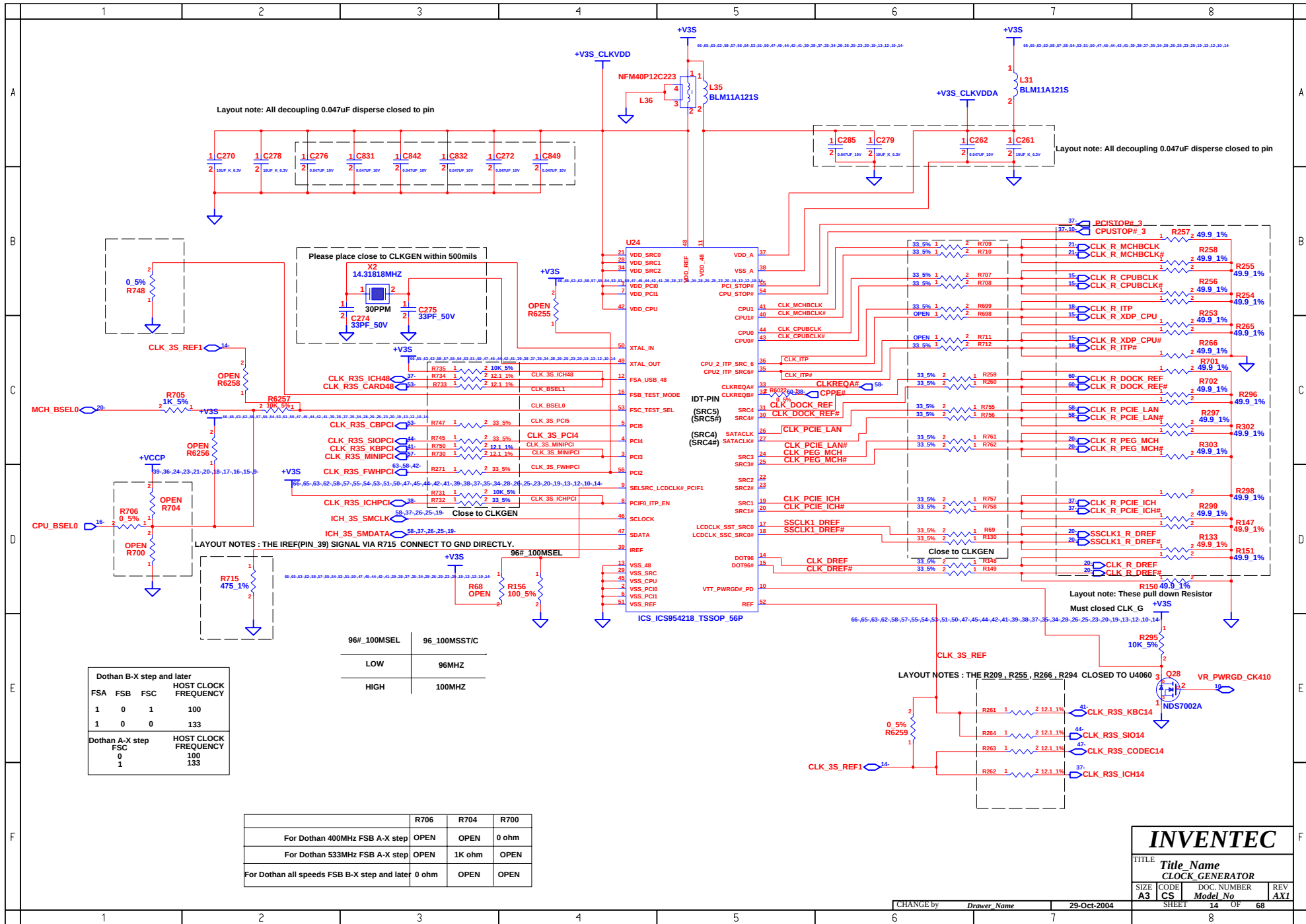


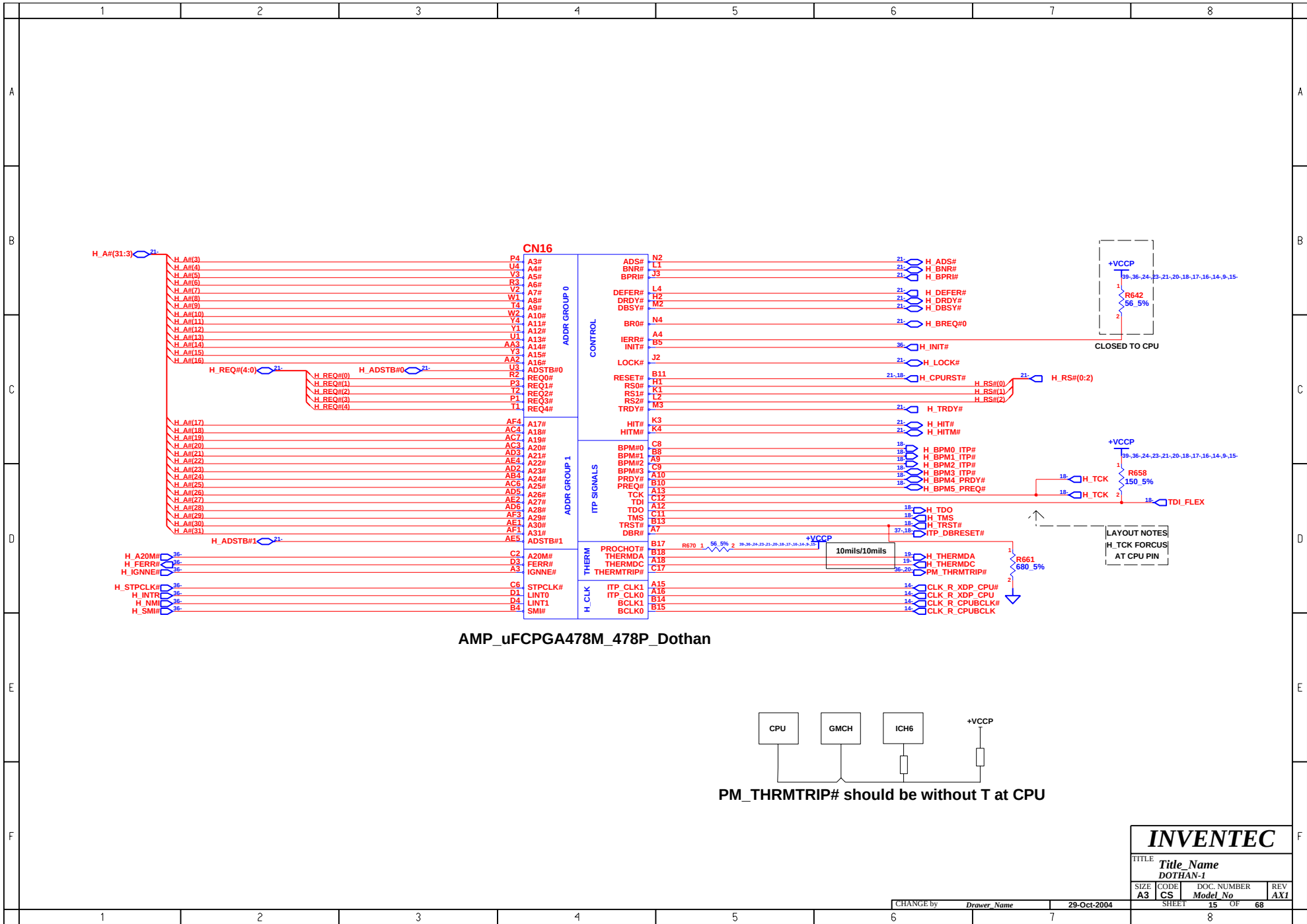
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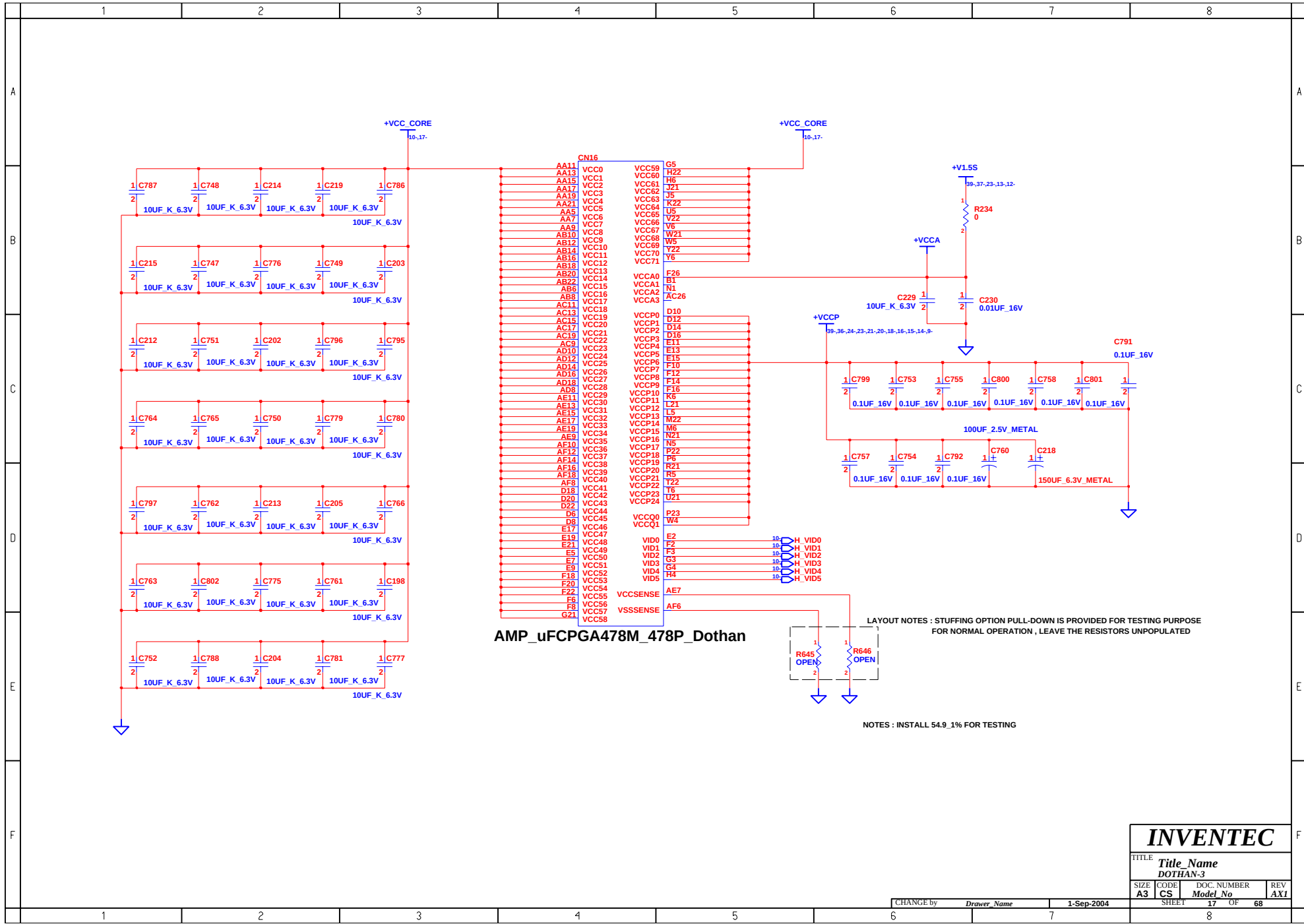
TITLE			
Title_Name			
POWER(SEQUENCE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by *Drawn Name* 10-Dec-2004

SHEET 13 OF 68







AMP_uFCPGA478M_478P_Dothan

LAYOUT NOTES : STUFFING OPTION PULL-DOWN IS PROVIDED FOR TESTING PURPOSE
FOR NORMAL OPERATION , LEAVE THE RESISTORS UNPOPULATED

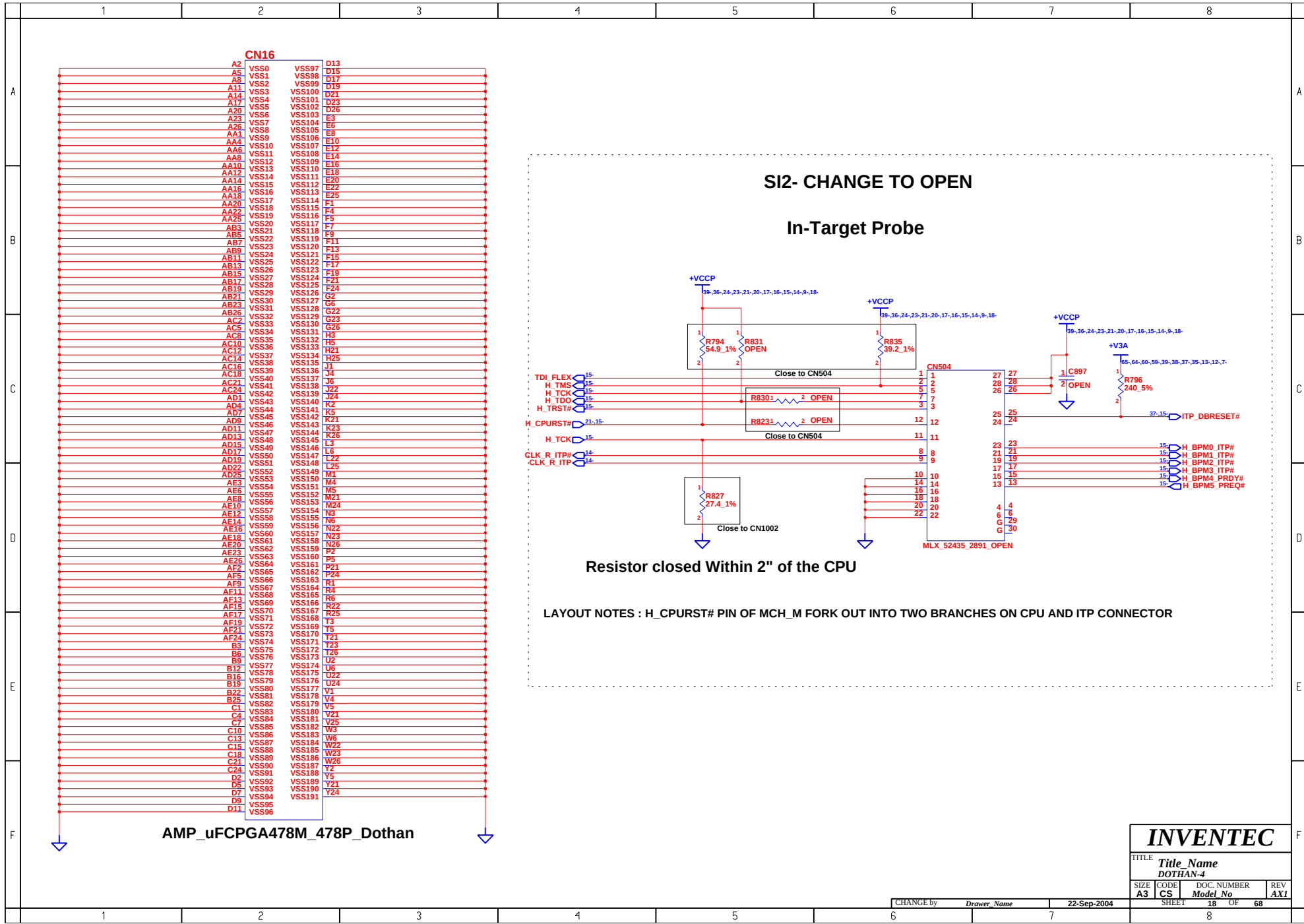
NOTES : INSTALL 54.9_1% FOR TESTING

INVENTEC

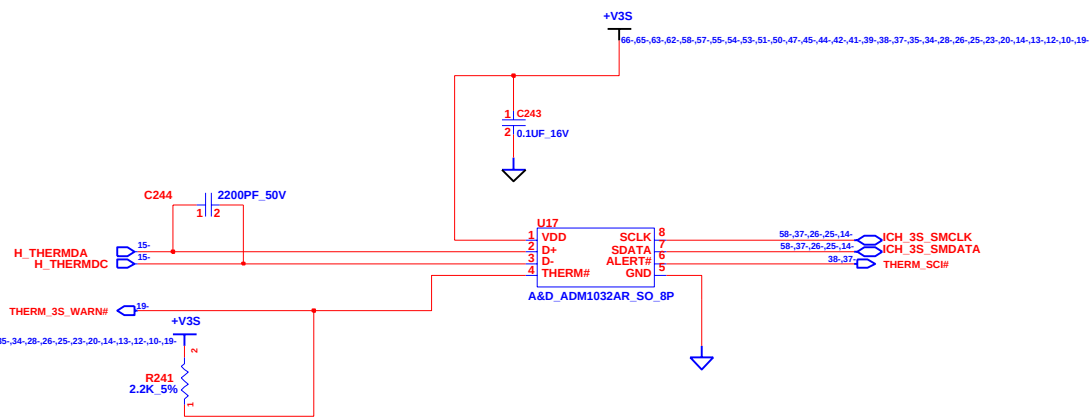
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Title Name			
DOTHAN-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Drawer Name 1-Sep-2004

