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DATE	CHANGE NO.	REV																																																																																								
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SHEET 1		OF 69																																																																																								
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CLASH DISCRETE

MV BUILD

2010.12.20

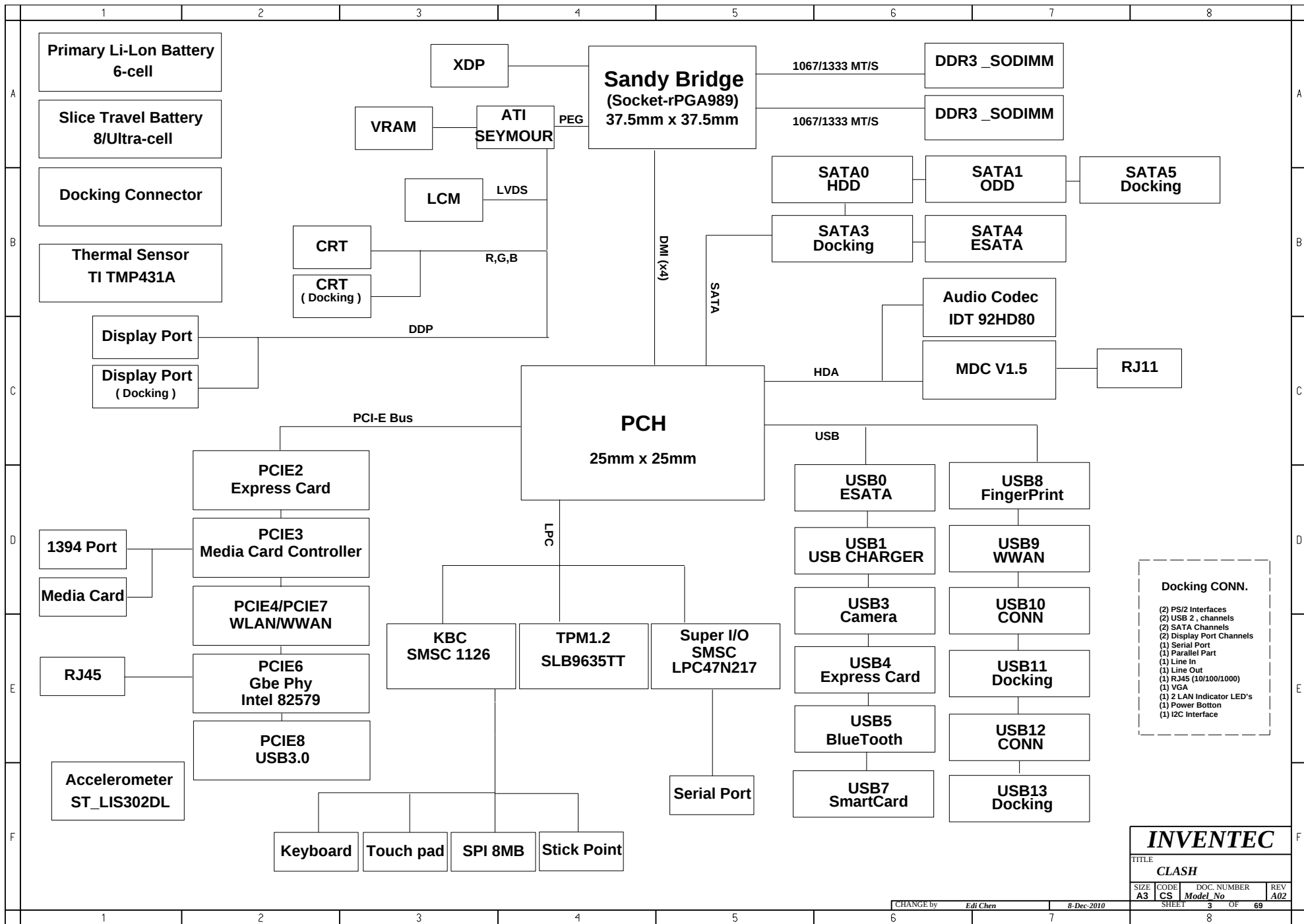
TABLE OF CONTENTS

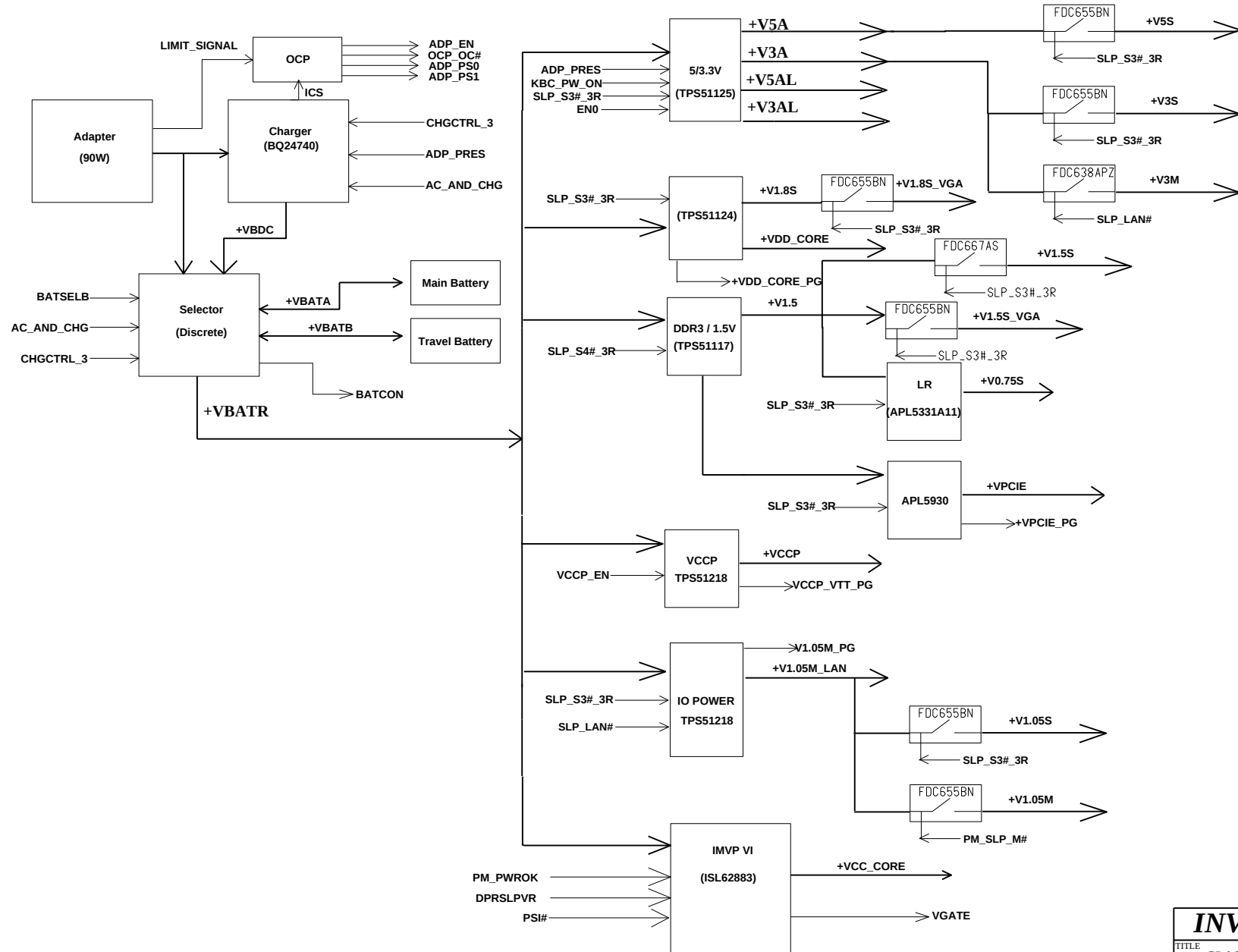
5- DC& BATTERY CHARGER	32- PCH1	61- SMART CARD
6- SELECT & BATTERY CONN	33- PCH2	62- EXPRESS CARD
7- SYSTEM POWER(+V3A/+V5A)	34- PCH3	63- EXPRESS CARD
8- SYSTEM POWER(+V1.5/+V0.75/M_REF)	35- PCH4	64- AUDIO
9- G_POWER(+VDD_CORE/+V1.8S/TURBO)	36- PCH5	65- EXT MIC/MIC/HP
10- SYSTEM POWER(+VCCP/+V1.05M_LAN)	37- PCH6	66- 1394 & SD CONN
11- CPU POWER(+V0.85S/+V1.05_USB30)	38- PCH7-POWER	67- CARD READER CTRL
12- CPU POWER(+VCC_CORE)	39- PCH8-POWER	68- LID SWITCH
13- CPU POWER(+VCC_CORE)	40- PCH9	69- STITCHING CAP
14- POWER(SLEEP)	41- VGA SWITCH	
15- POWER(SEQUENCE)	42- CRT / DISPLAY PORT CNTR	
16- FAN & THERMAL	43- LCM & WEBCAM	
17- XDP CONN	44- SATA HDD & ODD CNTR	
18- SANDY BRIDGE1	45- USB CHARGER & ESATA COMBO	
19- SANDY BRIDGE2	46- USB3.0 CTRL	
20- SANDY BRIDGE4	47- USB CONN	
21- SANDY BRIDGE3	48- BLUE TOOTH & FINGER PRINTER CNTR	
22- SANDY BRIDGE5	49- ACCELEMETOR	
23- SANDY BRIDGE6	50- KBC & SPI	
24- DDR3-DIMM0	51- KB & POINT STICK & TOUCH PAD	
25- DDR3-DIMM1	52- SUPER I/O	
26- ATI-SEYMOUR-1	53- TPM & MDC	
27- ATI-SEYMOUR-2	54- LAN INTERFACE	
28- ATI-SEYMOUR-3	55- LAN RJ45 CNTR	
29- ATI-SEYMOUR-4	56- WWAN & WLAN & SIM	
30- VRAM1	57- DOCKING CNTR	
31- VRAM2	58- POWER & WLAN_LED	
	59- SCREW	
	60- WIRELESS / QUICK WEB / MUTE LED	

INVENTEC

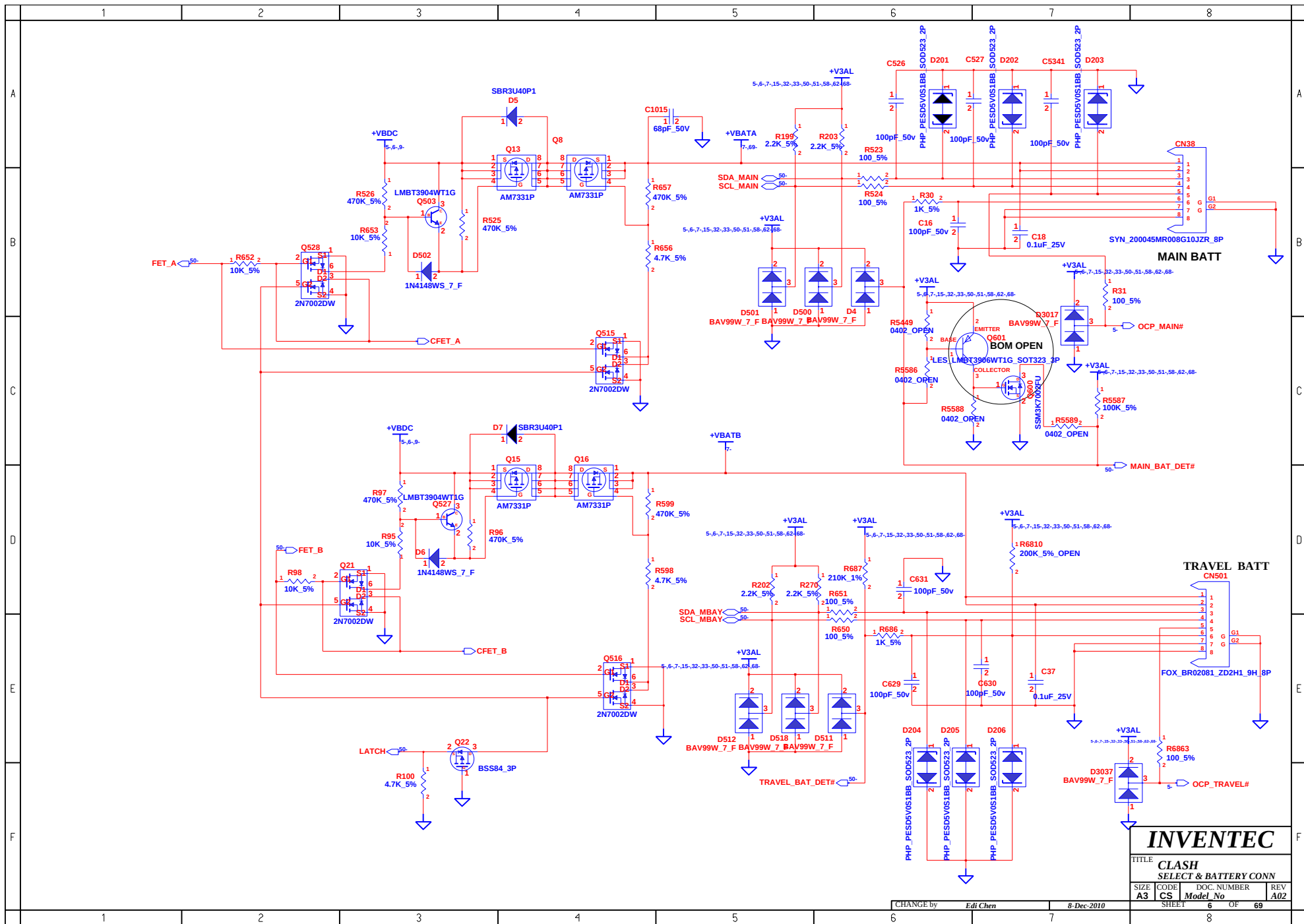
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CLASH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
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CHANGE by *Edi Chen* 8-Dec-2010

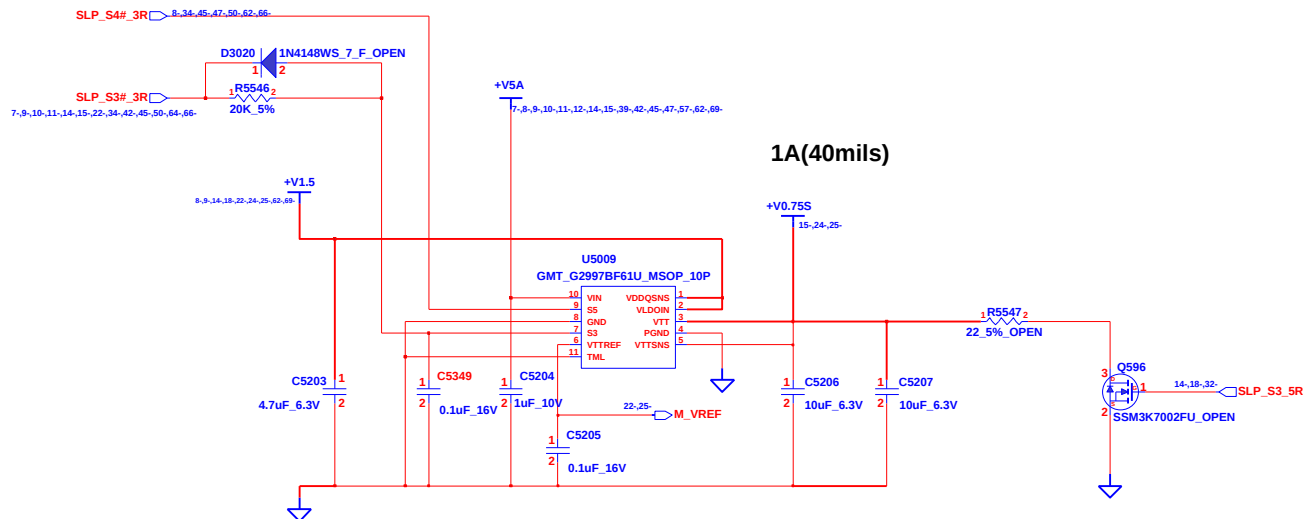
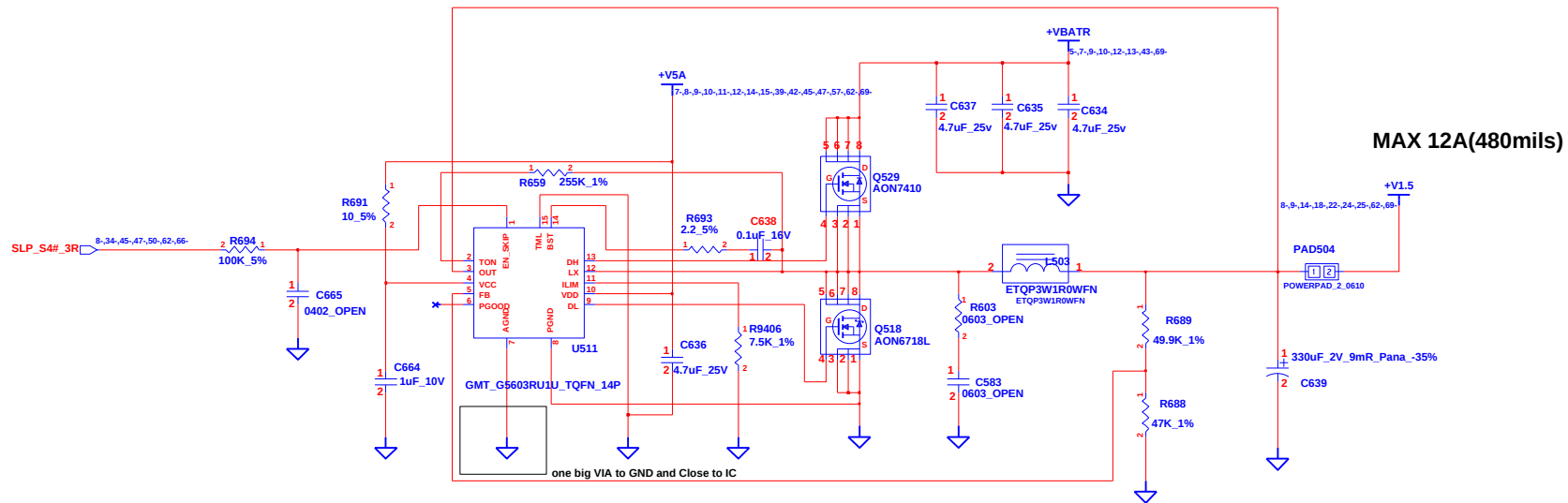




INVENTEC			
TITLE			
CLASH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Edi Chen	8-Dec-2010
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INVENTEC			
TITLE CLASH SELECT & BATTERY CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by Edi Chen		8-Dec-2010	
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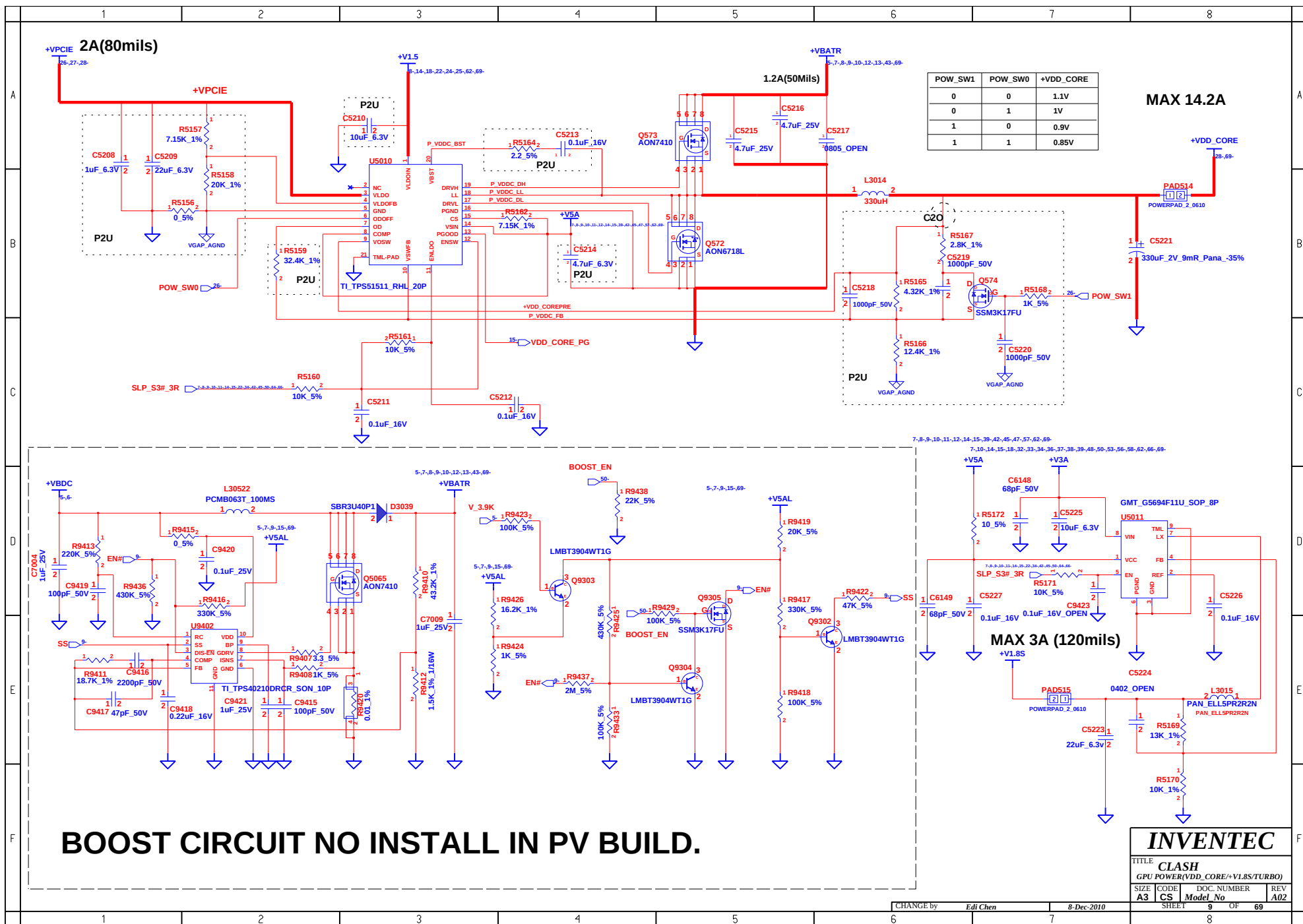


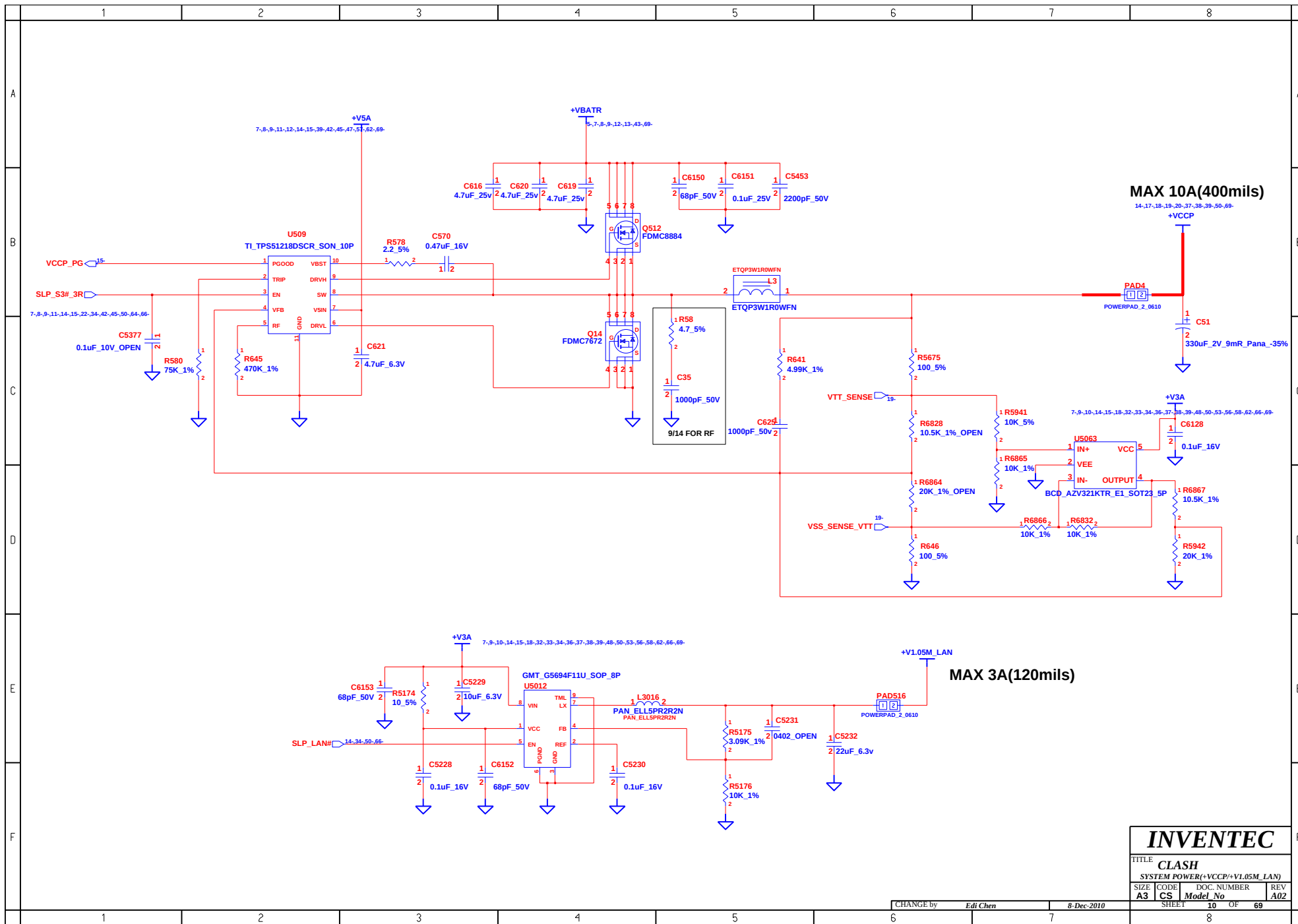
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TITLE			
CLASH			
SYSTEM POWER(+V1.5/MREF)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by *Edi Chen* 8-Dec-2010

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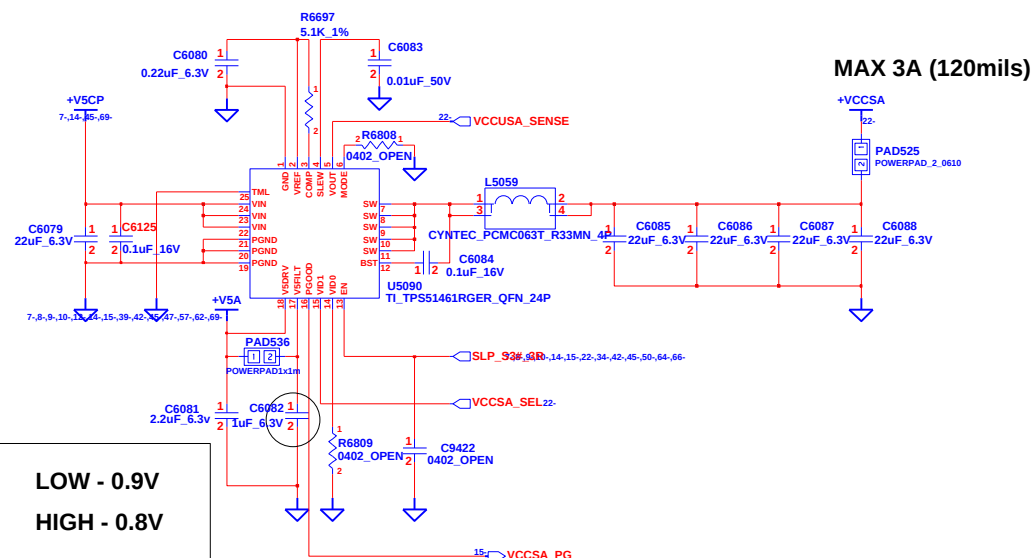
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A3	CS	Model No	A02

