



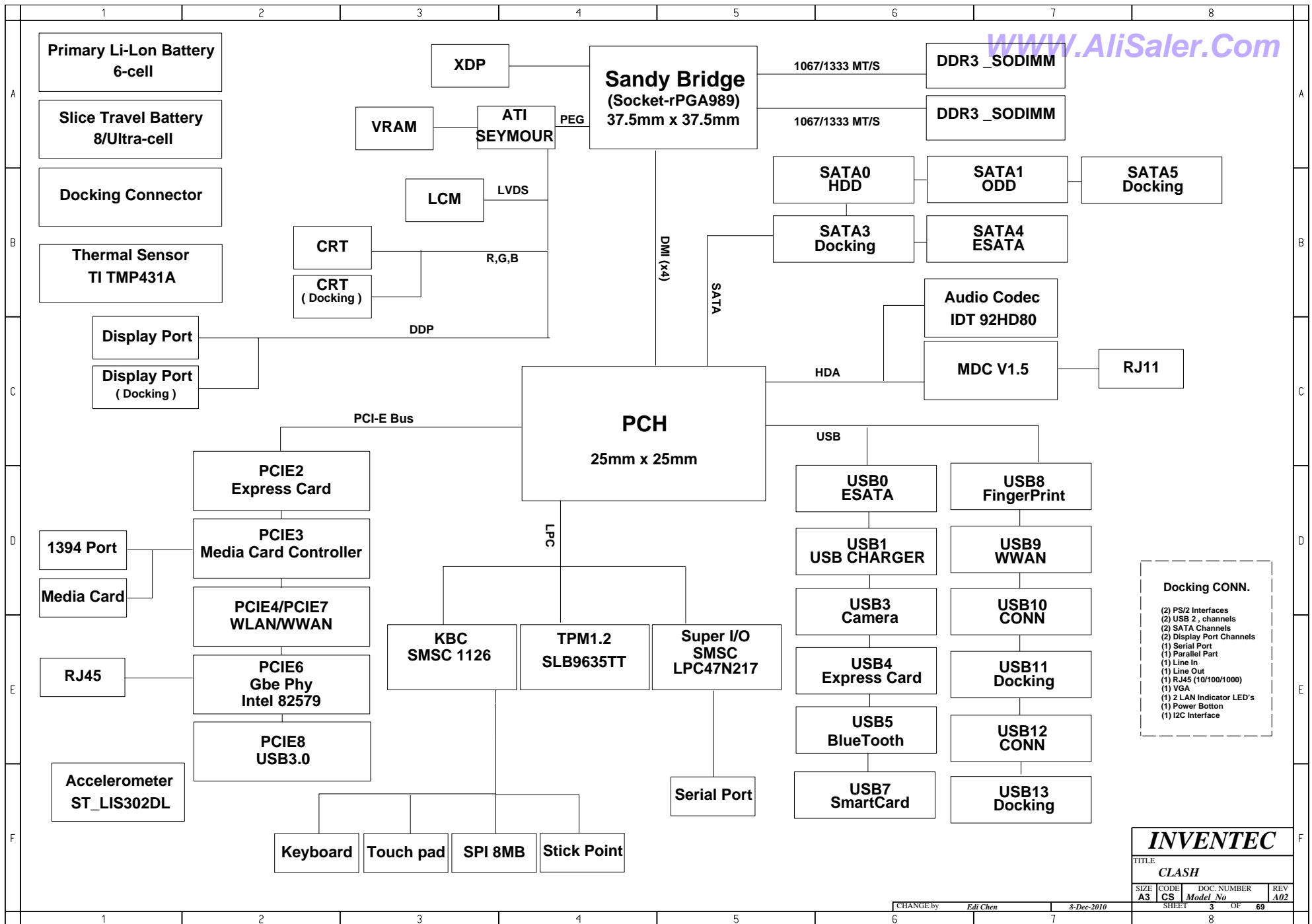
TABLE OF CONTENTS

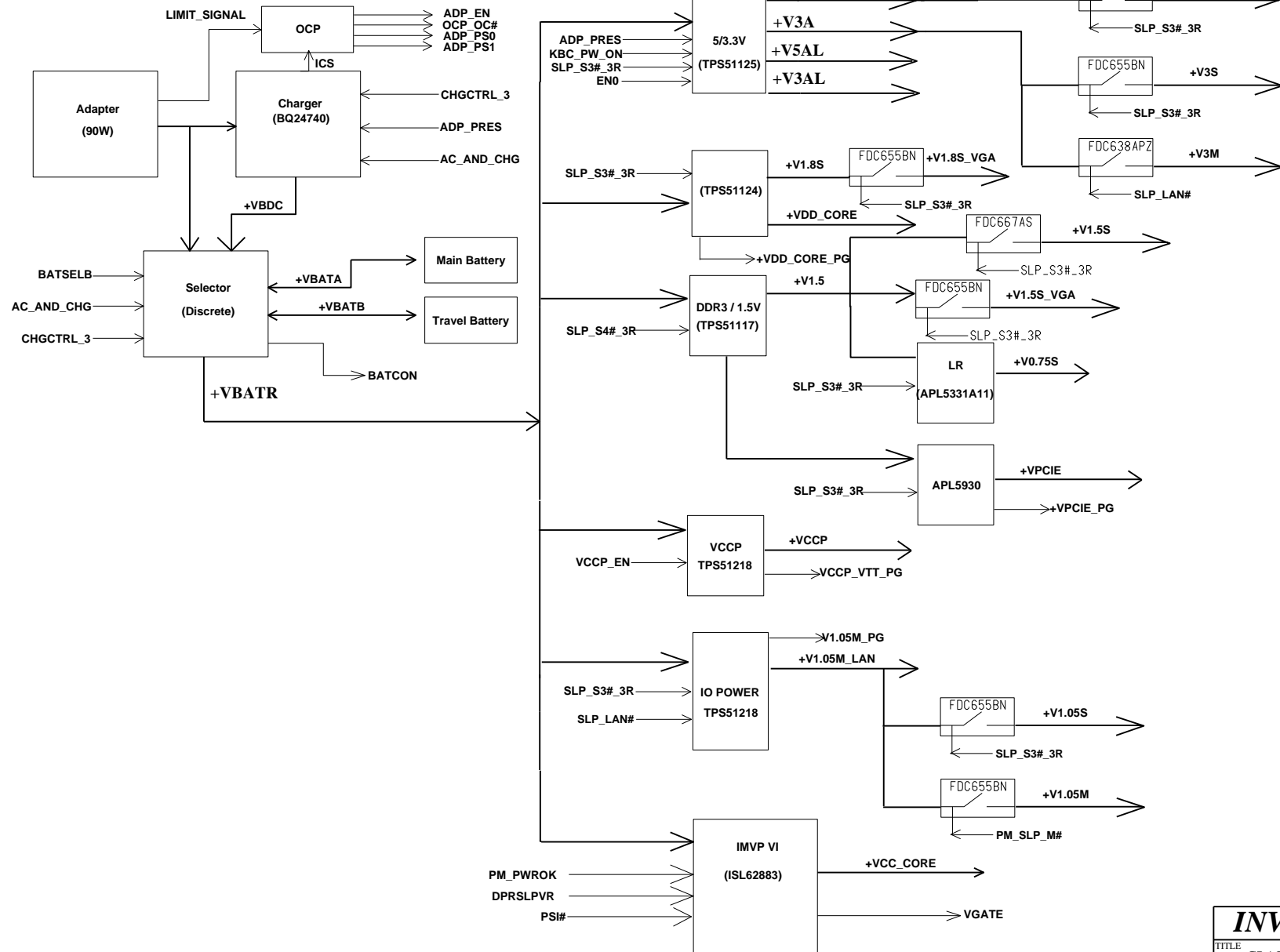
5- DC& BATTERY CHARGER	32- PCH1	61- SMART CARD
6- SELECT & BATTERY CONN	33- PCH2	62- EXPRESS CARD
7- SYSTEM POWER(+V3A/+V5A)	34- PCH3	63- EXPRESS CARD
8- SYSTEM POWER(+V1.5/+V0.75/M_REF)	35- PCH4	64- AUDIO
9- G_POWER(+VDD_CORE/+V1.8S/TURBO)	36- PCH5	65- EXT MIC/MIC/HP
10- SYSTEM POWER(+VCCP/+V1.05M_LAN)	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	
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21- SANDY BRIDGE3	48- BLUE TOOTH & FINGER PRINTER CNTR	
22- SANDY BRIDGE5	49- ACCELEMETOR	
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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**