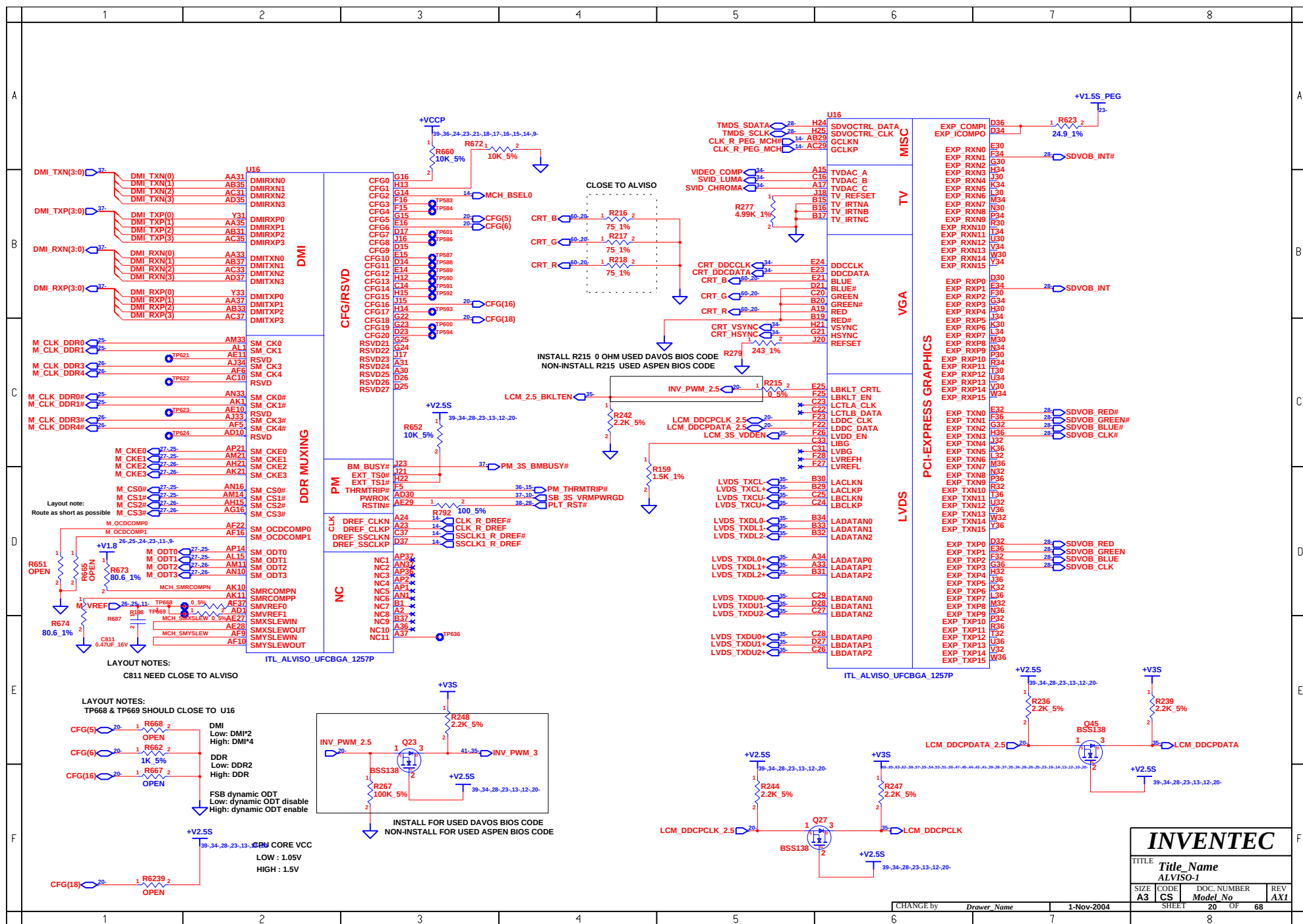
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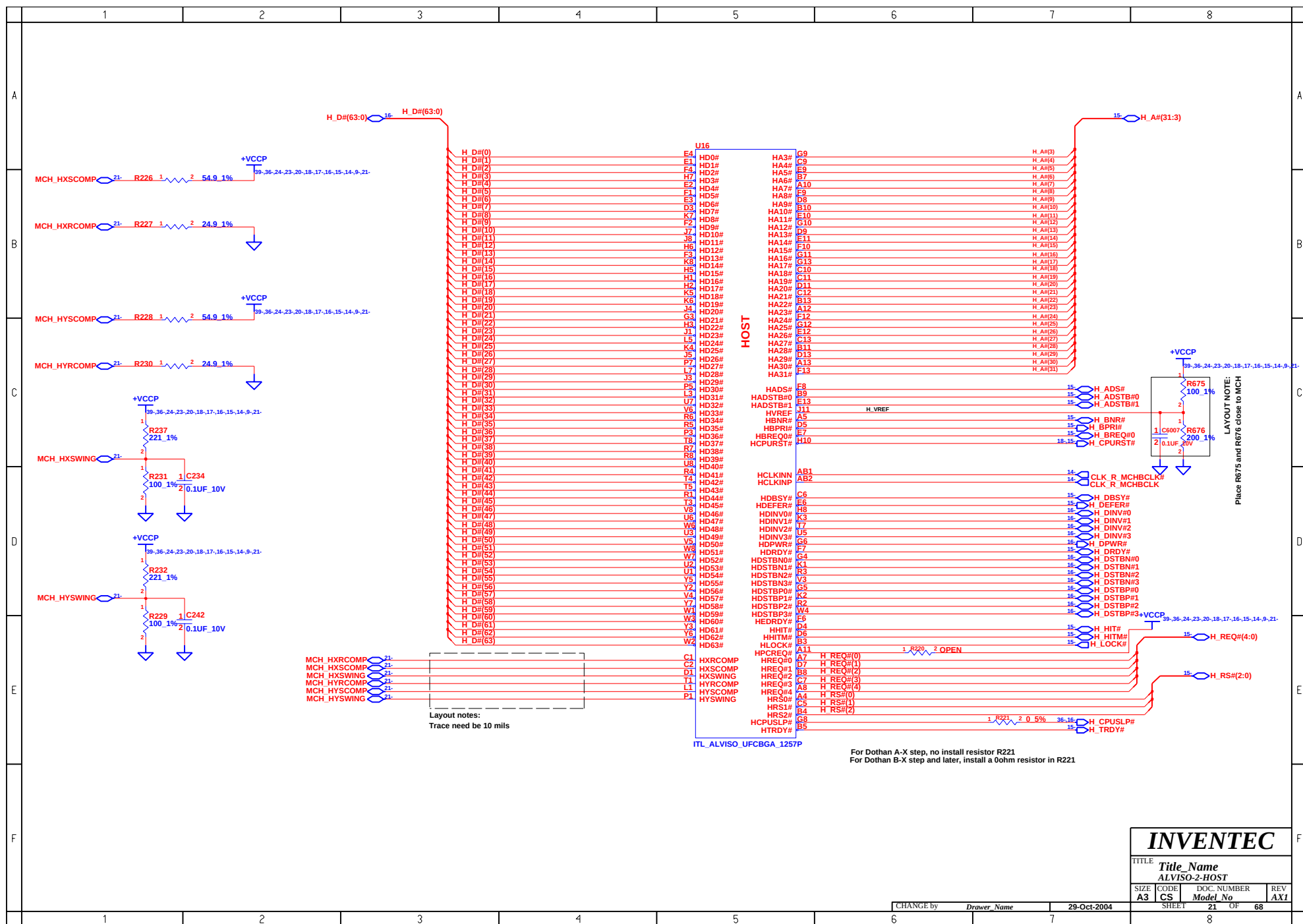


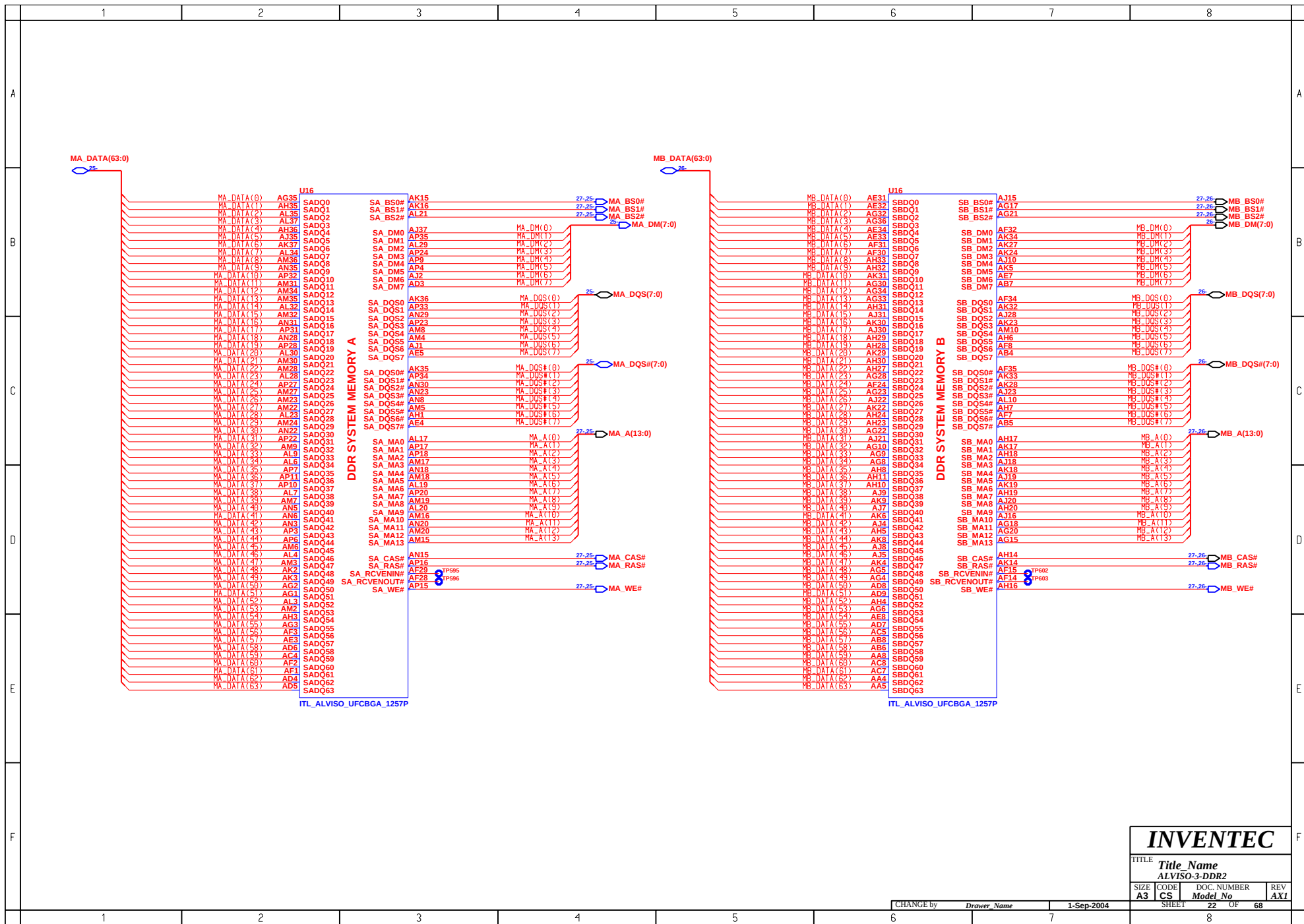
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TITLE			
Title_Name			
DOTHAN-4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI
CHANGE by		Drawer_Name	22-Sep-2004
SHEET		18	OF 68



INVENTEC			
TITLE Title Name THERMAL&FAN CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AXI
SHEET		19	OF 68



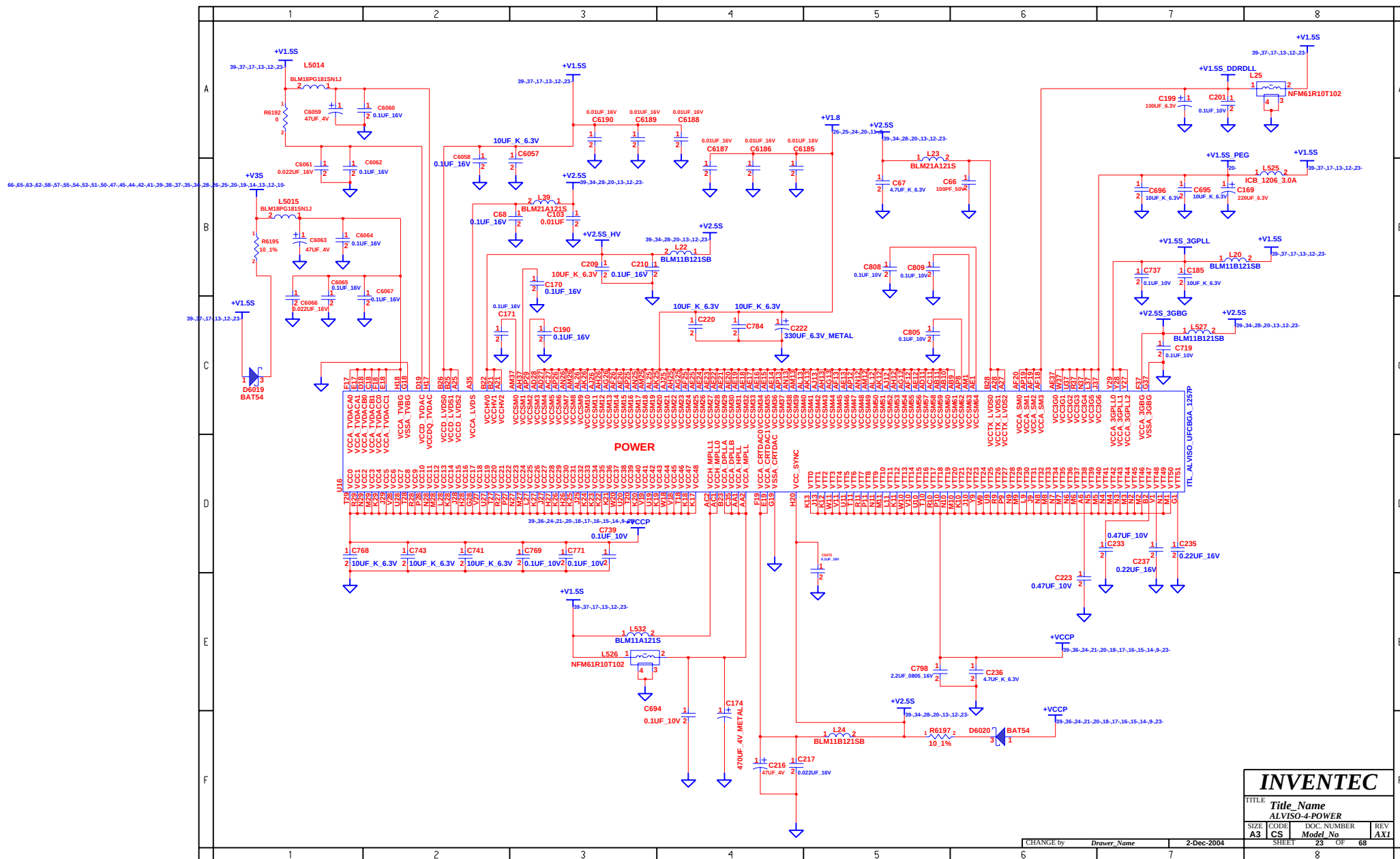


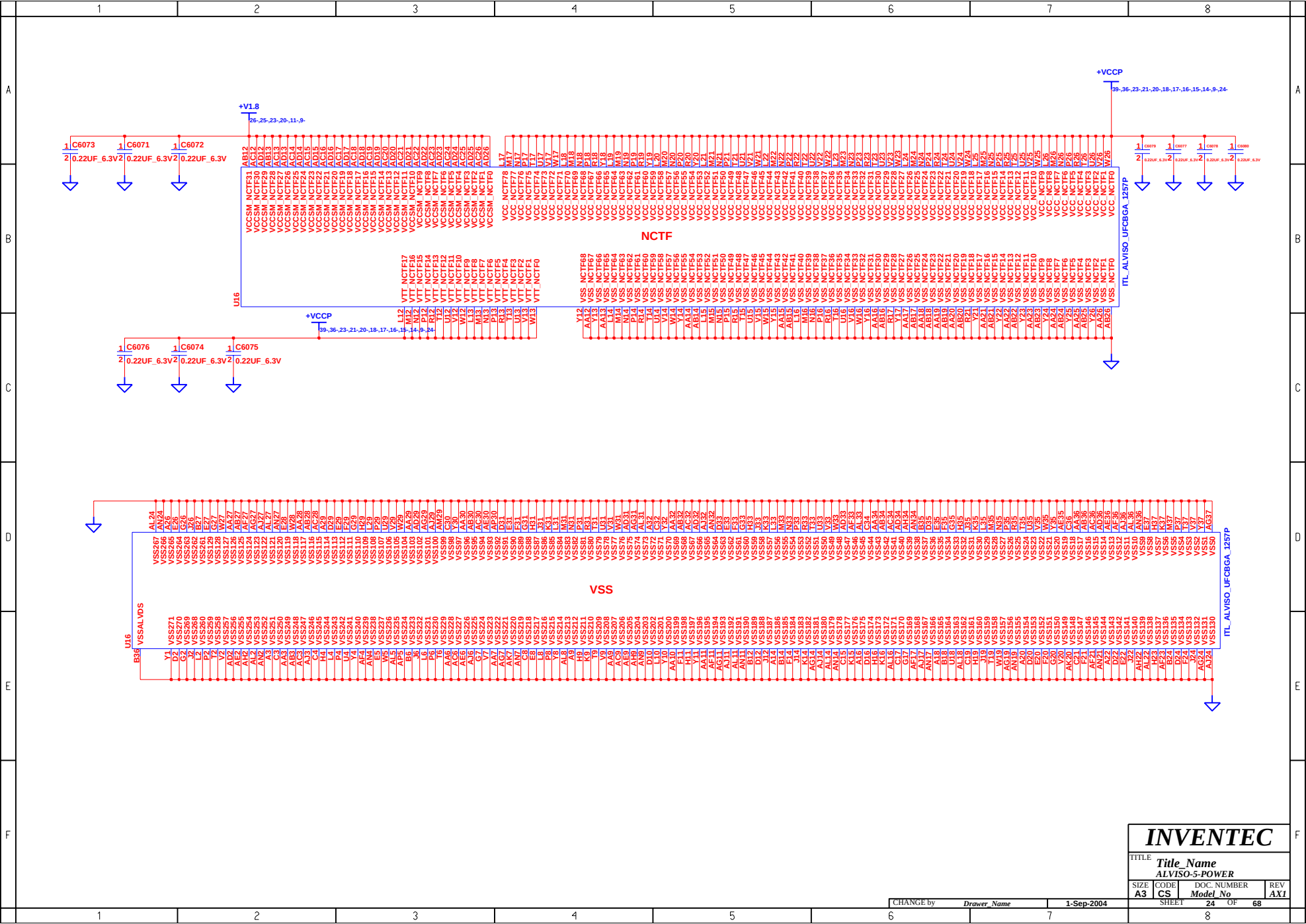


INVENTEC

TITLE			
Title Name			
ALVISO-3-DDR2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
SHEET		22	OF 68