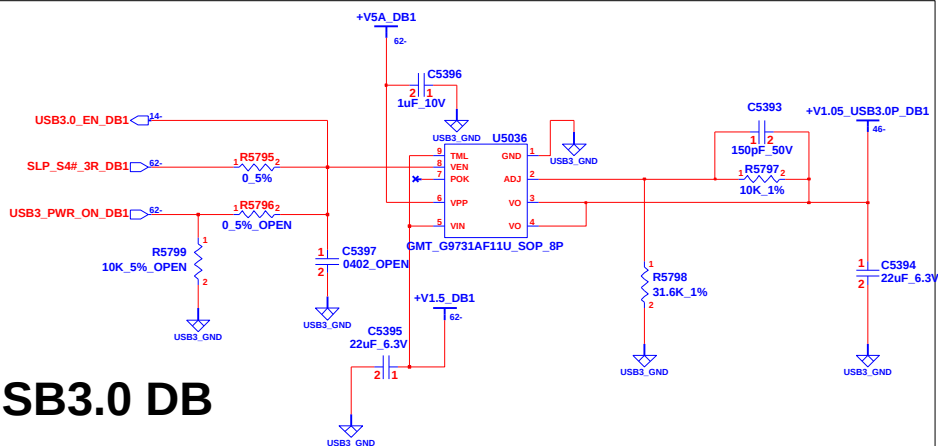
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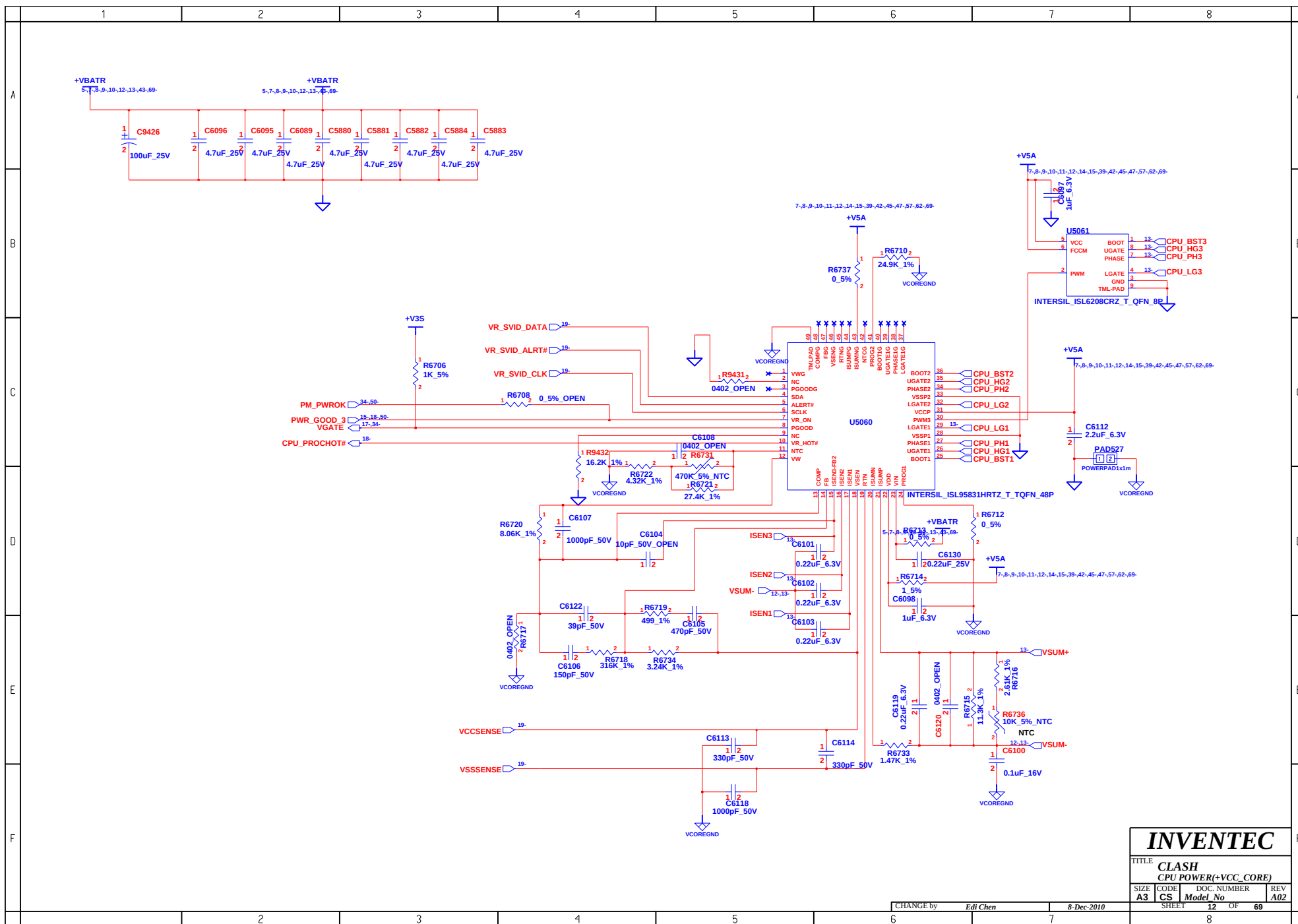
www.vinafix.vn

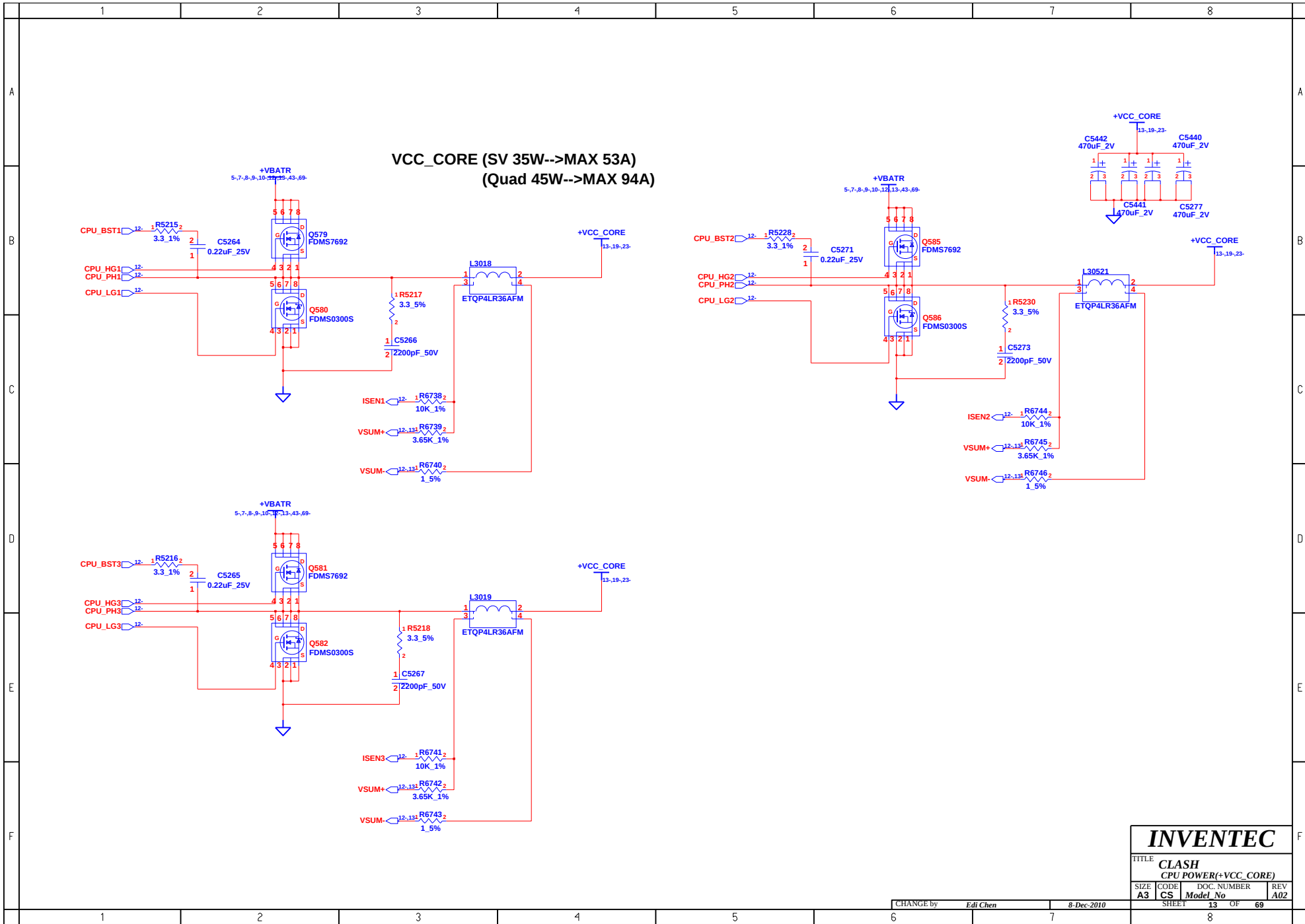


USB3.0 DB



INVENTEC			
TITLE			
CLASH			
CPU POWER(VCC_SA/V1.05_USB30)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Edi Chen	8-Dec-2010
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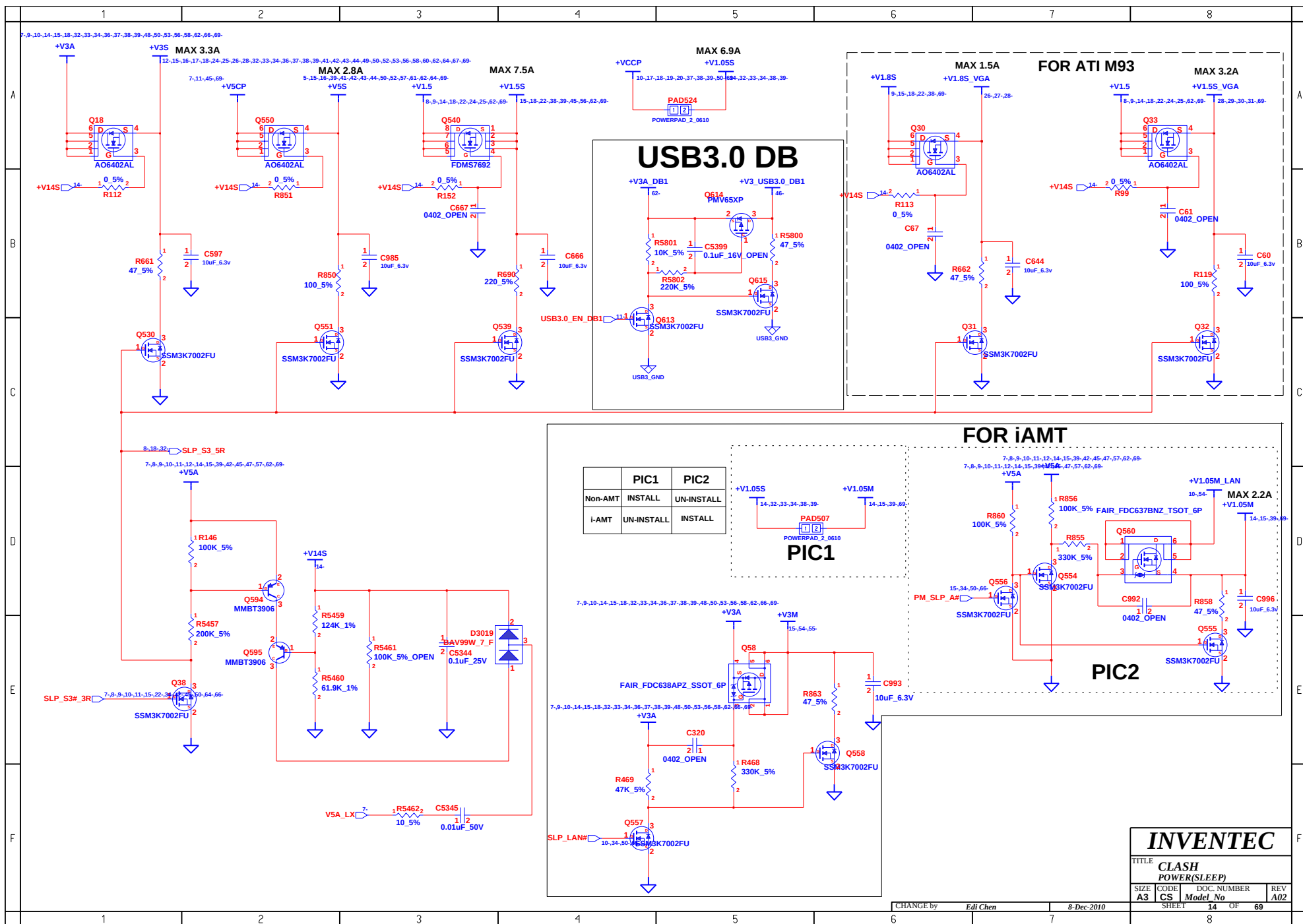


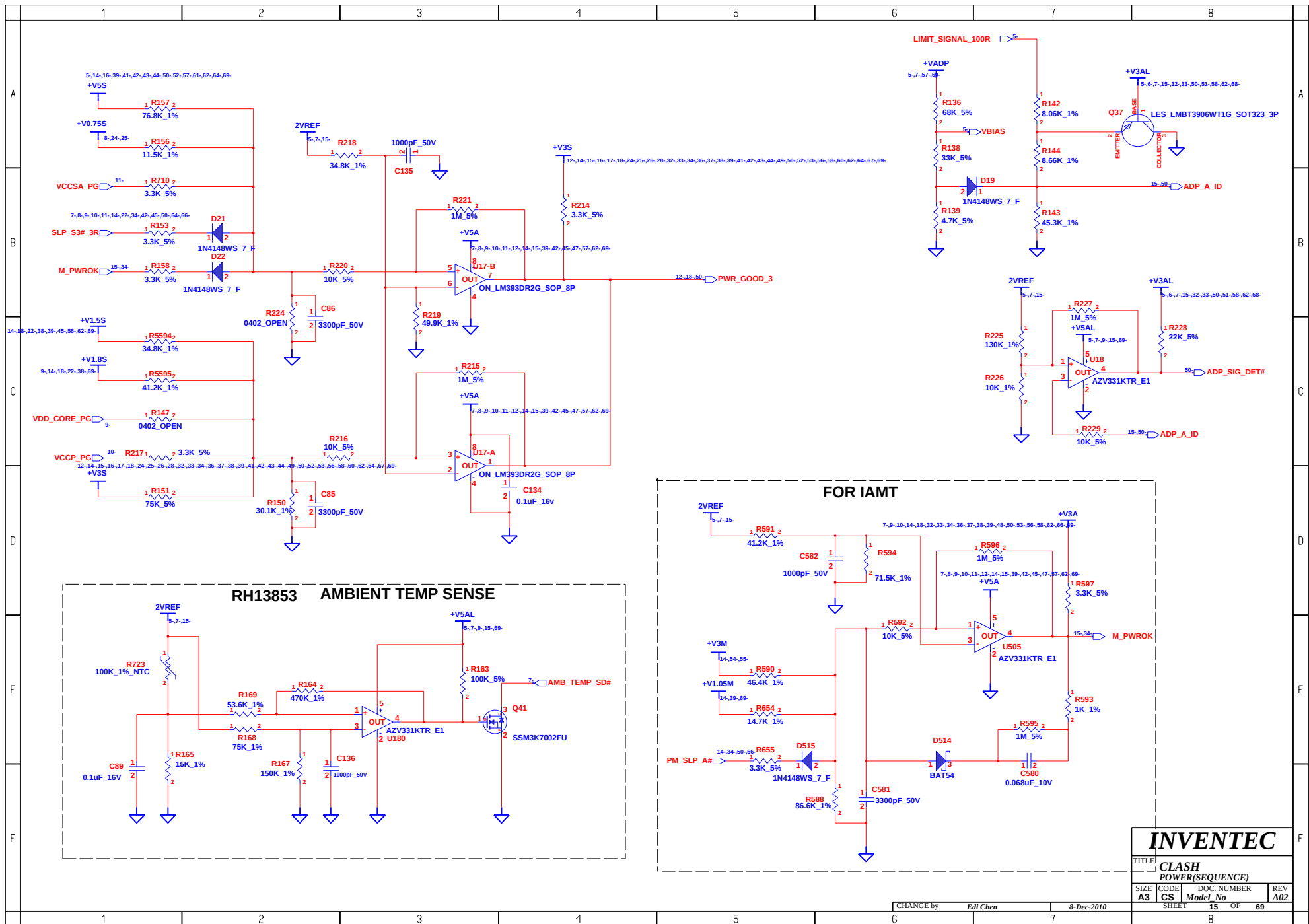


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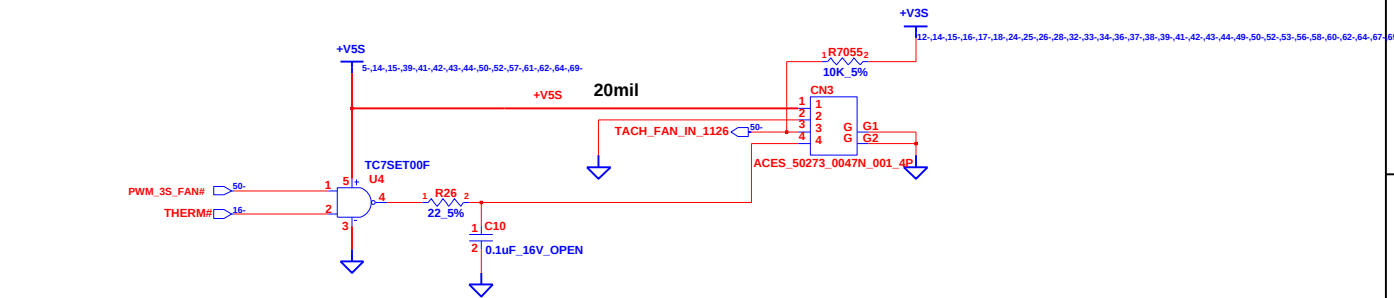
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CLASH			
CPU POWER(+VCC_CORE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		13	OF 69

CHANGE by *Edi Chen* 8-Dec-2010

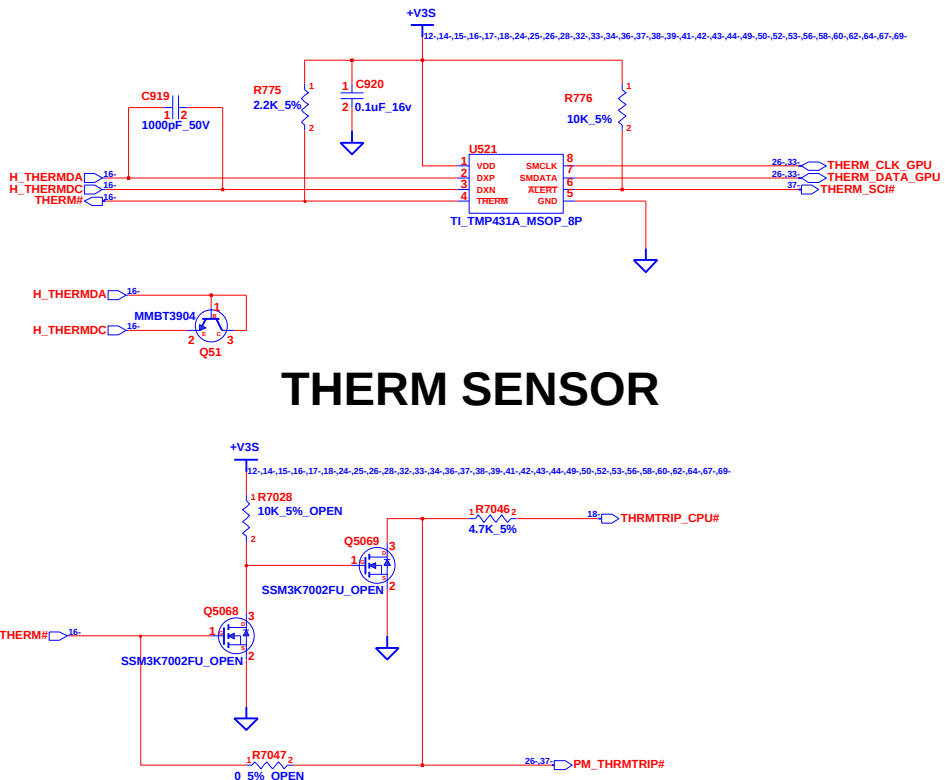




FAN



THERM SENSOR



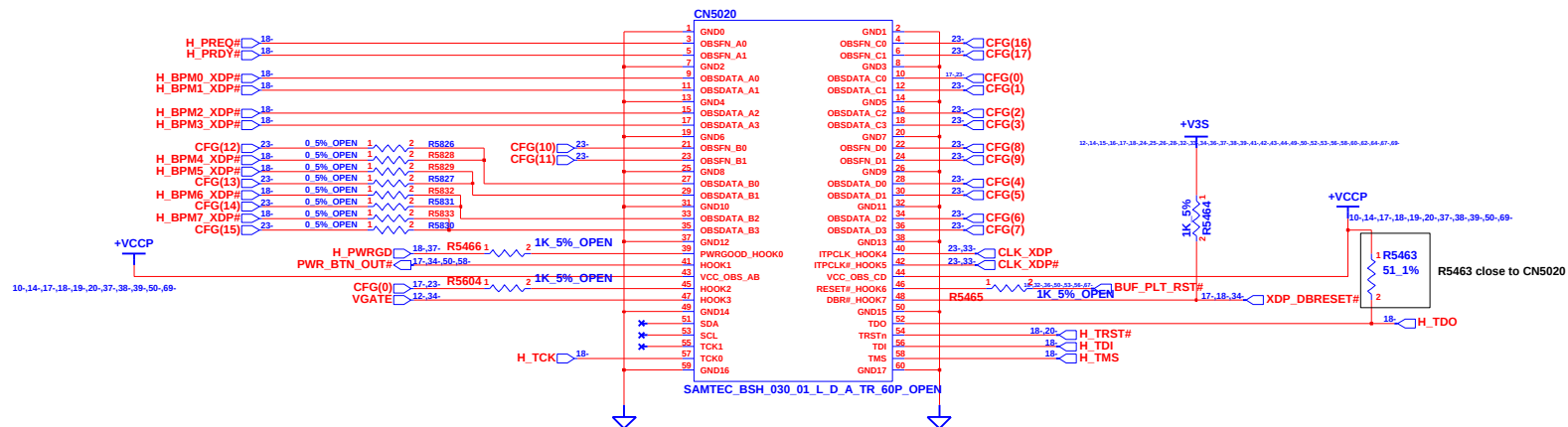
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CLASH			
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A3	CS	Model No	A02