TITLE			
CLASH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		2	OF 69

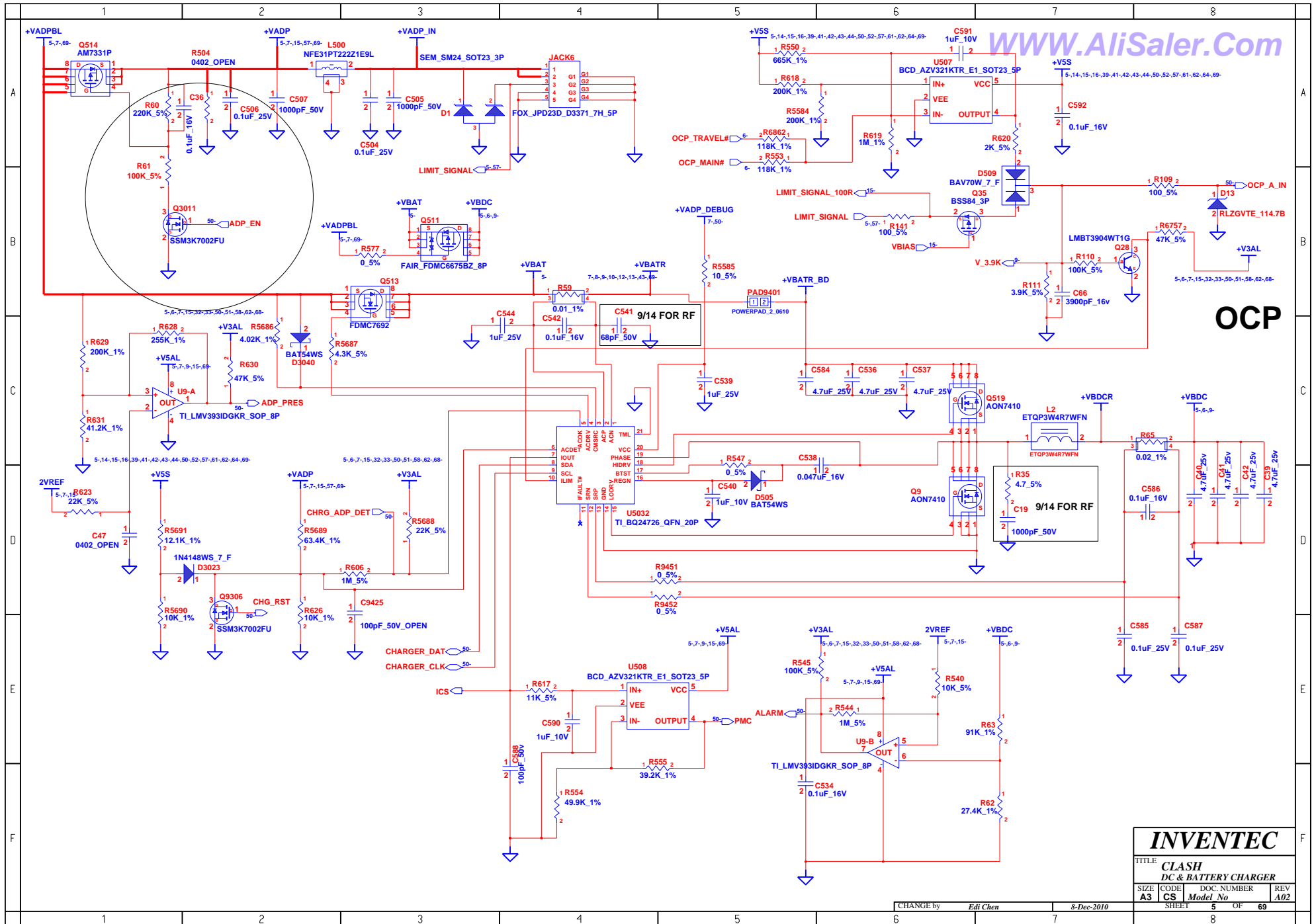
CHANGE by *Edi Chen* 8-Dec-2010

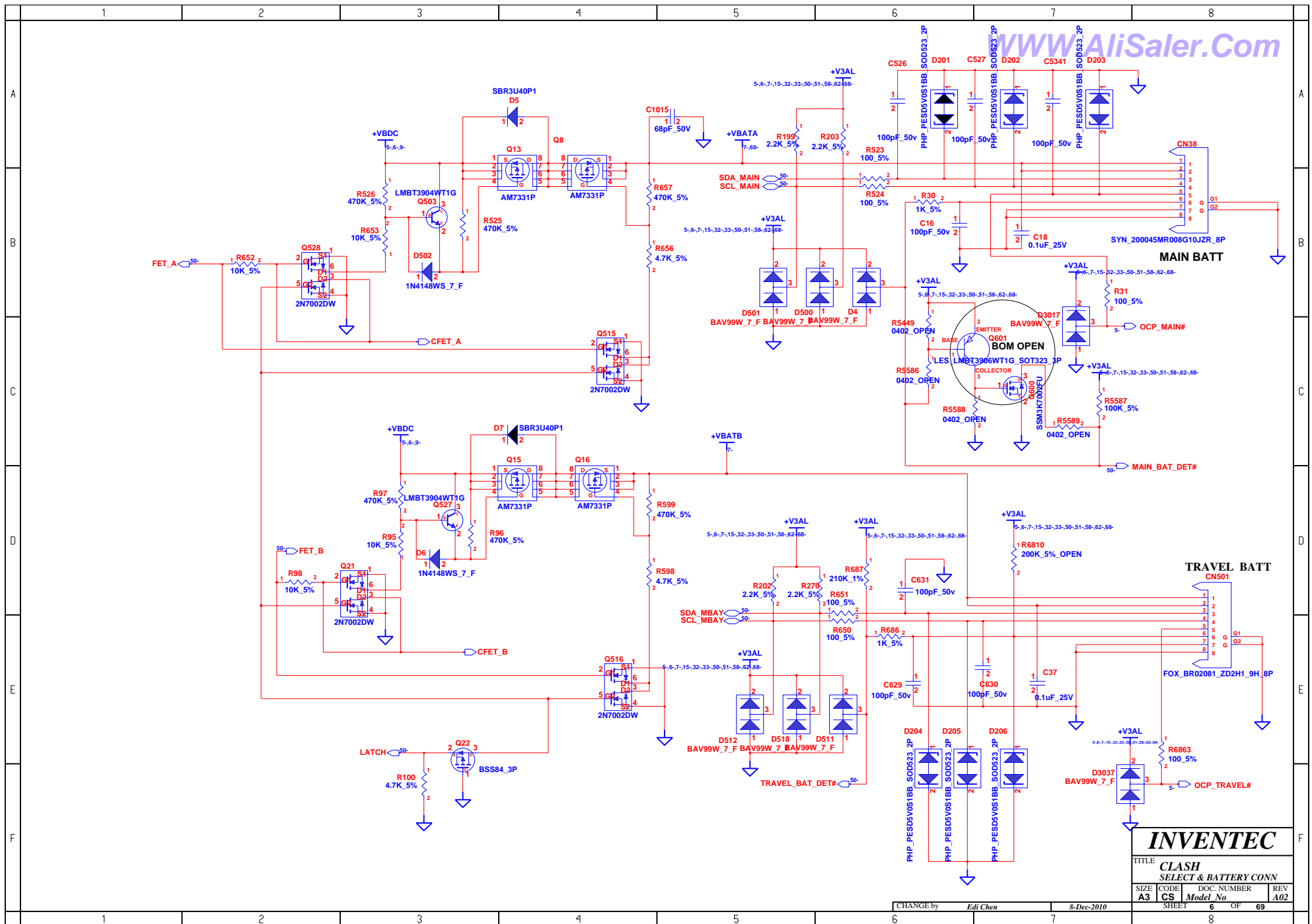




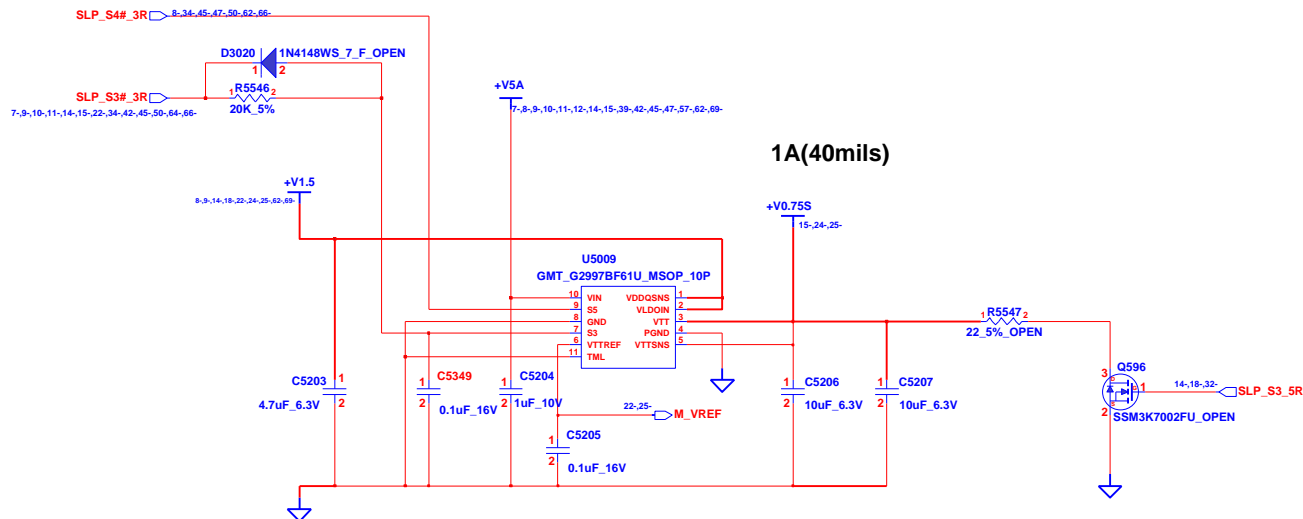
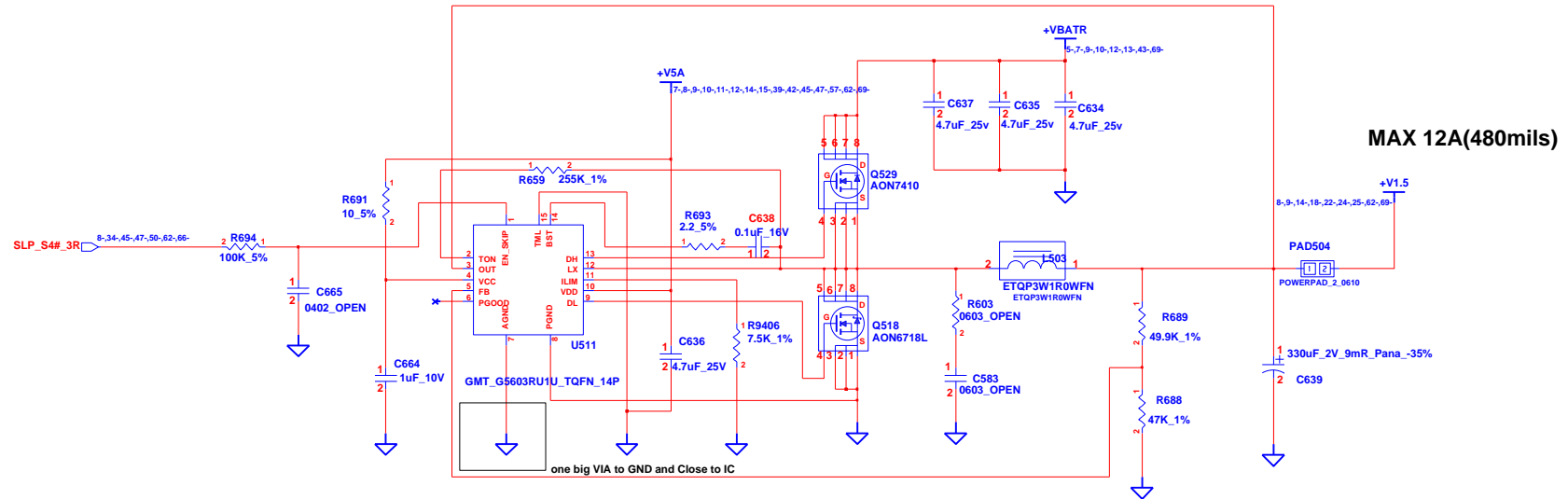
INVENTEC			
TITLE			
CLASH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		4	OF 69