CHANGE by Drawer Name 1-Sep-2004



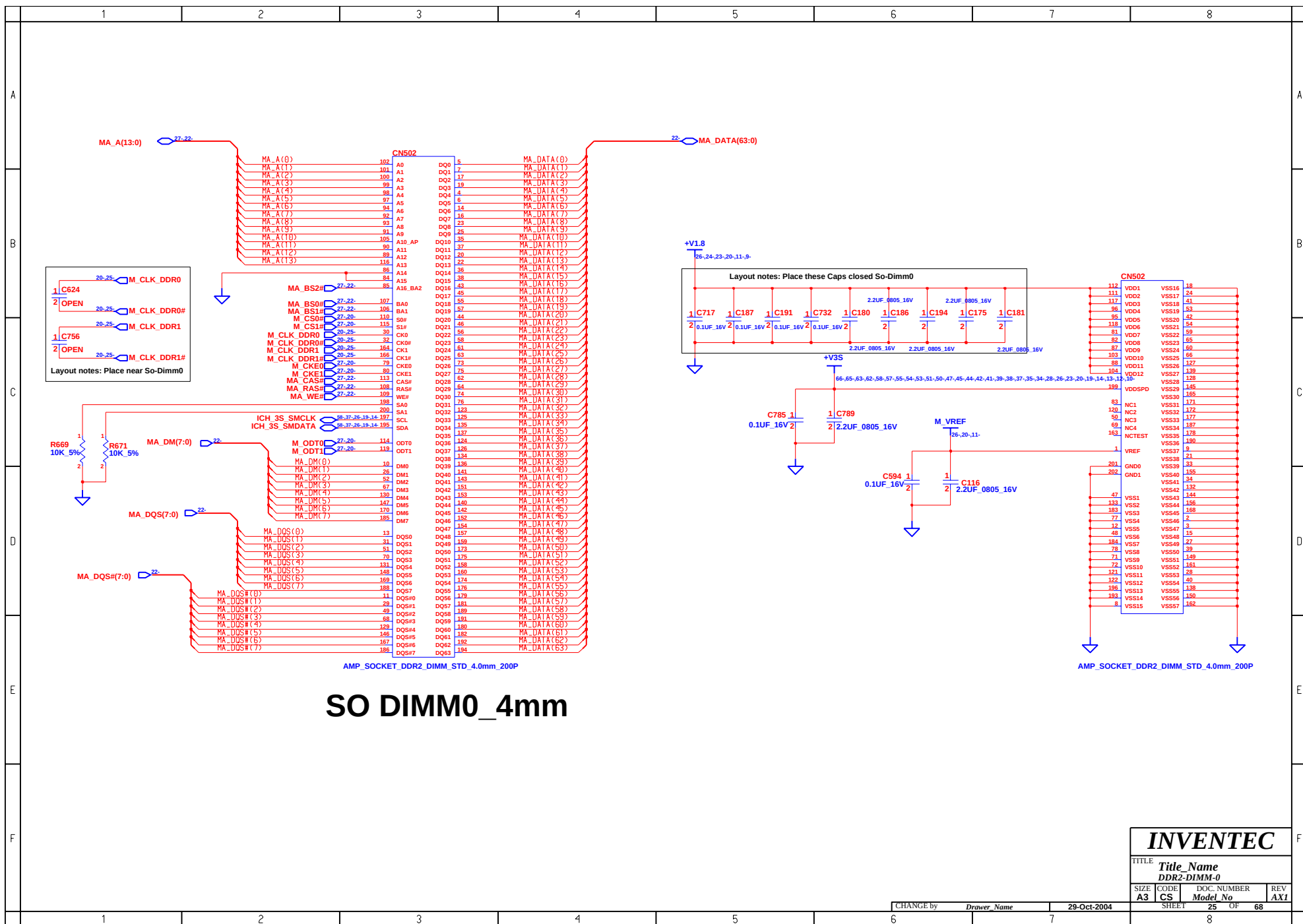


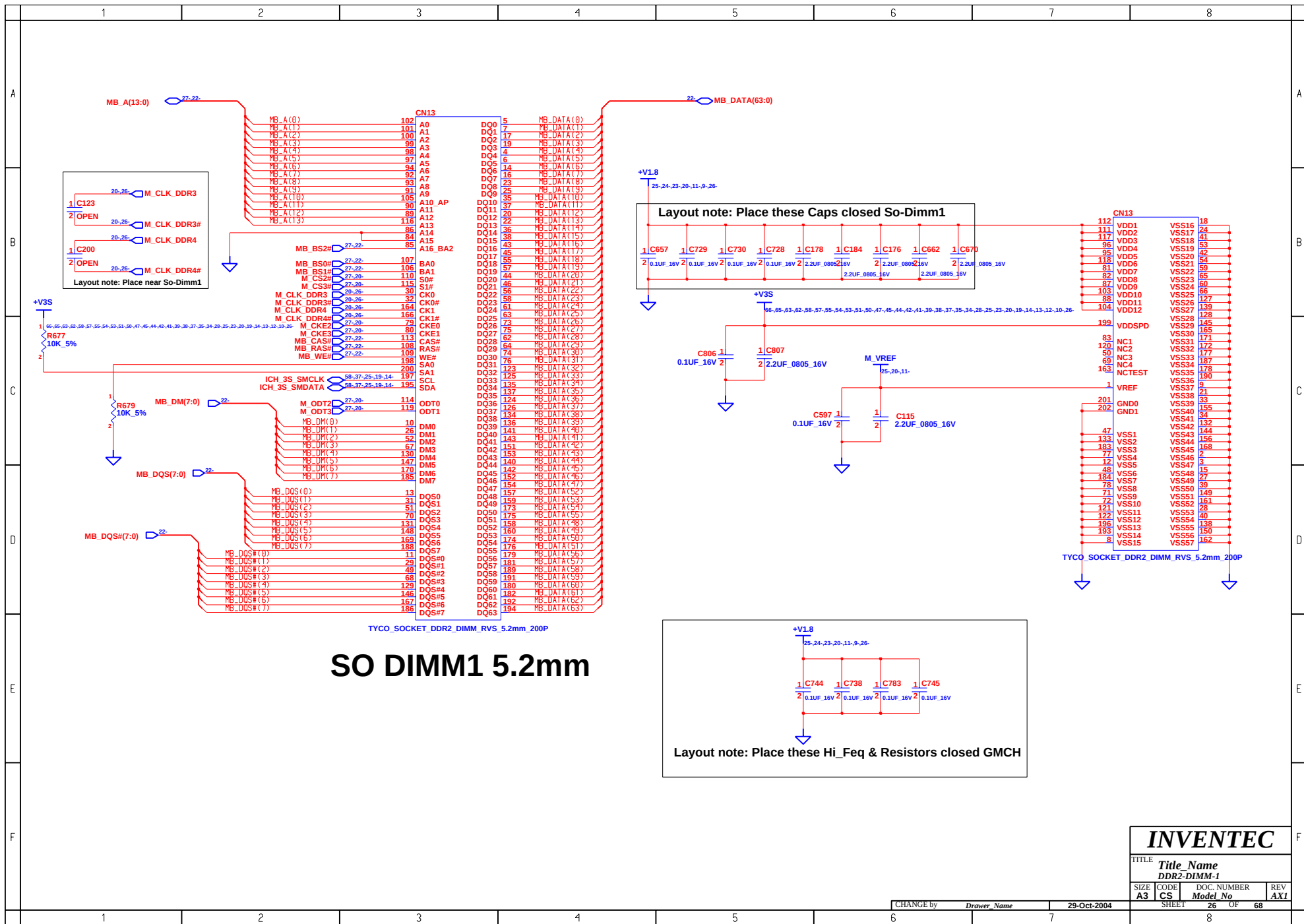
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TITLE			
Title Name			
ALVISO-5-POWER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Drafter Name 1-Sep-2004

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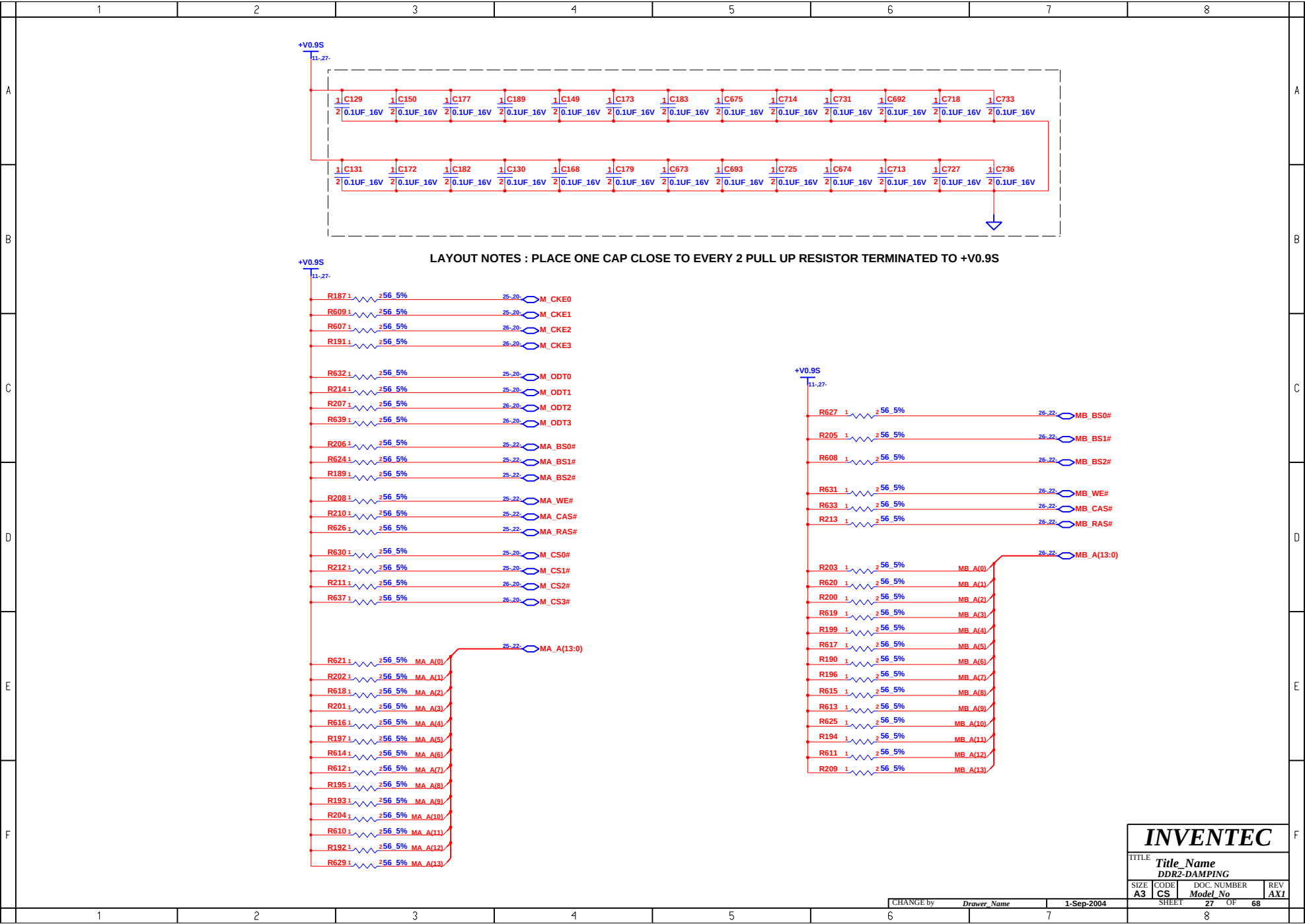


INVENTEC

TITLE			
Title Name			
DDR2-DIMM-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by *Drawer Name* 29-Oct-2004

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	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 <i>Title_Name</i> ATI-M24-P-3			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by <i>Drawn Name</i>		1-Sep-2004	
SHEET 29		OF 68	

	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 <i>Title_Name</i> <i>ATI-M24-P-4</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1
SHEET 30		OF 68	

CHANGE by *Drawn Name* 1-Sep-2004

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

INVENTEC			
TITLE <i>Title Name</i>			
VGA DAMPING RESISTOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
SHEET		31	OF 68

CHANGE by *Drawn Name* 27-Sep-2003

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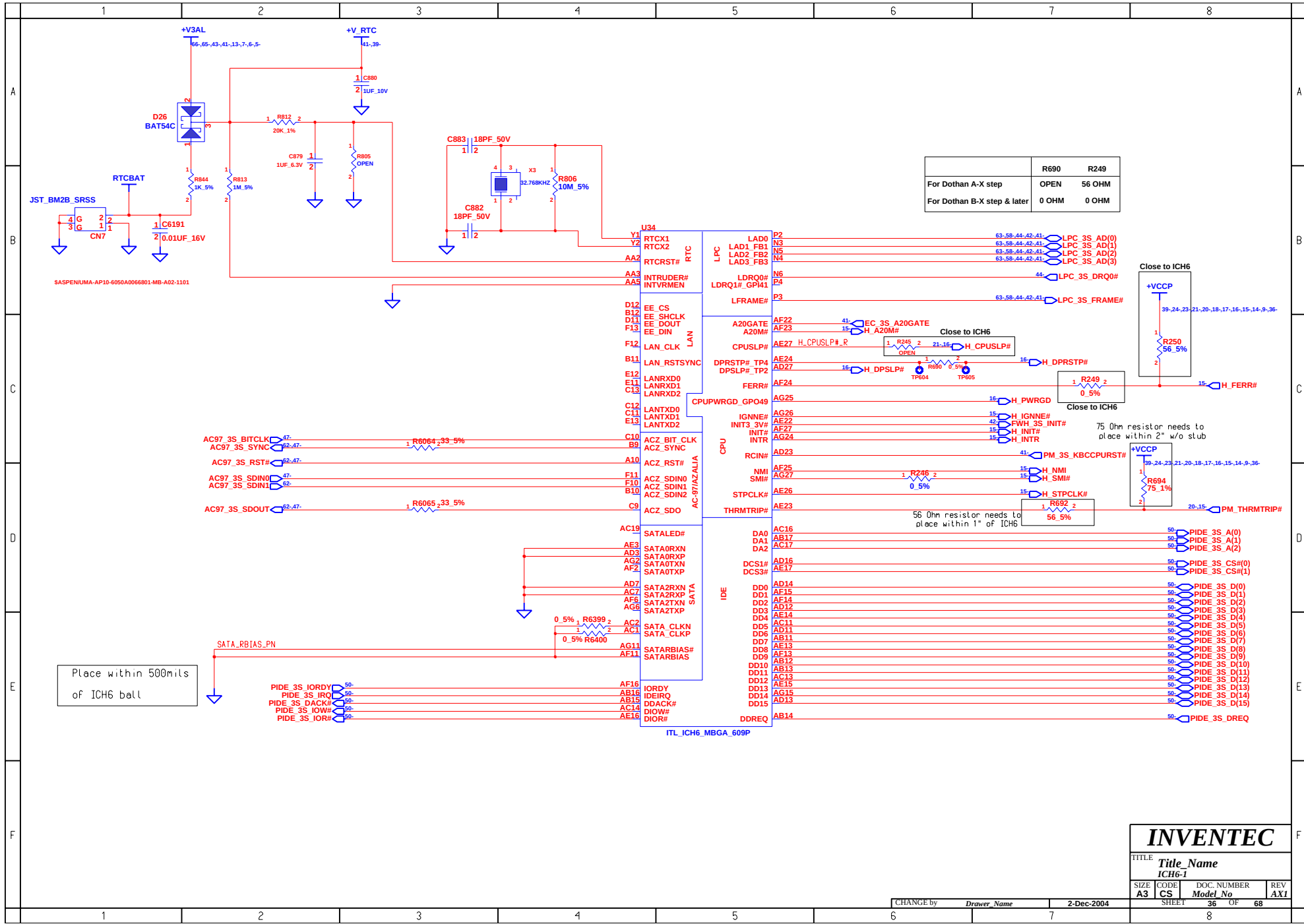
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INVENTEC

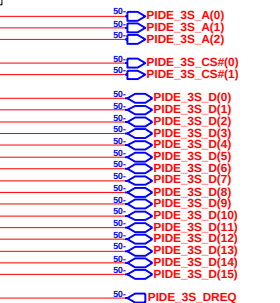
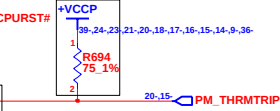
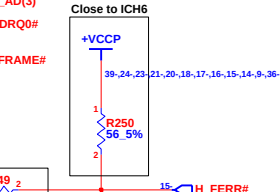
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SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1

CHANGE by *Drawn Name* 1-Sep-2004

SHEET 33 OF 68



	R690	R249
For Dothan A-X step	OPEN	56 OHM
For Dothan B-X step & later	0 OHM	0 OHM