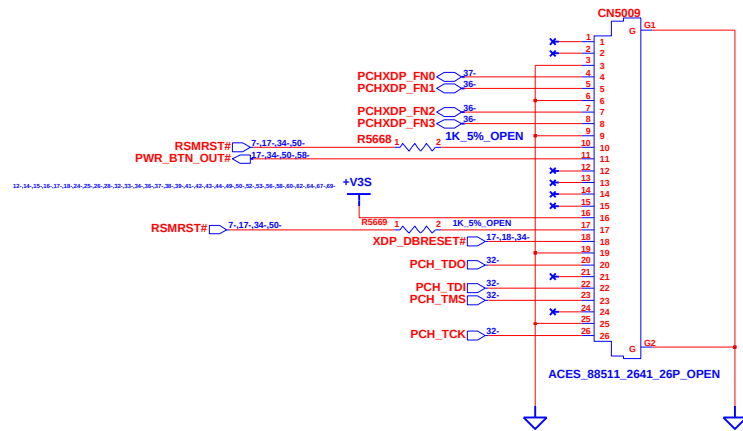
CHANGE by Edt Chen 8-Dec-2010

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1 2 3 4 5 6 7 8



CPU XDP CONNECTOR



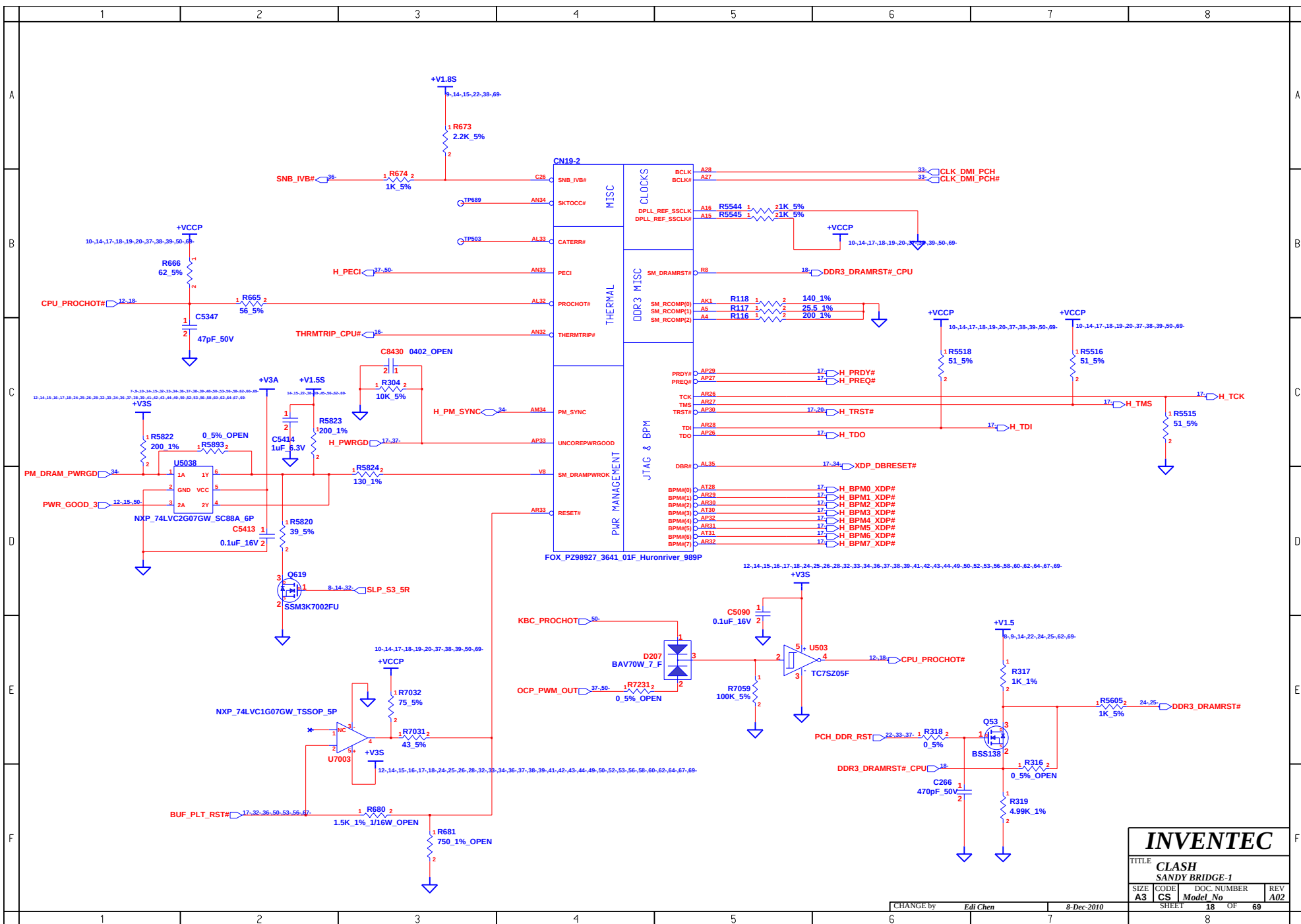
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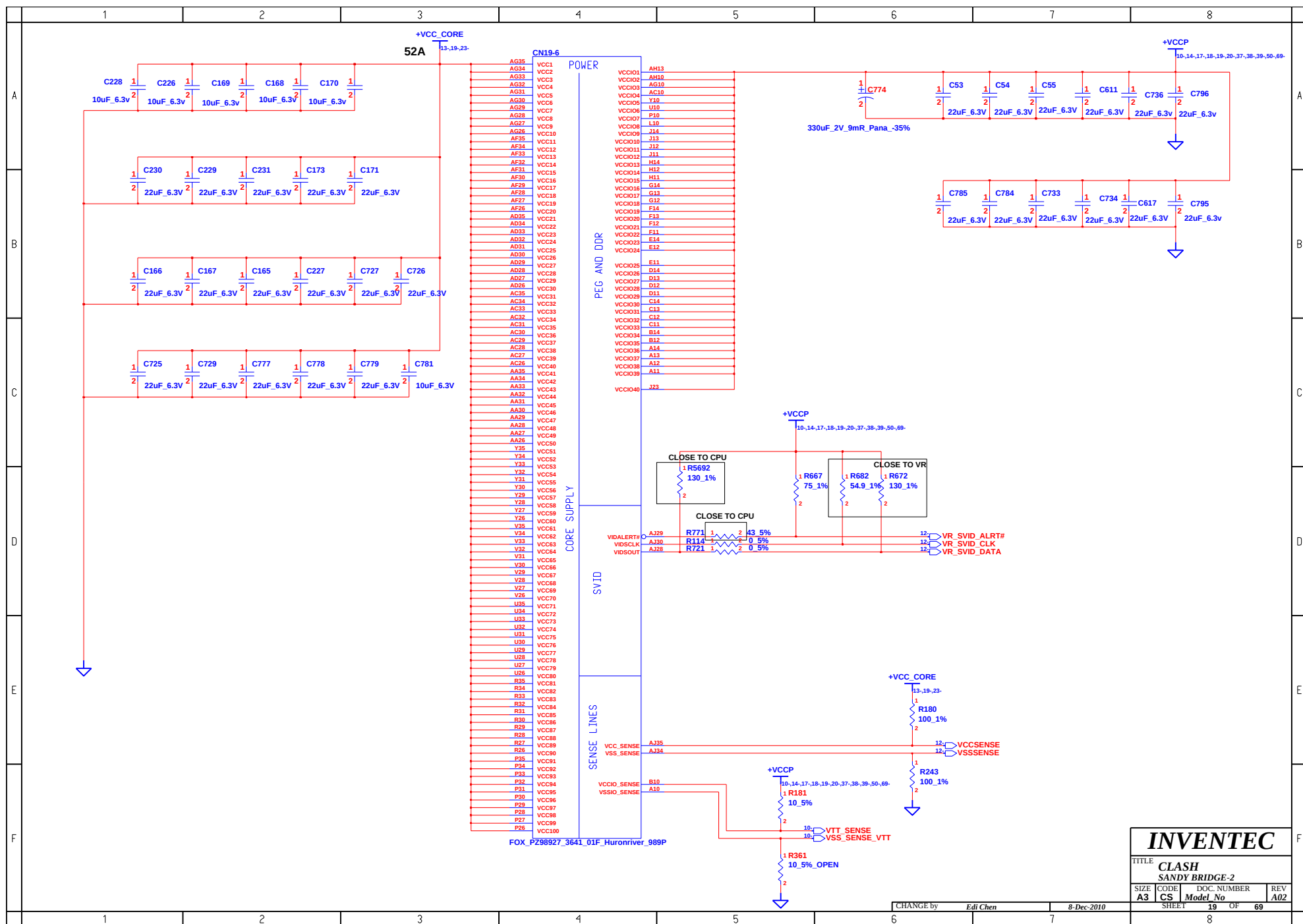
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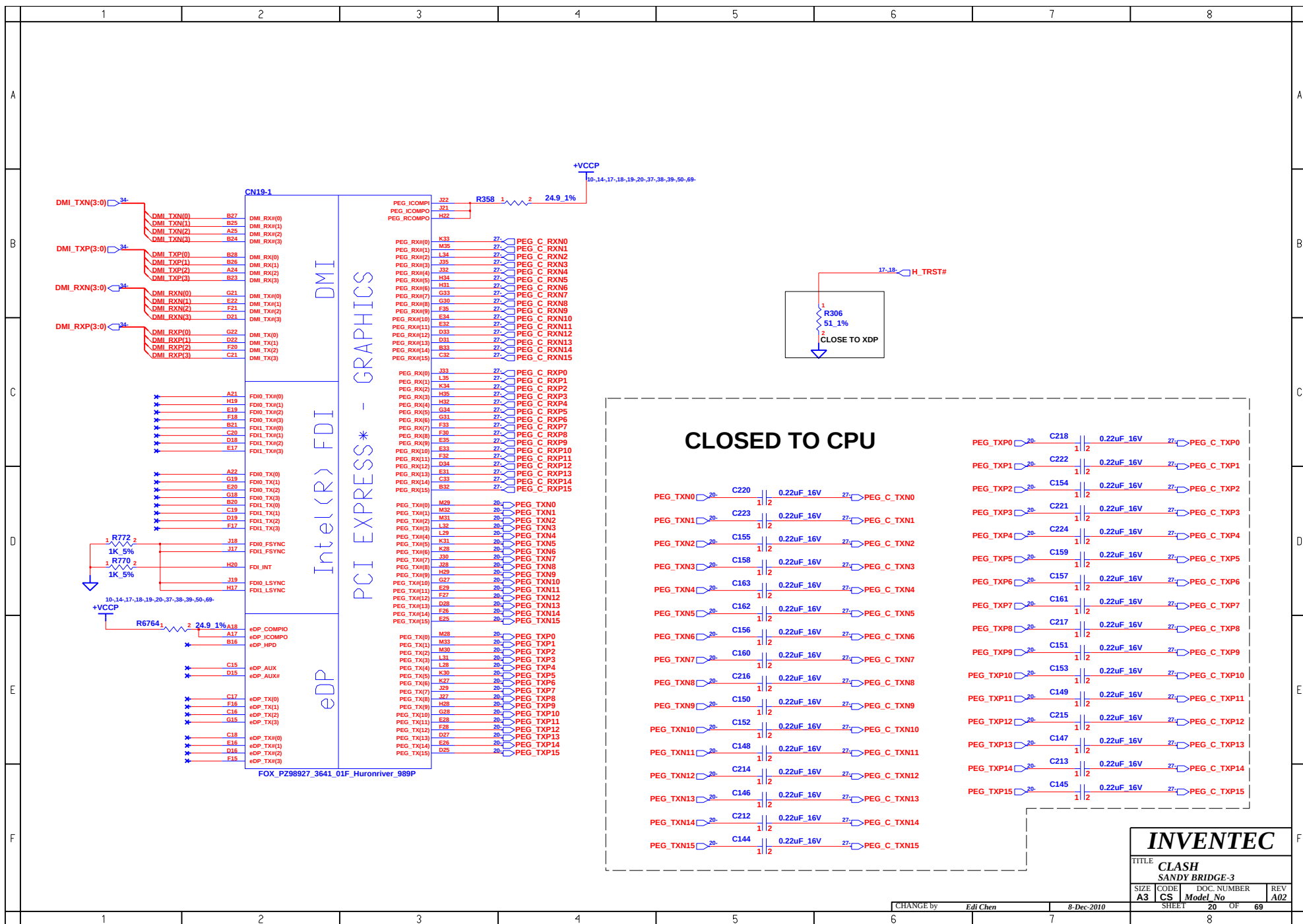
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
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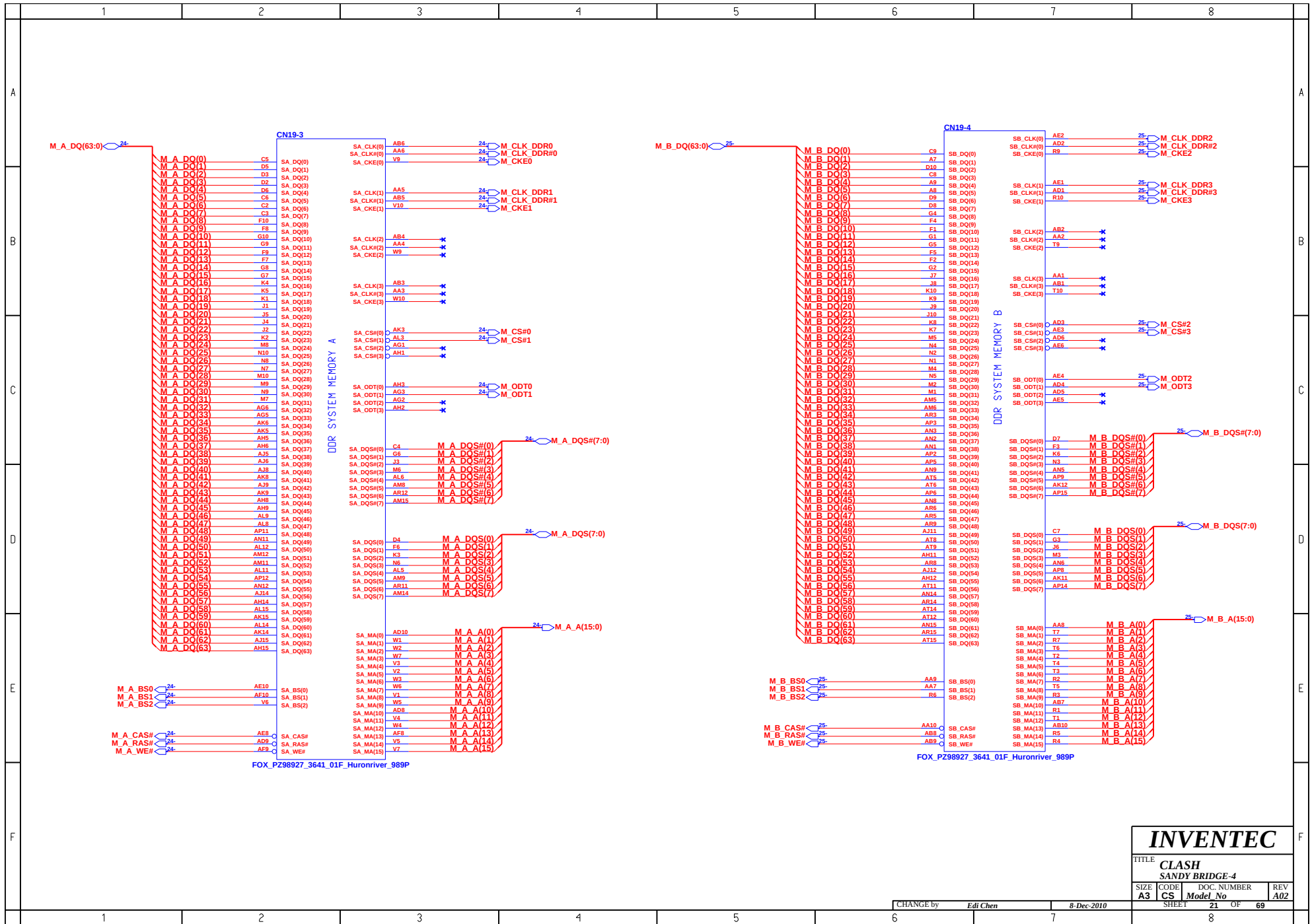
CHANGE by *Edi Chen* 8-Dec-2010

1 2 3 4 5 6 7 8









INVENTEC

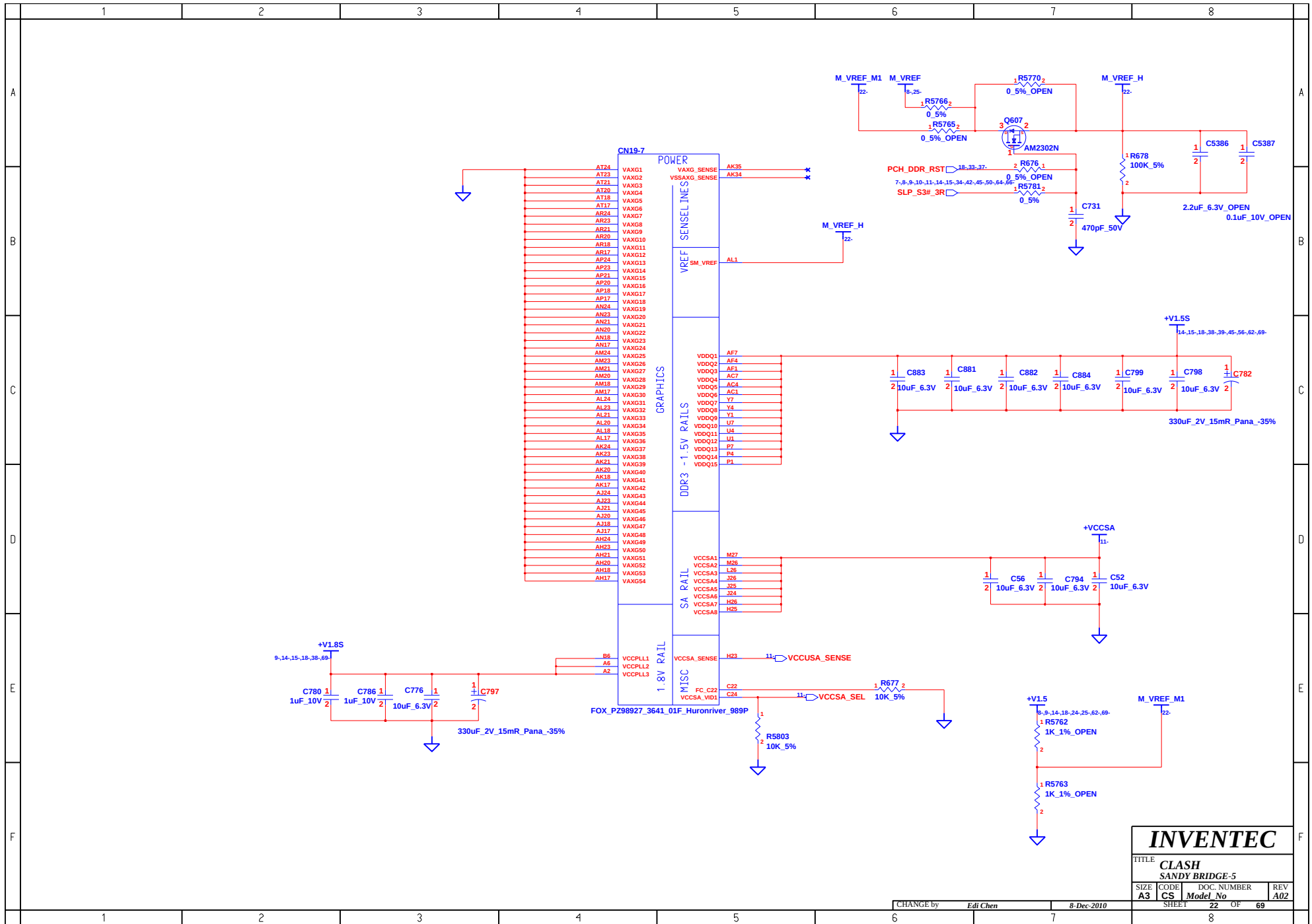
TITLE
CLASH
SANDY BRIDGE-4

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model_No	A02

CHANGE by Edi Chen

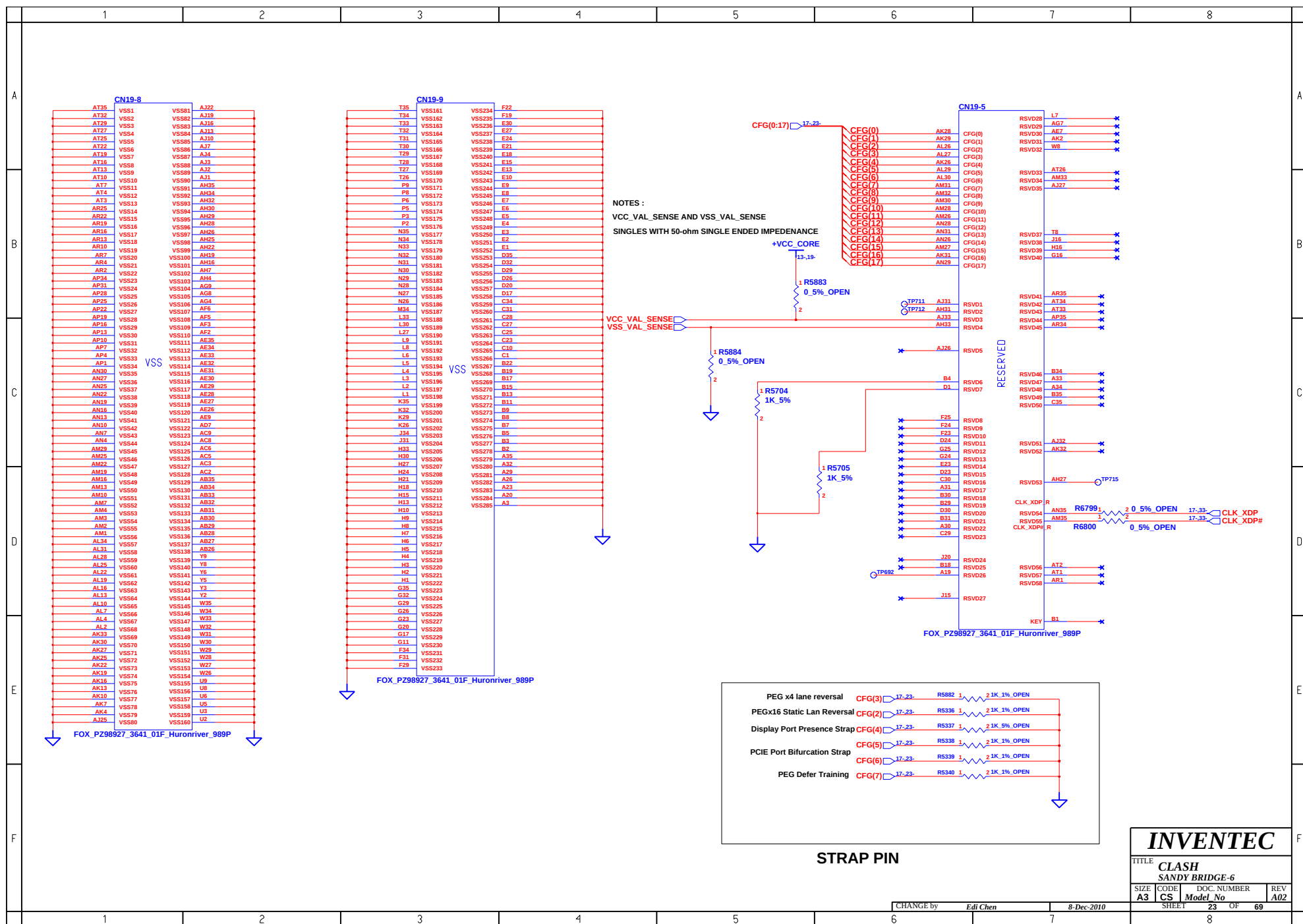
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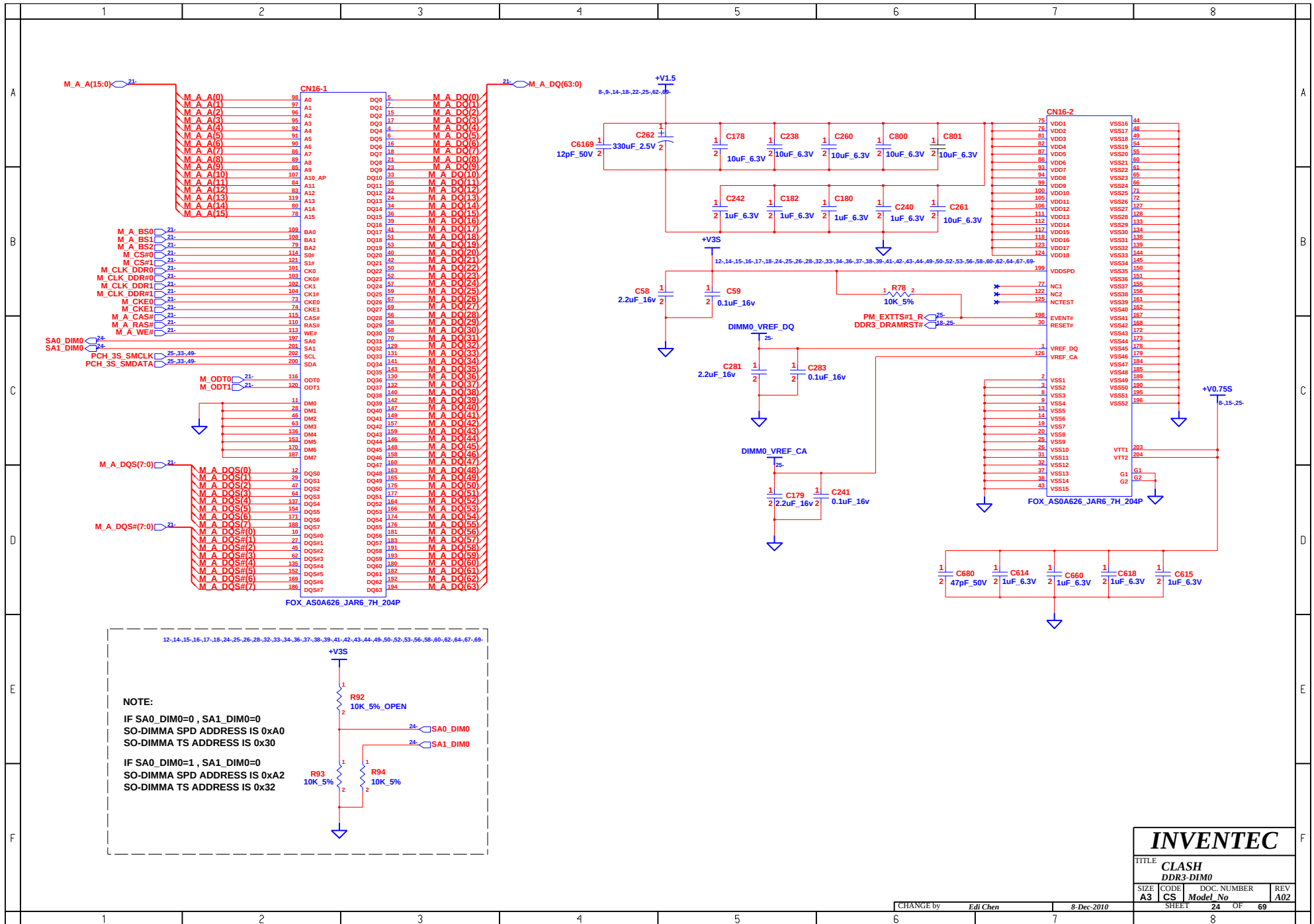
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INVENTEC

TITLE			
CLASH			
SANDY BRIDGE-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model_No	A02
CHANGE by		Edi Chen	8-Dec-2010
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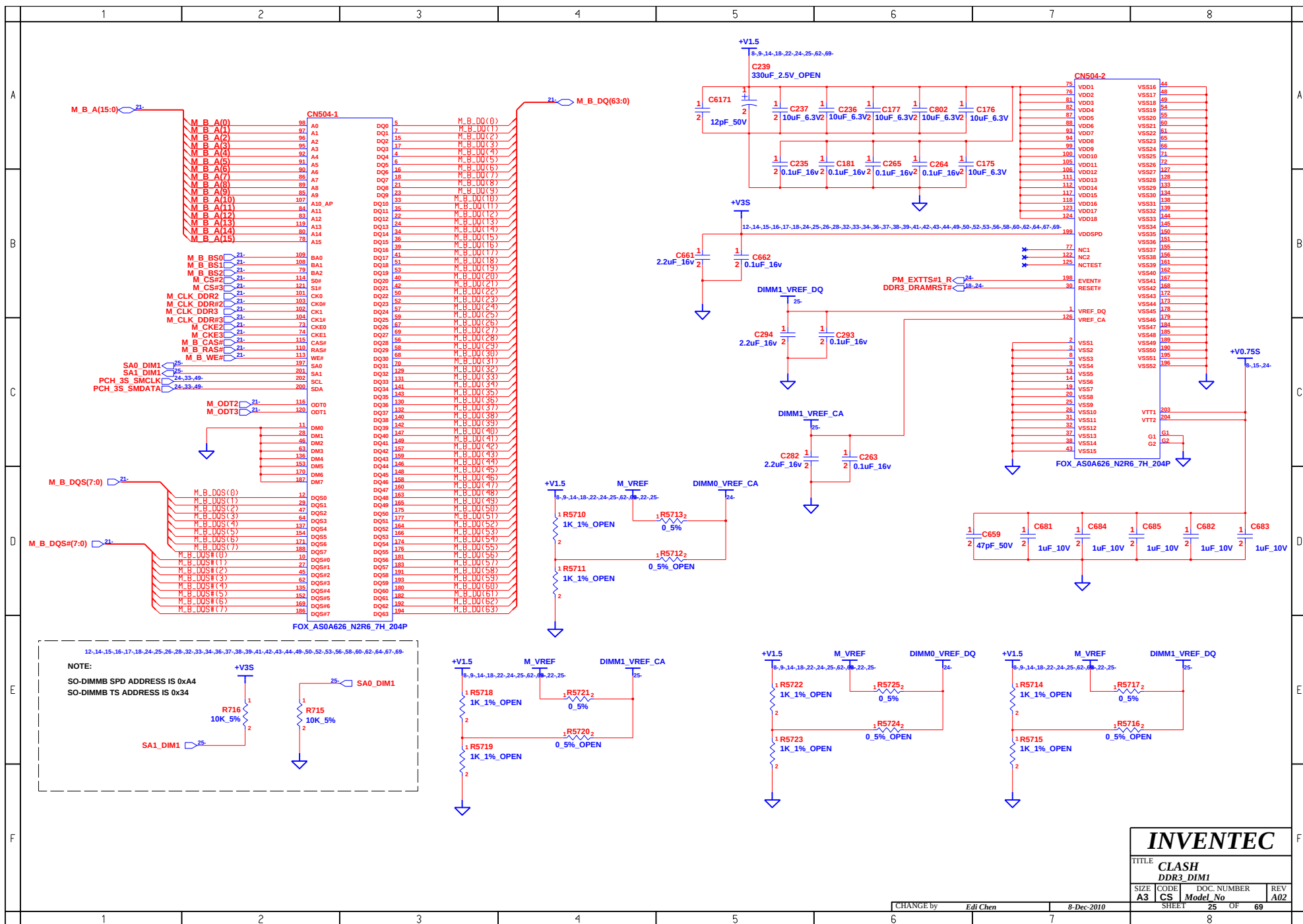