CHANGE by *Edi Chen* 8-Dec-2010









NOTE: DDR3 REGULATOR

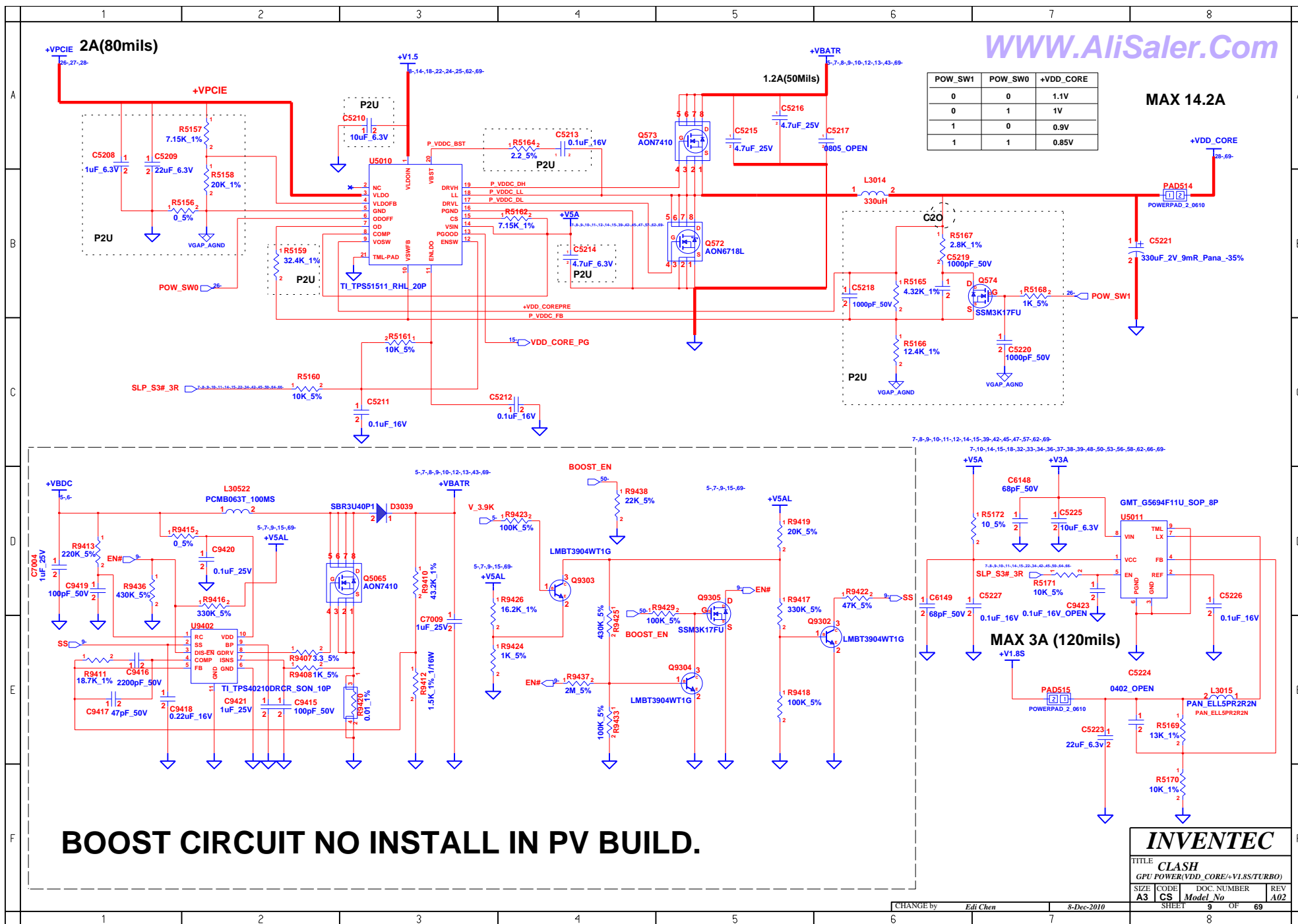
**INVENTEC**

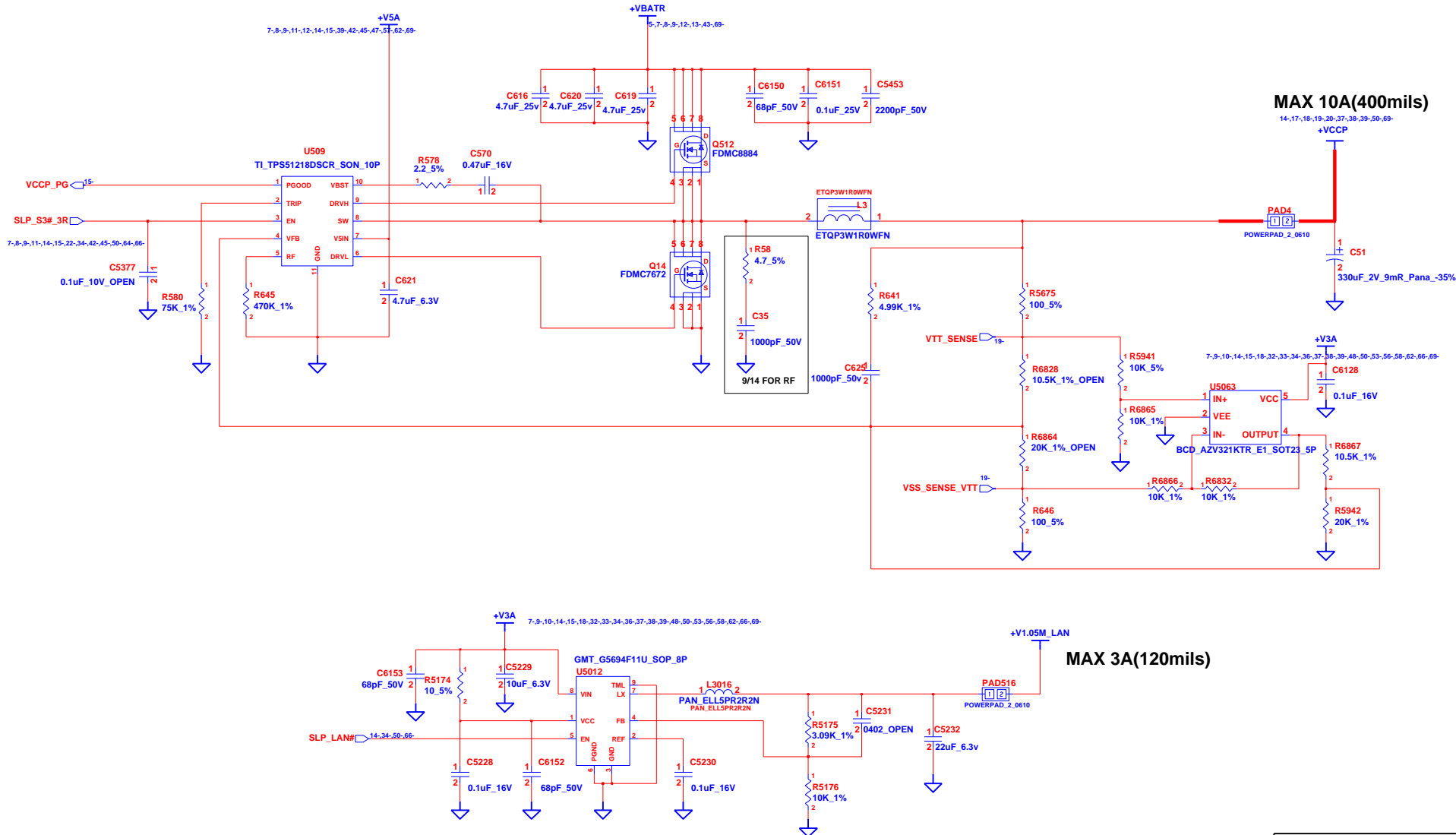
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CLASH			
SYSTEM POWER(+V1.5/MREF)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

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

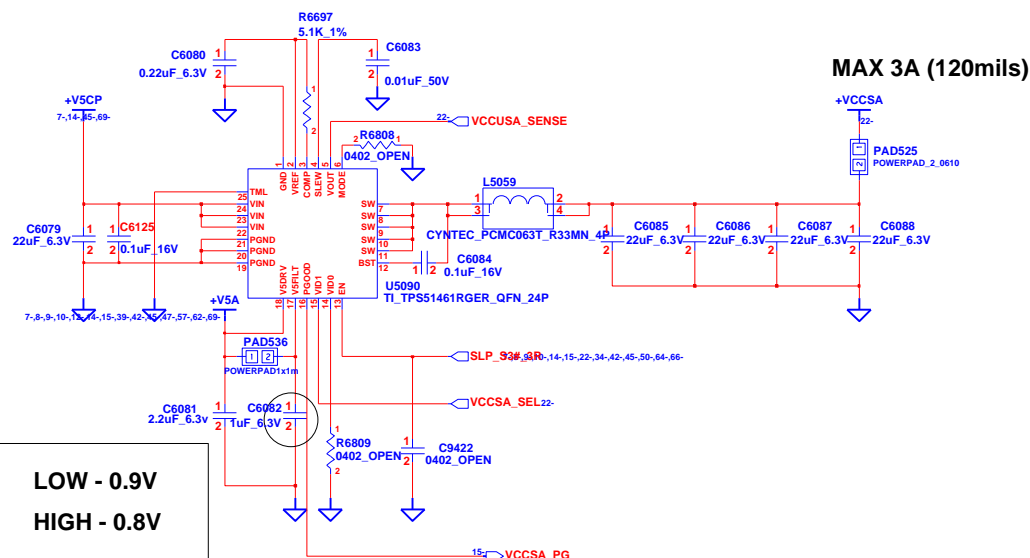
SHEET 8 OF 69



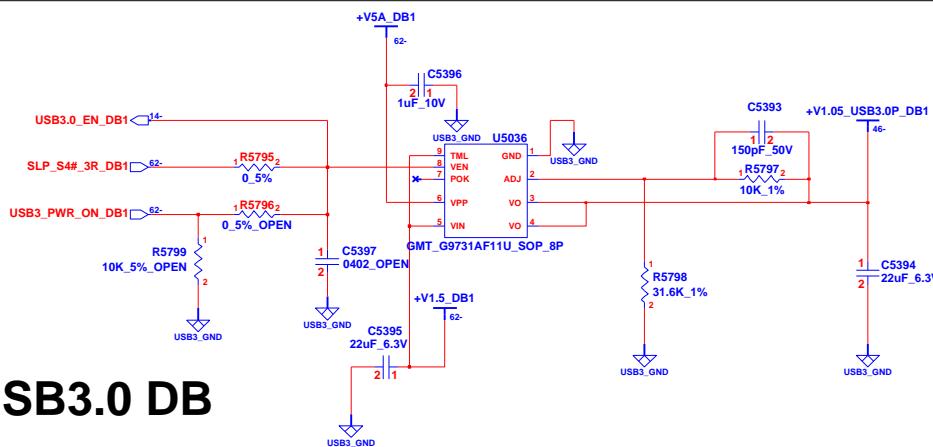




INVENTEC			
TITLE CLASH			
SYSTEM POWER(+VCCP/+V1.05M_LAN)			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by		8-Dec-2010	
Edi Chen			
SHEET 10		OF 69	



## USB3.0 DB

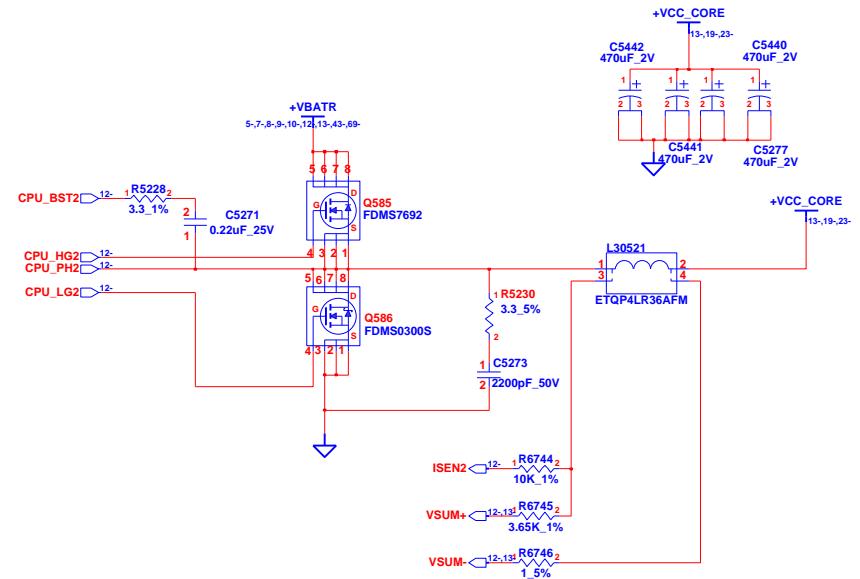
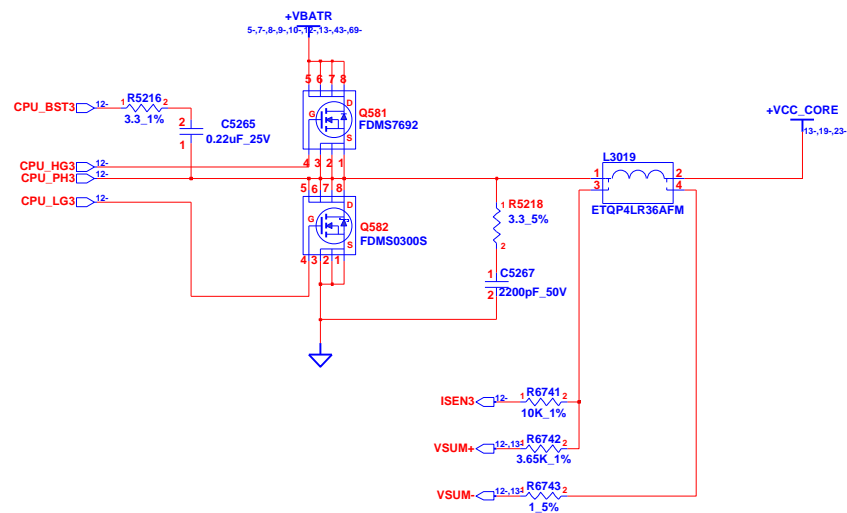
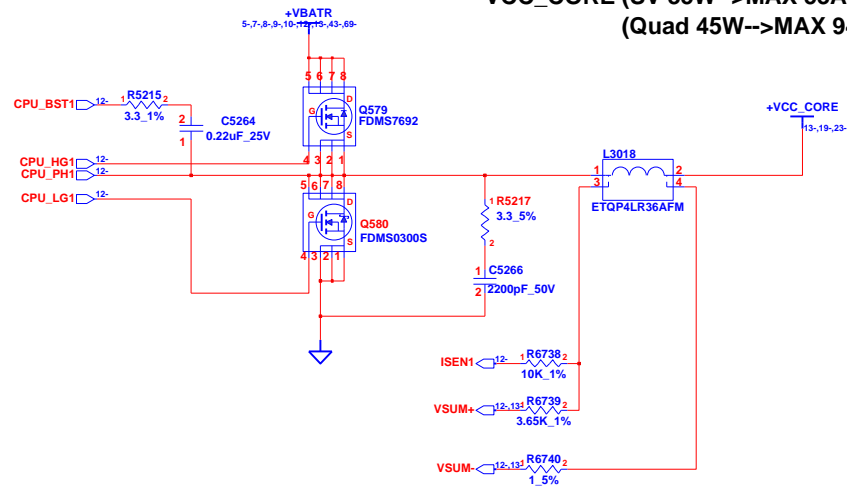


## INVENTEC

TITLE: <b>CLASH</b>			
CPU POWER(VCC_SA/V1.05_USB30)			
SIZE: <b>A3</b>	CODE: <b>CS</b>	DOC. NUMBER: <b>Model No</b>	REV: <b>A02</b>
SHEET: <b>11</b>		OF: <b>69</b>	