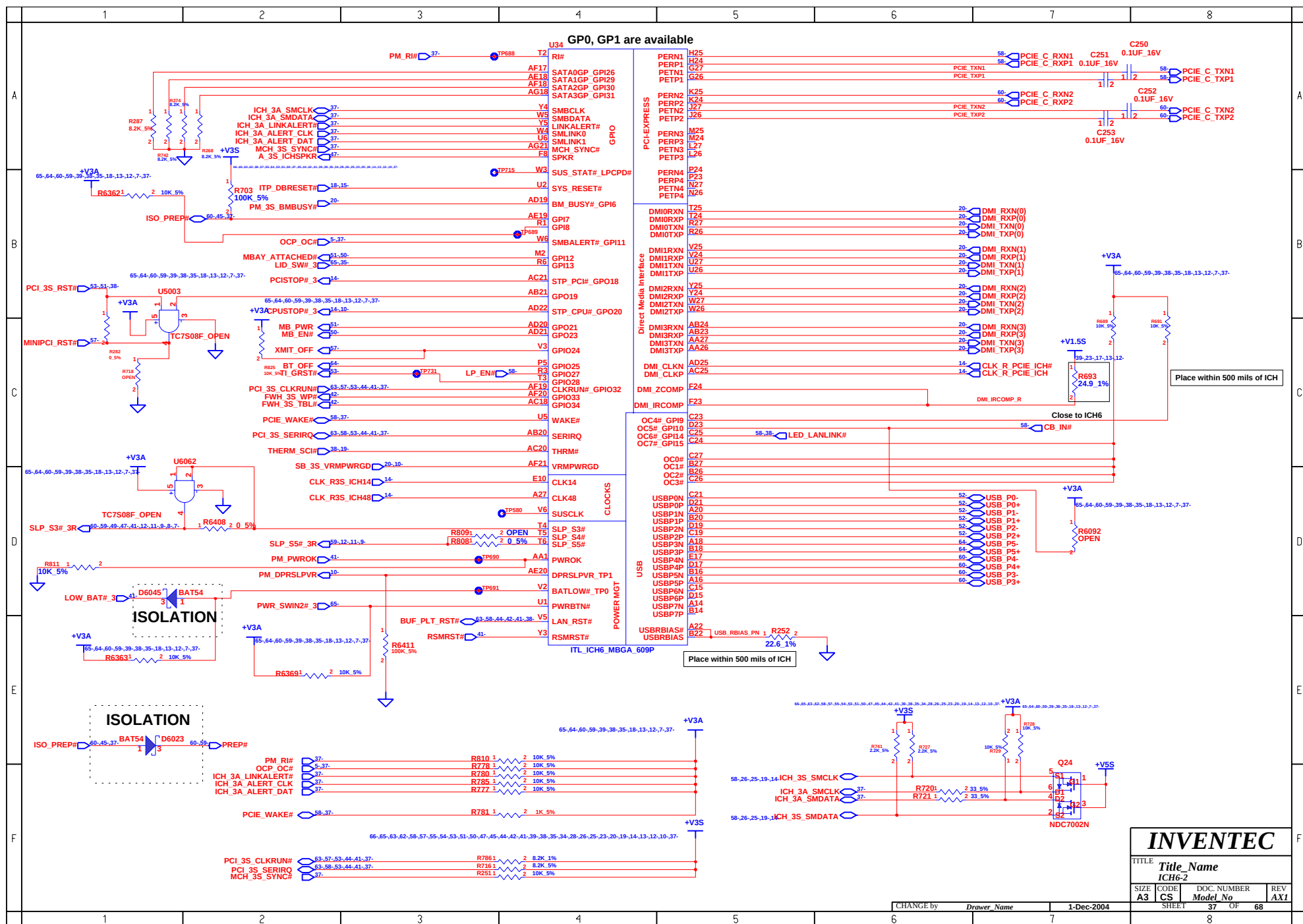


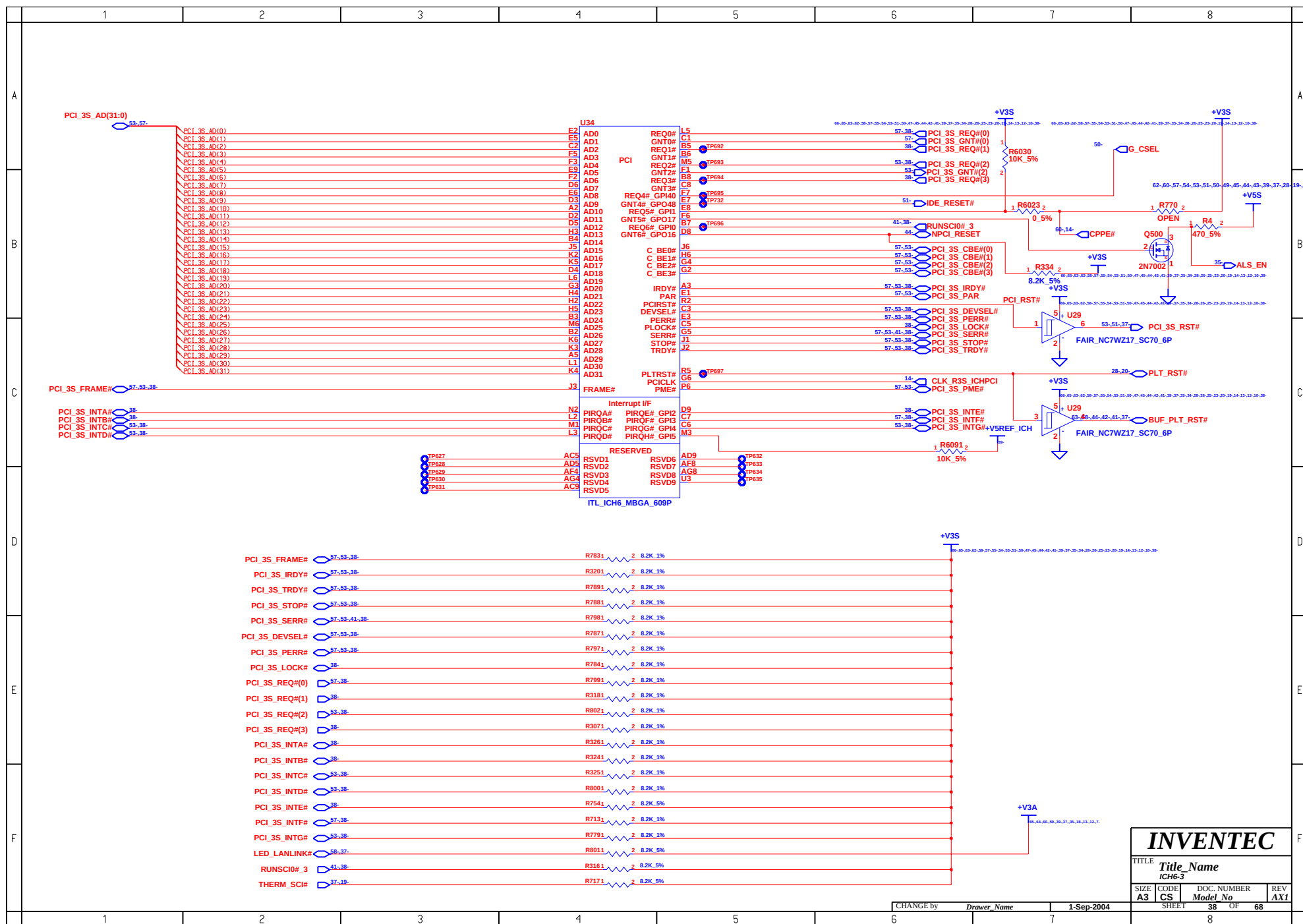
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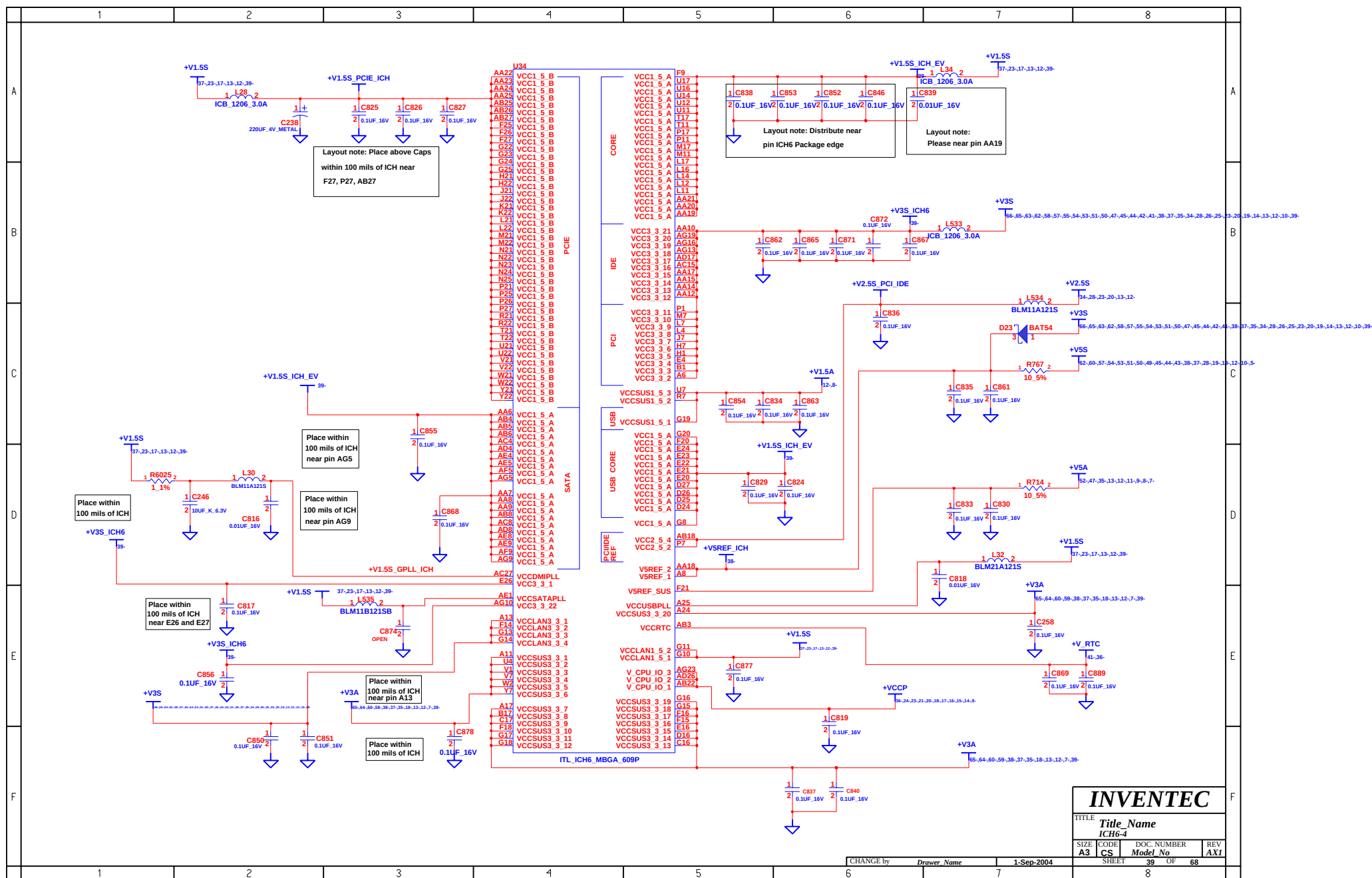
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1

CHANGE by *Drawn Name* 2-Dec-2004

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B									B
C									C
D									D
E									E
F									F

U34

E27

V6

Y27

Y26

Y23

W7

W25

W24

W23

W1

V4

V27

V26

V25

U25

U24

U23

U19

T7

T26

T23

T16

T15

T14

T13

T12

R4

R25

R24

R23

R17

R16

R15

R14

R13

R12

R11

P22

P16

P15

P14

P13

P12

N7

N17

N16

N15

N14

N13

N12

N11

N1

M4

M27

M26

M23

M18

M15

M14

M13

M12

L25

L24

L23

L15

L13

K7

K27

K26

K23

K1

J5

J24

J23

H27

H26

H23

G9

G7

G24

G12

G1

VSS172

VSS171

VSS170

VSS169

VSS168

VSS167

VSS166

VSS165

VSS164

VSS163

VSS162

VSS161

VSS160

VSS159

VSS158

VSS157

VSS156

VSS155

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VSS143

VSS142

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VSS131

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VSS128

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VSS123

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VSS119

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VSS89

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VSS87

F4

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AG22

AG20

AG17

AG14

AG12

AG1

AF7

AF3

AF26

AF12

AF10

AF1

AE7

AE6

AE25

AE21

AE2

AE12

AE11

AE10

AD6

AD24

AD2

AD18

AD15

AD10

AD1

AC3

AC6

AC26

AC24

AC23

AC22

AC15

AC10

AB9

AB7

AB2

AB19

AB10

AB1

AA4

AA16

AA13

AA11

A9

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A4

A26

A23

A21

A19

A15

A12

A1

ITL_ICH6_MBG_609P

INVENTEC

TITLE

Title_Name

ICH6-5

SIZE

A3

CODE

CS

DOC. NUMBER

Model No

REV

AX1

SHEET

40

OF

68

CHANGE by

Drawer_Name

1-Sep-2004

1

2

3

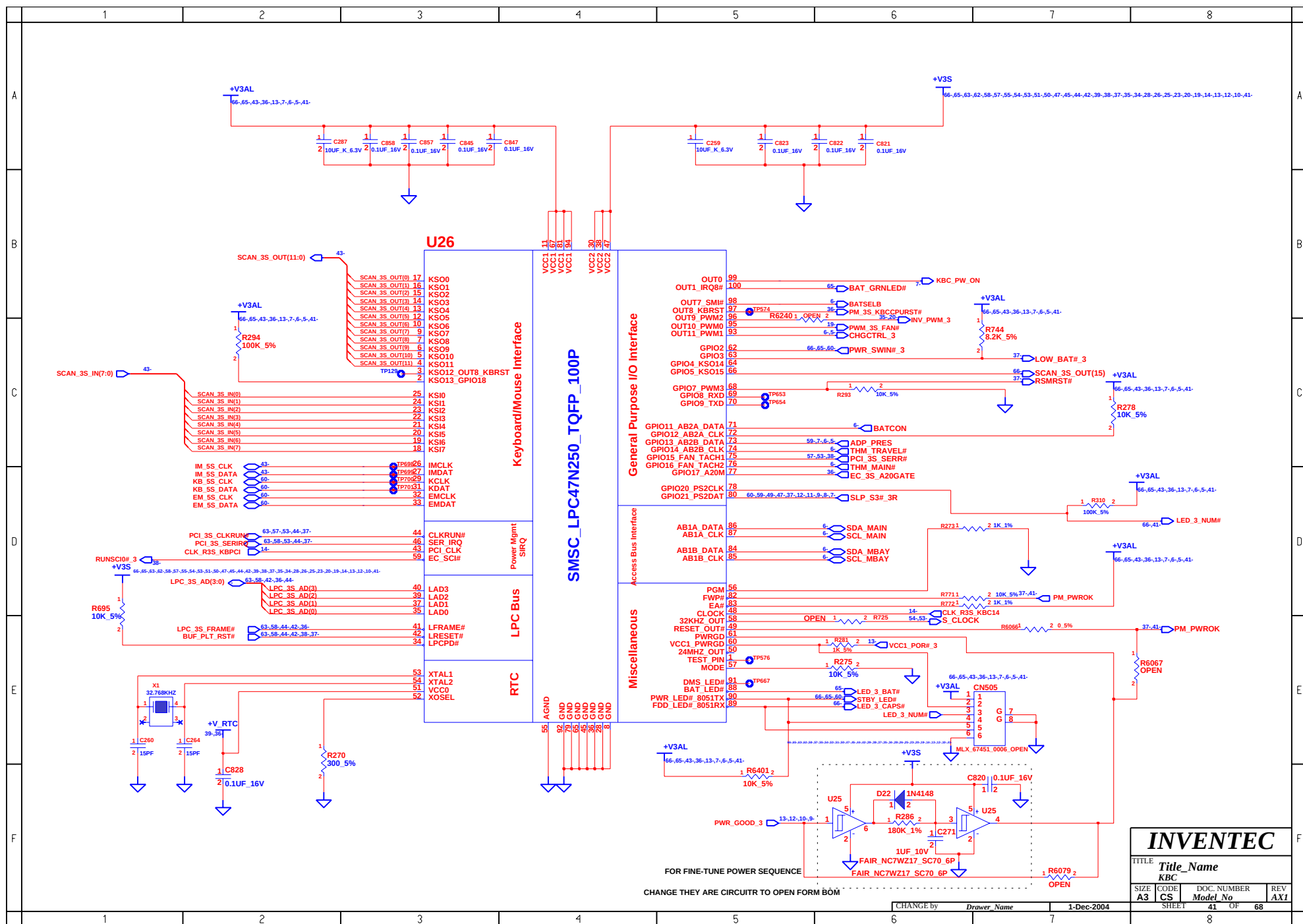
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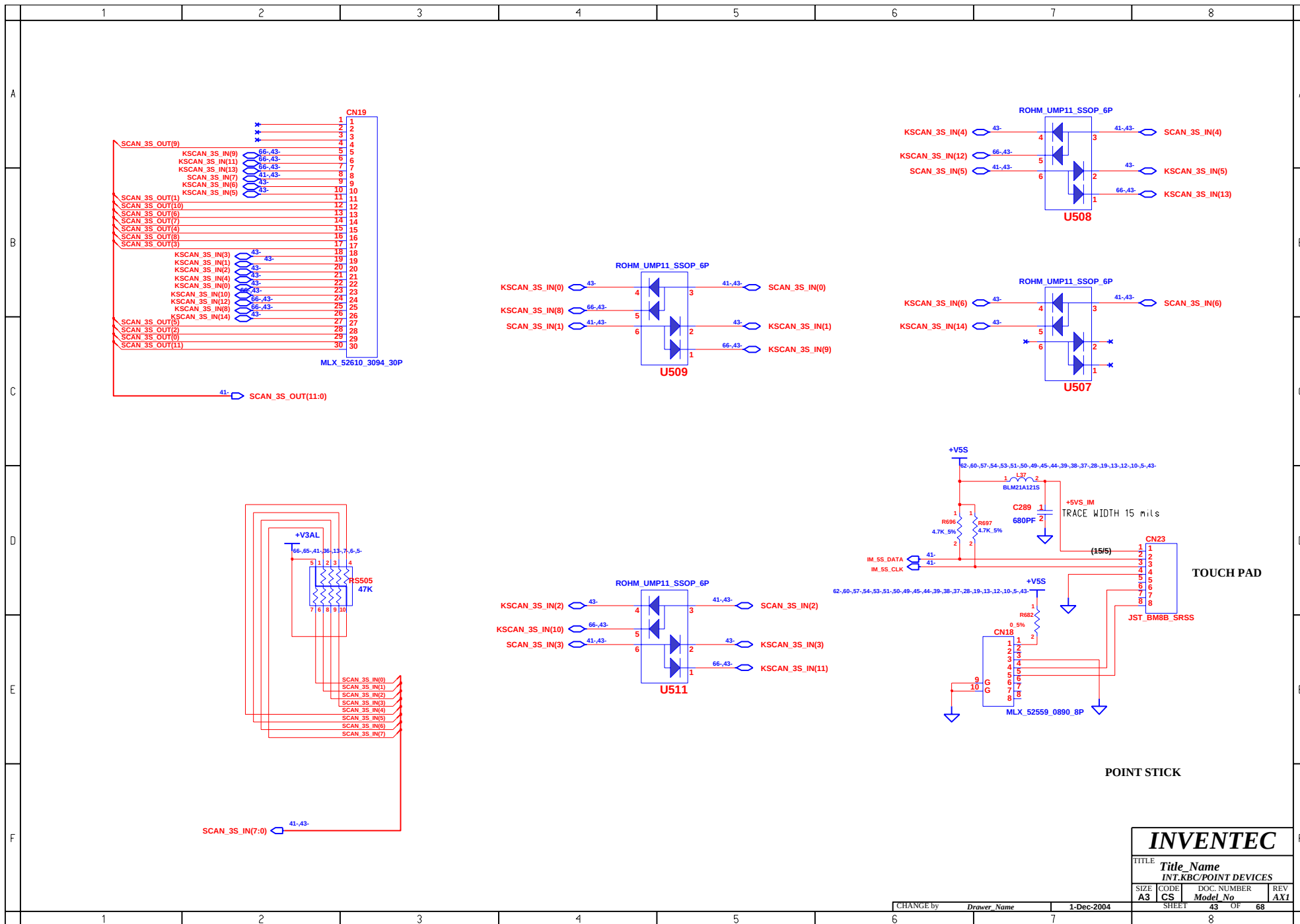
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7