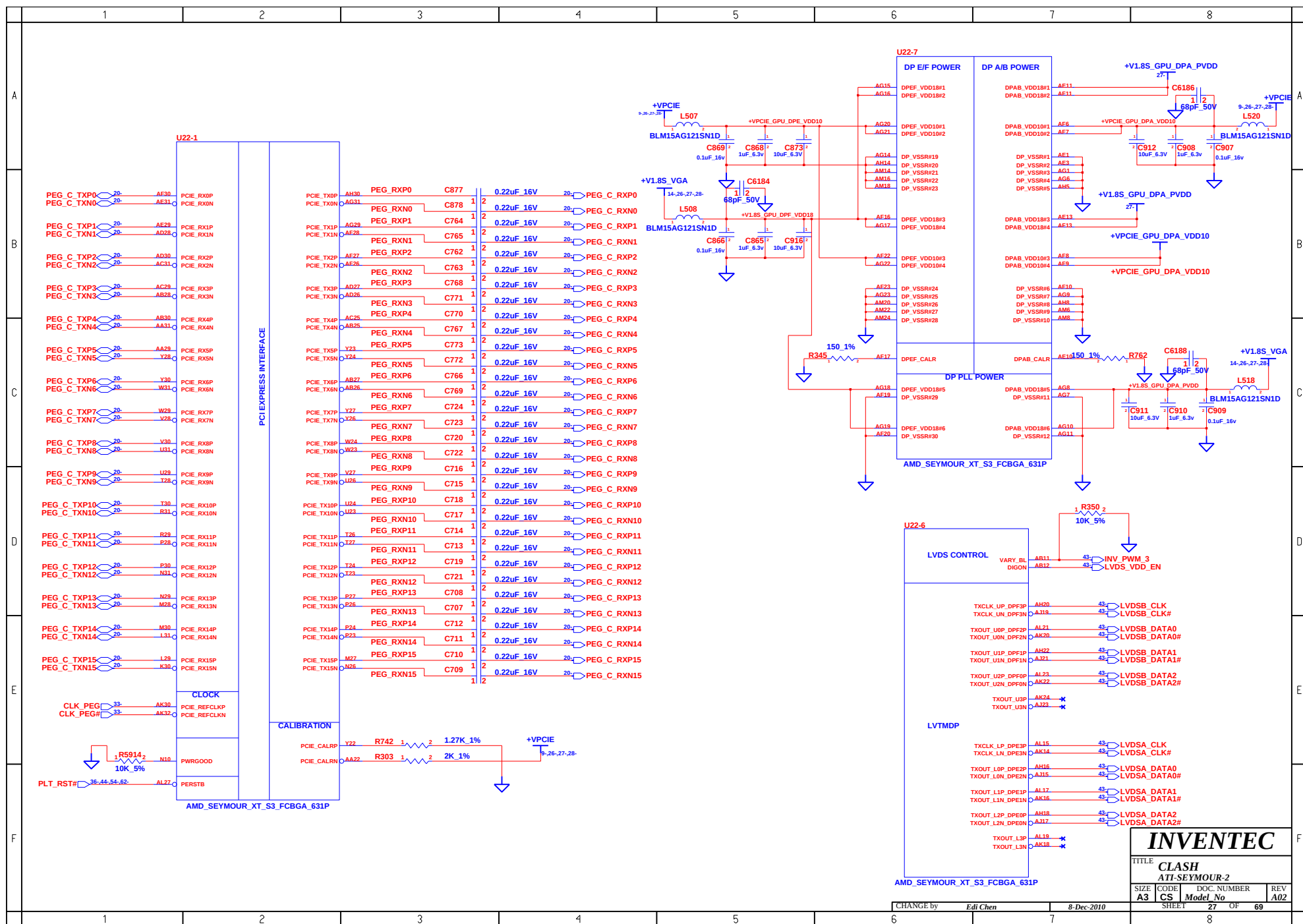


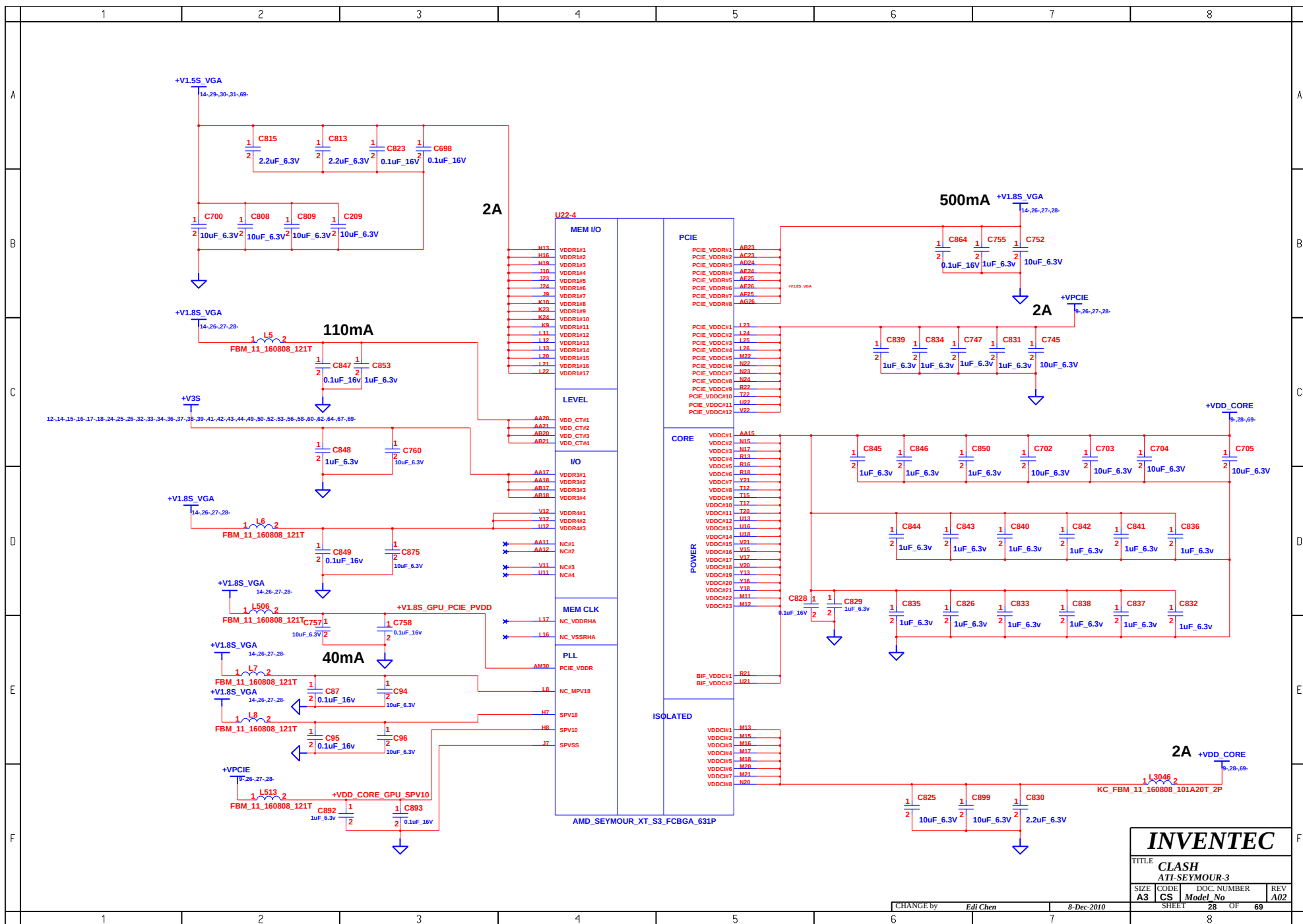
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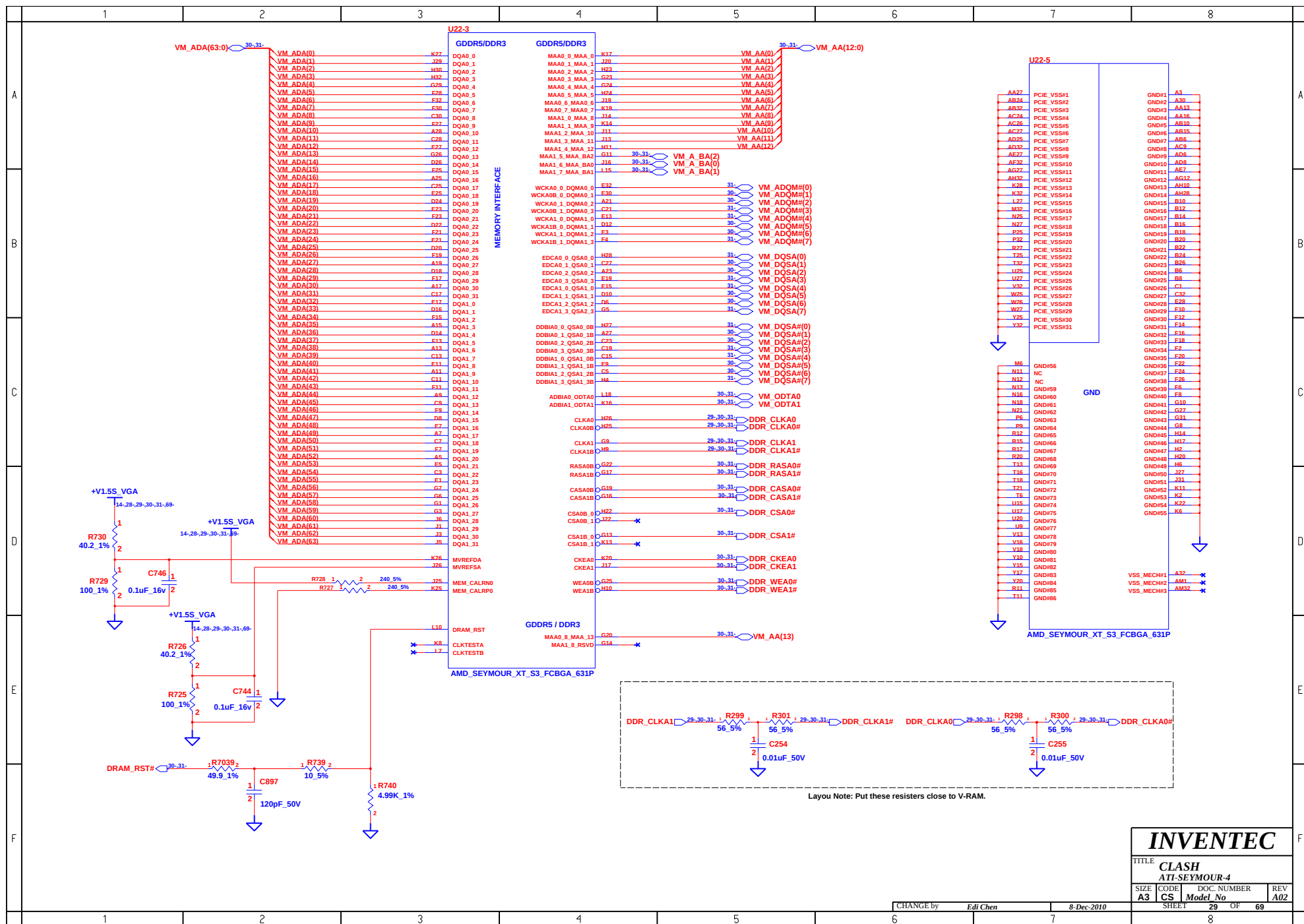
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CLASH			
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
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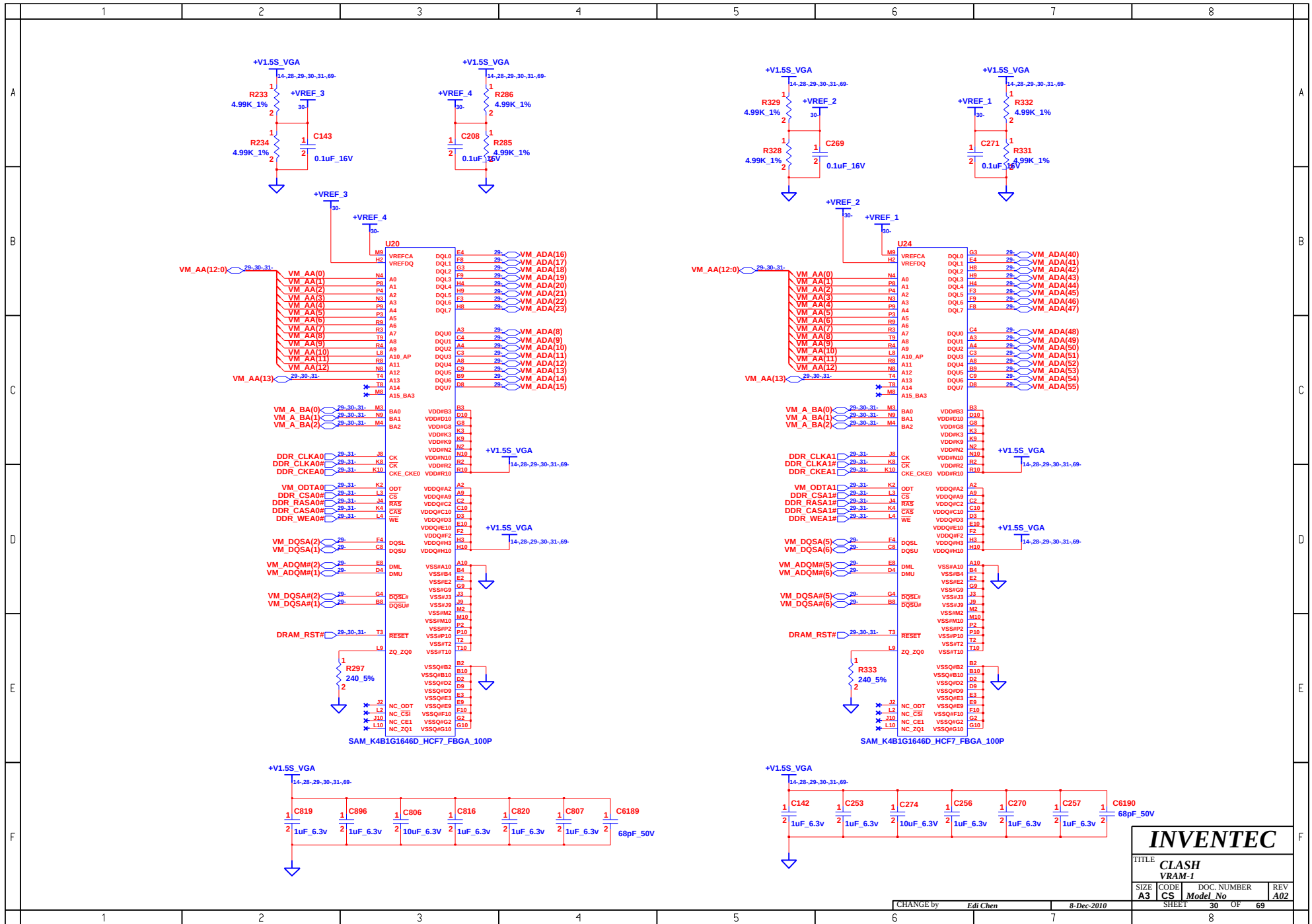
CHANGE by *Edi Chen* 8-Dec-2010







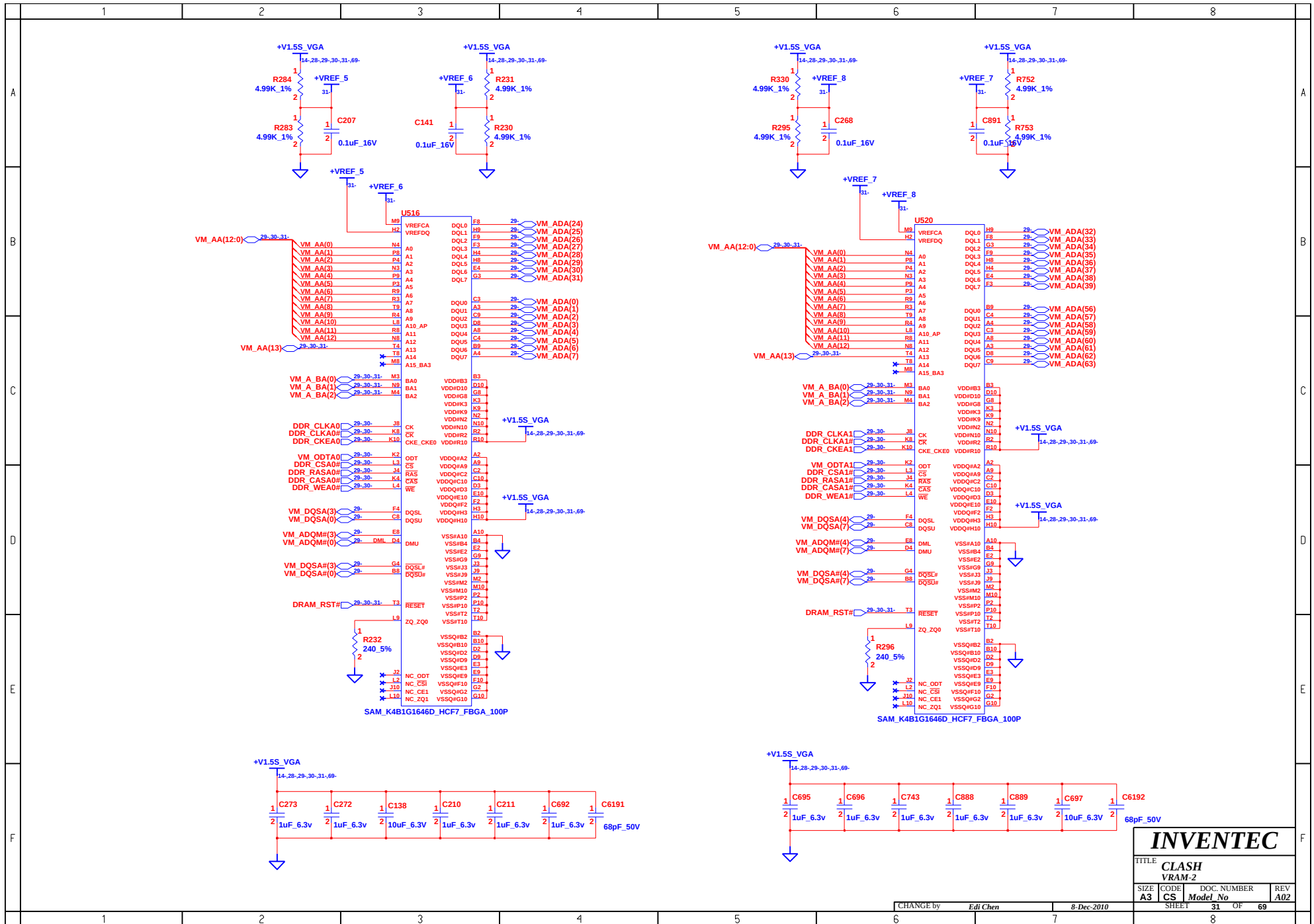


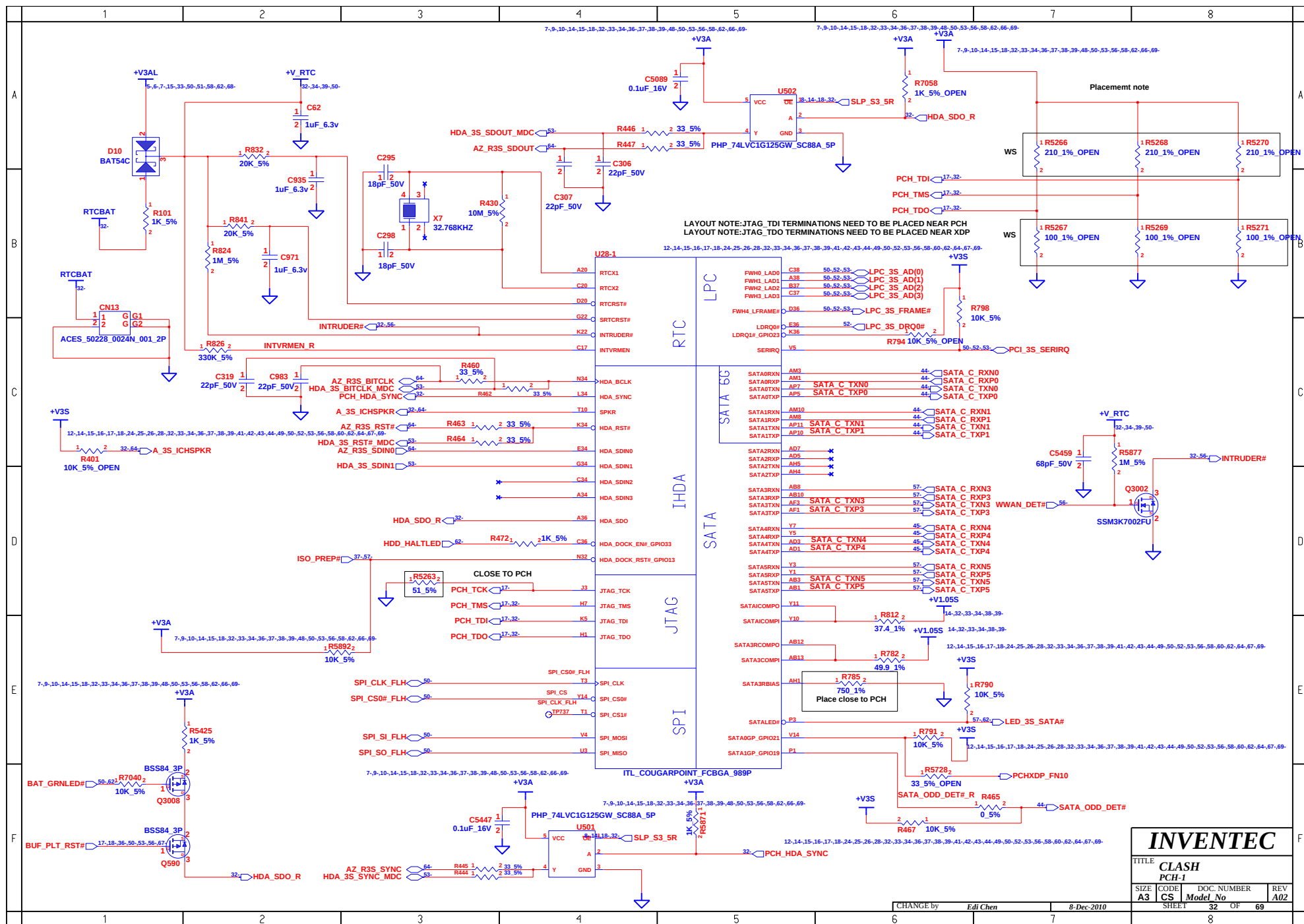


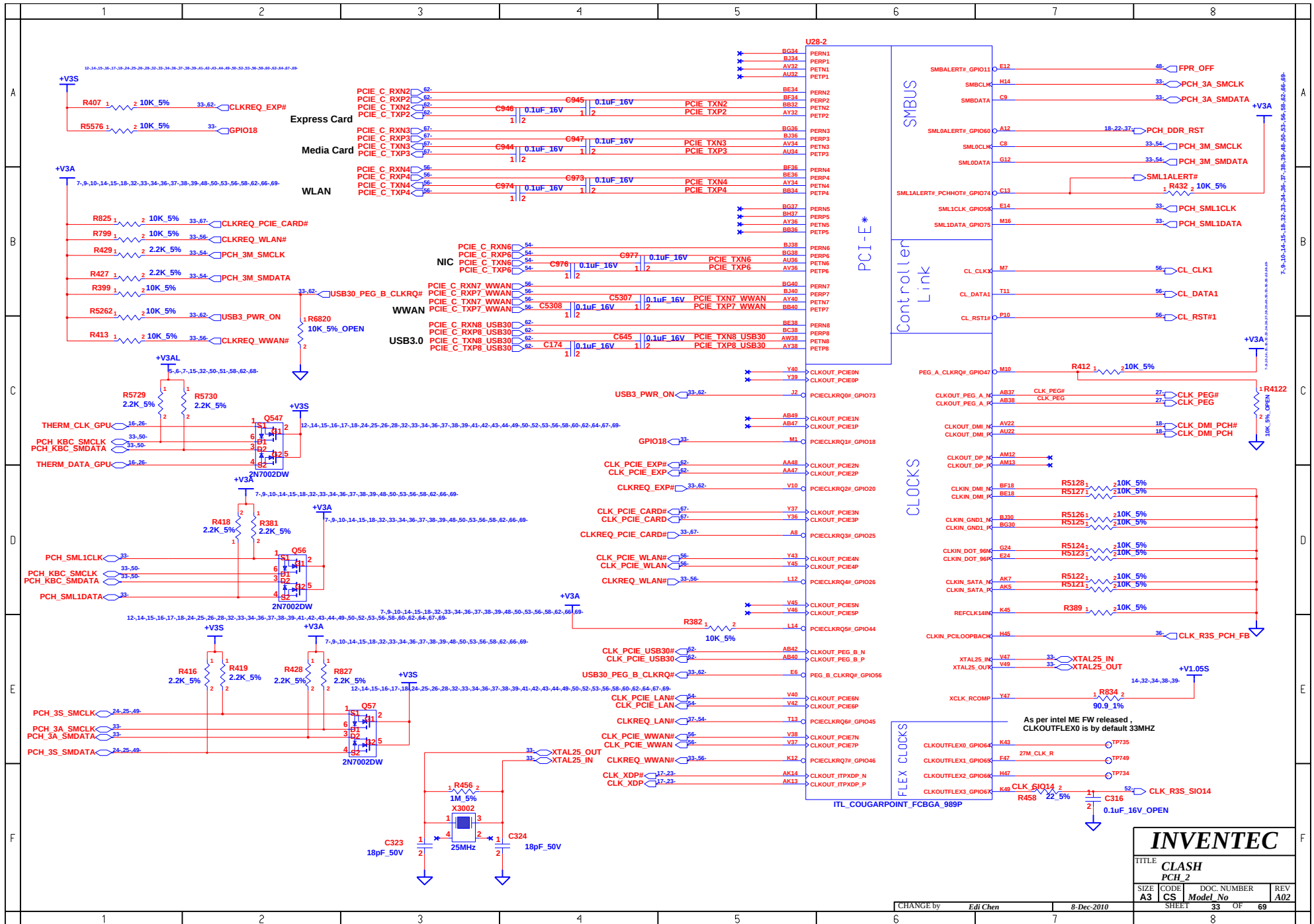
INVENTEC

TITLE			
CLASH			
VRAM-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
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CHANGE by: *Edi Chen* 8-Dec-2010







A

A

0.6

C

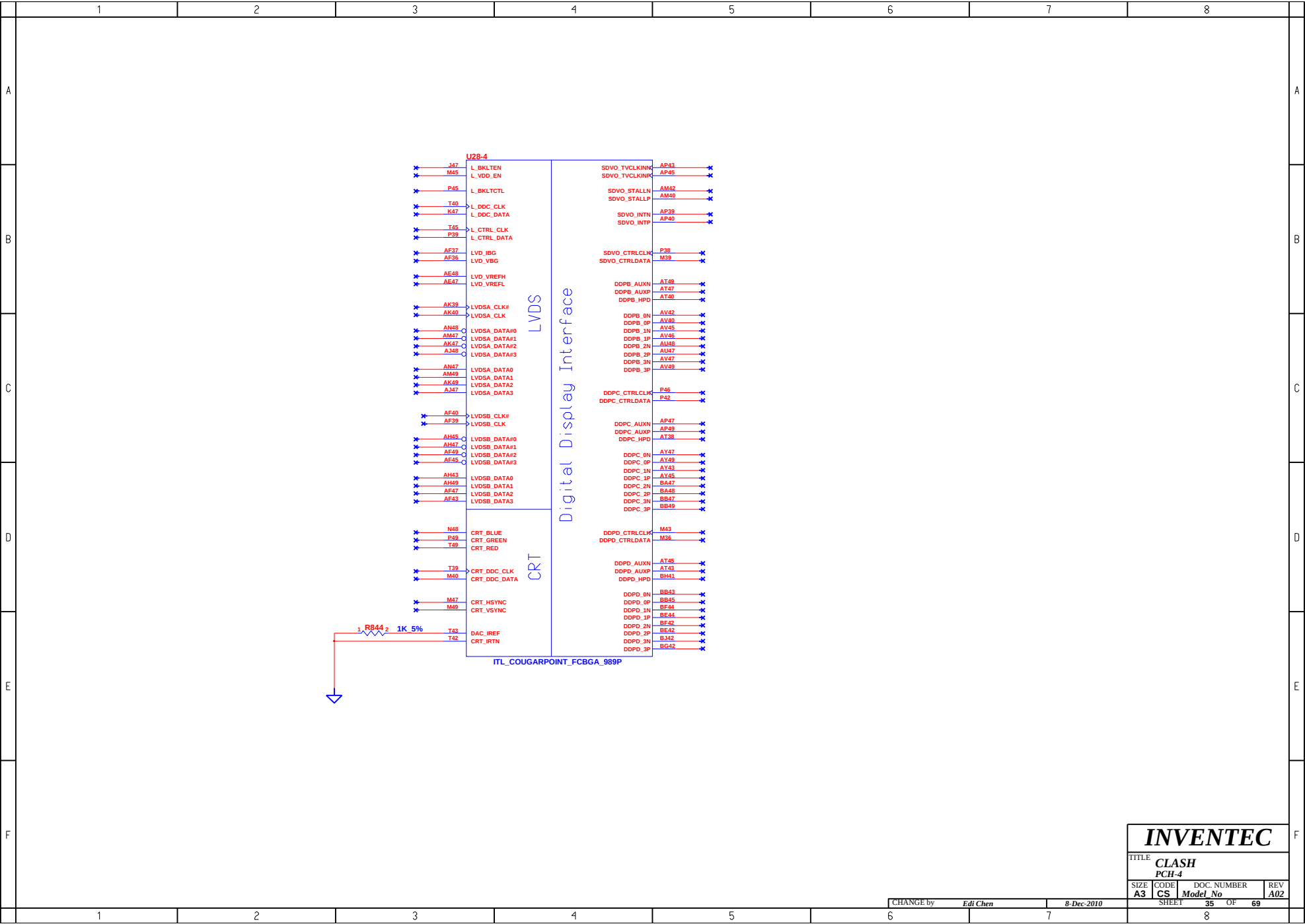
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1