# VCC\_CORE (SV 35W-->MAX 53A) (Quad 45W-->MAX 94A)

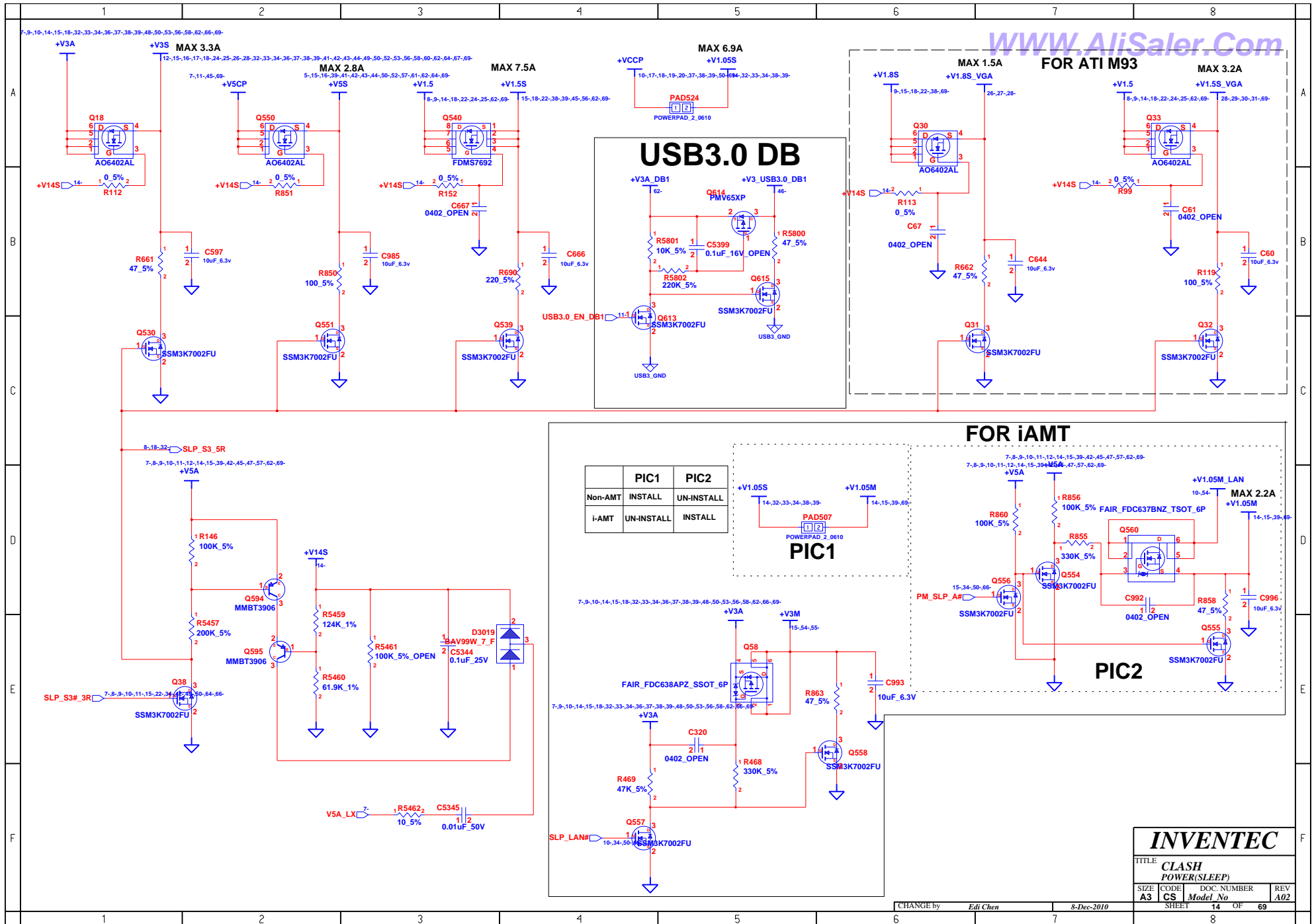


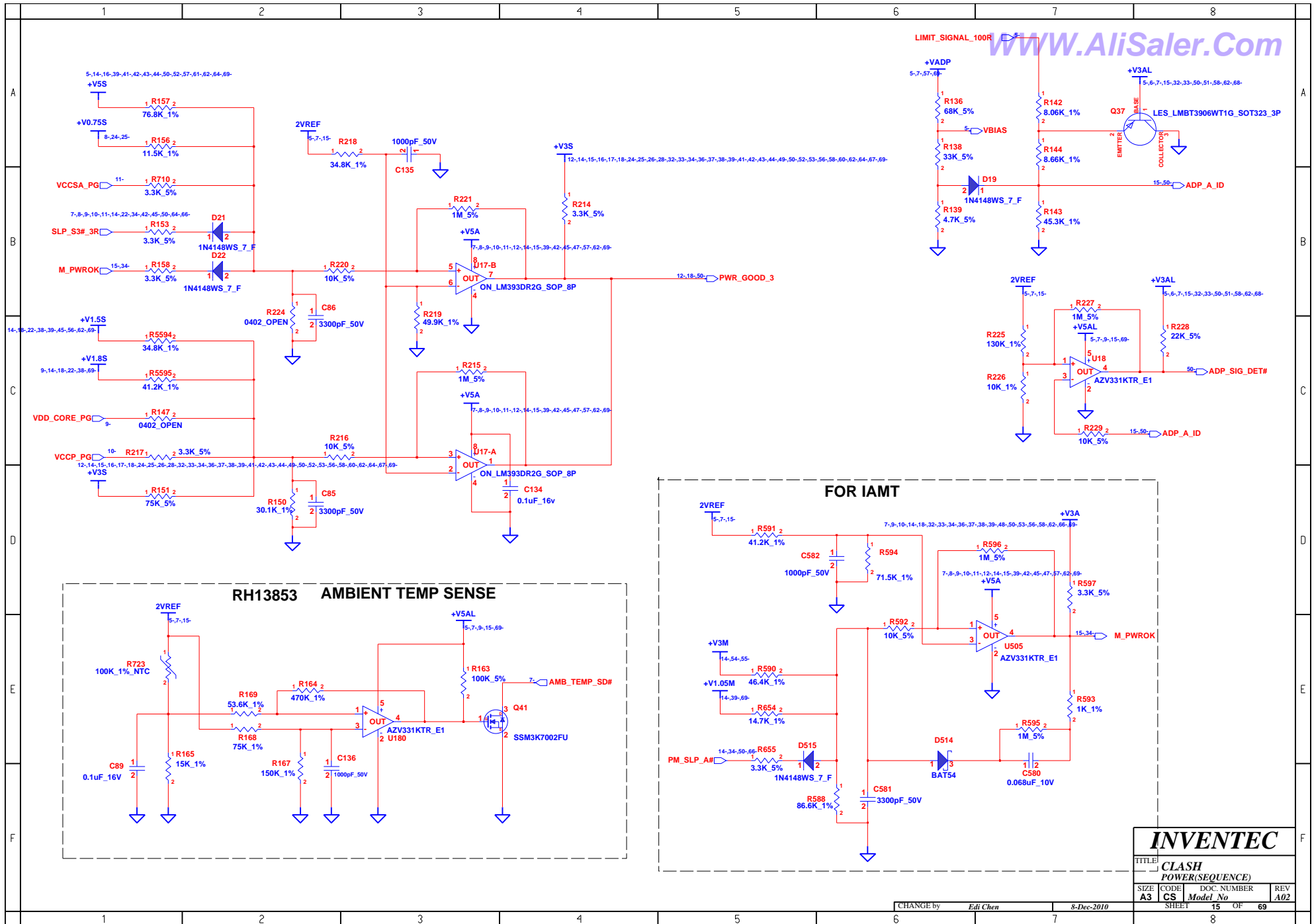
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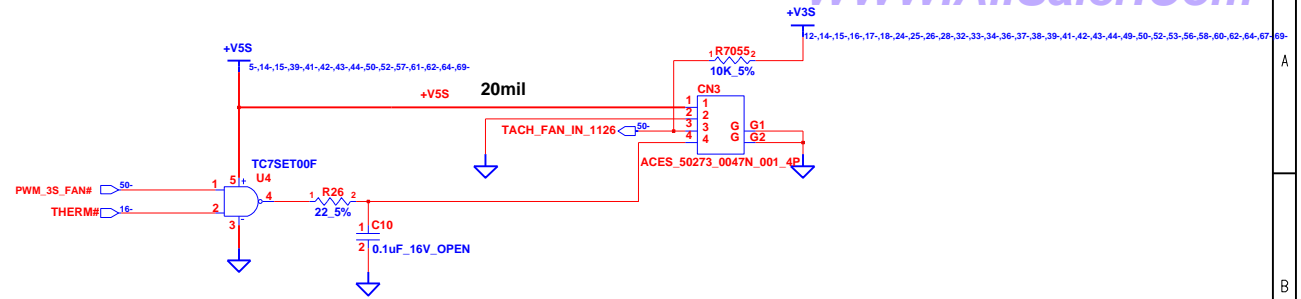
TITLE			
CLASH			
CPU POWER(+VCC_CORE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by Edt Chen 8-Dec-2010

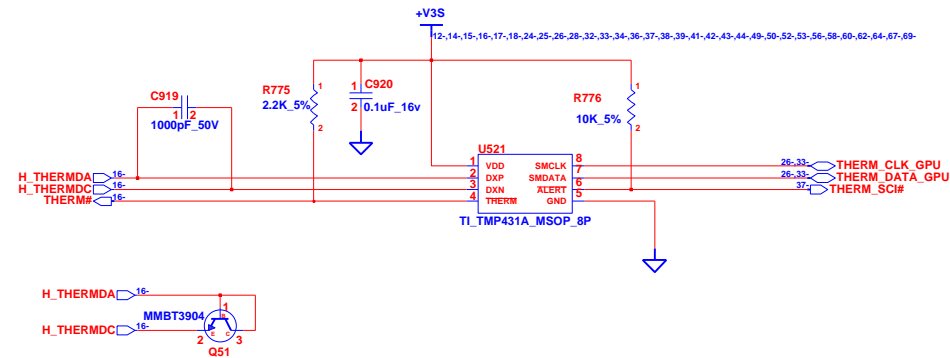
SHEET 13 OF 69



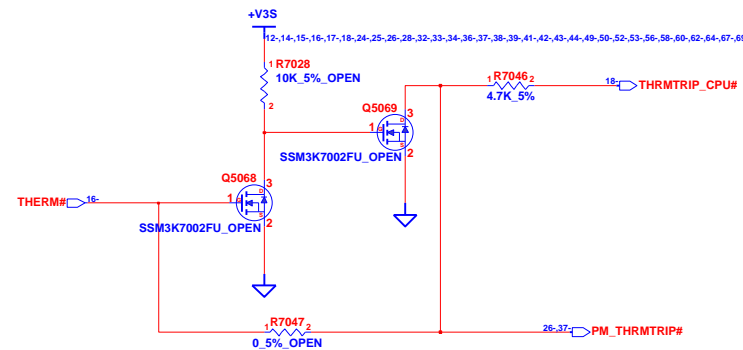




## FAN



## THERM SENSOR



**INVENTEC**

TITLE: <b>CLASH</b>			
THERMAL & FAN CONTROLLER			
SIZE: <b>A3</b>	CODE: <b>CS</b>	DOC. NUMBER: <b>Model No</b>	REV: <b>A02</b>
SHEET: <b>16</b>		OF: <b>69</b>	

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



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**CPU XDP CONNECTOR**

**PCH XDP CONNECTOR**

TITLE: **CLASH  
XDP CONN**

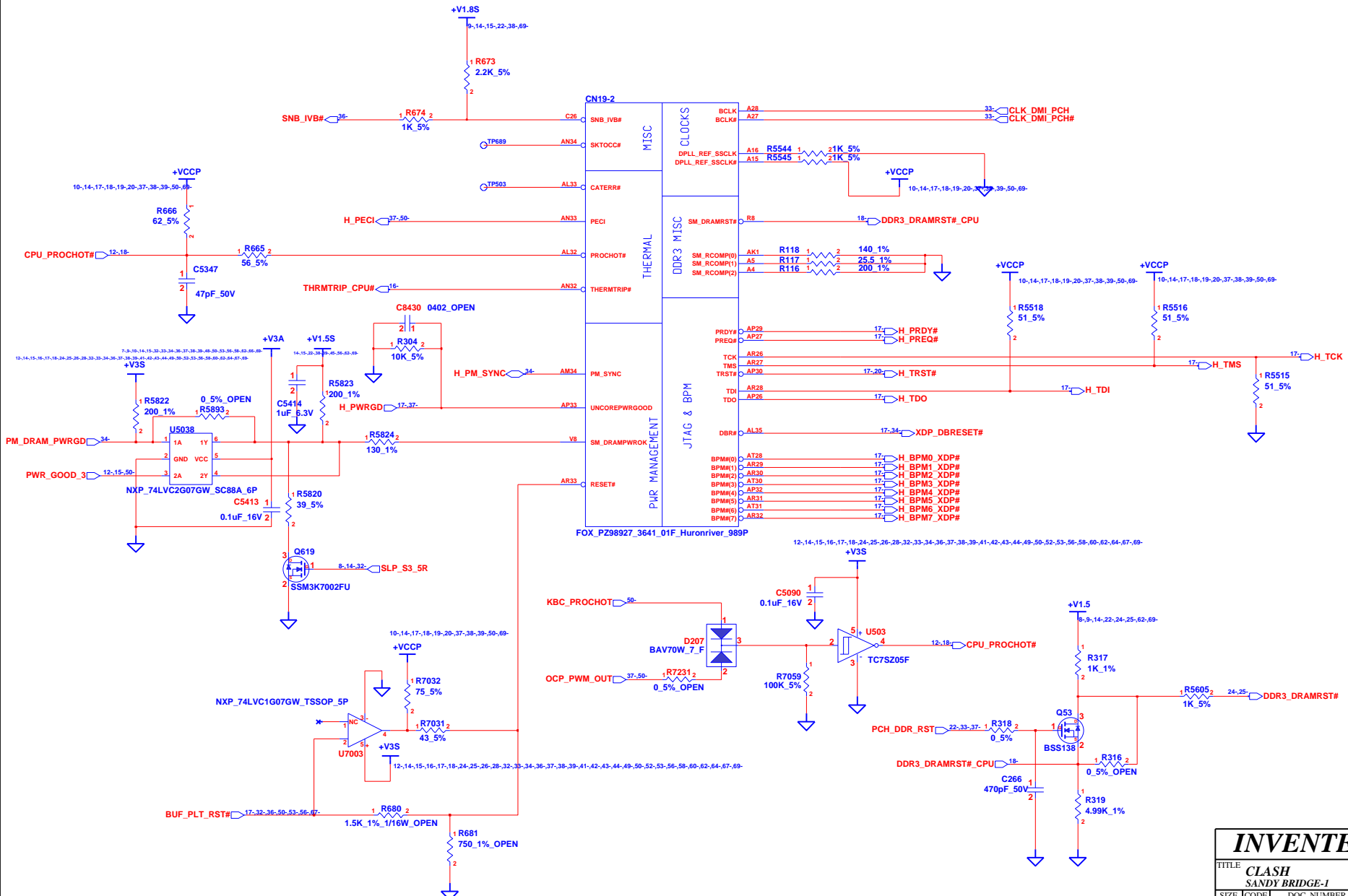
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by: Edi Chen		8-Dec-2010	SHEET 17 OF 69