8



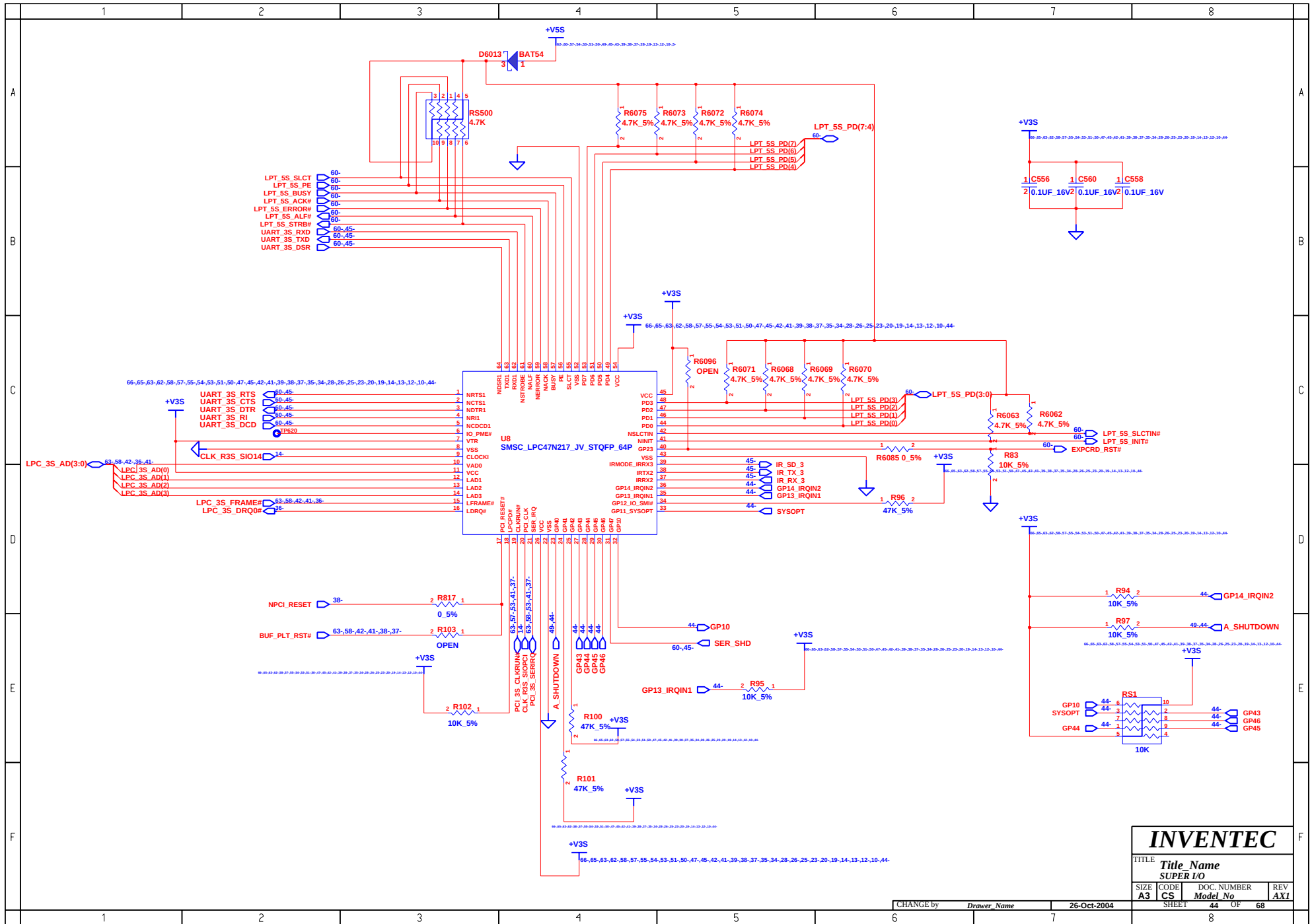


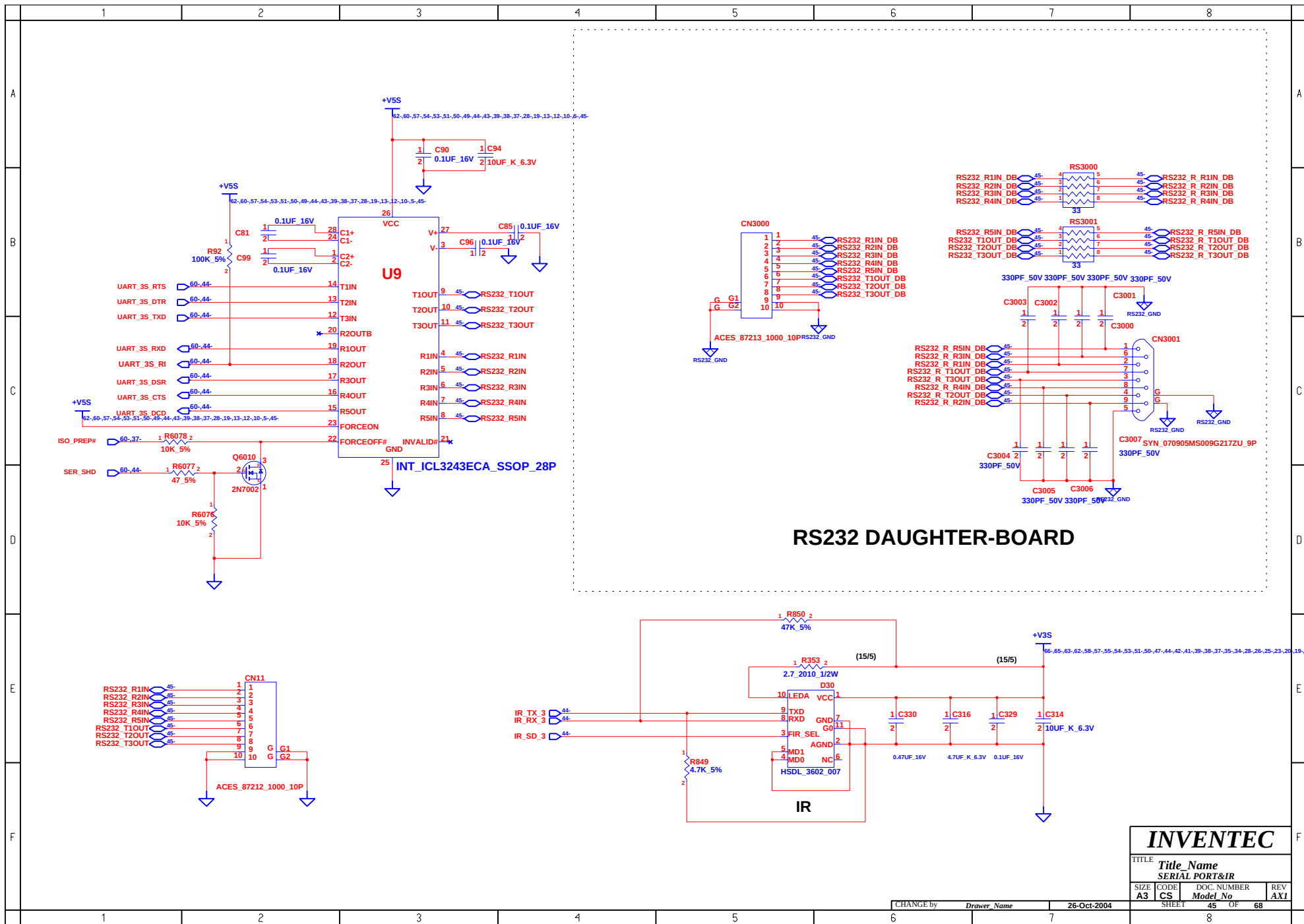
INVENTEC

TITLE			
Title Name			
INT.KBC/POINT DEVICES			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by *Drawer Name* 1-Dec-2004

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INVENTEC

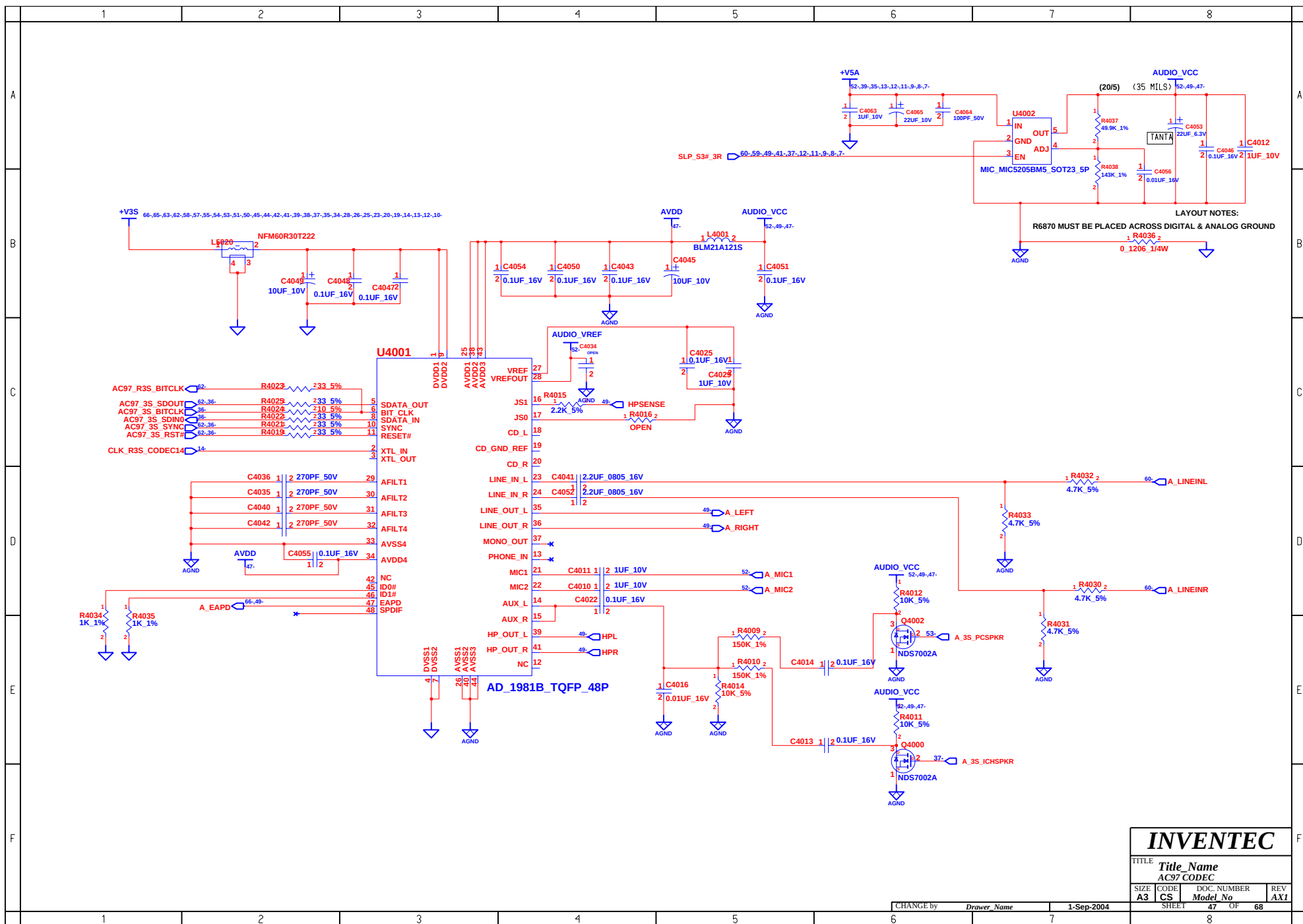
TITLE			
Serial Port&IR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

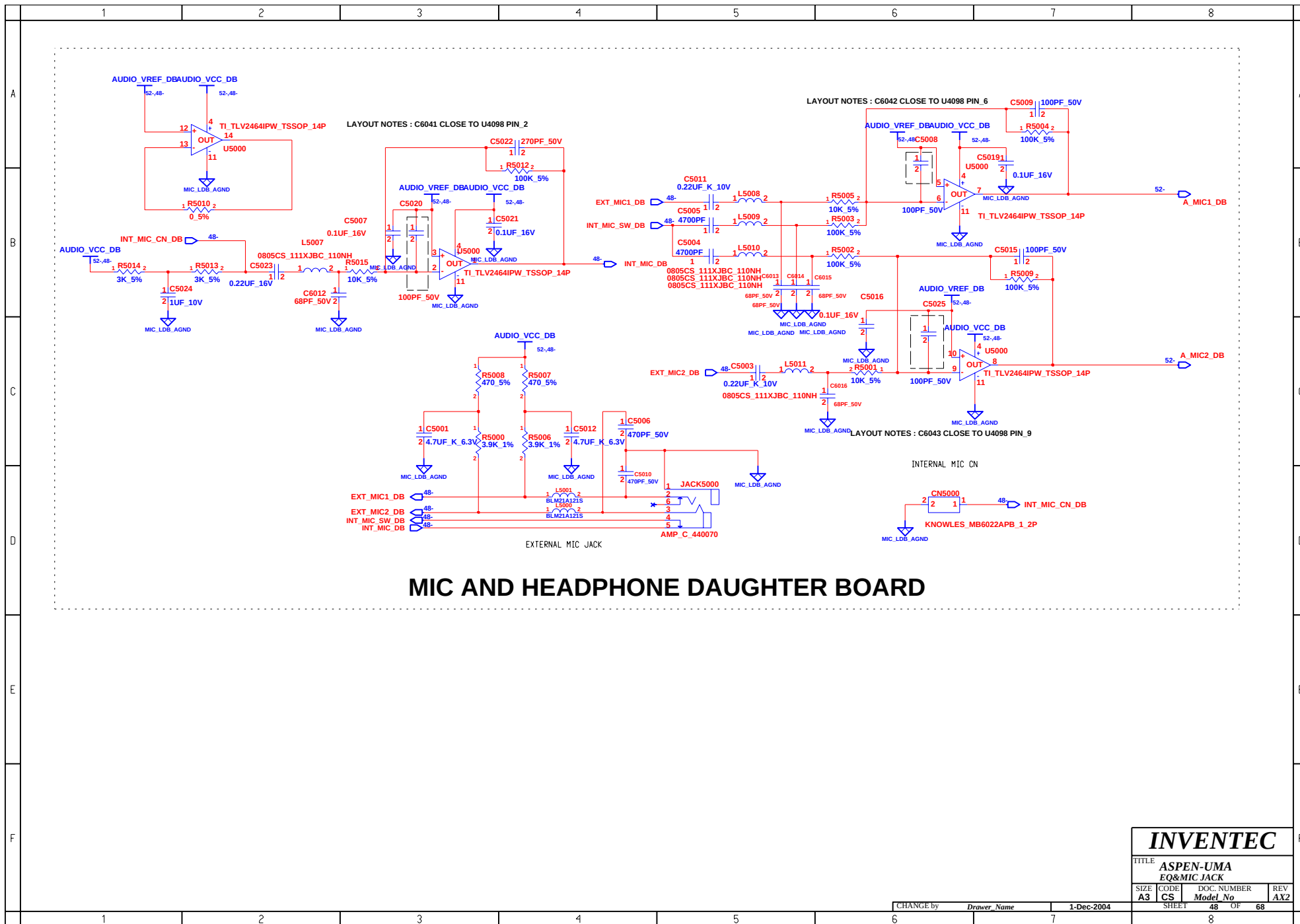
CHANGE by *Drawn Name* 26-Oct-2004

SHEET 45 OF 68

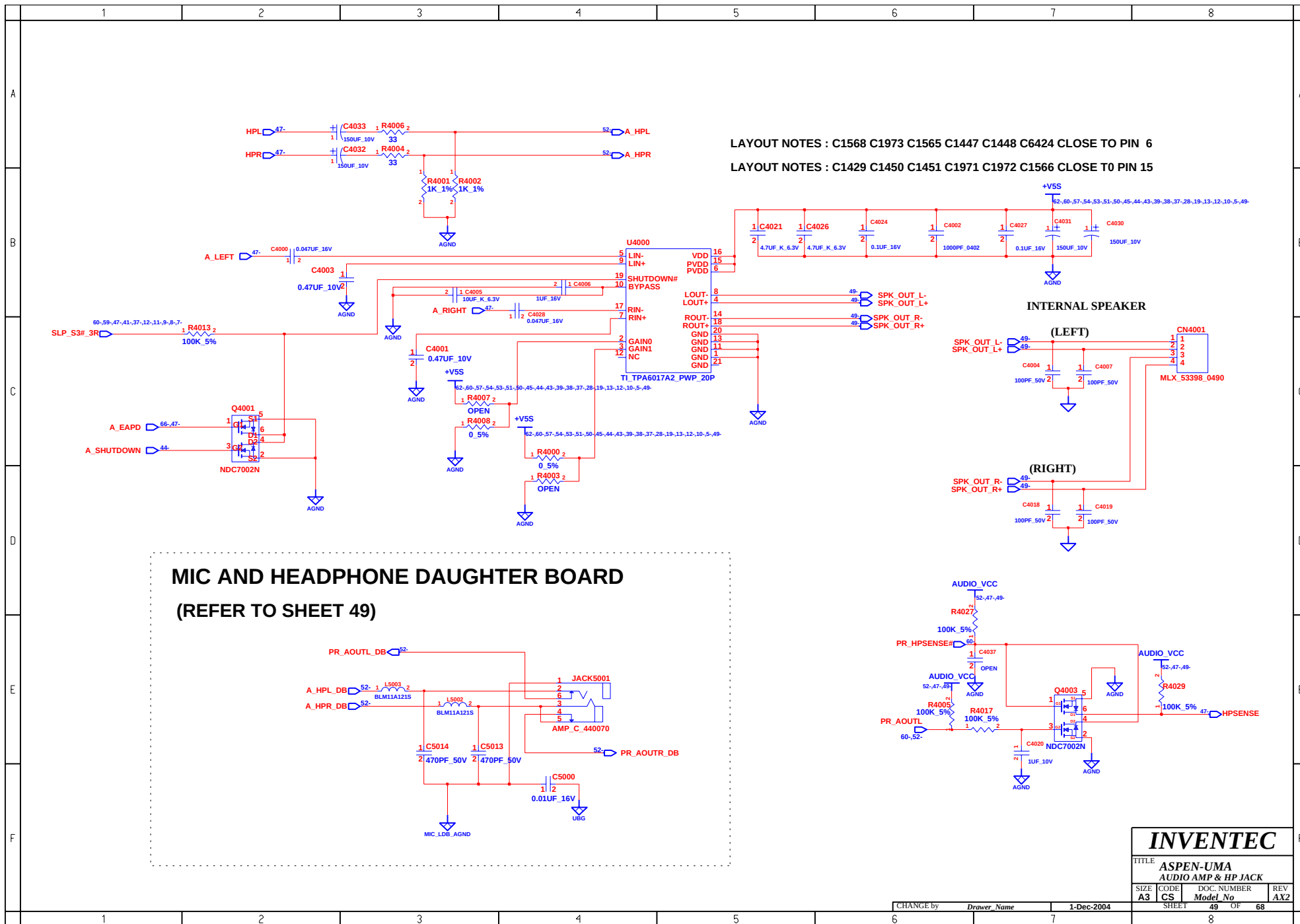
	1	2	3	4	5	6	7	8	
A	BLANK								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