TITLE			
CLASH			
PCH-3			
SIZE	CODE	DOC. NUMBER	REVISION
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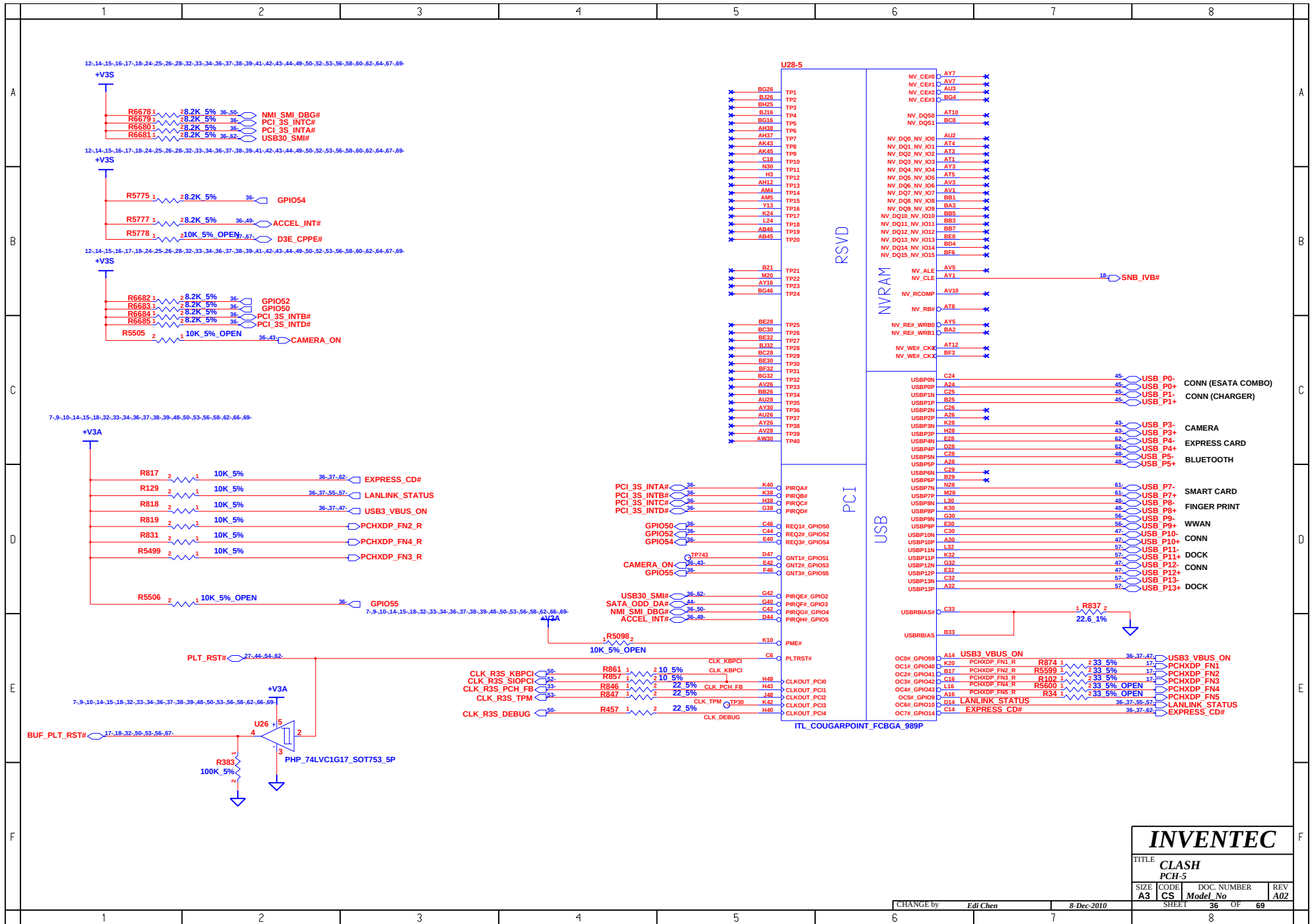


INVENTEC

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SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

CHANGE by Edi Chen 8-Dec-2010

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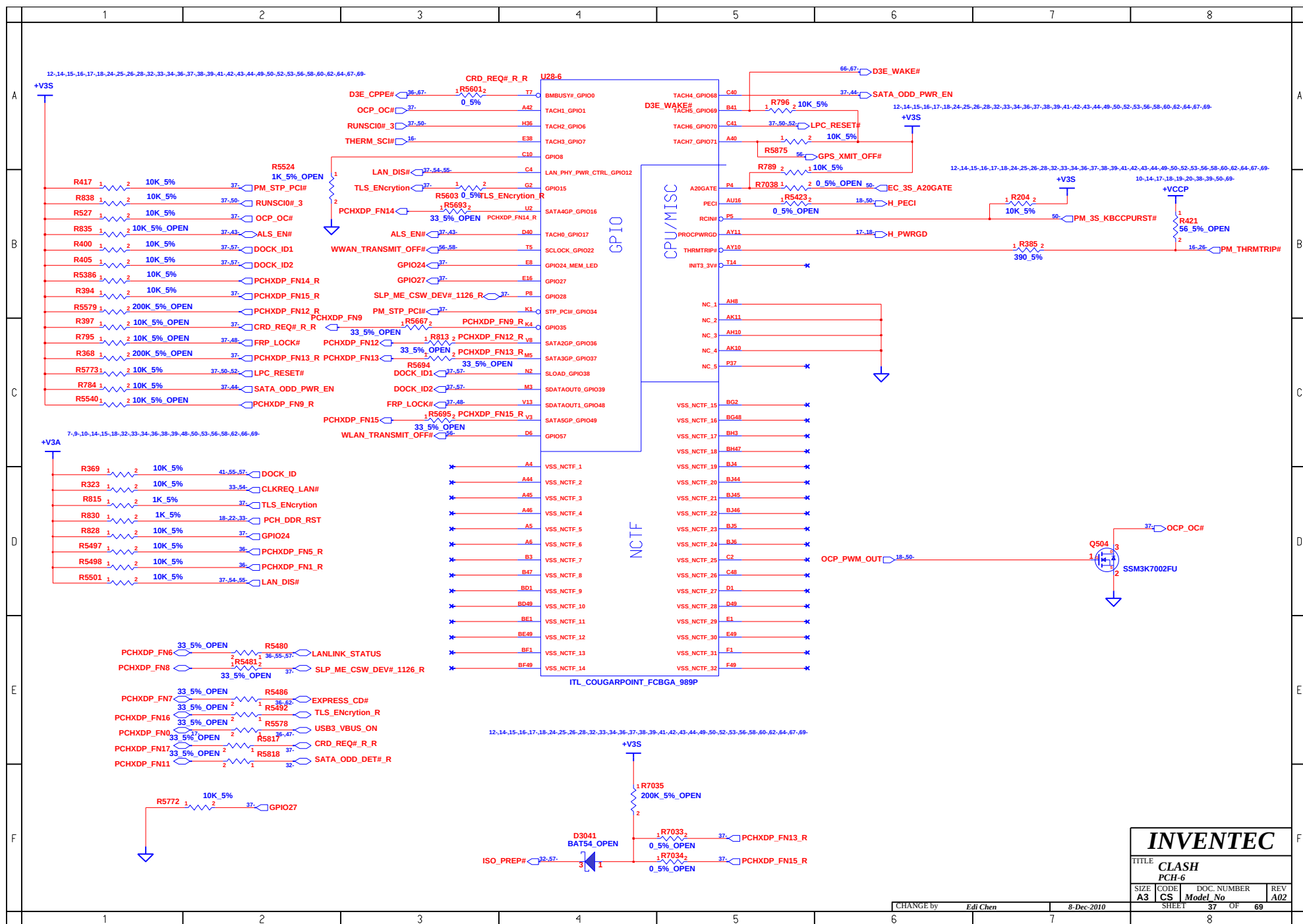


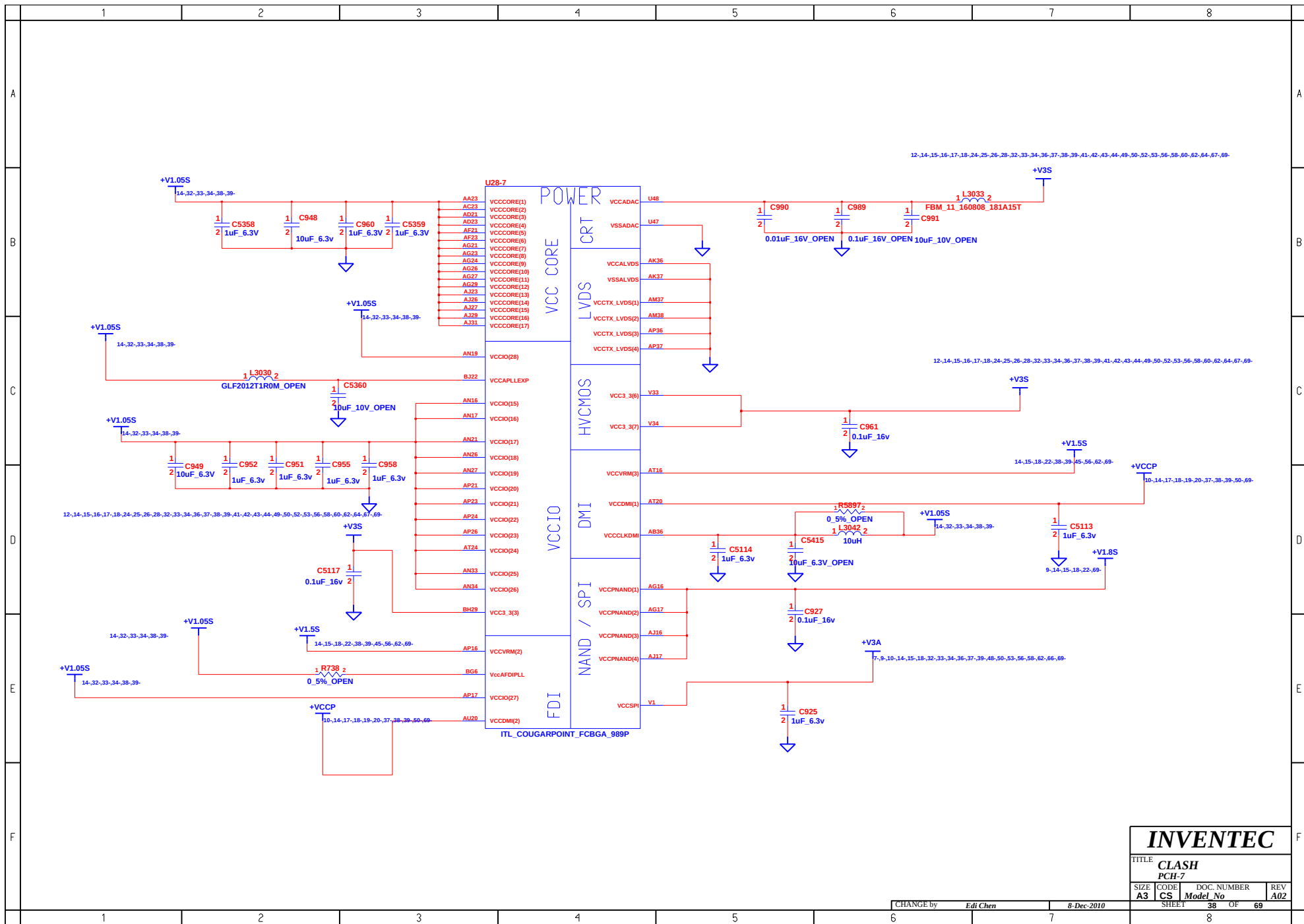
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TITLE			
CLASH			
PCH-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model_No	A02
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CHANGE by Edin Chen 8-Dec-2010

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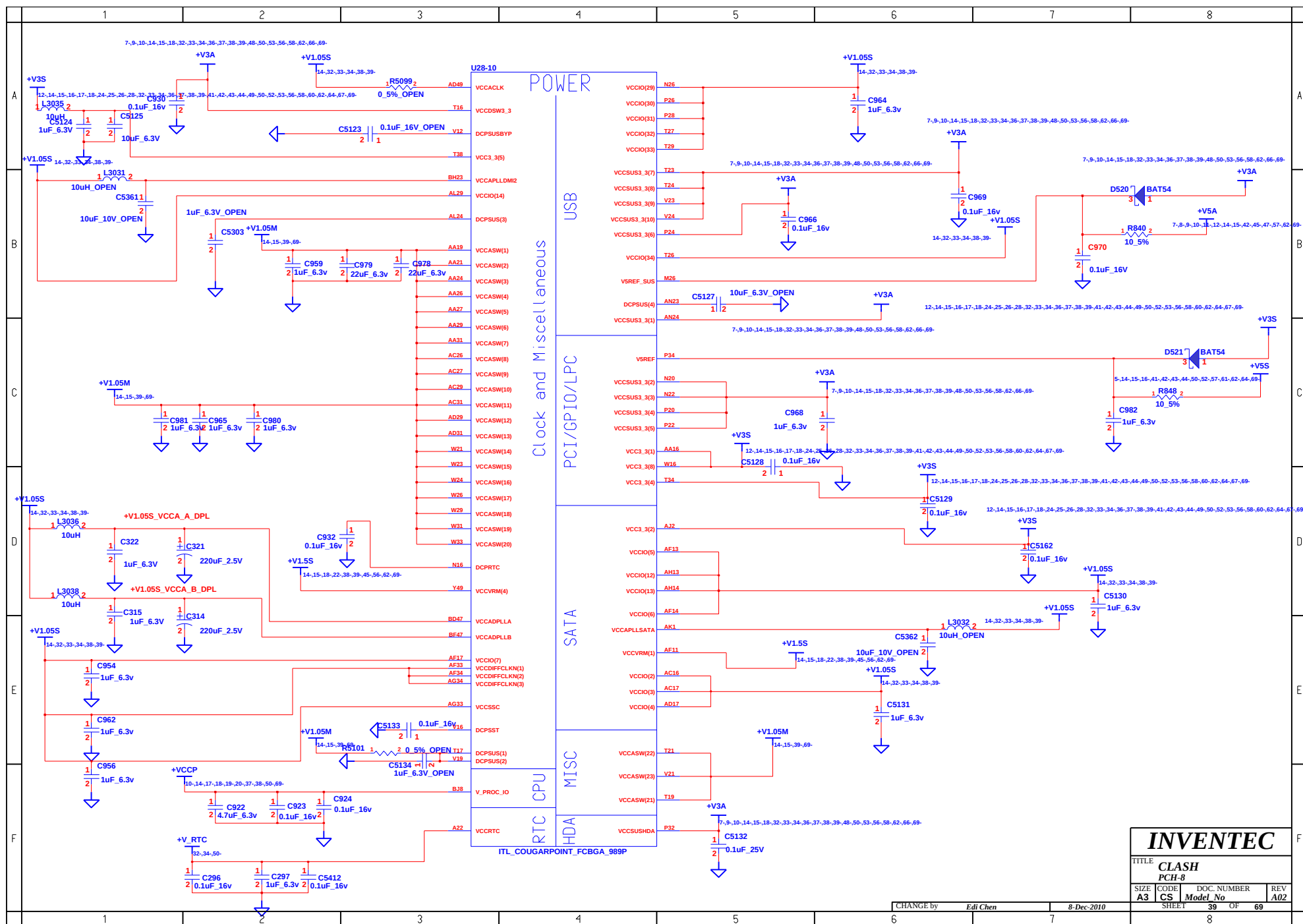


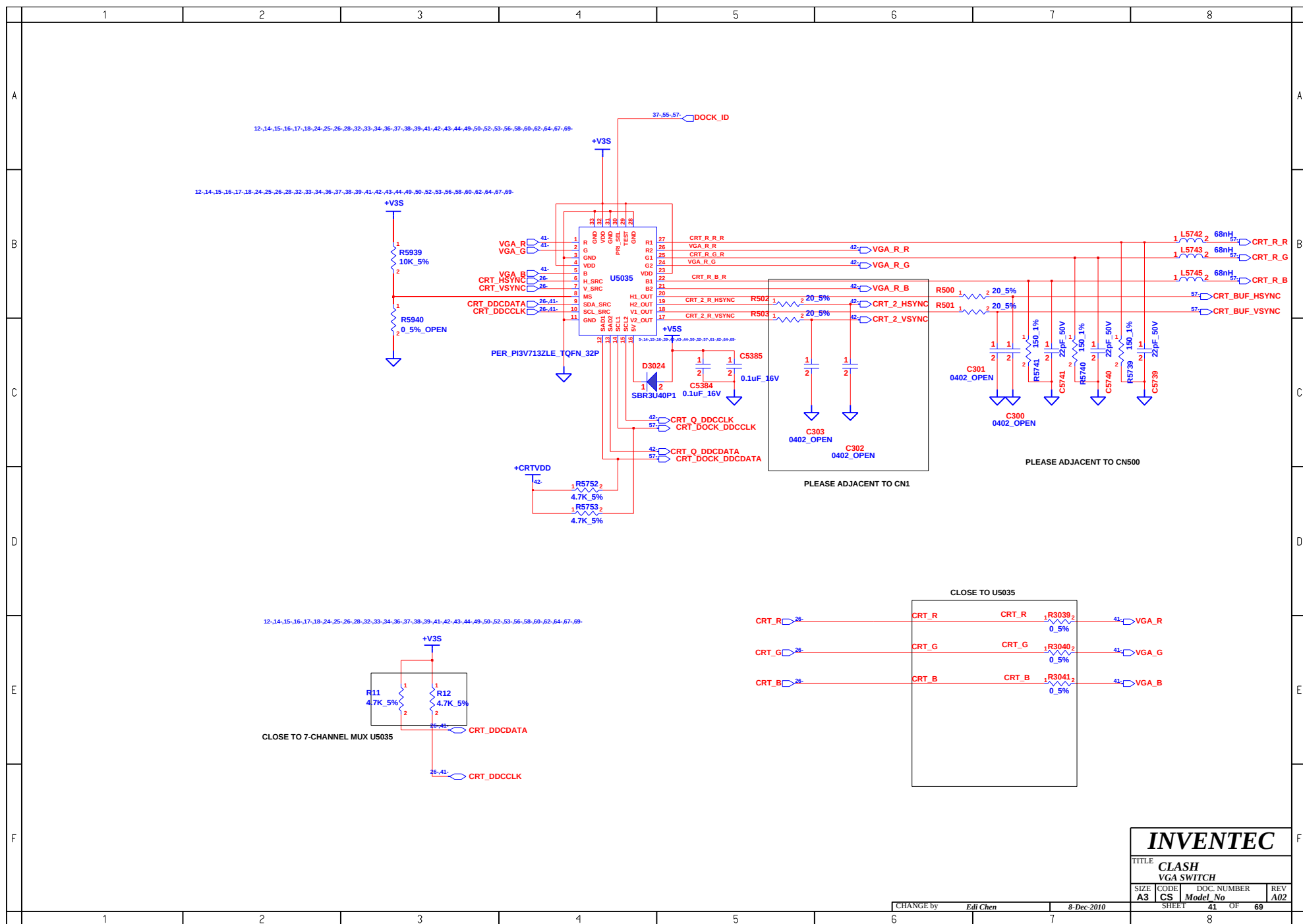


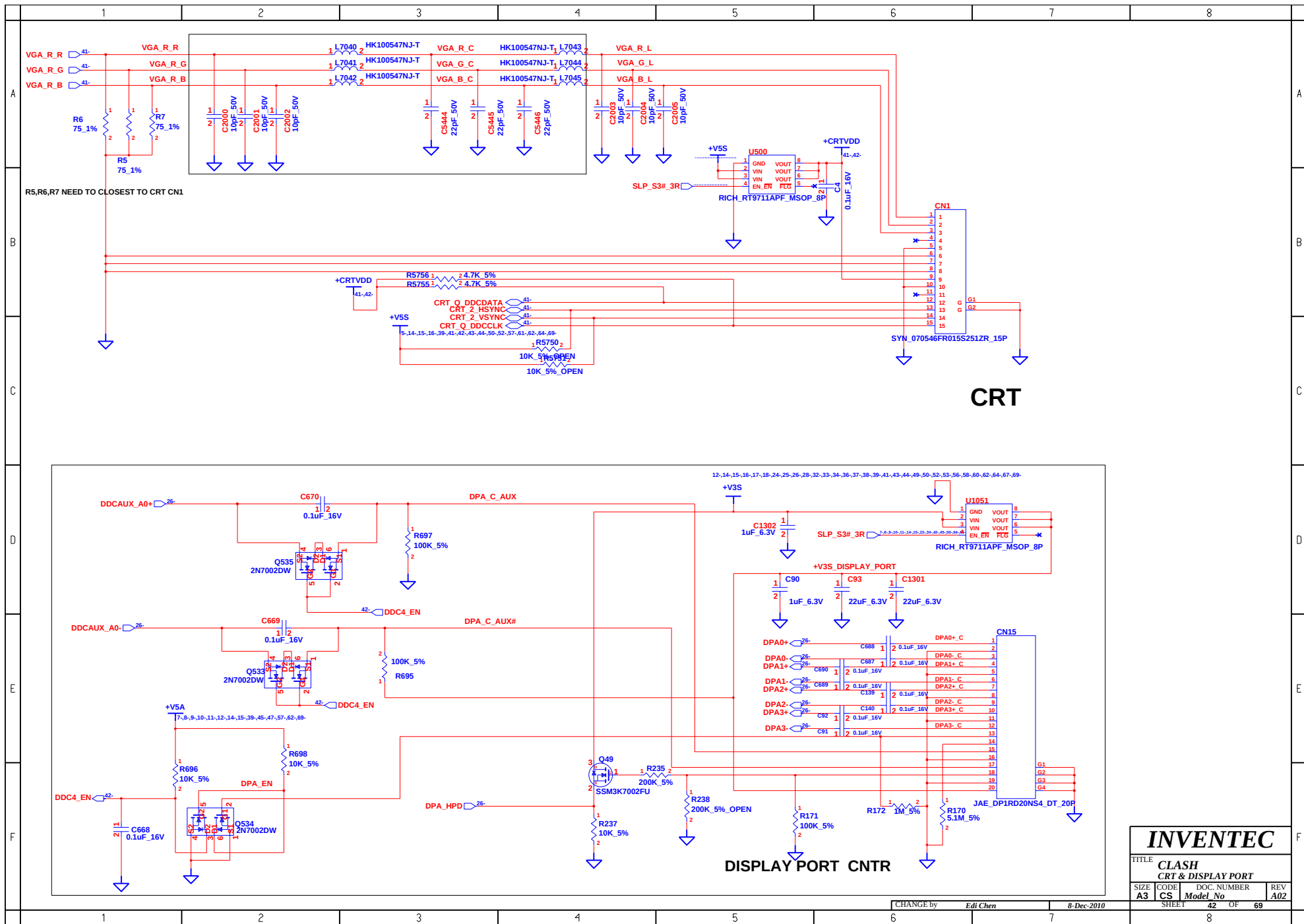
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TITLE			
CLASH			
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A3	CS	Model No	A02
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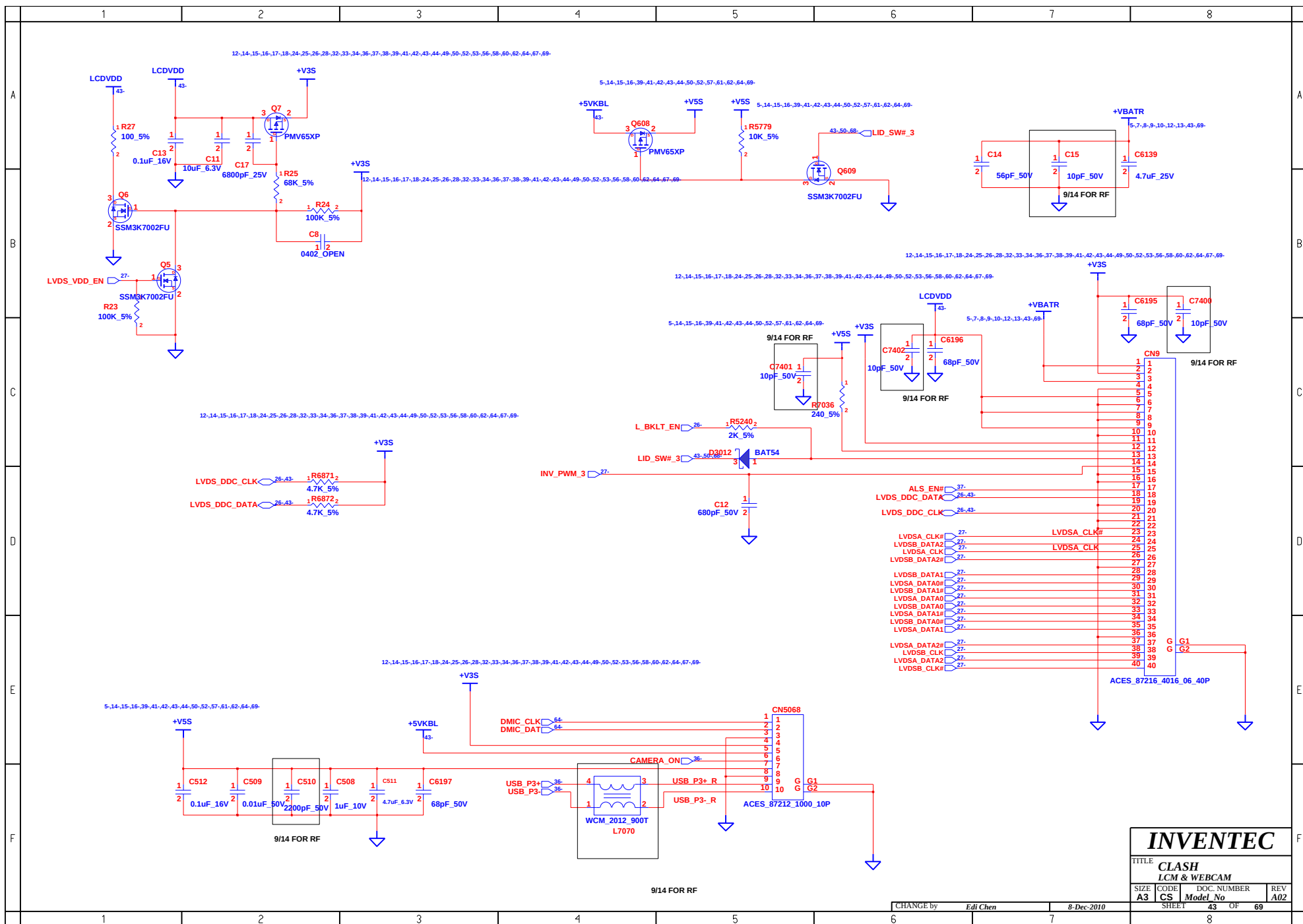
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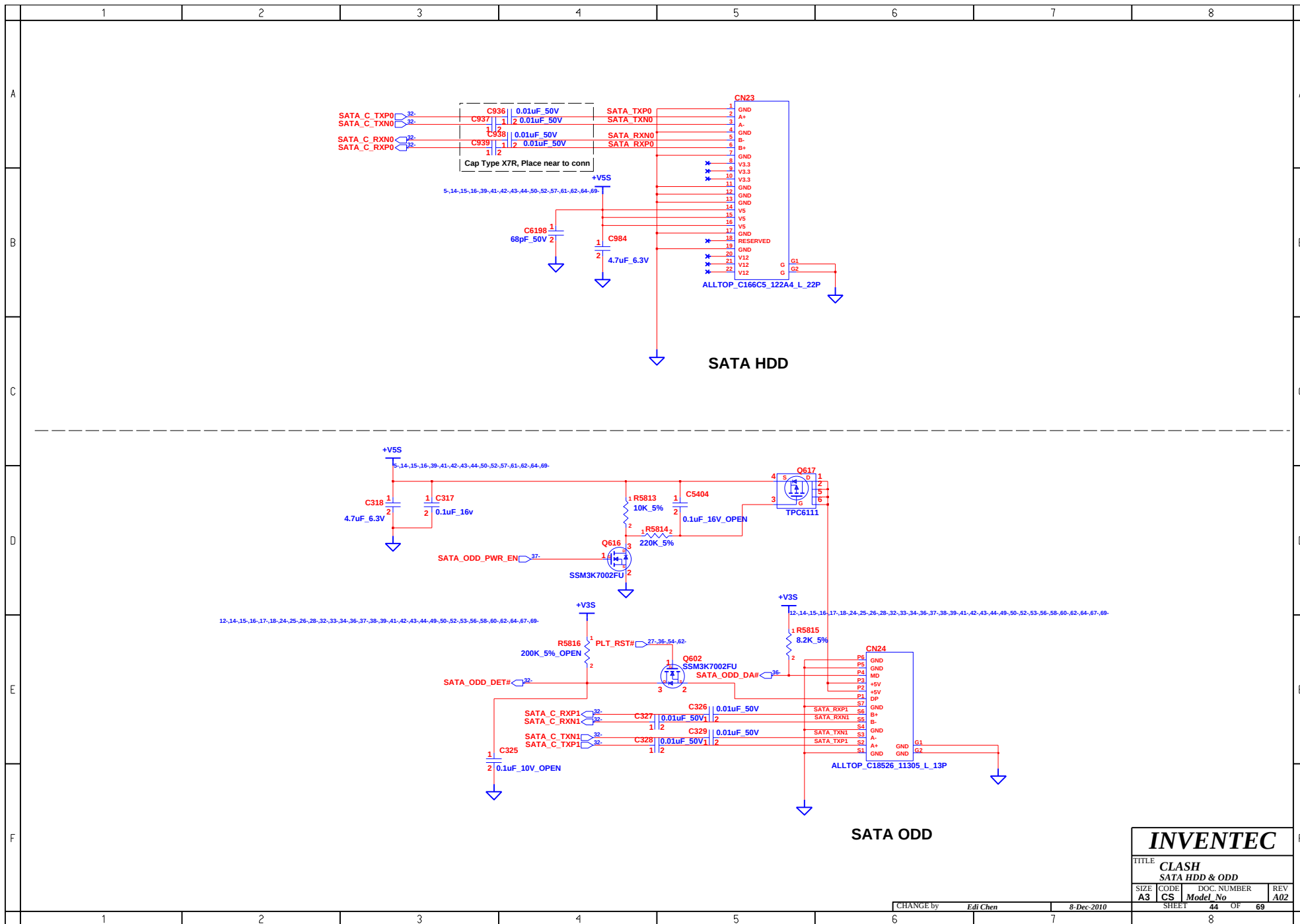