**CPU XDP CONNECTOR**

**PCH XDP CONNECTOR**

INVENTEC			
TITLE CLASH XDP CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Edi Chen	8-Dec-2010
SHEET	17	OF	69

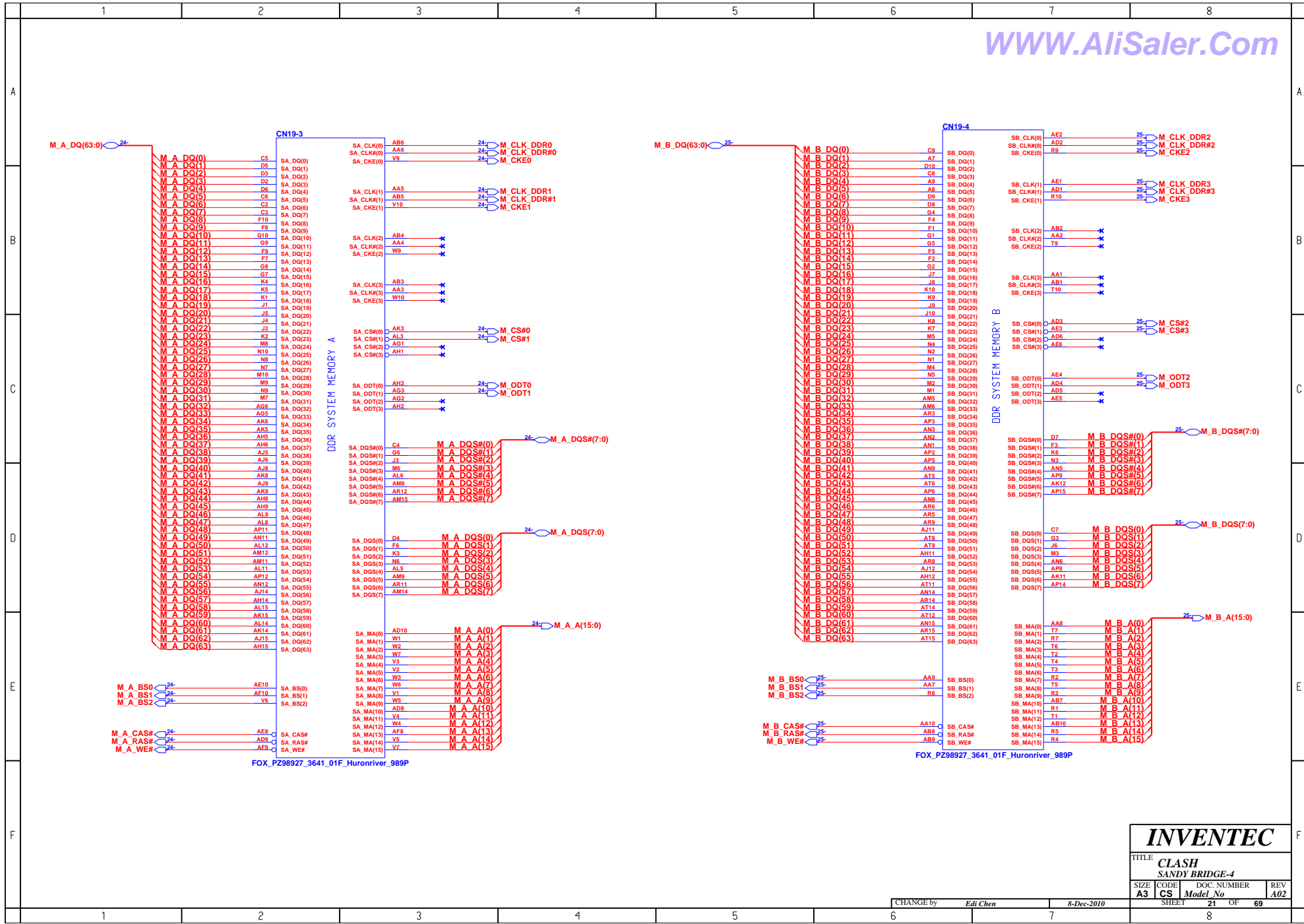
[illegible]



INVENTEC			
TITLE			
CLASH			
SANDY BRIDGE-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Edi Chen	8-Dec-2010
SHEET		18	OF 69



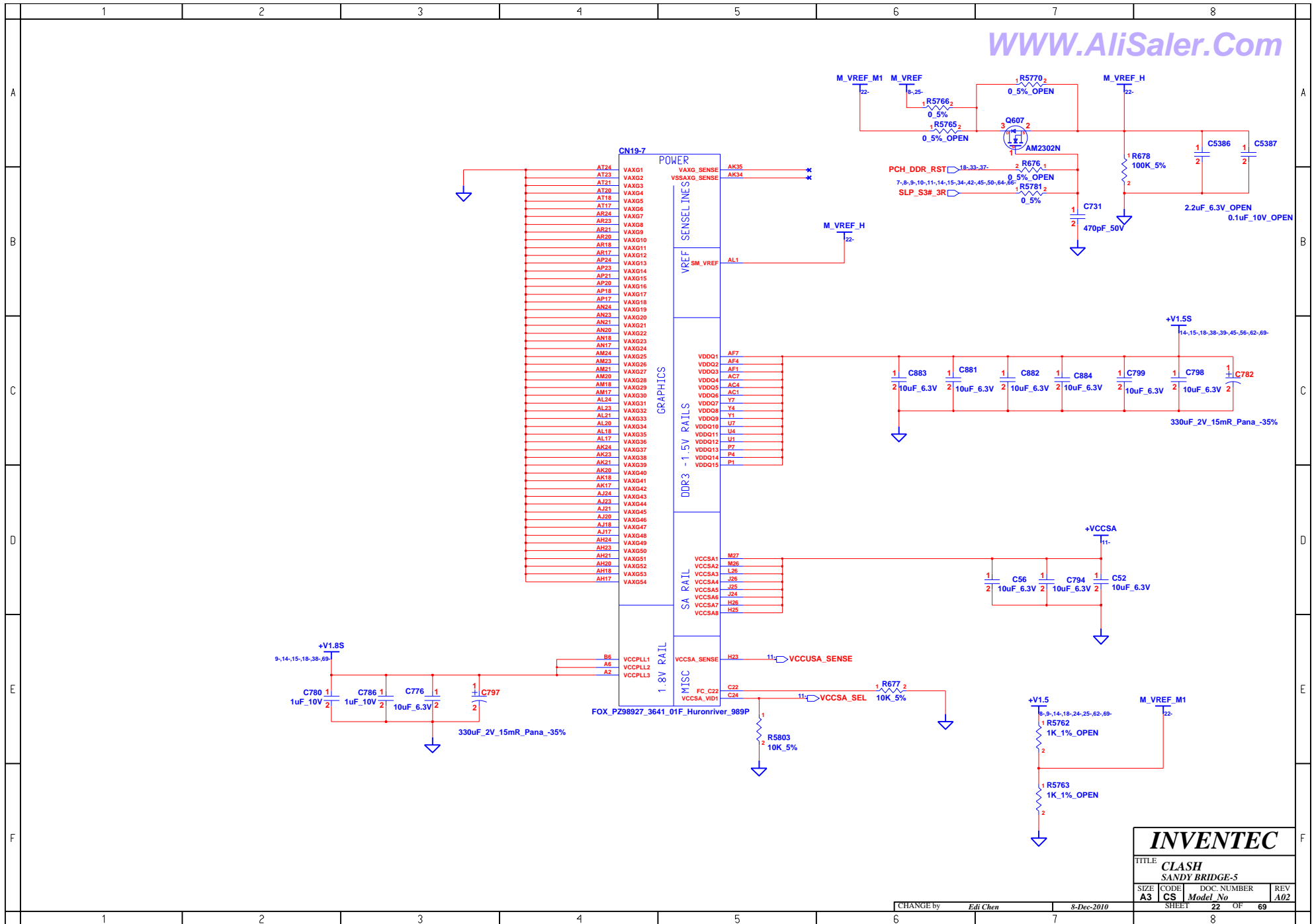


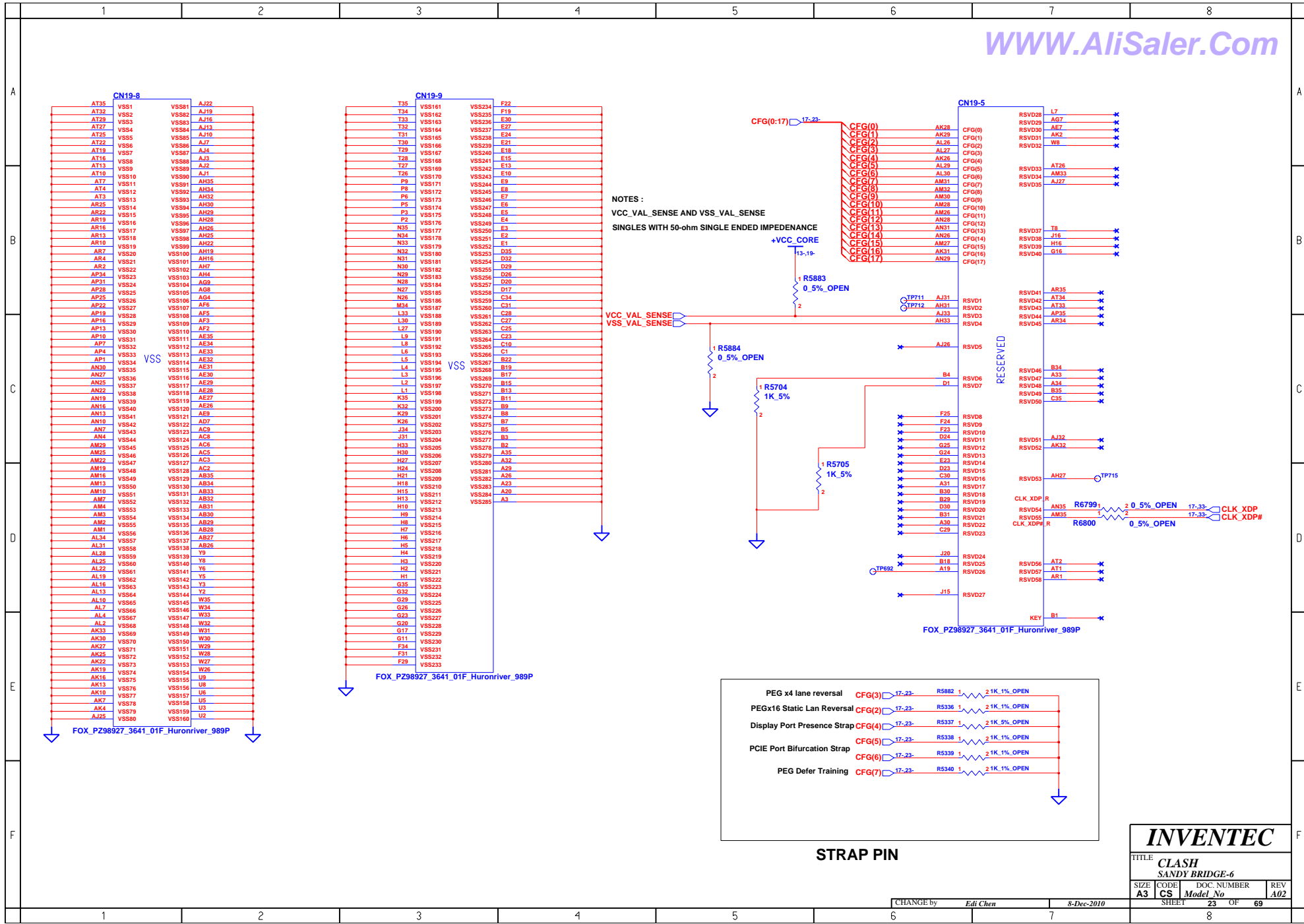


INVENTEC

TITLE			
CLASH			
SANDY BRIDGE-4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		21	OF 69