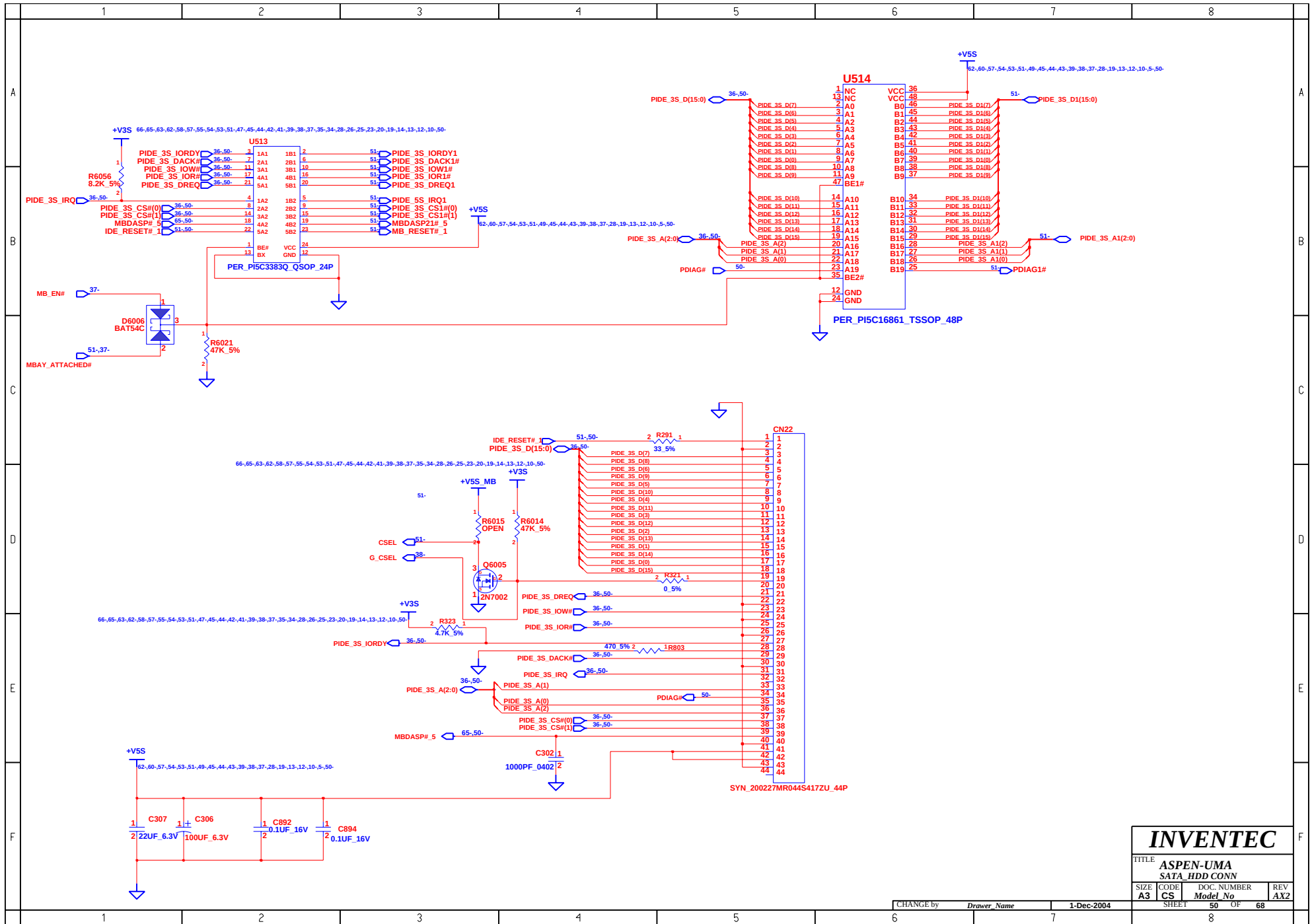
INVENTEC			
TITLE <i>Title Name</i> PARALLER PORT			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by <i>Drawn Name</i>		1-Sep-2004	
SHEET 46		OF 68	





INVENTEC			
TITLE ASPEN-UMA EQ&MIC JACK			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX2
CHANGE by Drawer Name		1-Dec-2004	
SHEET 48		OF 68	



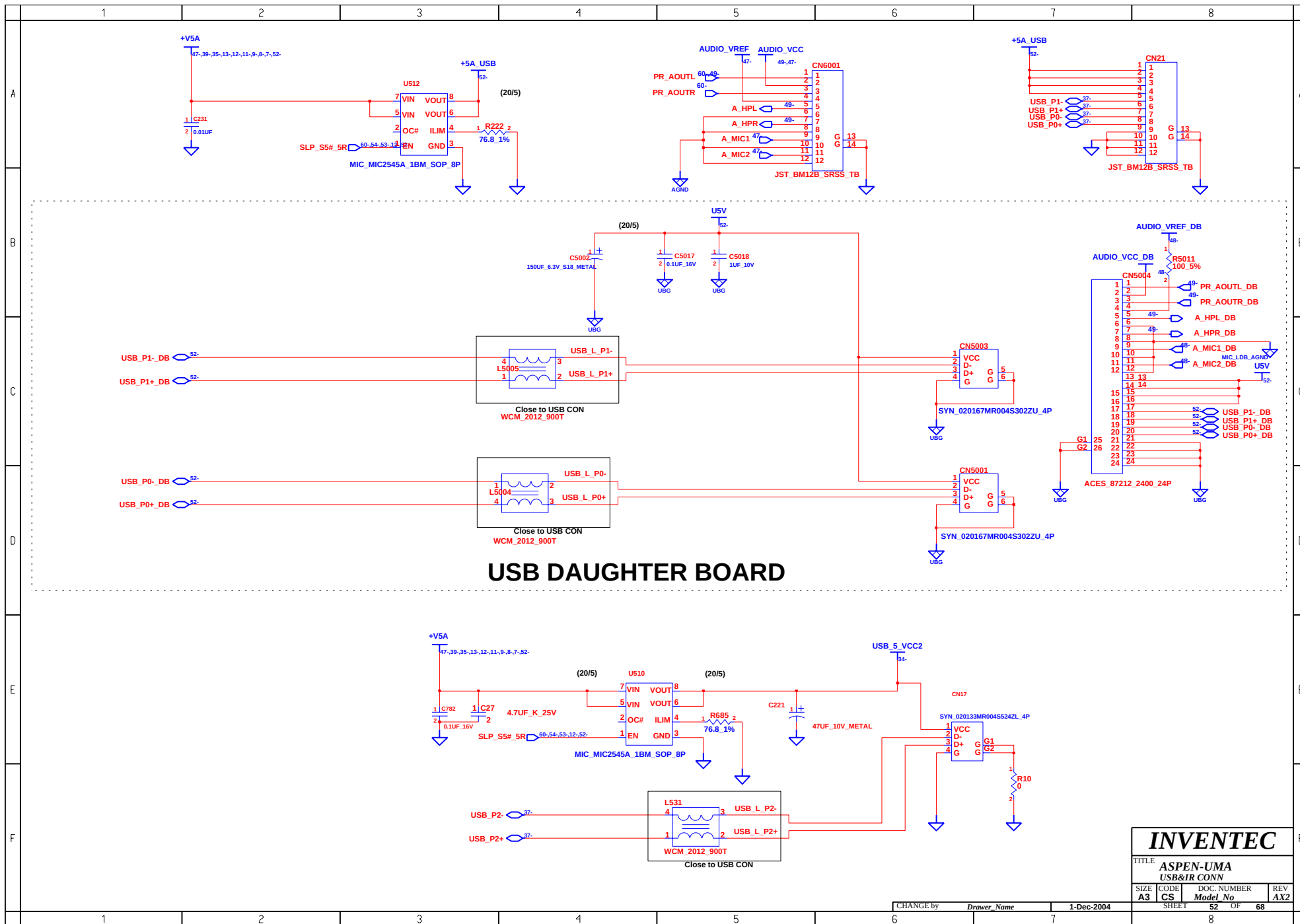


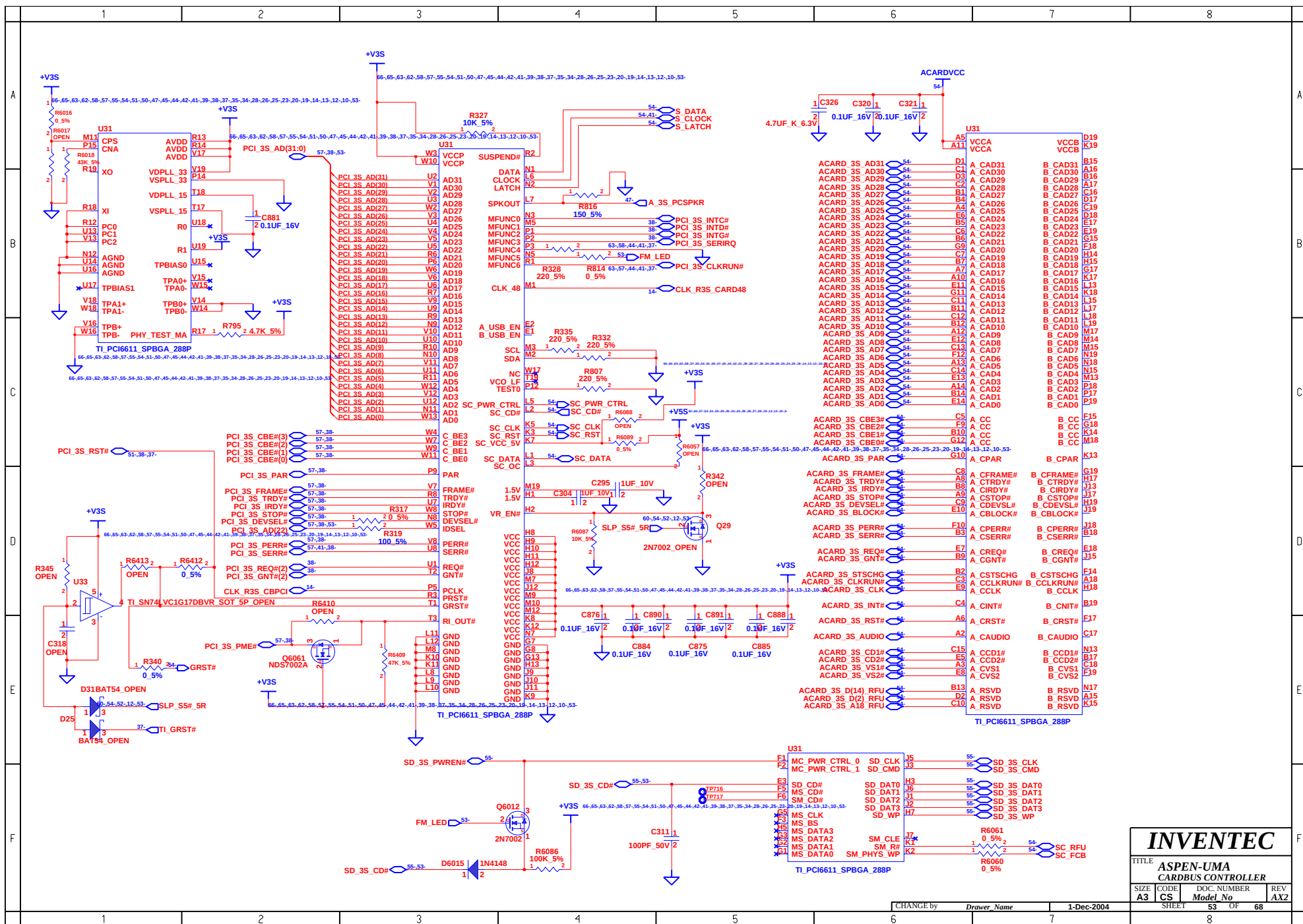
INVENTEC

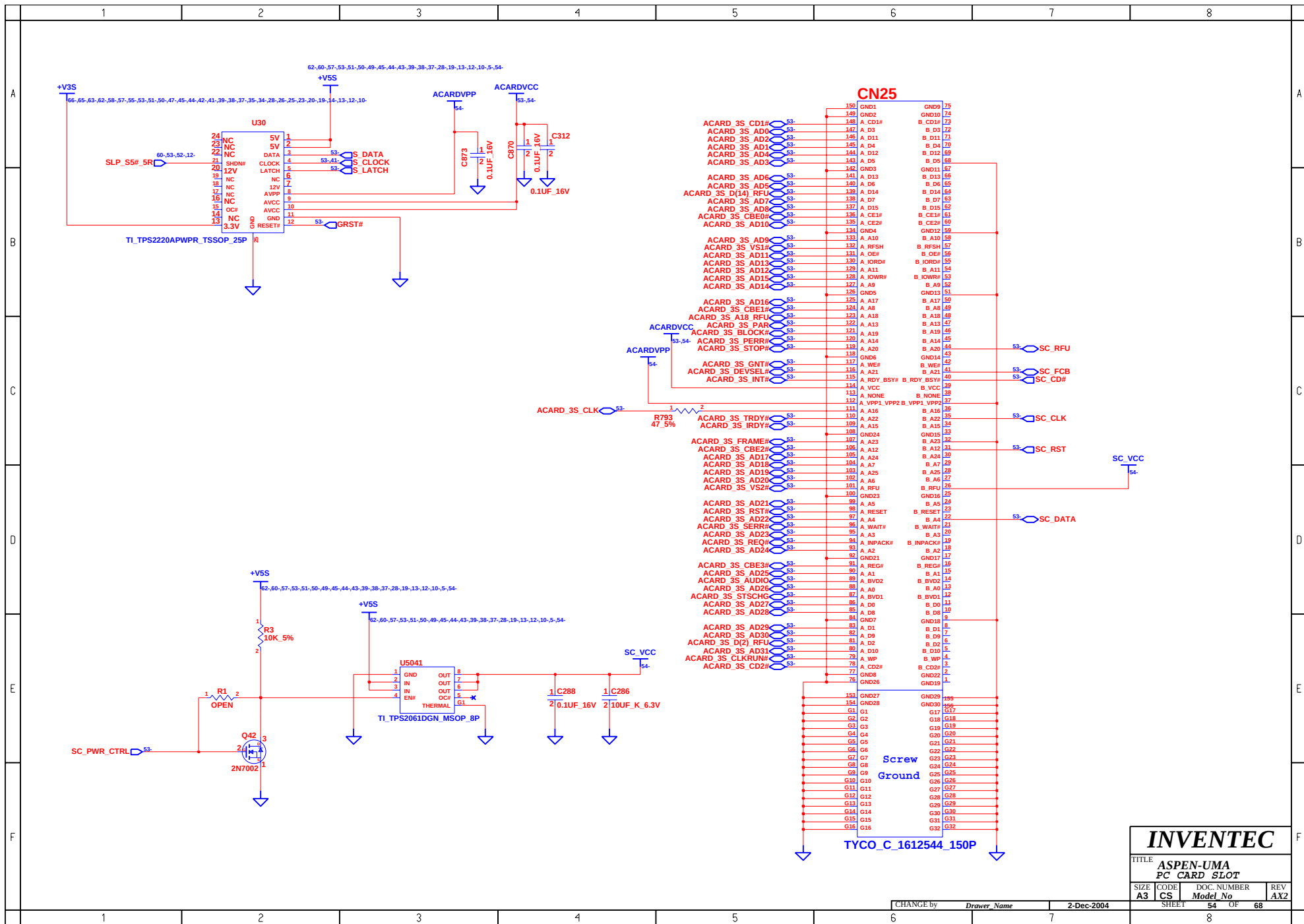
TITLE ASPEN-UMA SATA_HDD CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX2

CHANGE by *Drawn Name* 1-Dec-2004

SHEET 50 OF 68







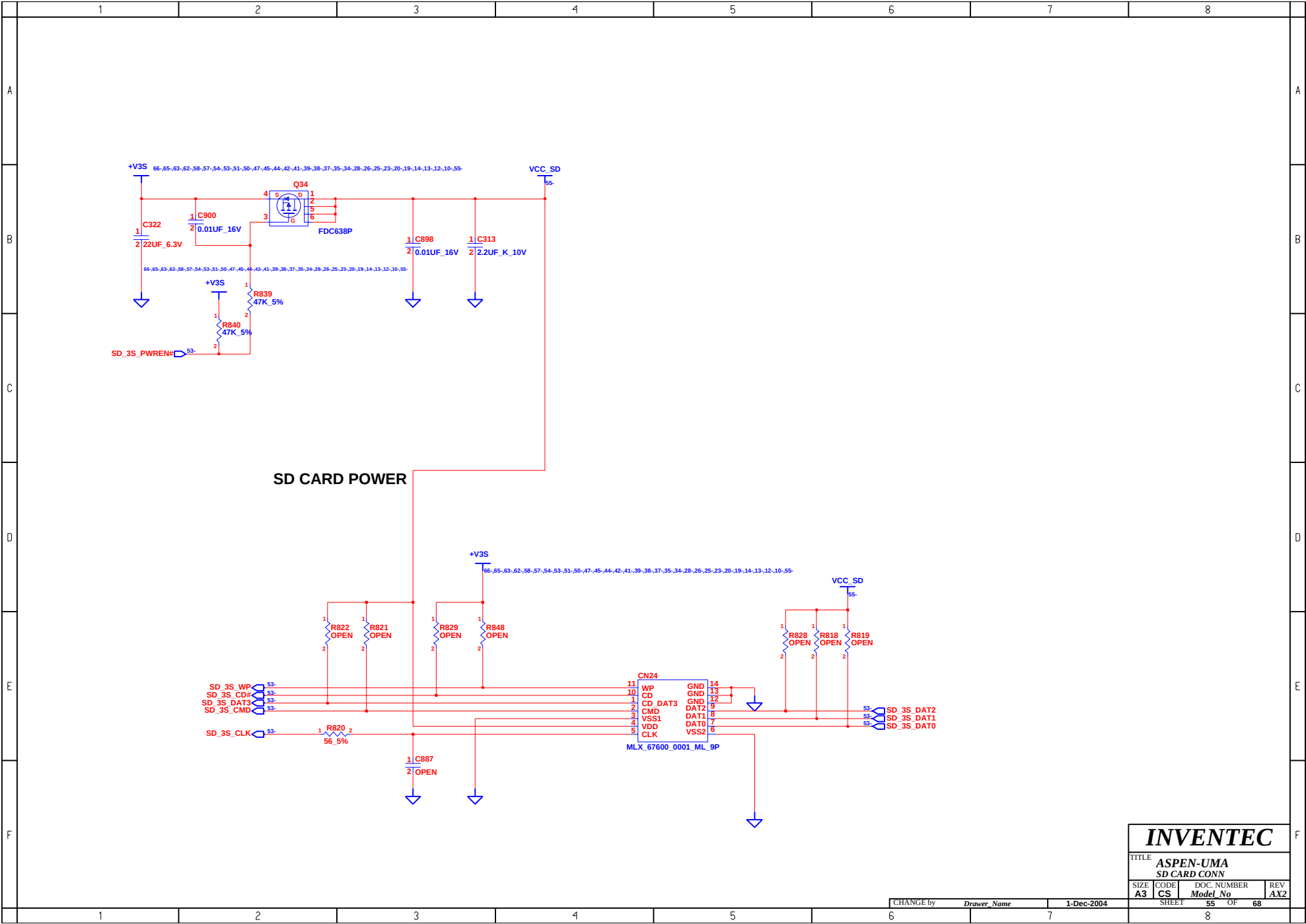
INVENTEC

TITLE
**ASPEN-UMA
PC CARD SLOT**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX2