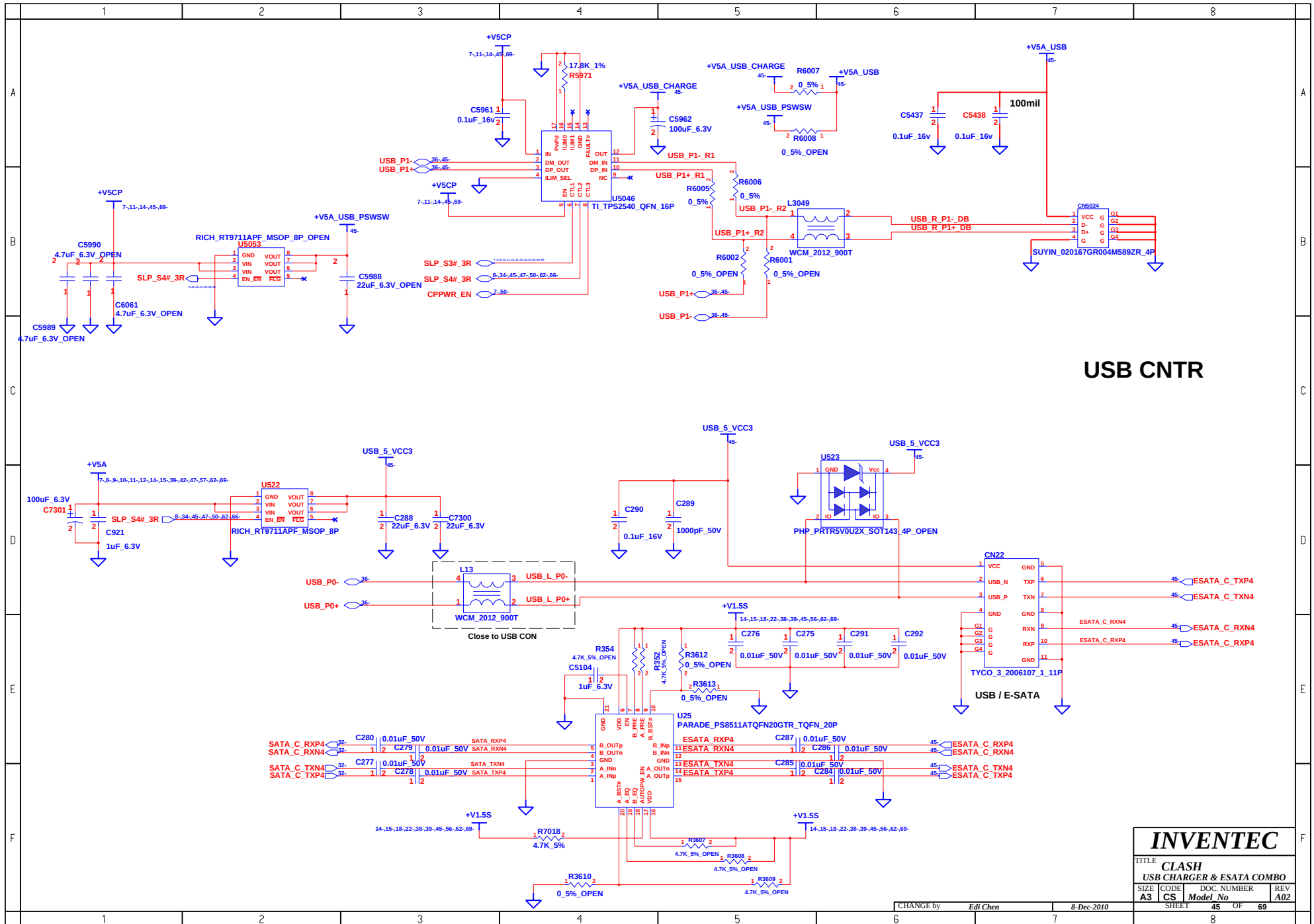


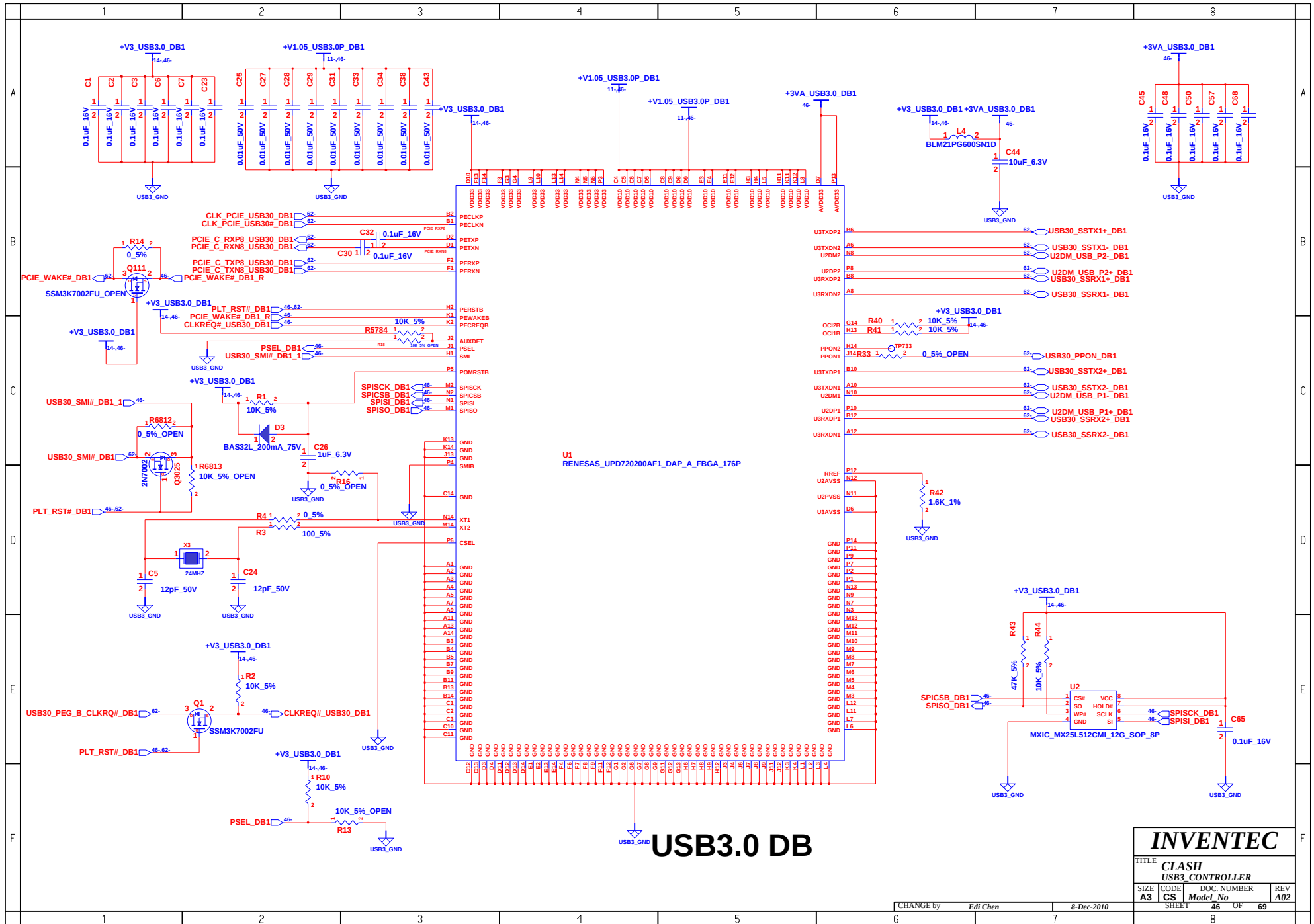
CHANGE by *Edi Chen* 8-Dec-2010





INVENTEC			
TITLE CLASH SATA HDD & ODD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by Edi Chen		8-Dec-2010	
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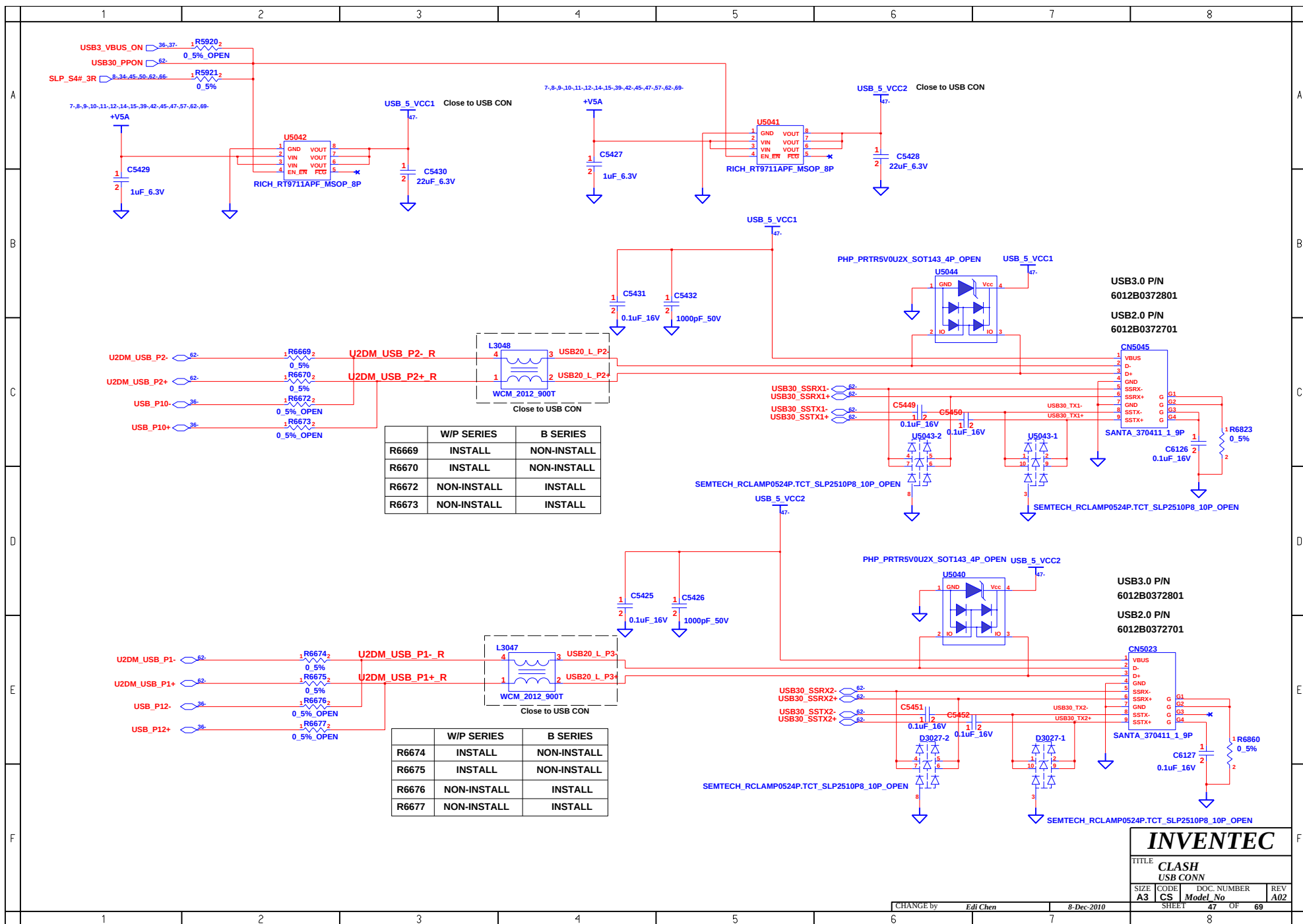
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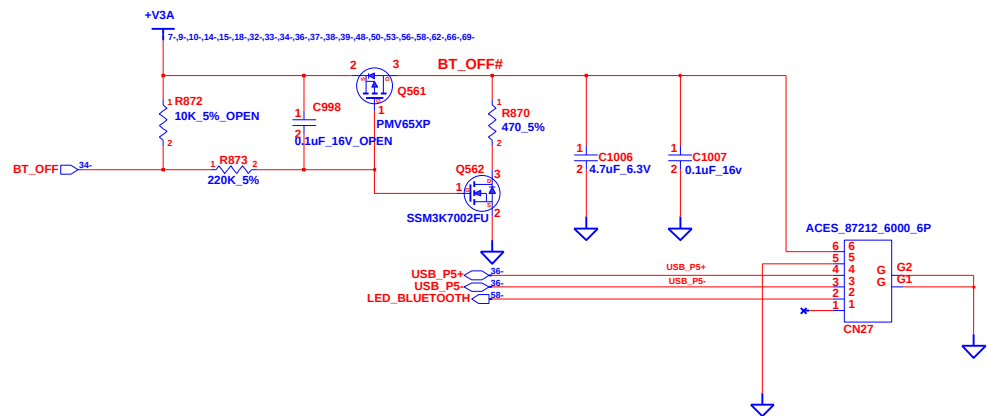
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CLASH			
USB3_CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model_No	A02
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CHANGE by *Edi Chen*

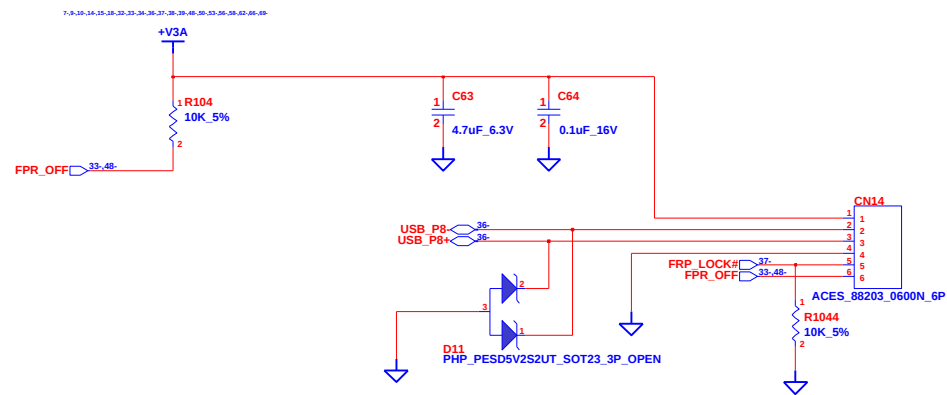
8-Dec-2010

8





BLUETOOTH



FINGER PRINTER CNTR

INVENTEC

TITLE			
CLASH			
BLUETOOTH & FINGER PRINTER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		48	OF 69

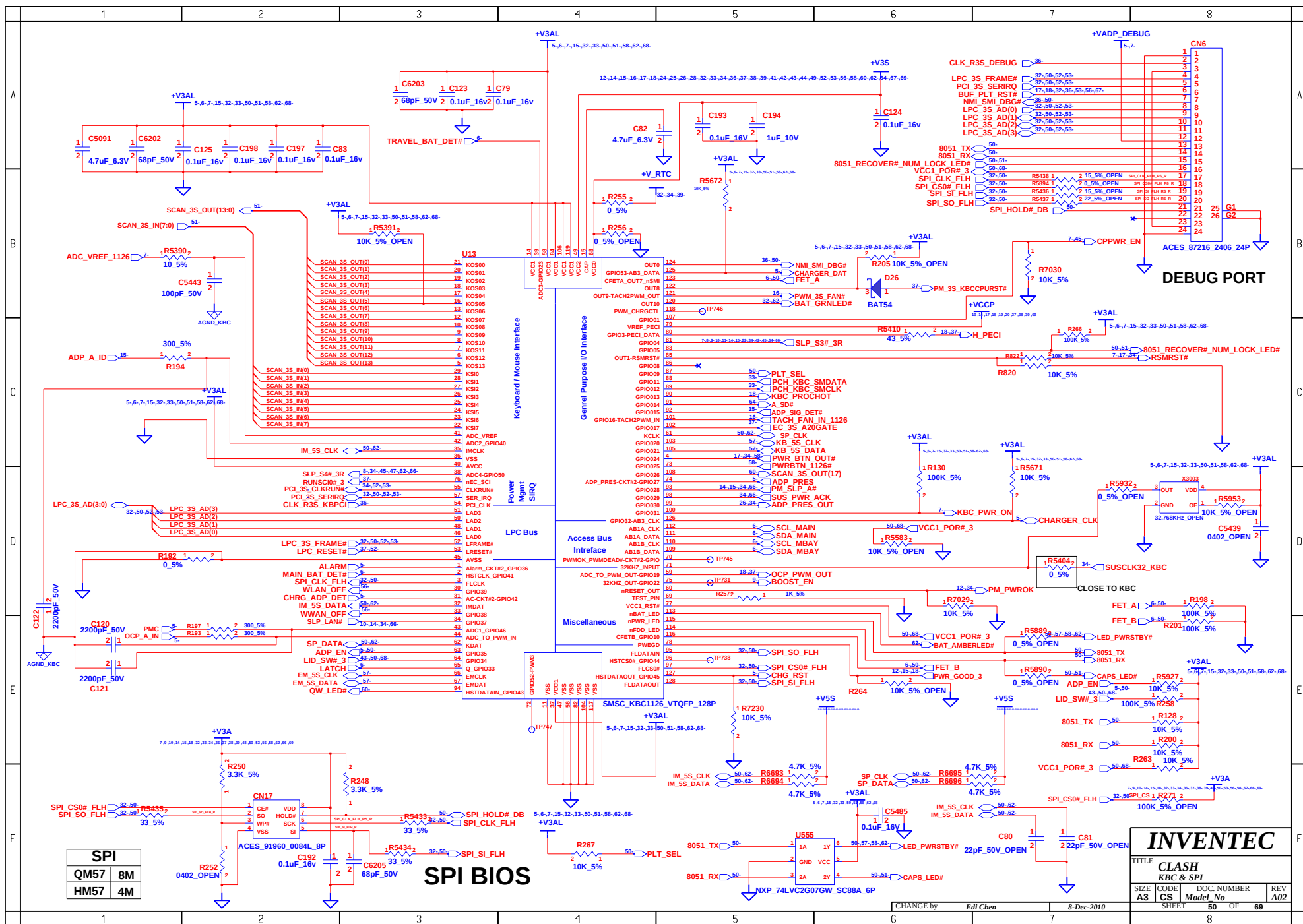
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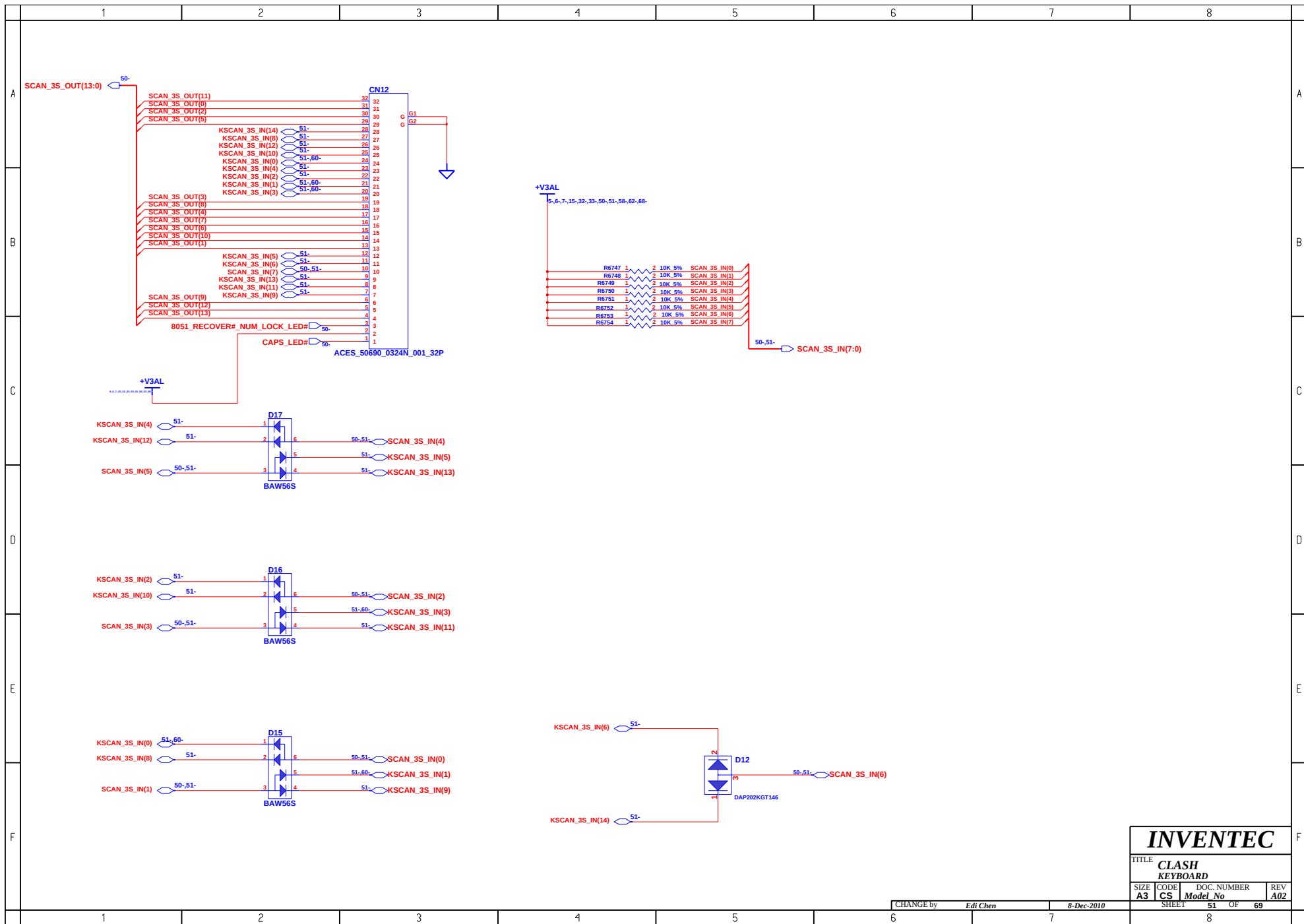


TITLE			
CLASH			
ACCEMETOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	A02
SHEET 49 OF 69			

CHANGE by	<i>Edi Chen</i>	<i>8-Dec-2010</i>
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CS	Model No		
SHEET	49	OF	69