CHANGE by: Edi Chen 8-Dec-2010

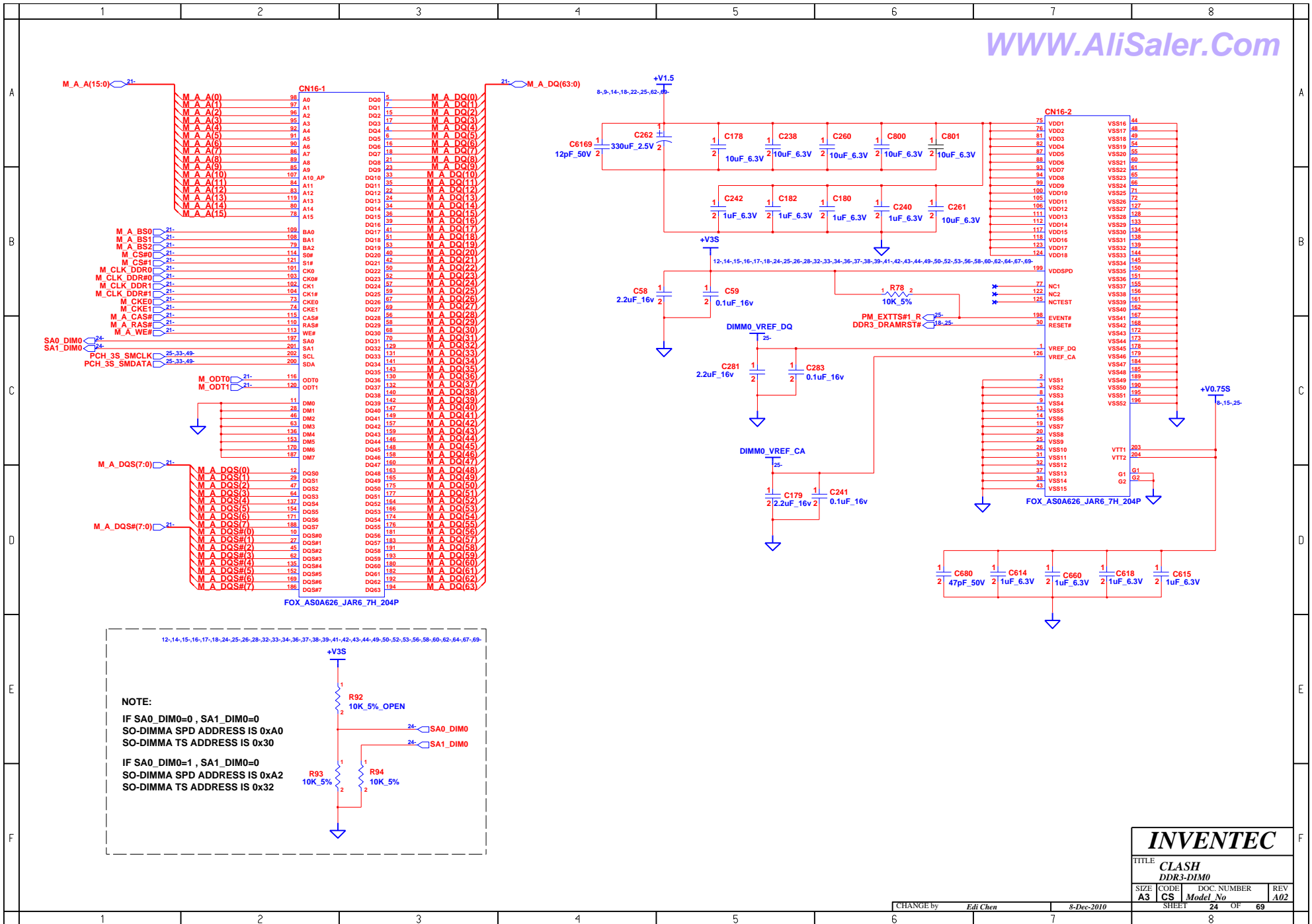




**INVENTEC**

TITLE CLASH SANDY BRIDGE-6			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 23		OF 69	

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

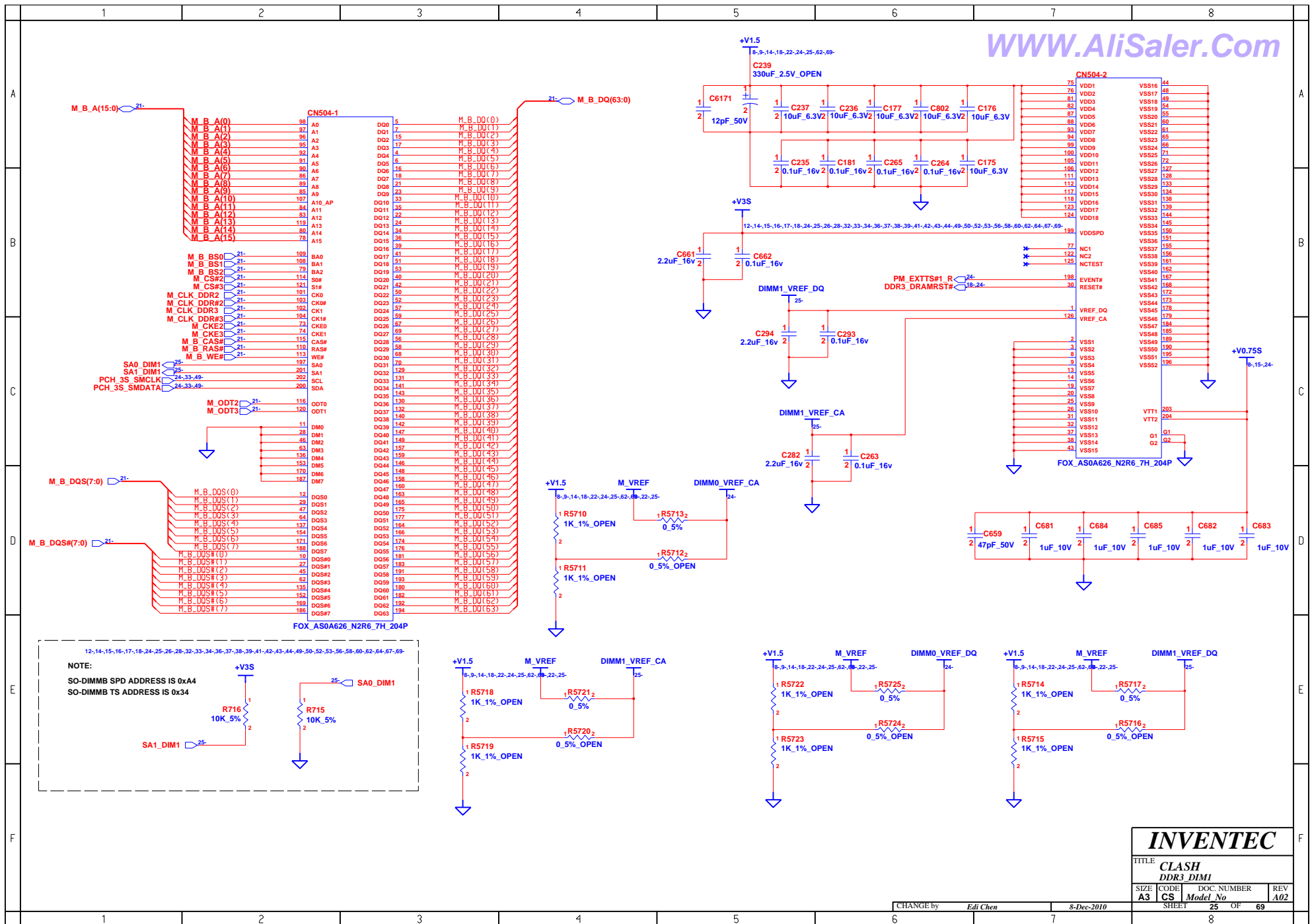


INVENTEC

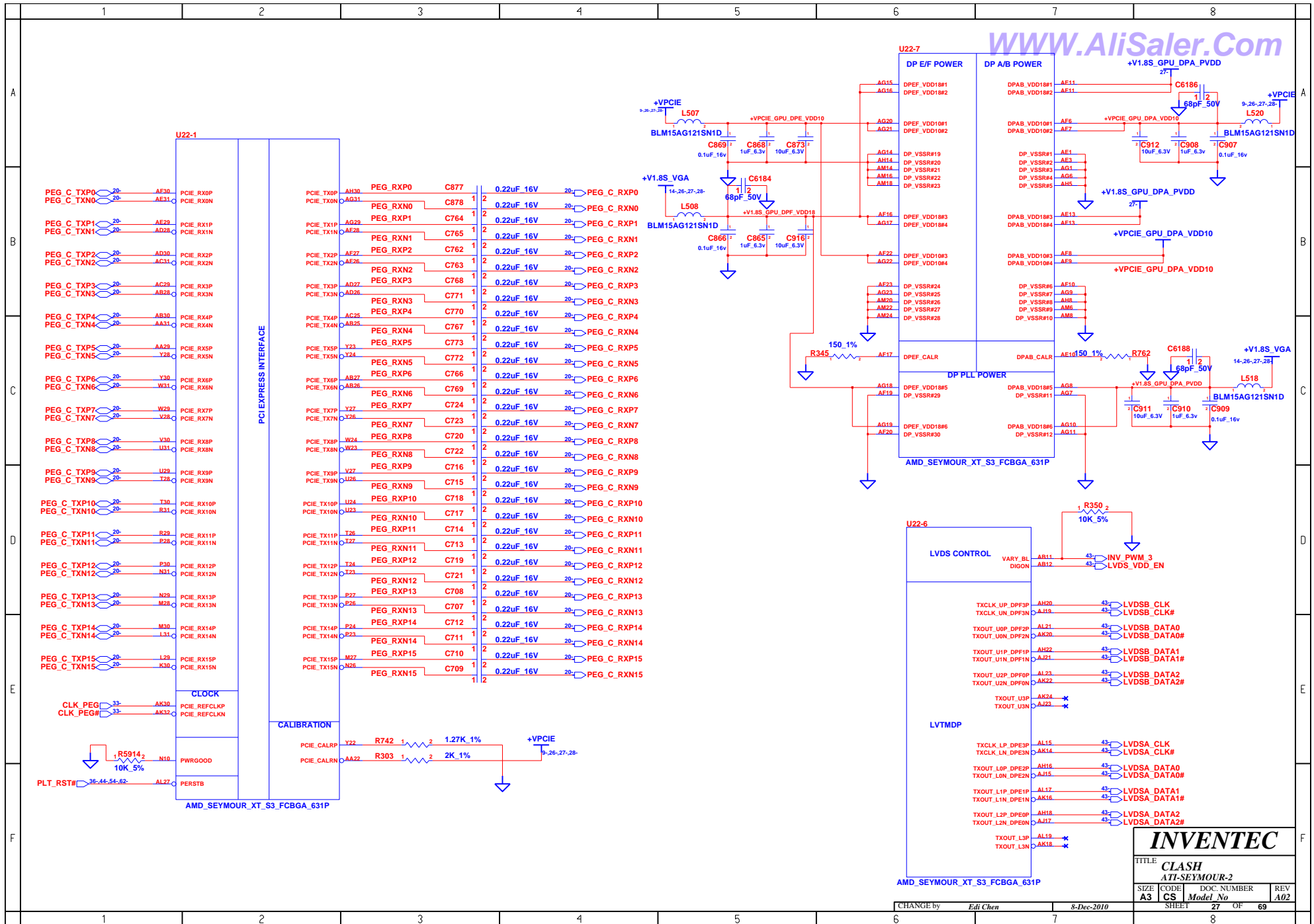
TITLE CLASH DDR3-DIM0			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 24		OF 69	