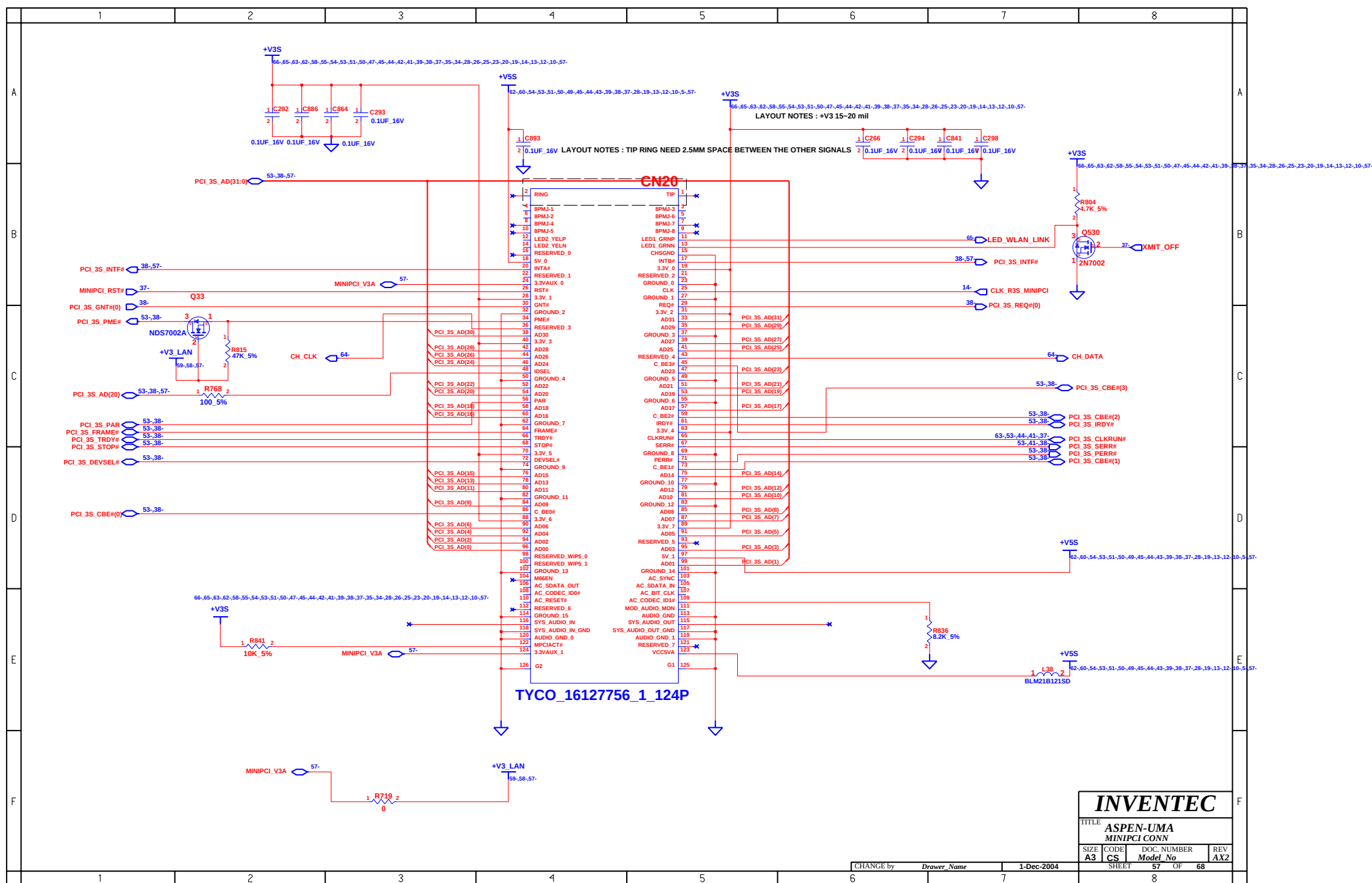
CHANGE by *Drawer Name* 2-Dec-2004

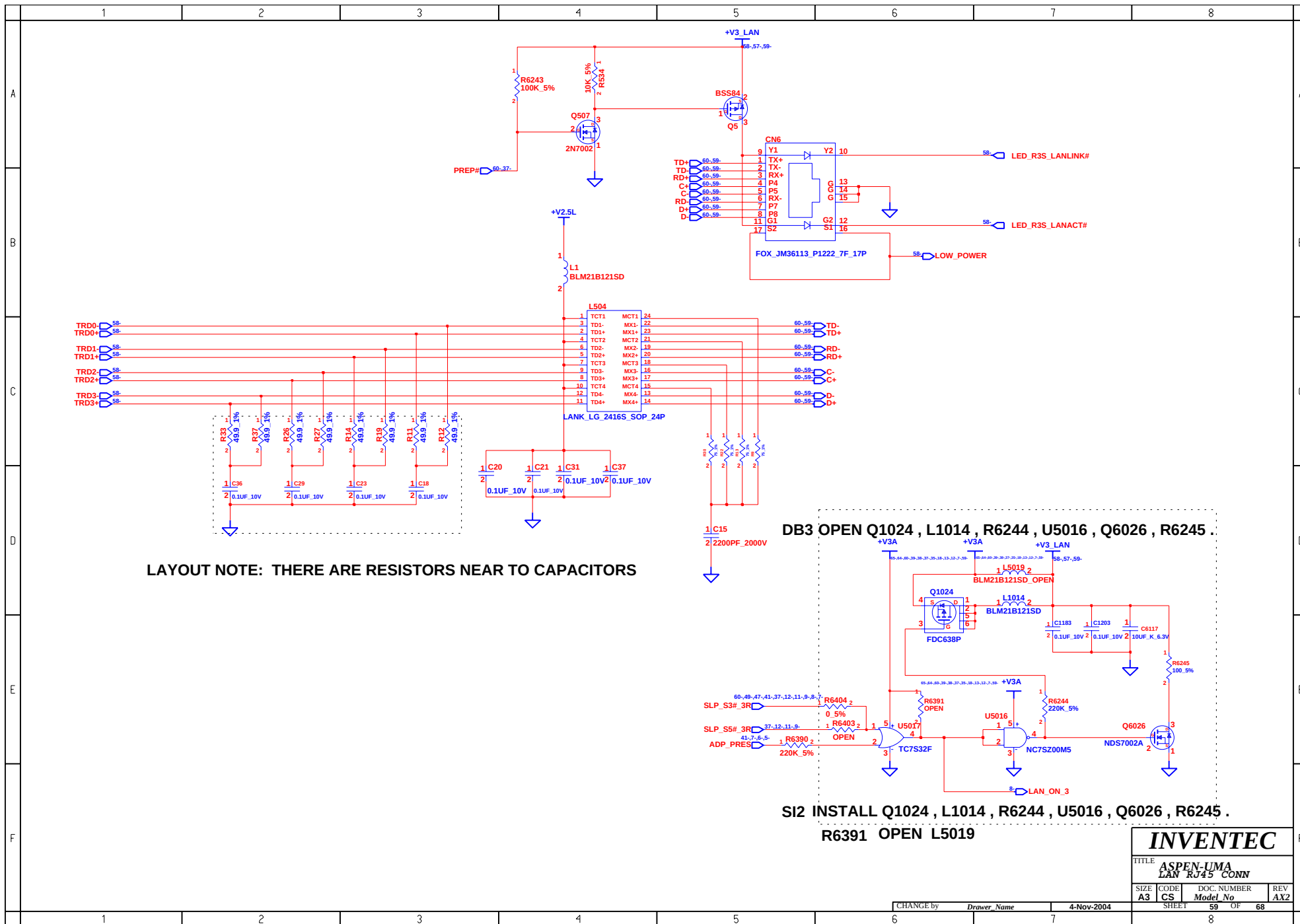
SHEET 54 OF 68

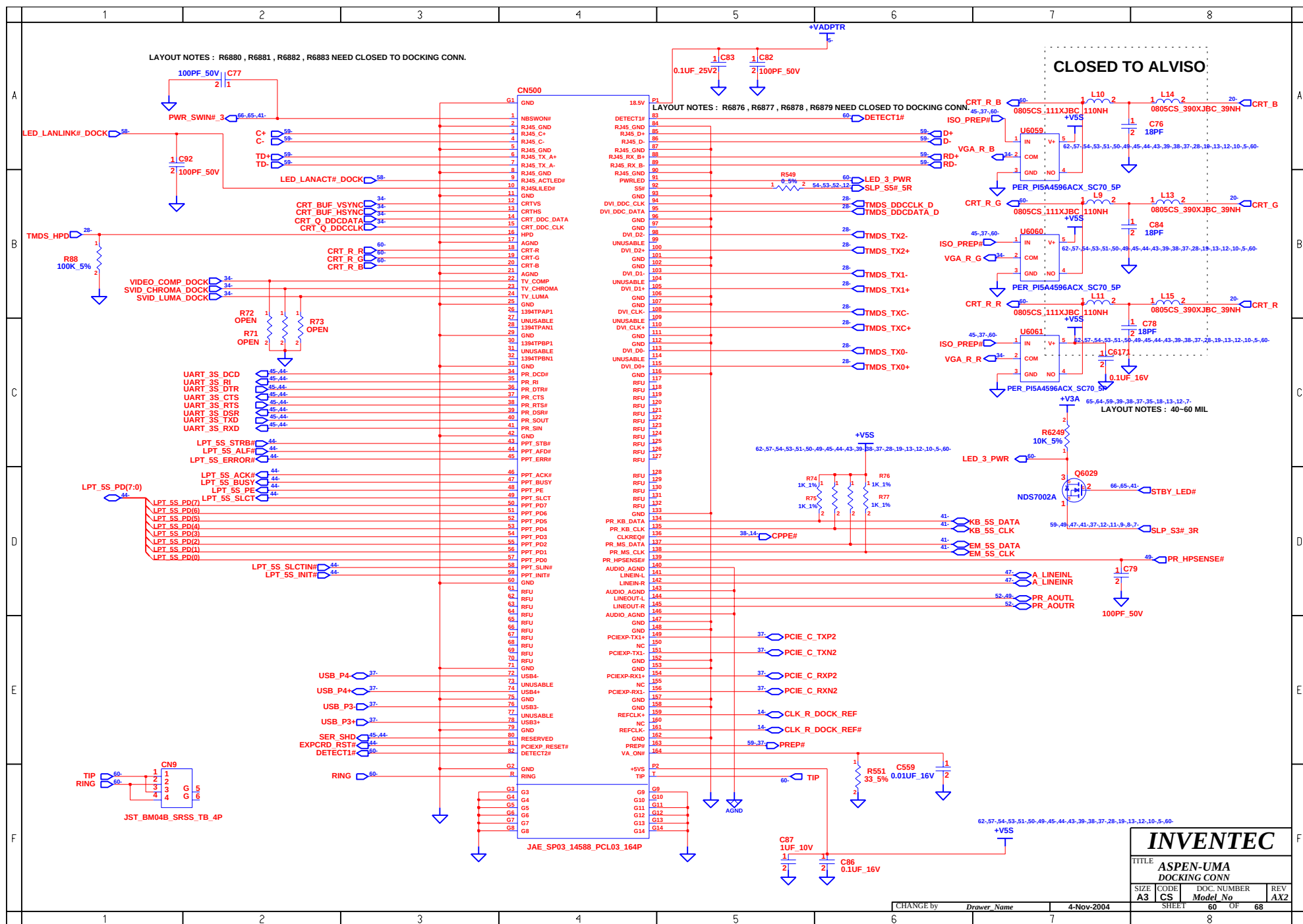


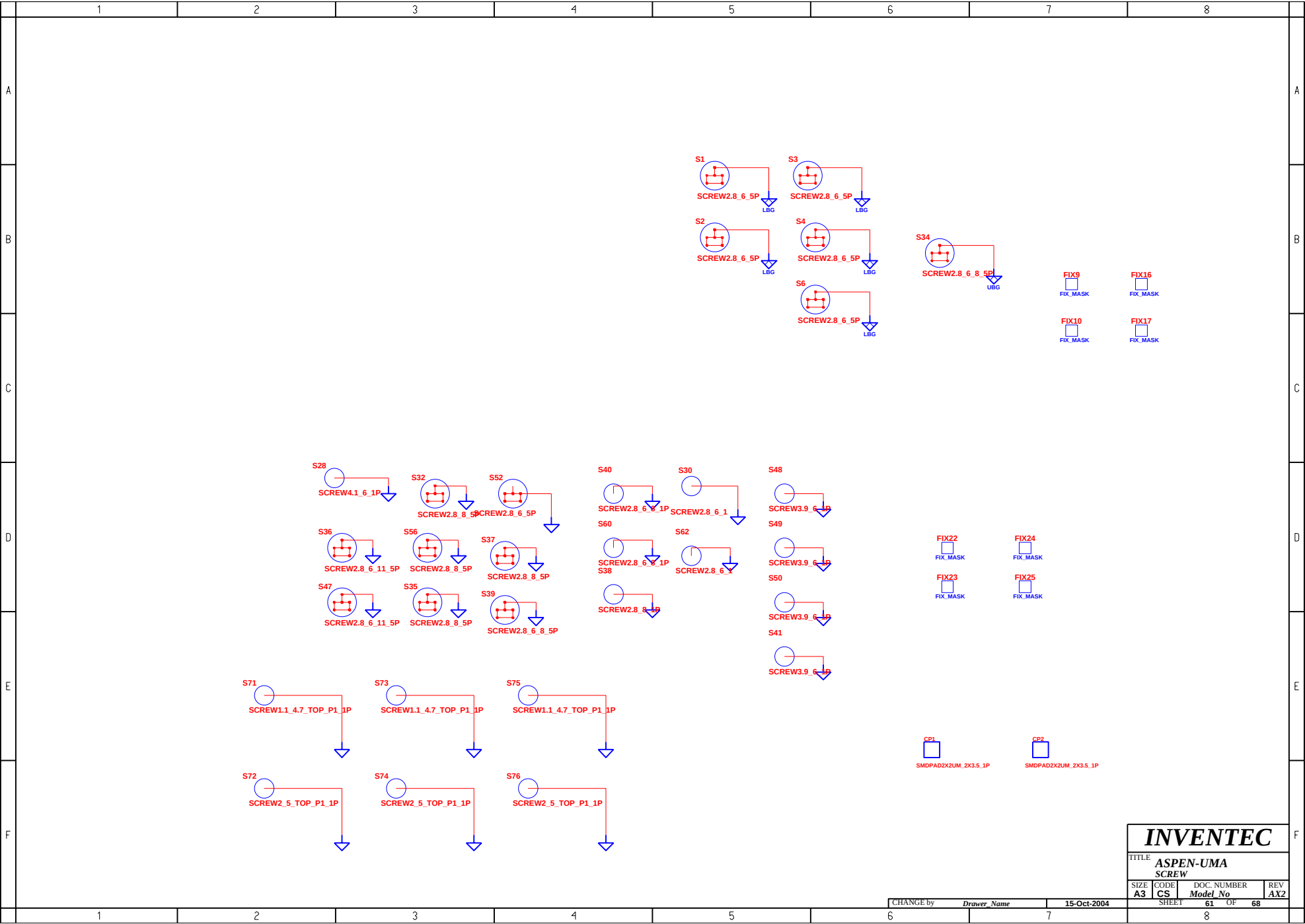
	1	2	3	4	5	6	7	8	
A	BLANK								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE ASPEN-UMA DAUGHTER BOARD CNN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX2
CHANGE by Drafter Name		30-Aug-2004	SHEET 56 OF 68