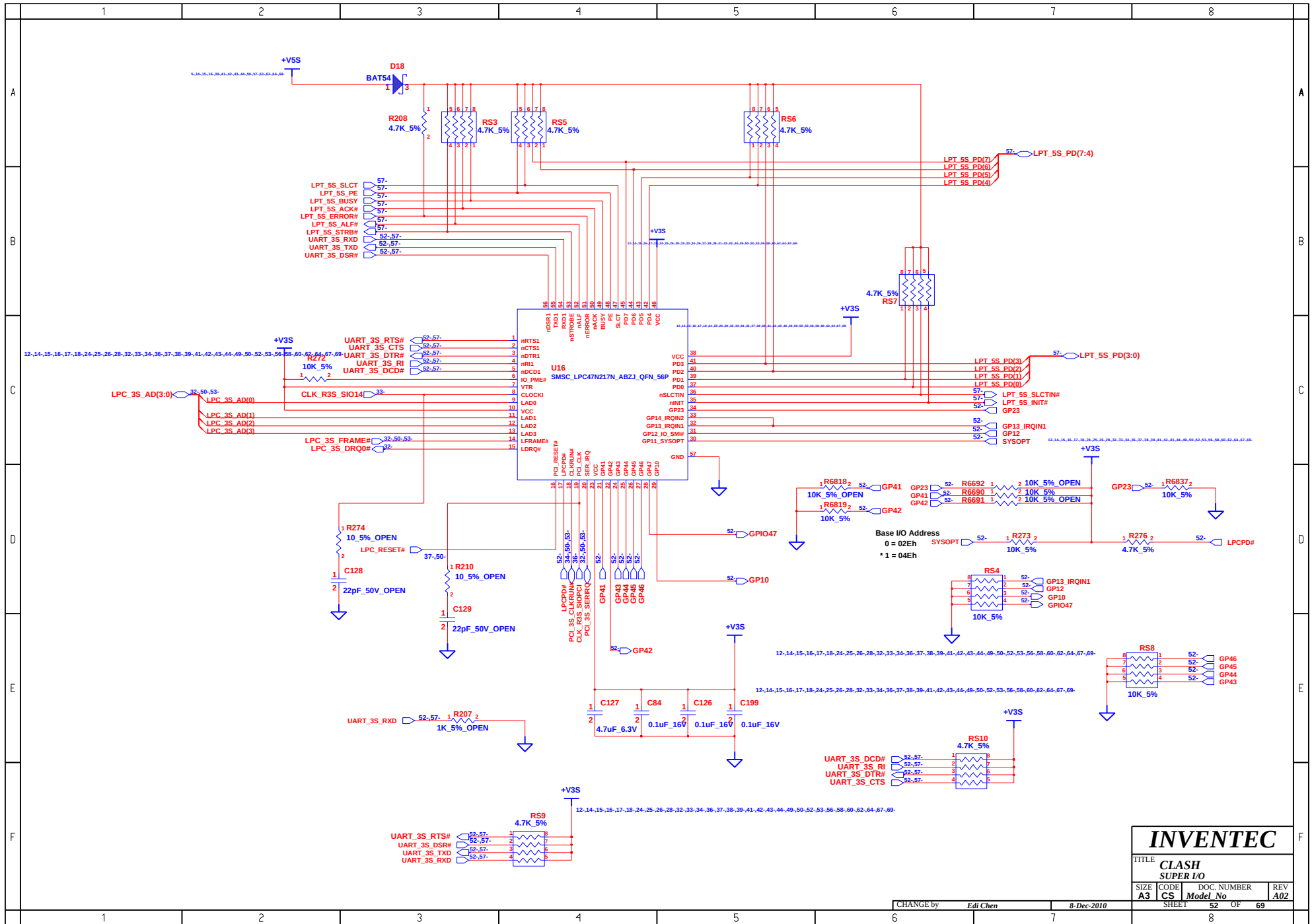


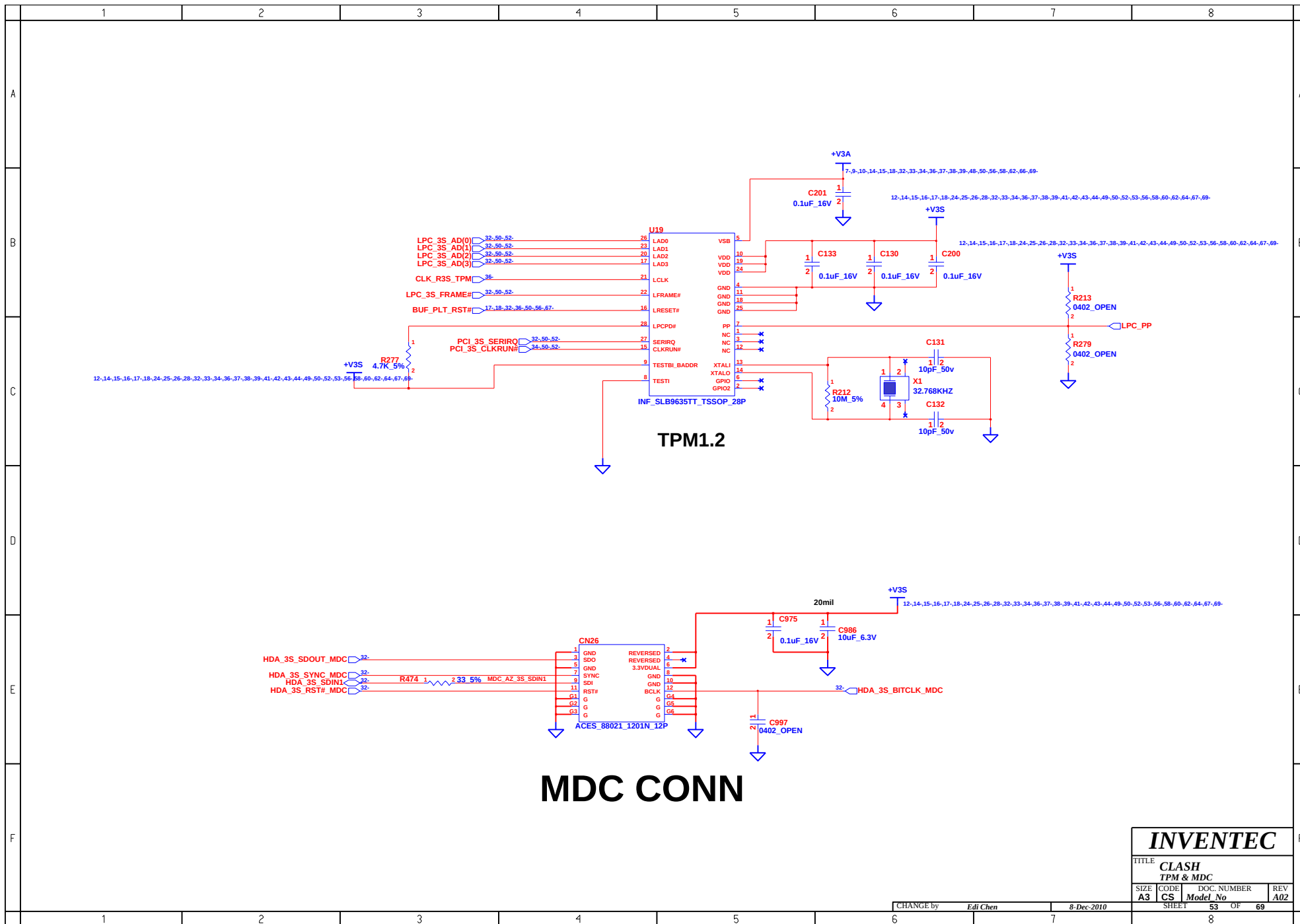


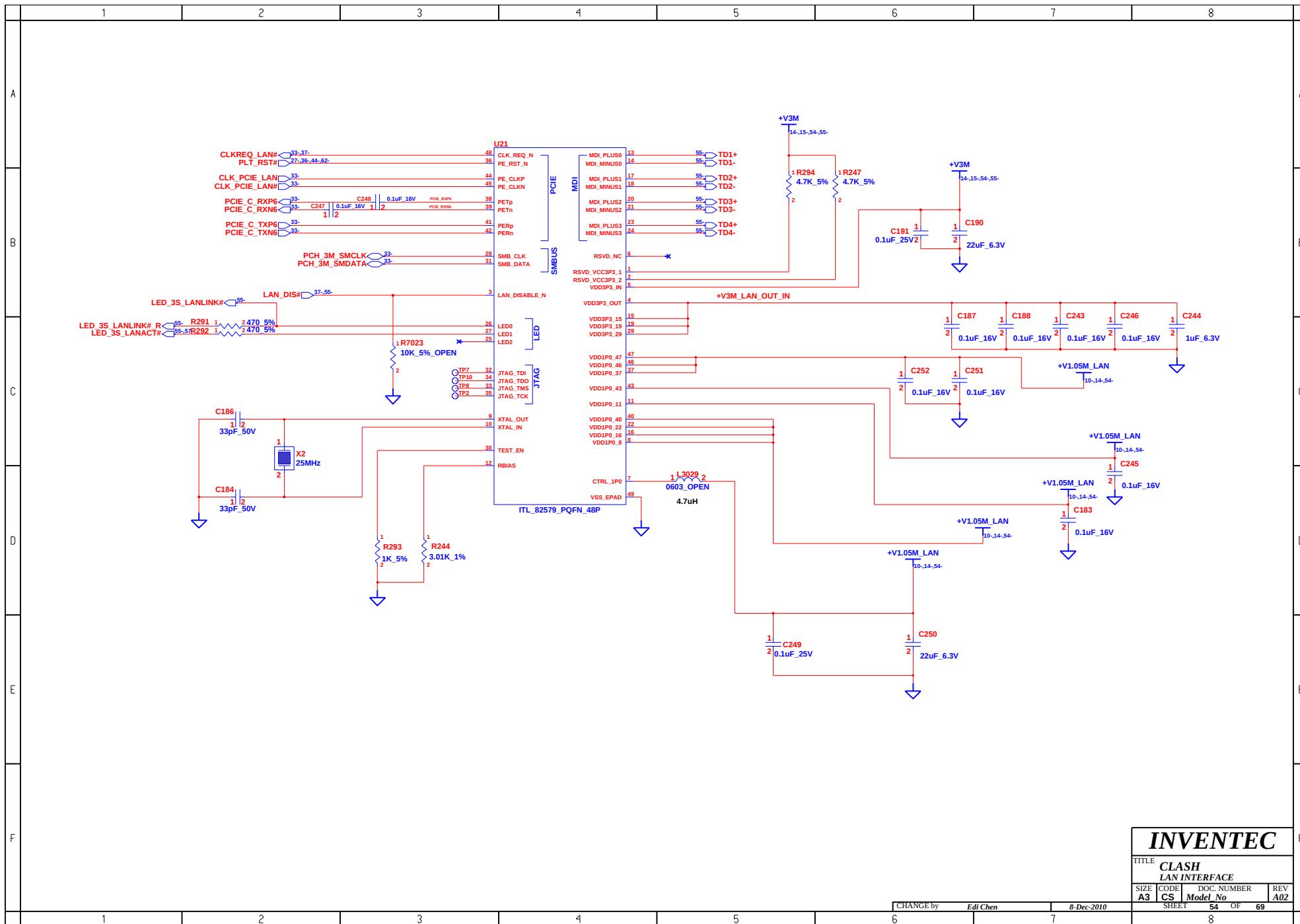
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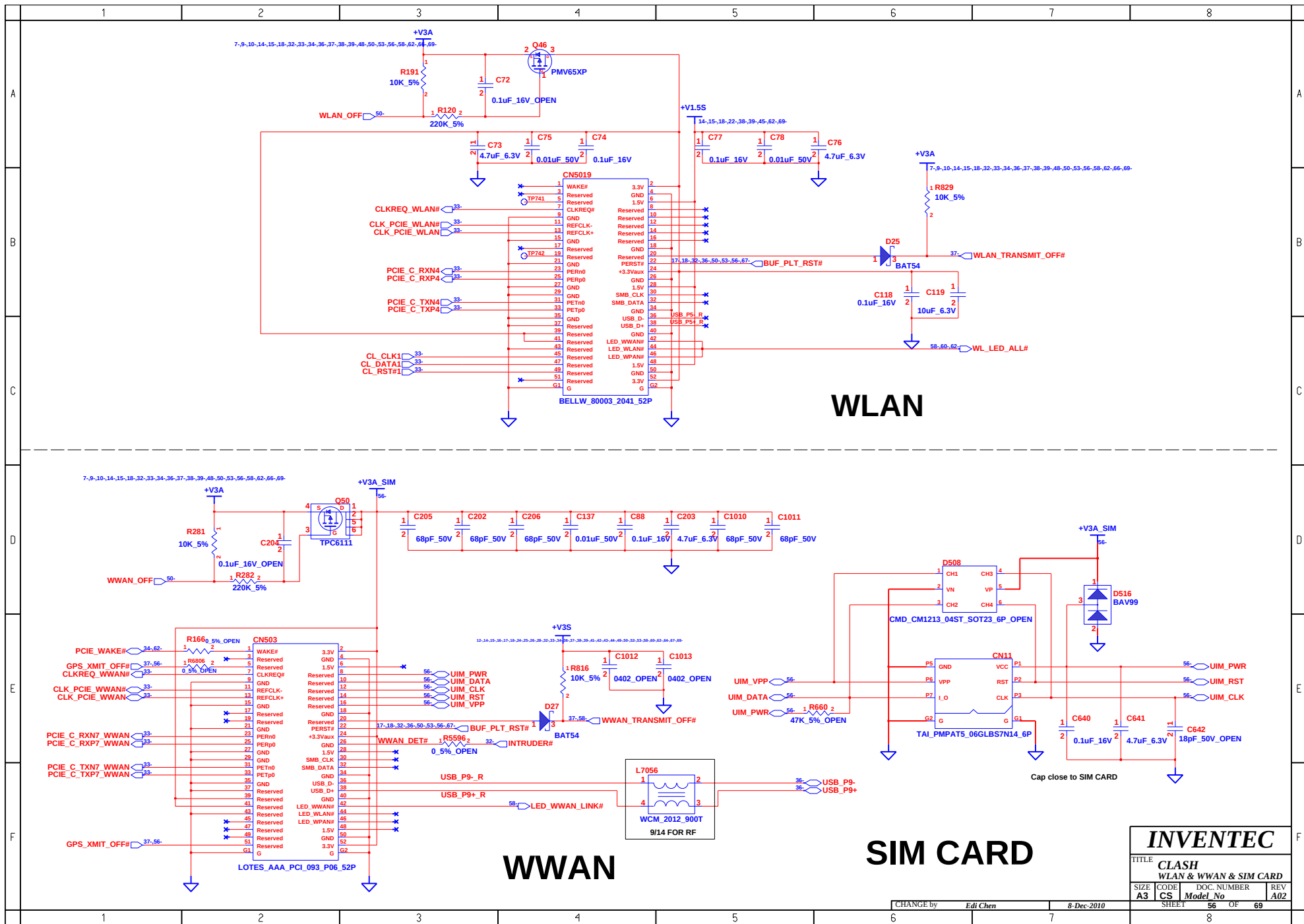
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SIZE A3	CODE CS	DOC. NUMBER <i>Model_No</i>	REV A02
SHEET		51	OF 69

CHANGE by *Edi Chen* 8-Dec-2010









WLAN

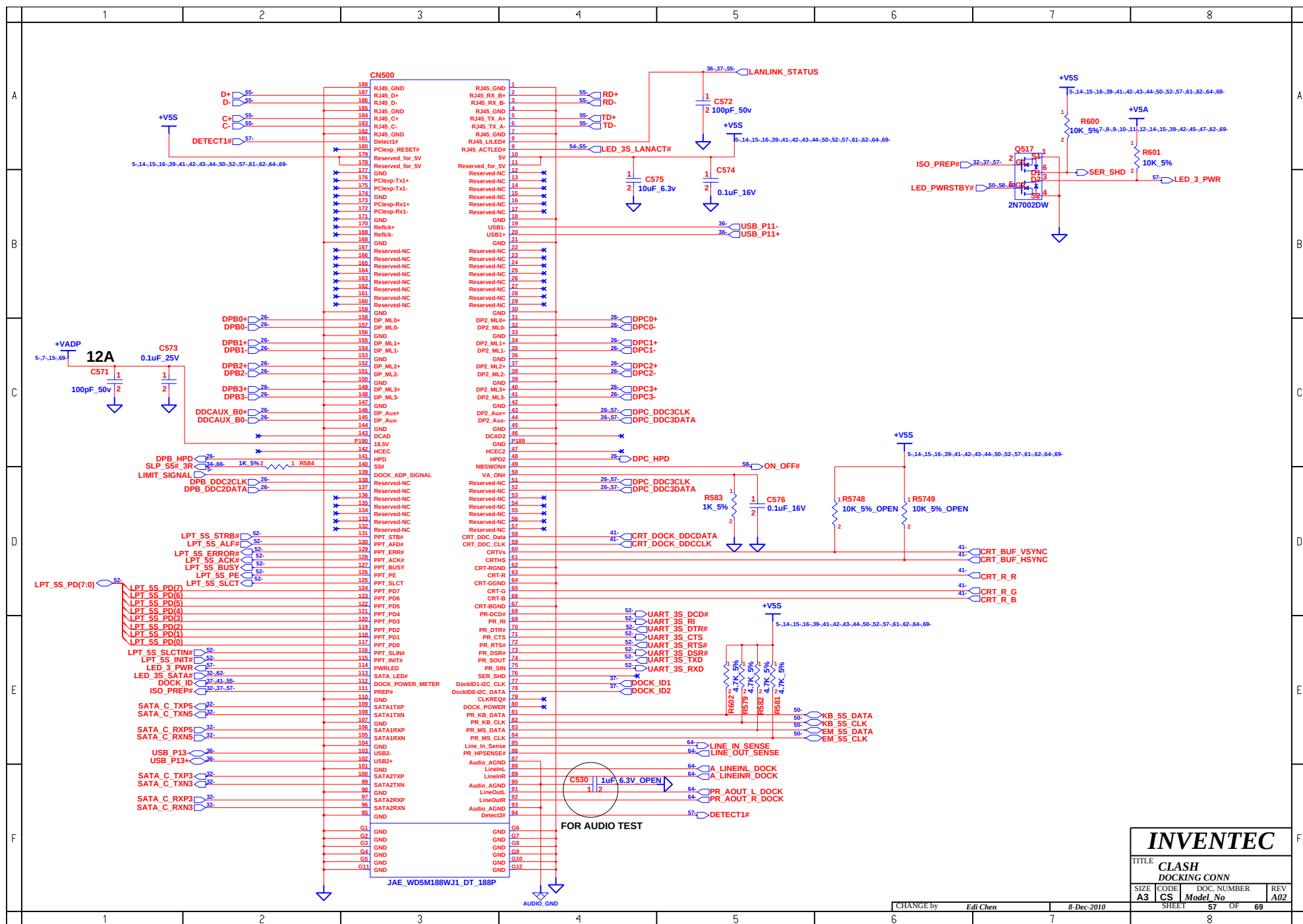
WWAN

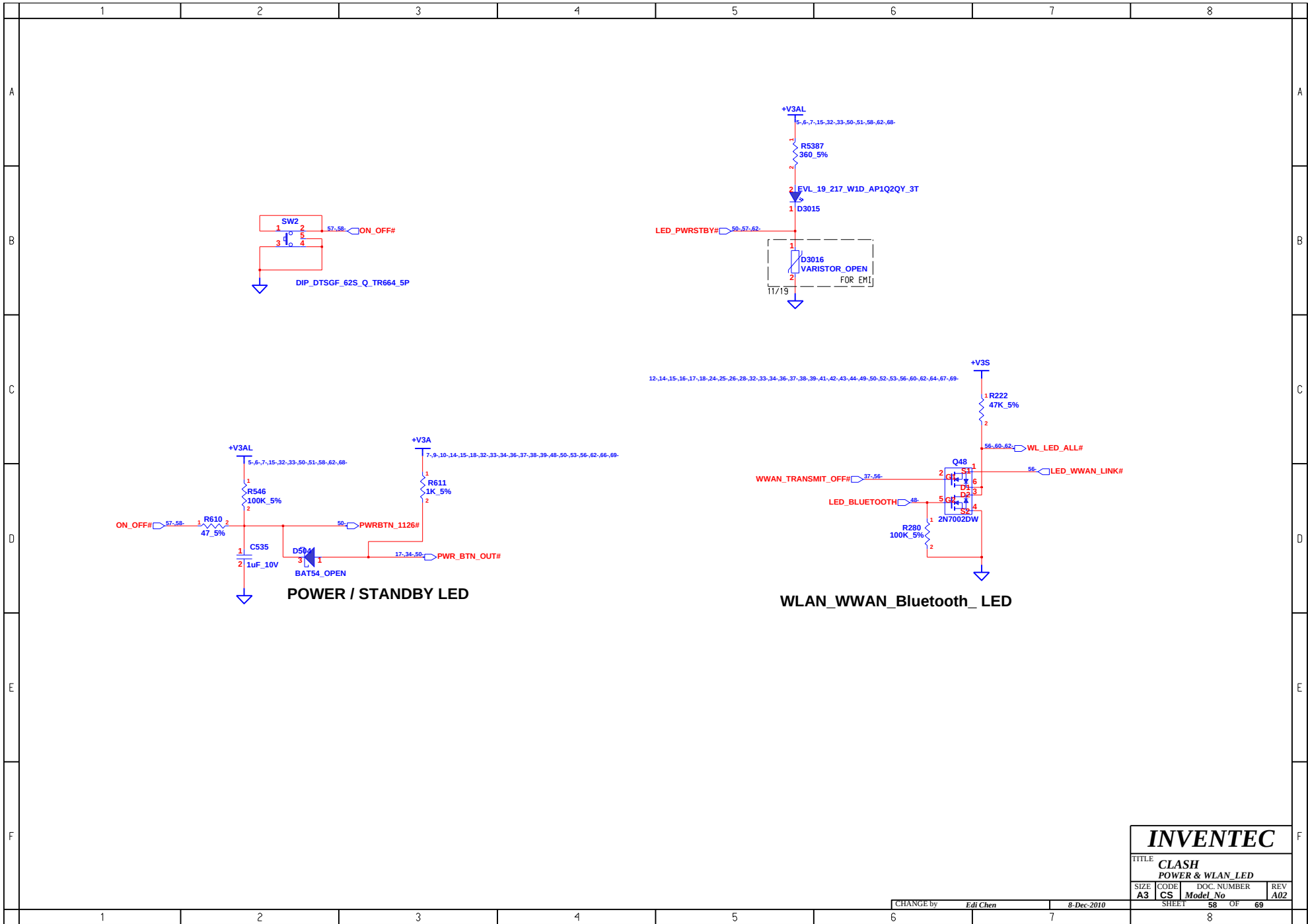
SIM CARD

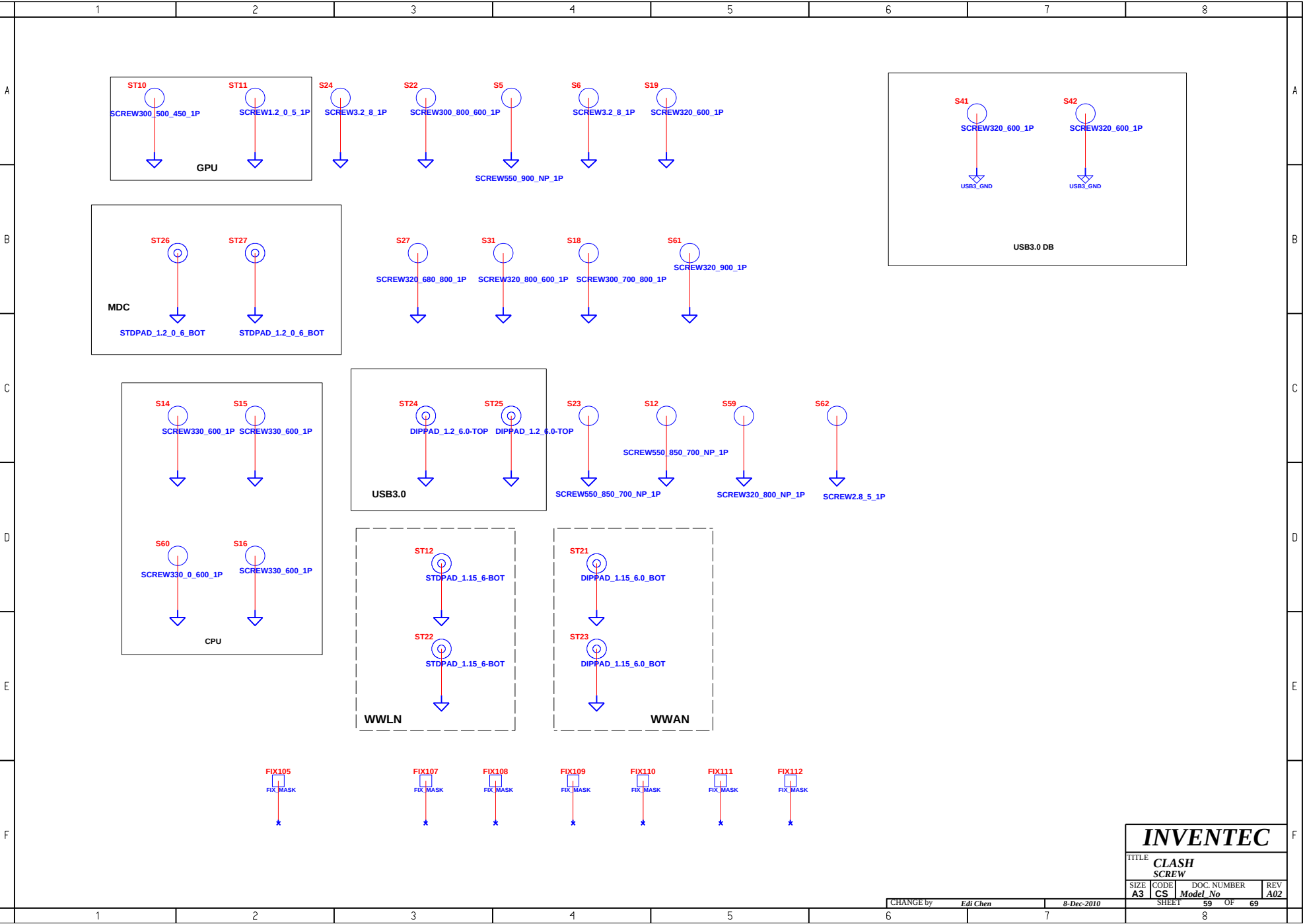
INVENTEC

TITLE			
CLASH			
WLAN & WWAN & SIM CARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by		Edi Chen	8-Dec-2010
SHEET	56	OF	69