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



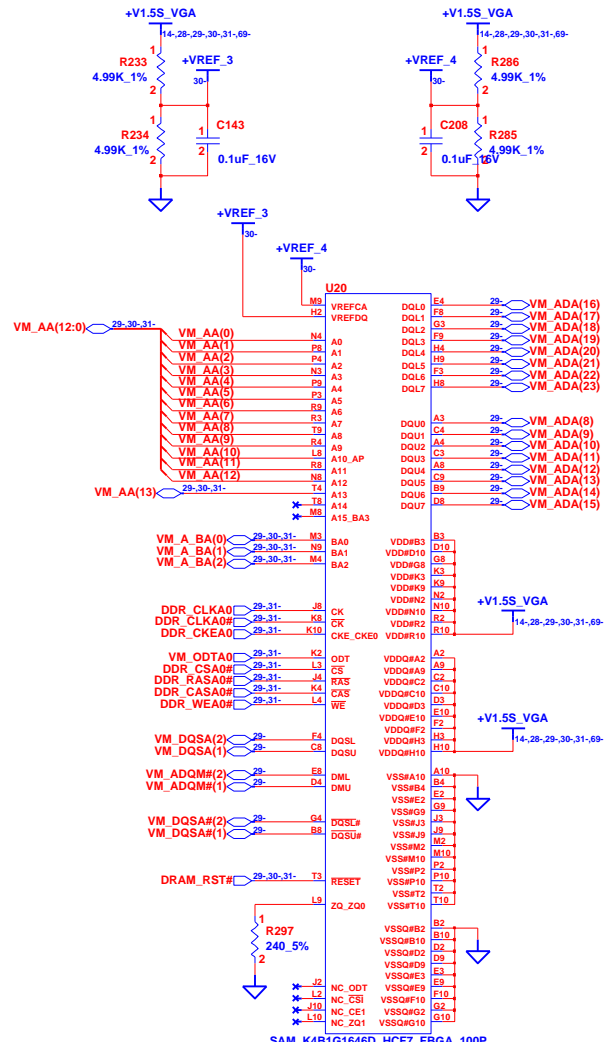




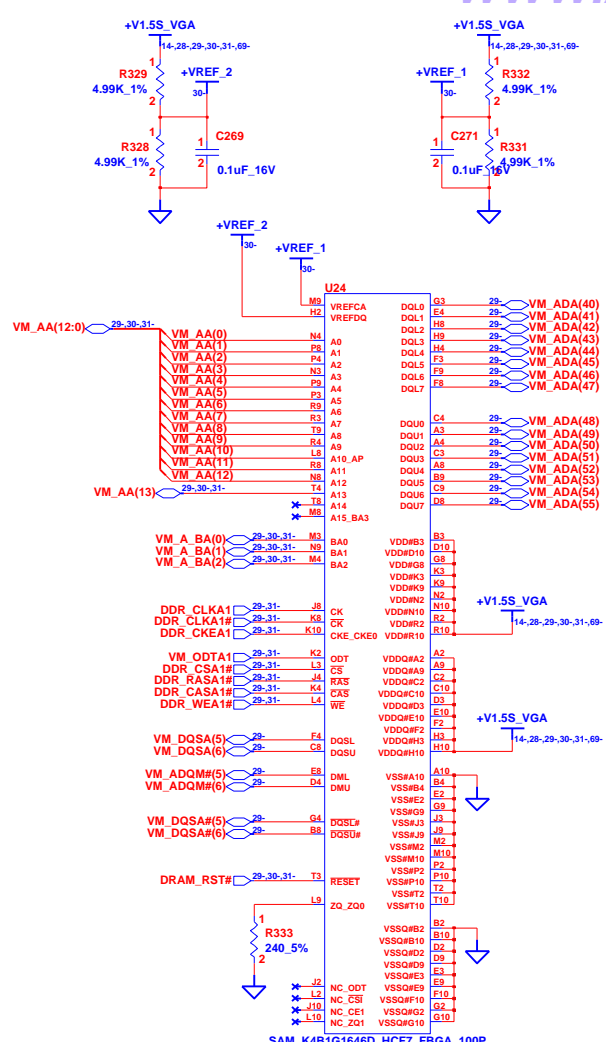
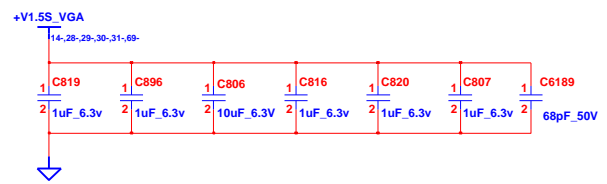




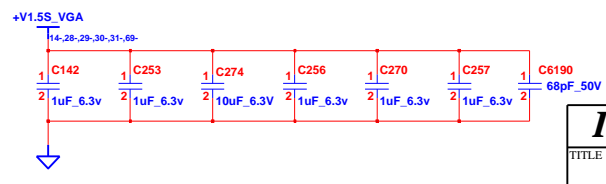




SAM\_K4B1G1646D\_HCF7\_FBGA\_100P



SAM\_K4B1G1646D\_HCF7\_FBGA\_100P



INVENTEC				
TITLE CLASH VRAM-1				
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02	
SHEET		30	OF	69

CHANGE by: Edi Chen 8-Dec-2010





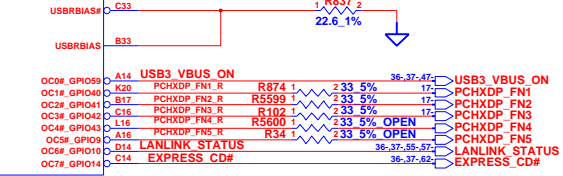
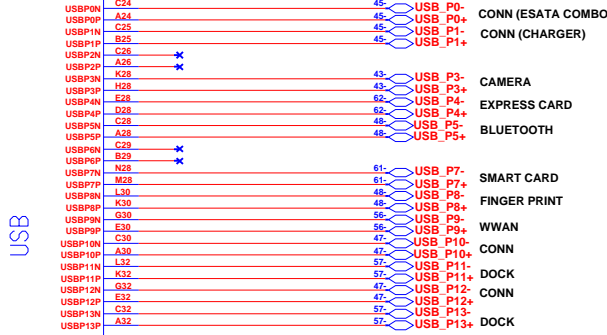
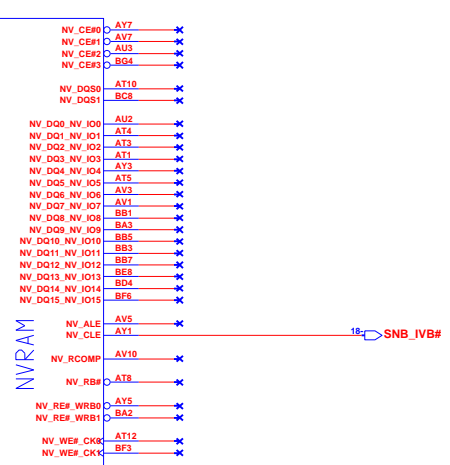
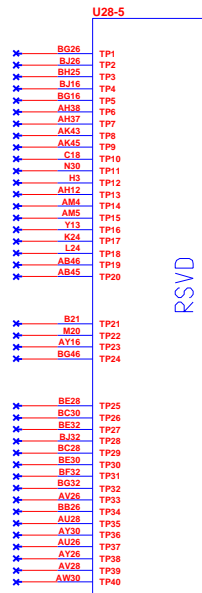
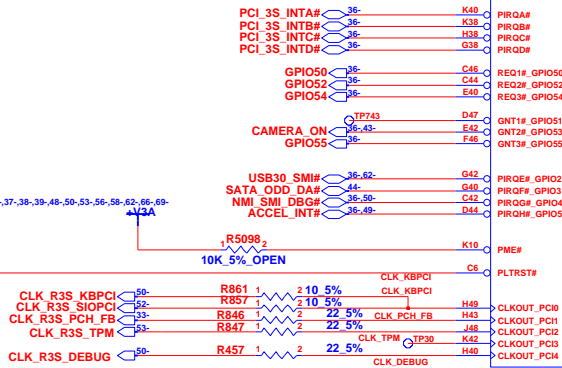
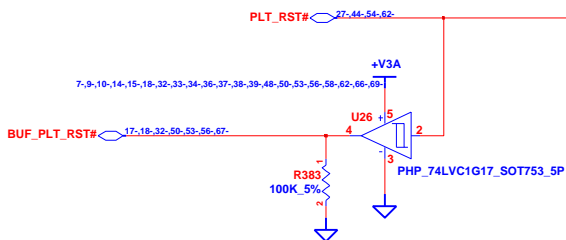
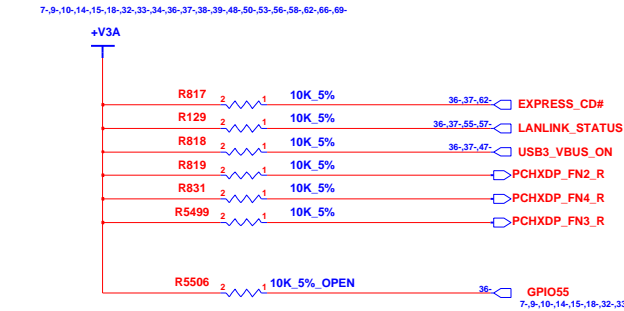
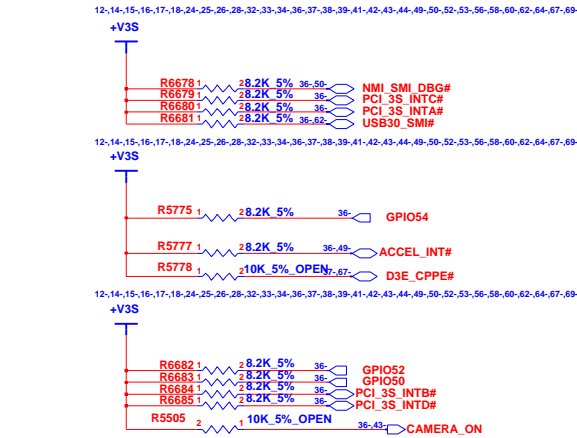






[illegible]