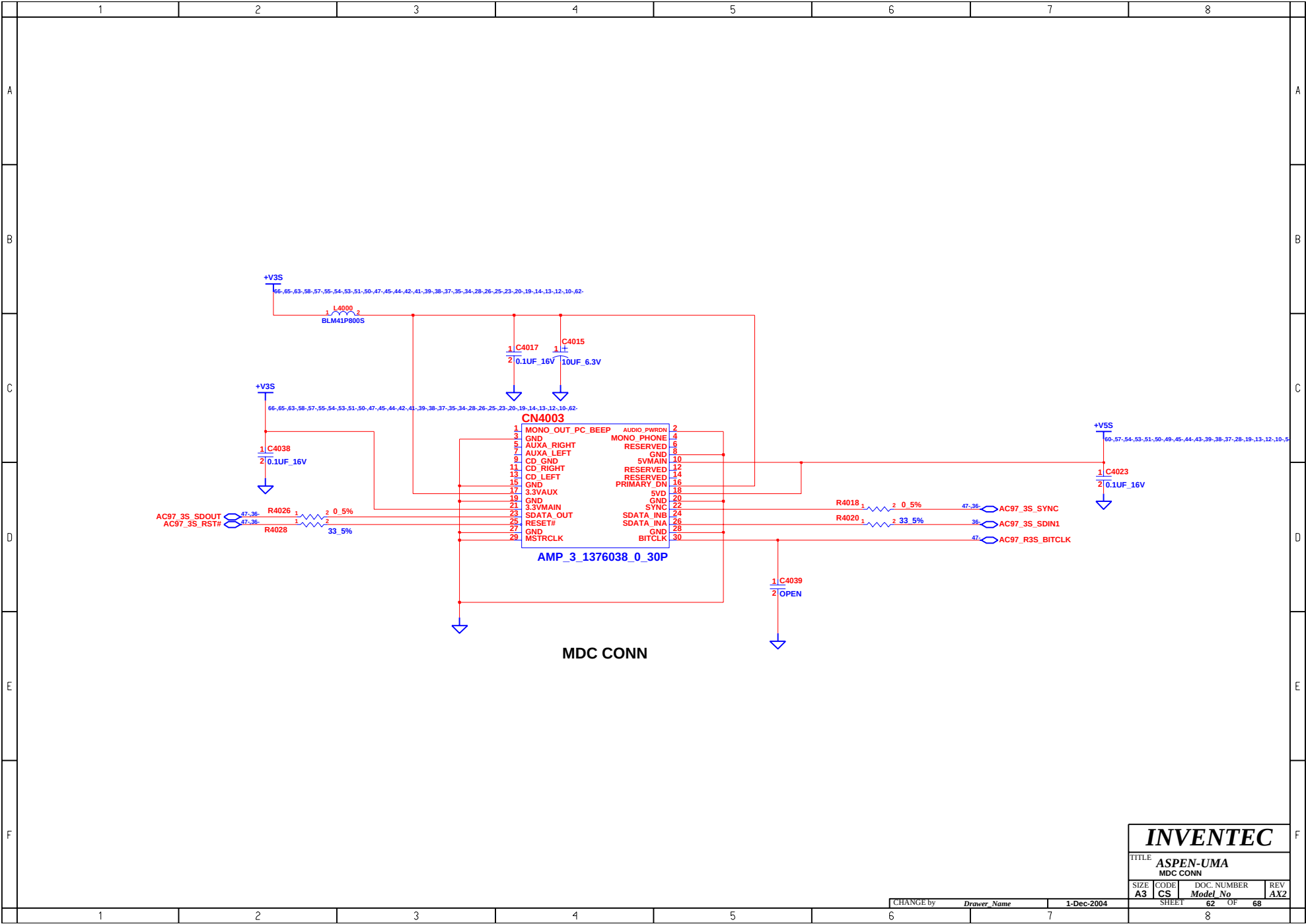


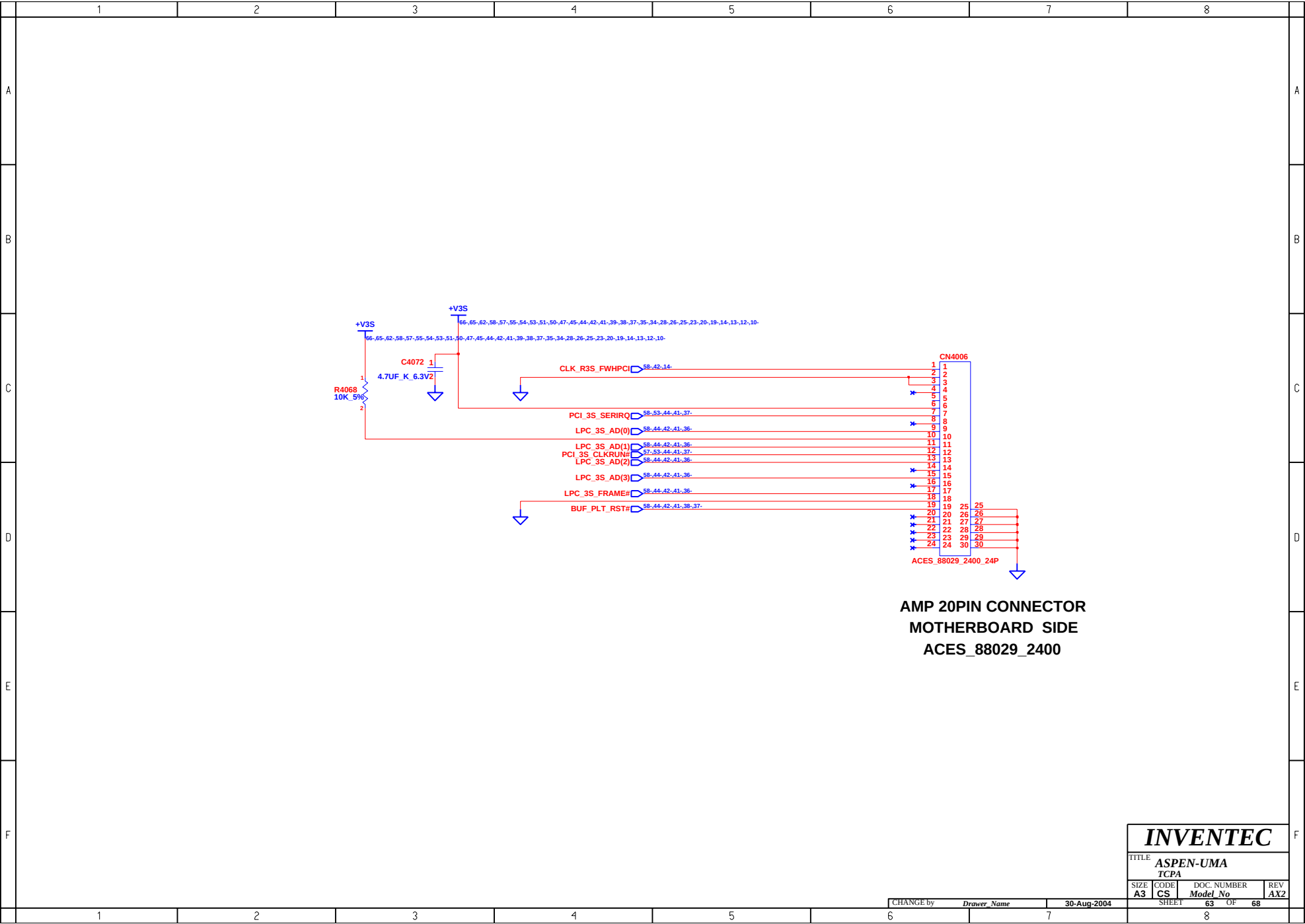
INVENTEC

TITLE			
ASPEN-UMA			
SCREW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX2

CHANGE by *Drawer Name* 15-Oct-2004

SHEET 61 OF 68





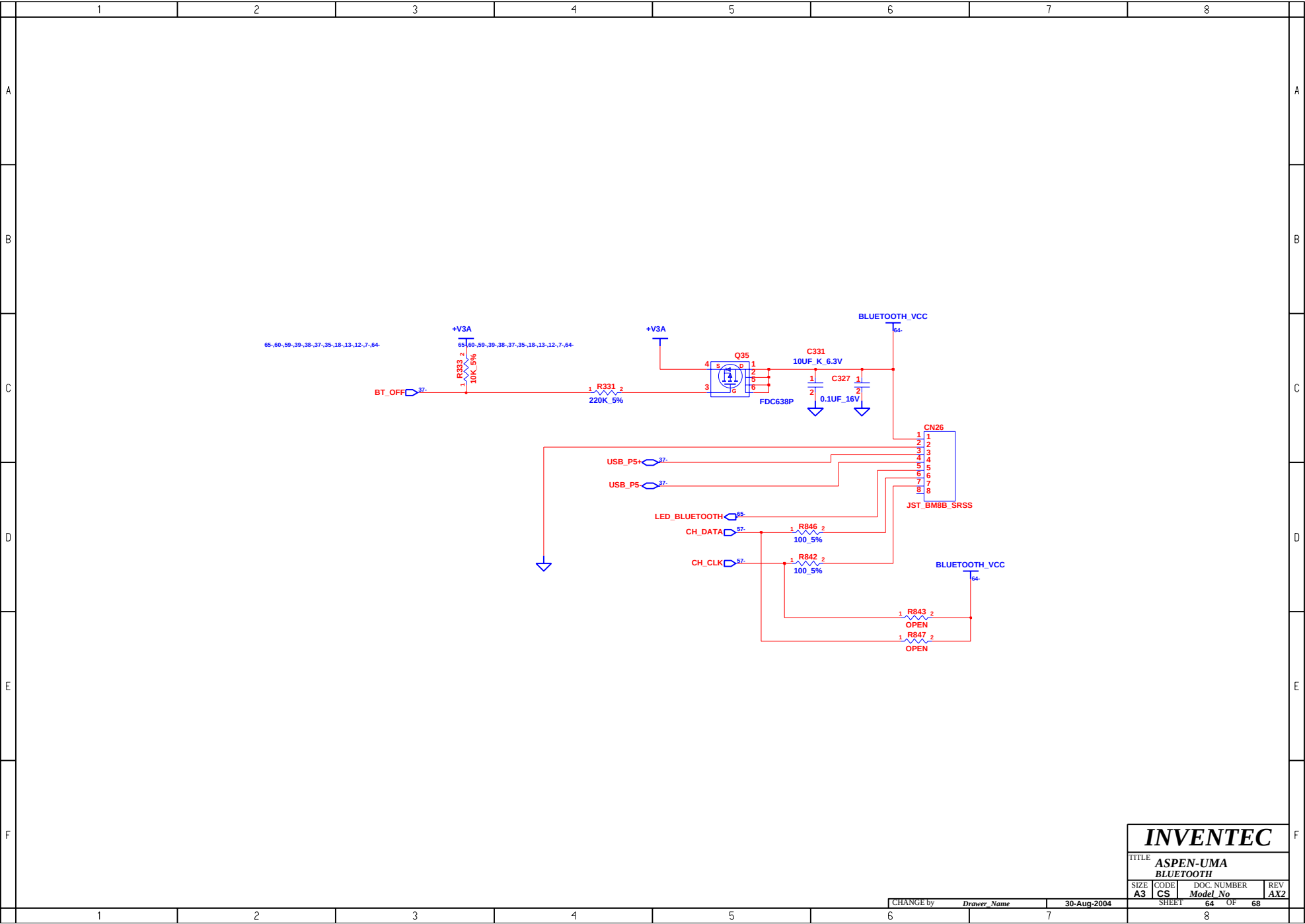
INVENTEC

TITLE
ASPEN-UMA
TCPA

SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX2
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SHEET 63 OF 68

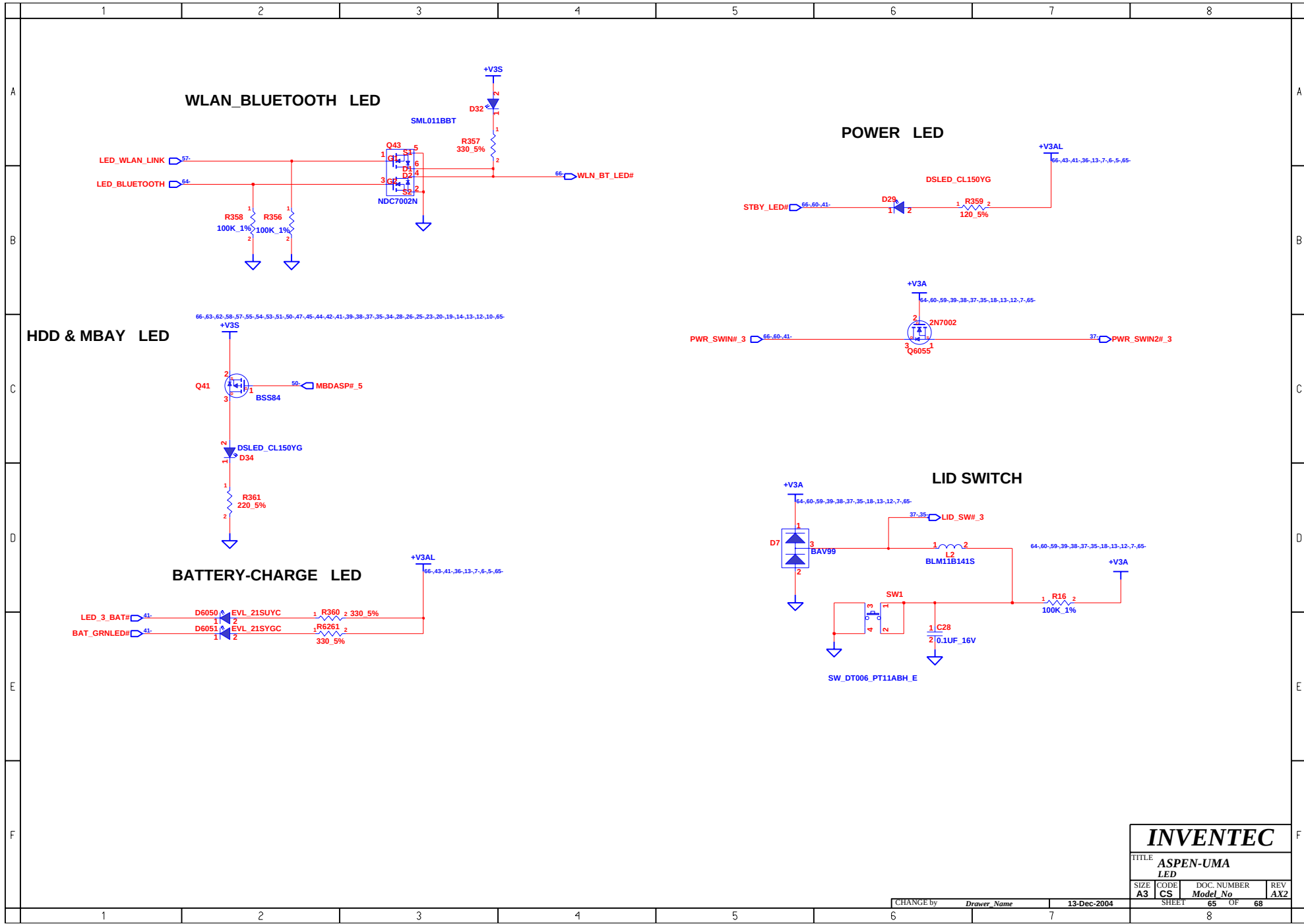
CHANGE by *Drawer Name* 30-Aug-2004



INVENTEC

TITLE			
ASPEN-UMA			
BLUETOOTH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX2

CHANGE by	Drawn Name	30-Aug-2004	SHEET	64	OF	68
1	2	3	4	5	6	7



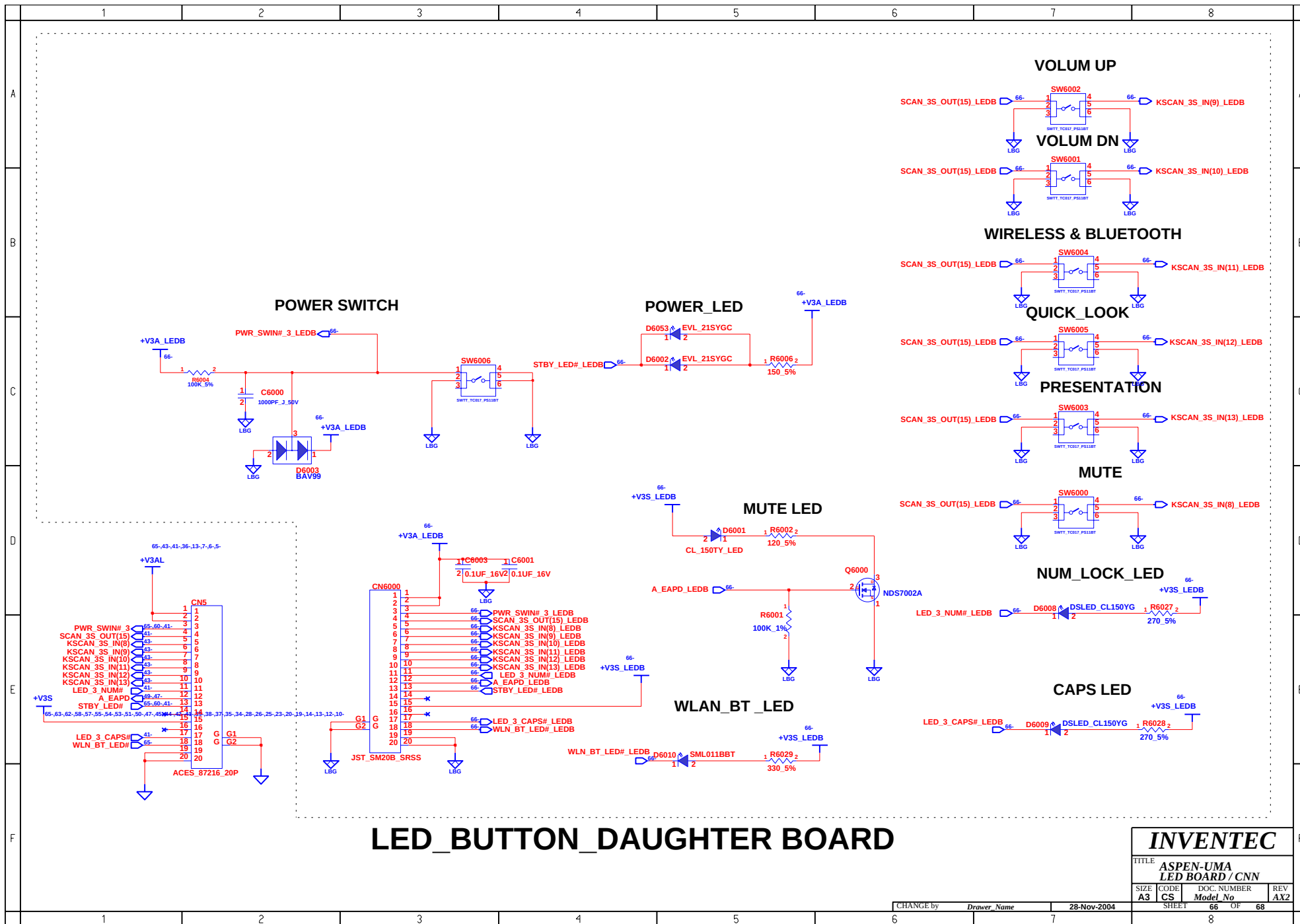
INVENTEC

TITLE
**ASPEN-UMA
LED**

SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX2
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SHEET 65 OF 68

CHANGE by *Drawn Name* 13-Dec-2004



IEC / HP Aspen_UMA MV Schematic Changes								December 10, 2004
HP Confidential Information						Open Items		
Item #	Project	Component / Subsection	PG. #	Description of Requested Change	Date Open+F7 / Closed	Requested By / Owner	Status / Aspen	Aspen FBK/Date
1	UMA	V2.5L	8	Improve the RGB signal waveform on CRT monitor R6247 from 909k change to 1M_1% 60130B10049T	2004/11/17	IEC	Open	sch1117 done
2	UMA	ALVISO	23	Improve the S-Video & RGB signal waveform for S-Video & RGB monitor. 1.L5014 pin 1 C6059 change to 47UF capacitor (OXi cap). 2.L5015 pin 1 C6063 change to 47UF capacitor (OXi cap.) 3.C216 change to 47UF capacitor (OXi cap.) 4.Remove C6068.	2004/11/29	IEC	Open	sch1129 done
3	UMA	Power	11	Change U6064 +V0.9 limit regulator circuit for DDR2. Remove R640 , C734 , C195 , C735 , C196 , C193 add C6176 1uf , C6172 , C6173 , C6174 , C6175 10uf.	2004/11/29	HP	Open	sch1129 done
4	UMA	LED	66	1.Add LED D6053 EVL_21SYGC for machine ID recommend. 2.Change D6002 to EVL_21SYGC.	2004/11/29	HP	Open	sch1129 done
5	UMA	Switch Board	66	Change switch Board trace from Top side & Bottom side to internal layer a surface used GND to Cover it this change for safty ESD recommend.	2004/11/29	IEC	Open	sch1129 done
6	UMA	serial Board	45	Change Serial Board trace from Top side & Bottom side to internal layer a surface used GND to cover it this change for Safty ESD recommend.	2004/11/29	IEC	Open	sch1129 done
7	UMA	Power	7	Move D6048 , C6162 , R6283 placement this change for machine recommend.	2004/11/29	IEC	Open	sch1129 done
8	UMA	ICH-6	37	Change C882,C883 from 10pF to 18pF for RTC accuracy	2004/11/29	IEC	Open	sch1129 done
9	UMA	ALVISO ICH-6	23 23 36	For EMI recommend: 1.Add C6188,C6189,C6190 0.01uF_16V connect +V1.5S for EMI improve +V1.5S power plane. 2.Add C6185,C6186,C6187 0.01uF_16V connect +V1.8 for EMI improve +V1.8 power plane 3.Add C6191 0.01uF_16V connect CN7 RTCBAT to improve EMI noise.	2004/12/2	IEC	Open	sch1202 done
10	UMA	Power	11	Add two power via 30_16 on +V0.9S power rail.	2004/12/3	IEC	open	sch1203 done
11	UMA	Power	13	Aspen UMA uses a 2.5V rail,R6150 should be changed to 107K_1%, and R6152 should be changed to 57.6K_1%.	2004/12/10	HP	open	sch1210 done