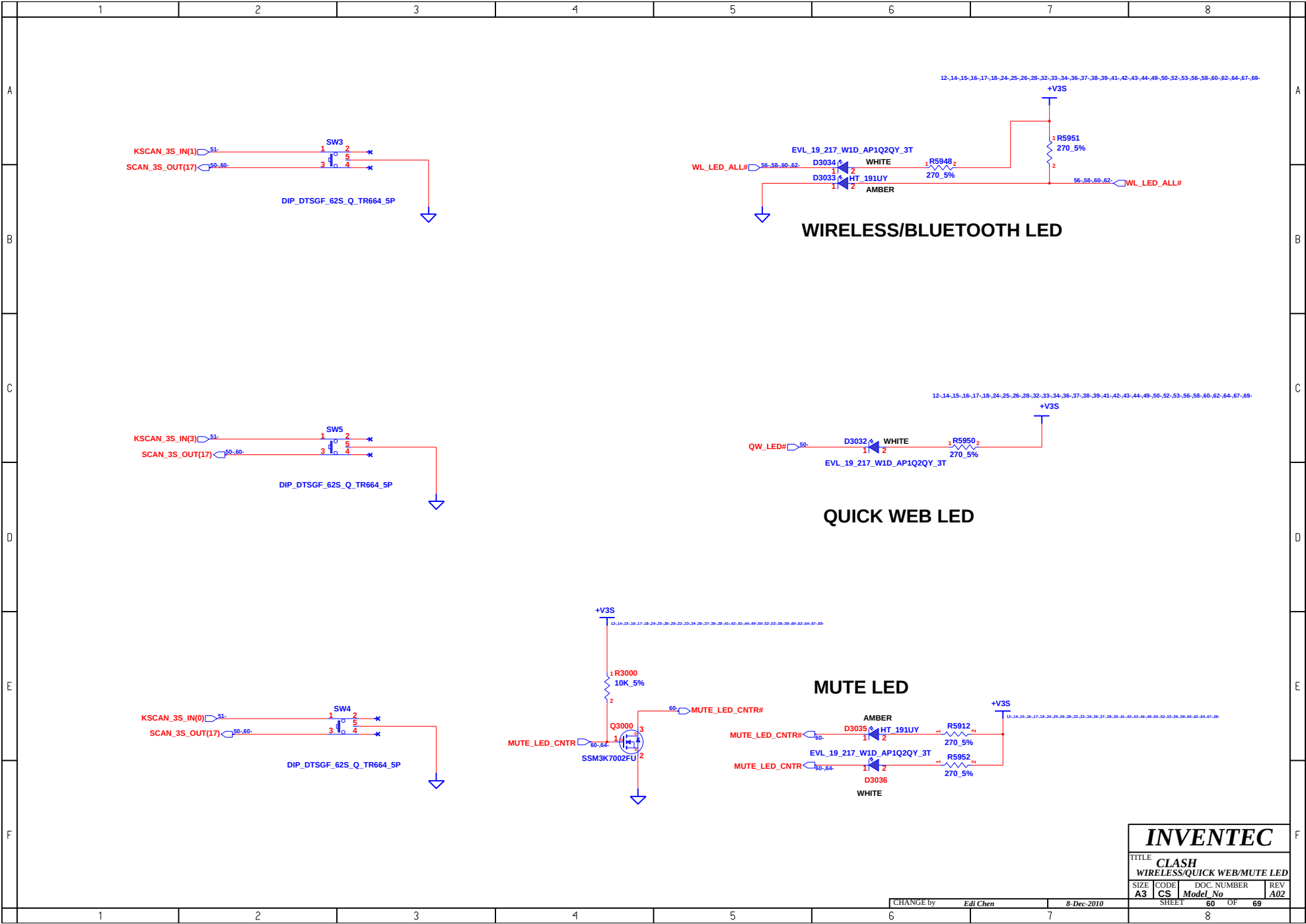


INVENTEC

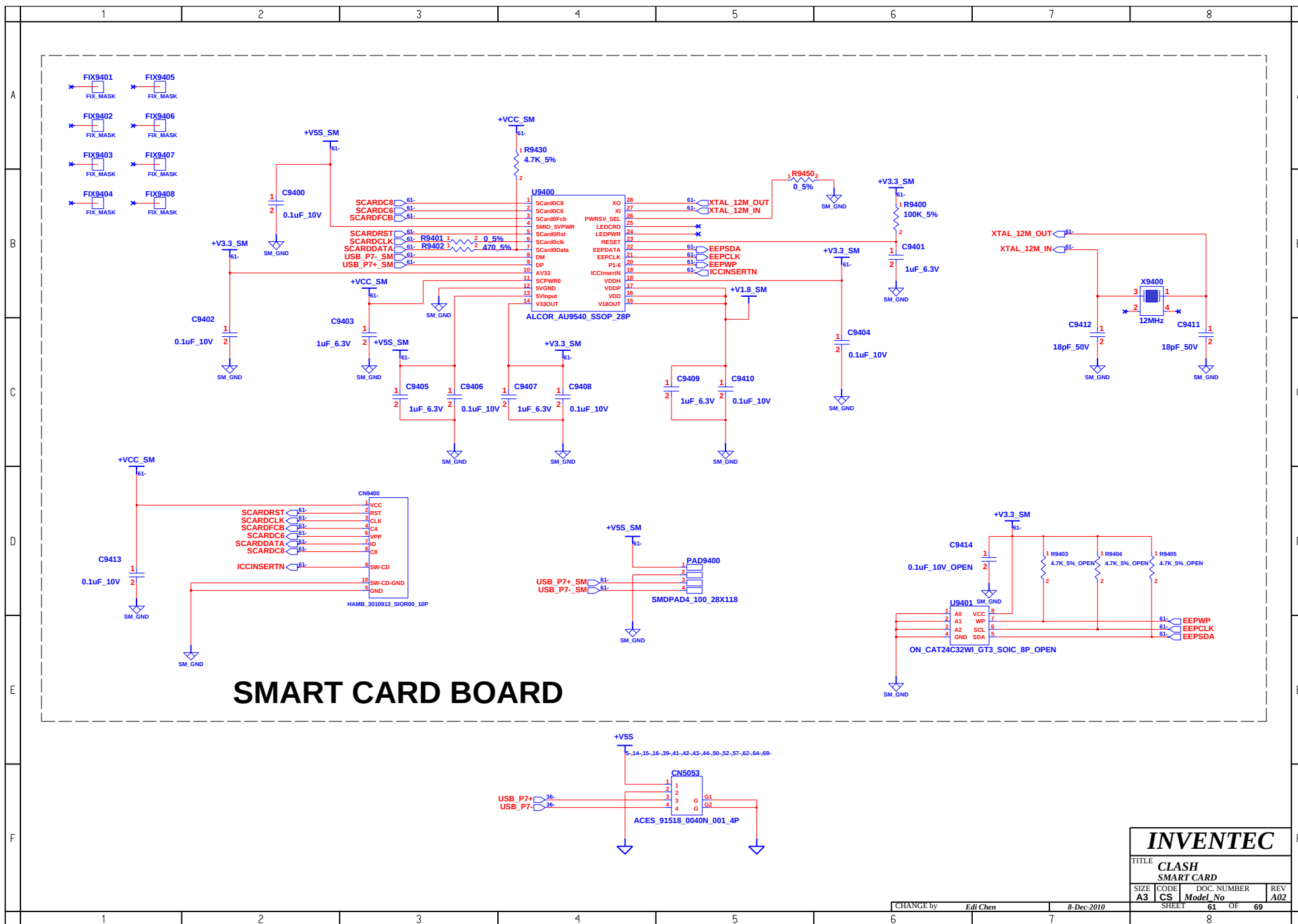
TITLE CLASH SCREW			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

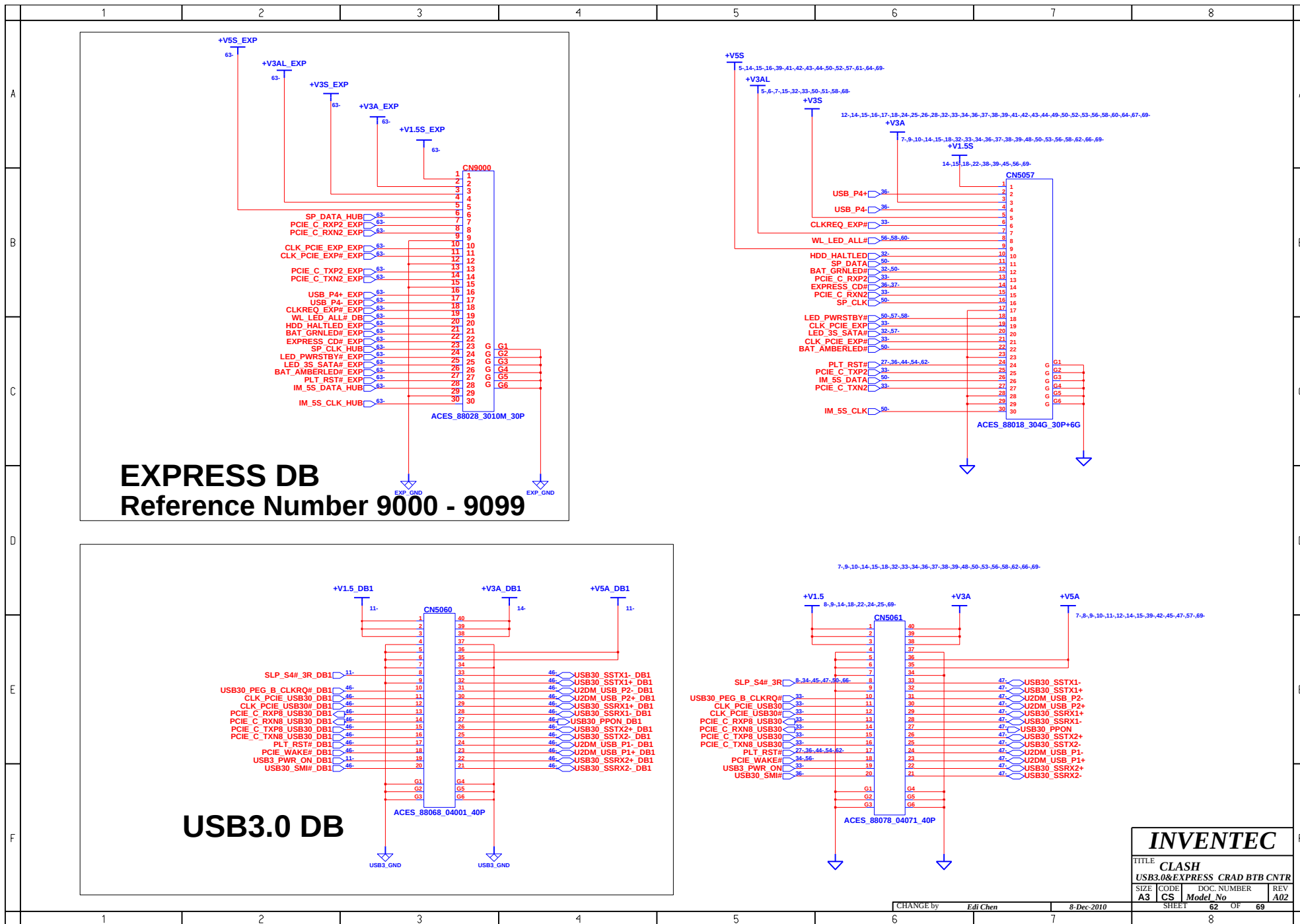
CHANGE by: *Edi Chen* 8-Dec-2010

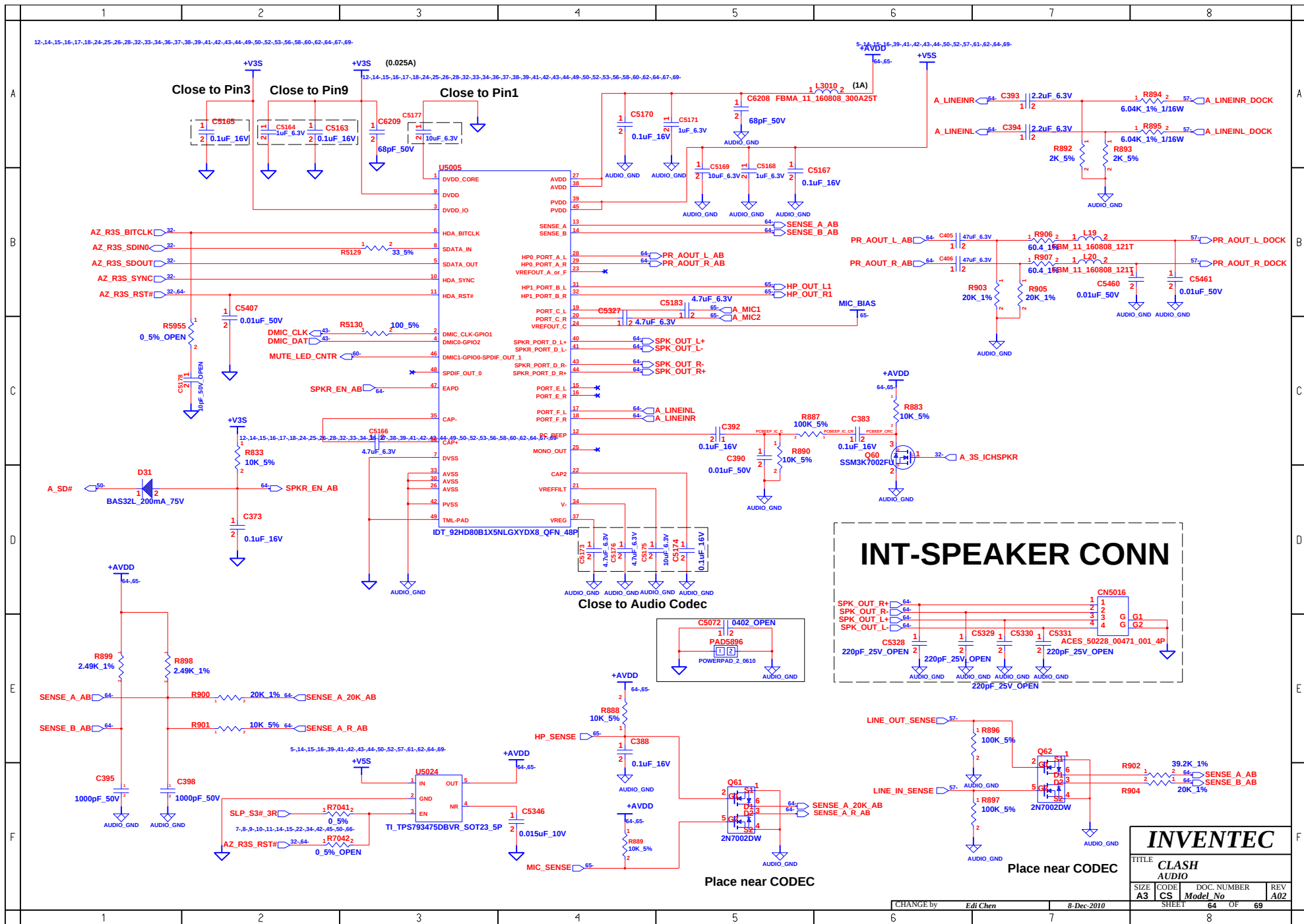
SHEET 59 OF 69

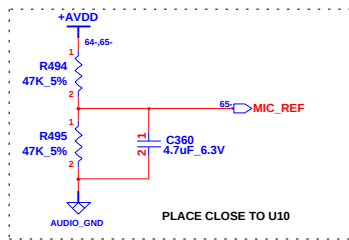
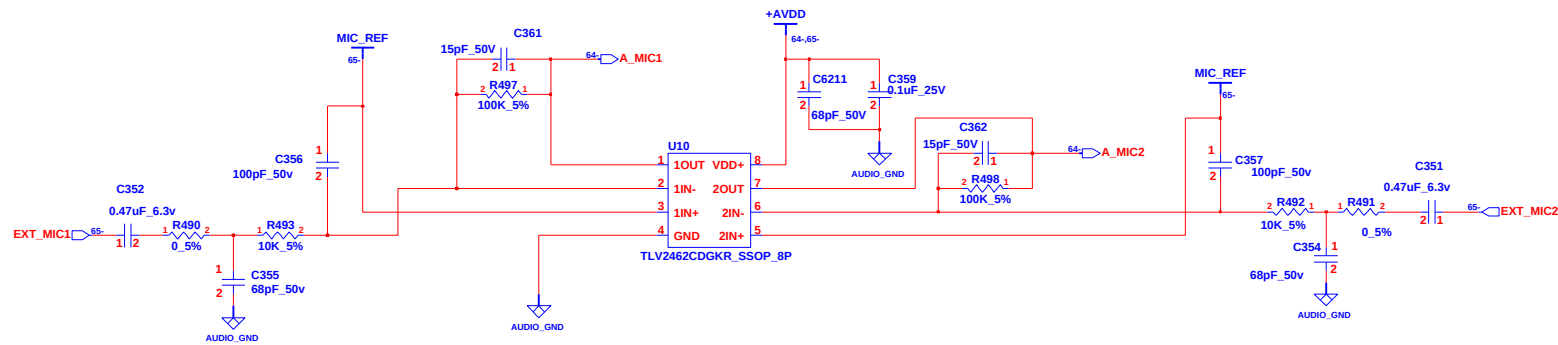


INVENTEC			
TITLE CLASH WIRELESS/QUICK WEB/MUTE LED			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by Edi Chen		8-Dec-2010	
SHEET 60		OF 69	

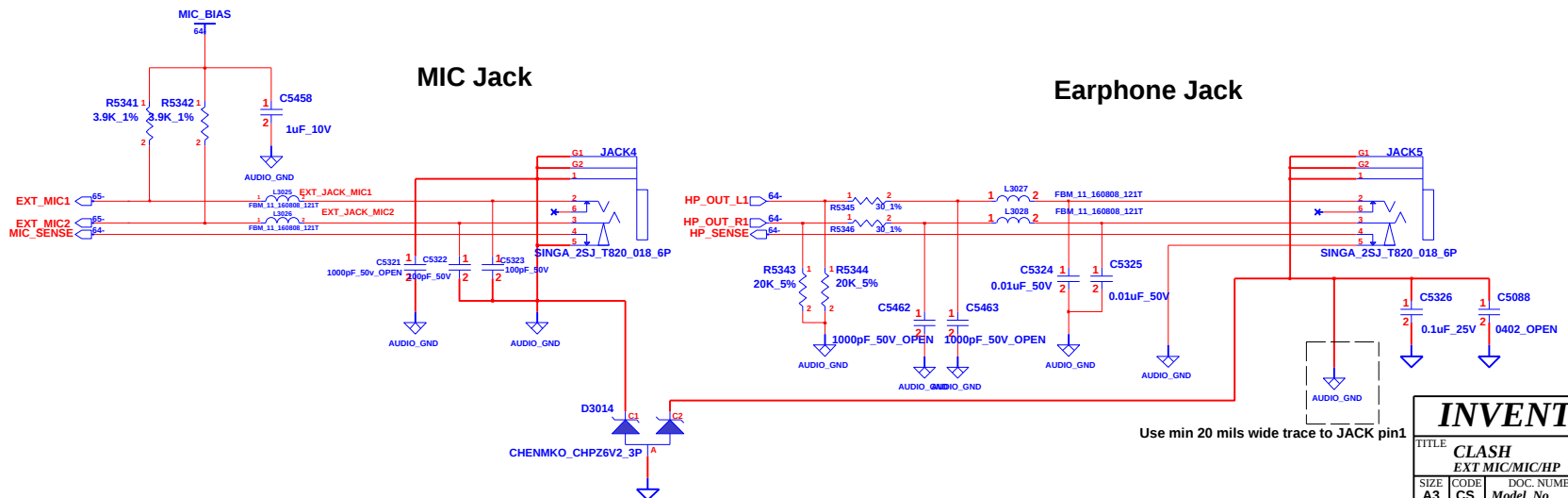








EXT. MIC



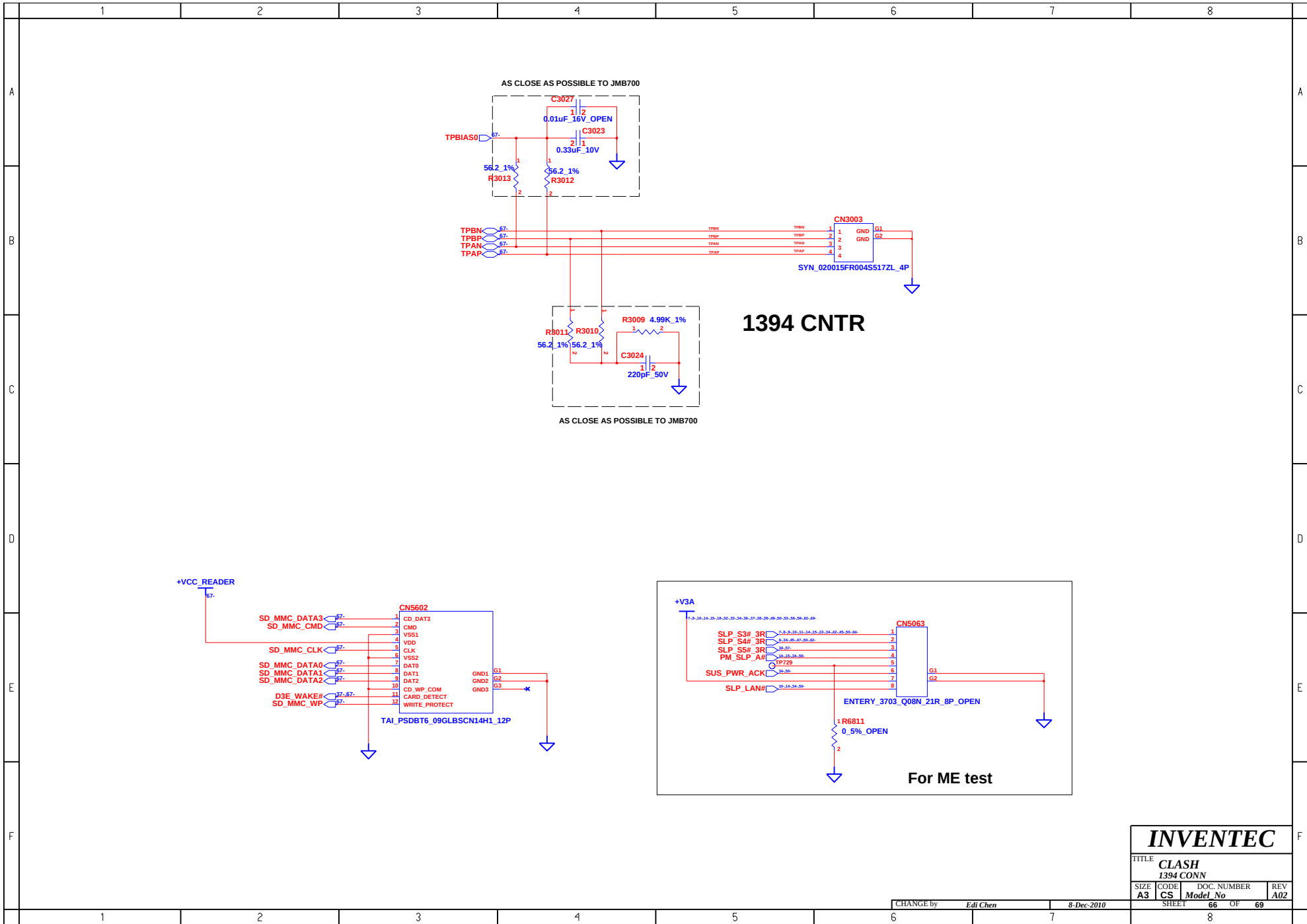
Use min 20 mils wide trace to JACK pin1

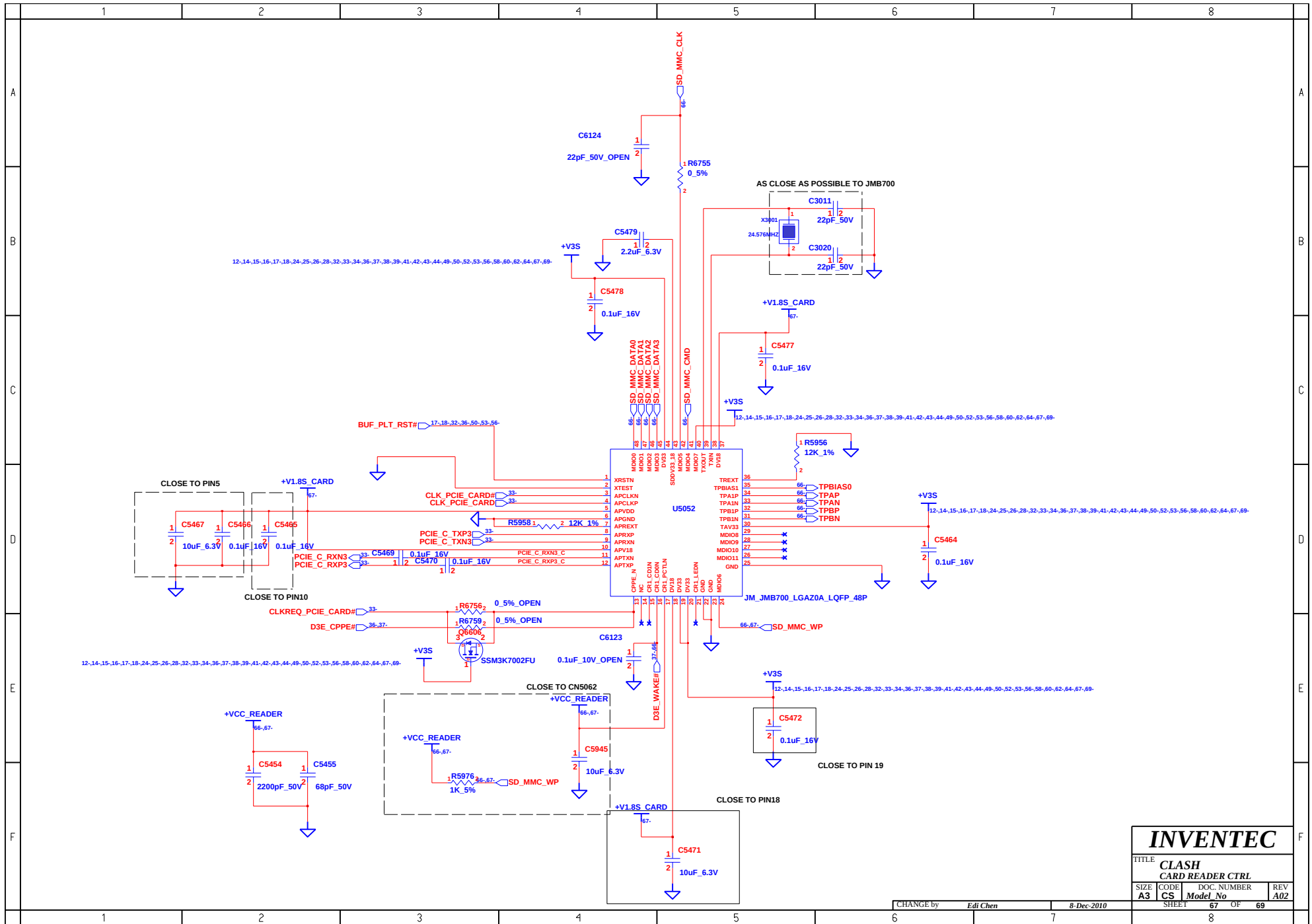
INVENTEC

TITLE CLASH EXT MIC/MIC/HP			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 65		OF 69	

CHANGE by *Edi Chen* 8-Dec-2010

8

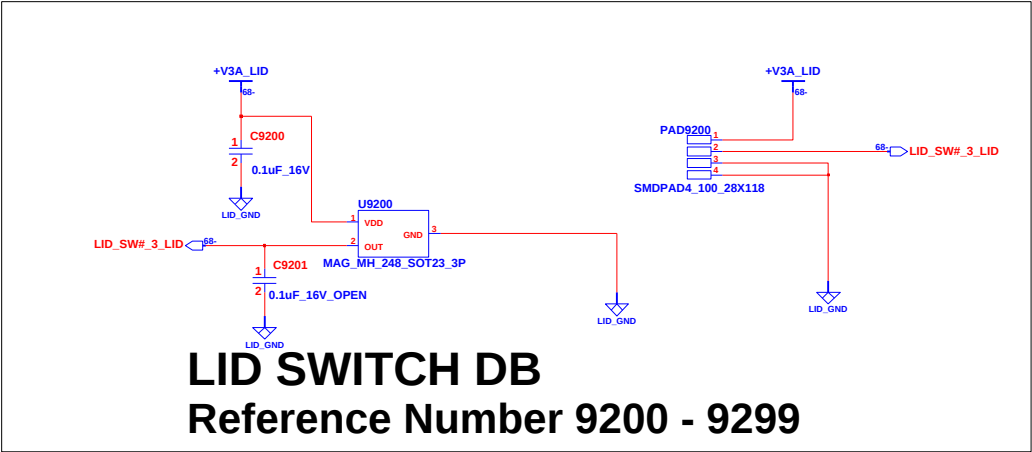




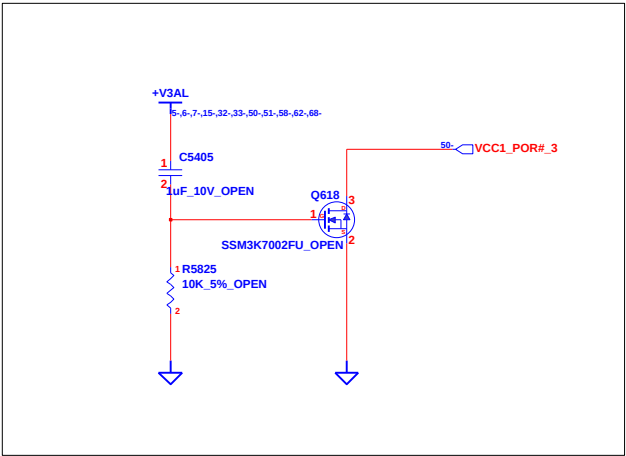
INVENTEC

TITLE			
CLASH CARD READER CTRL			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		OF	69
67		OF	69

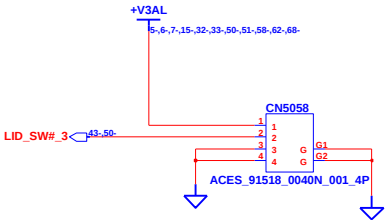
CHANGE by *Edi Chen* 8-Dec-2010



LID SWITCH DB
Reference Number 9200 - 9299



CLOSE TO KBC



INVENTEC

TITLE			
CLASH			
LID SWITCH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by Edt Chen 8-Dec-2010

SHEET 68 OF 69