INVENTEC

TITLE  
CLASH  
PCH-5

SIZE CODE CS Model No

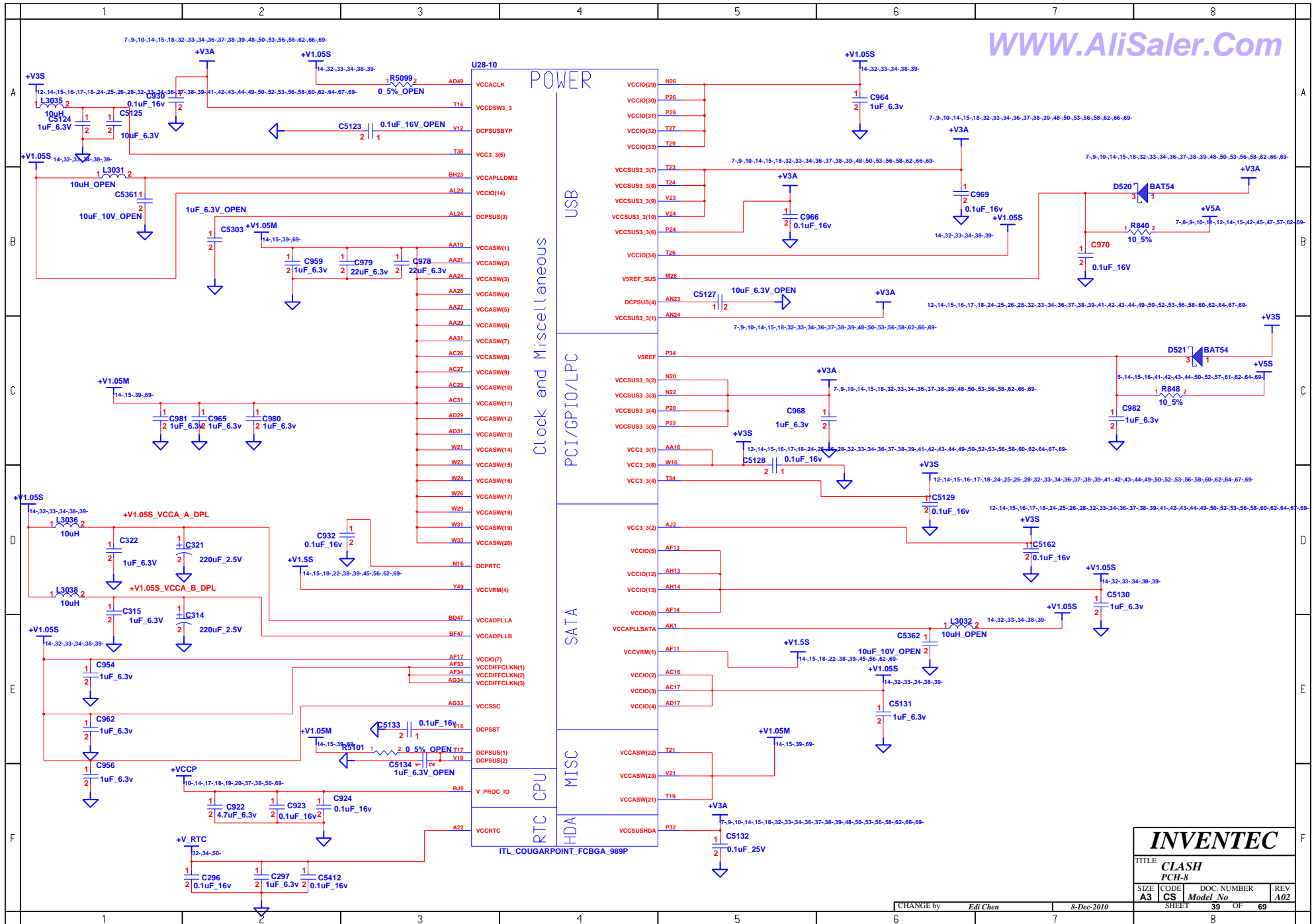
DOC. NUMBER REV A02

CHANGE by Edi Chen 8-Dec-2010

SHEET 36 OF 69



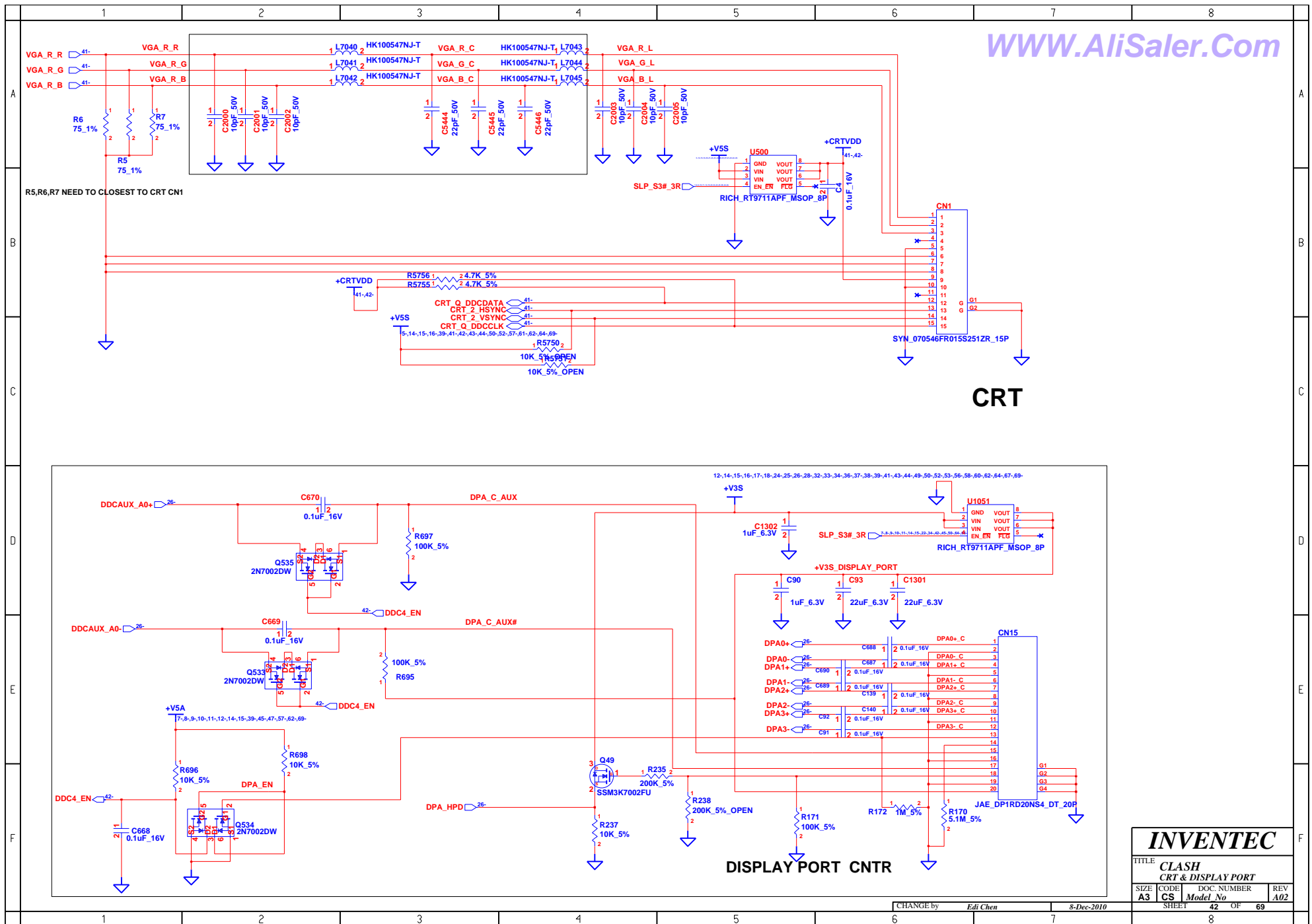


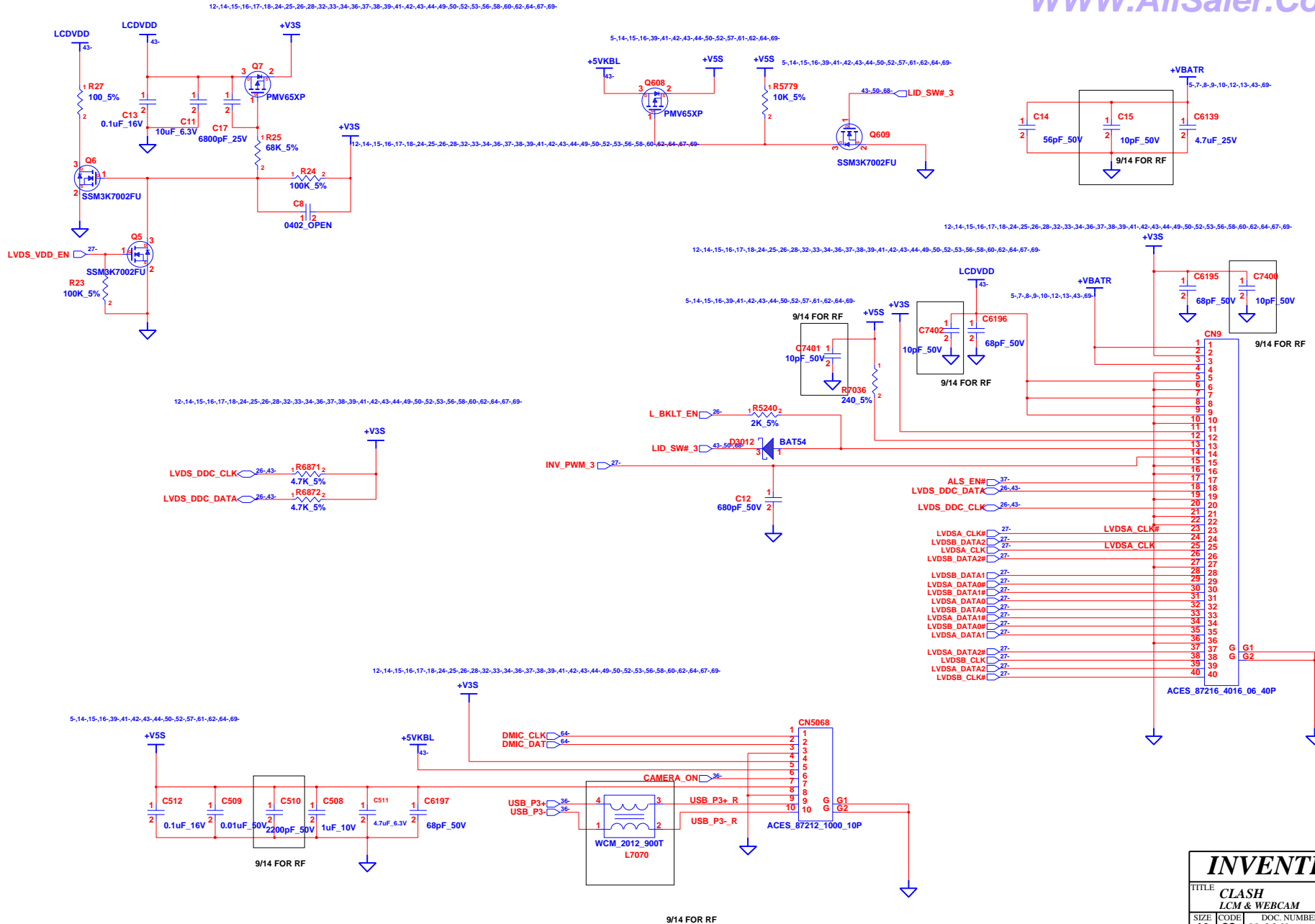








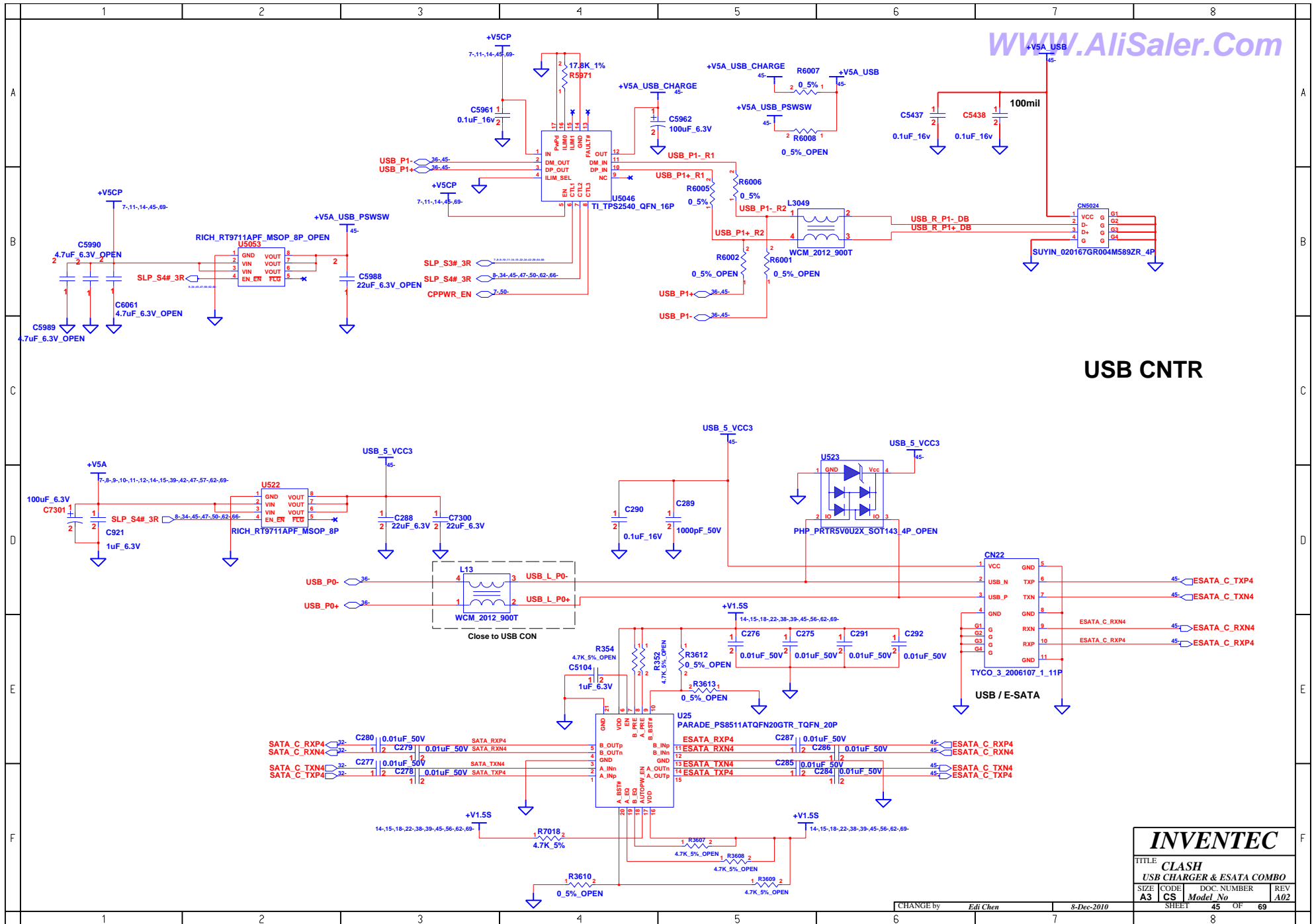


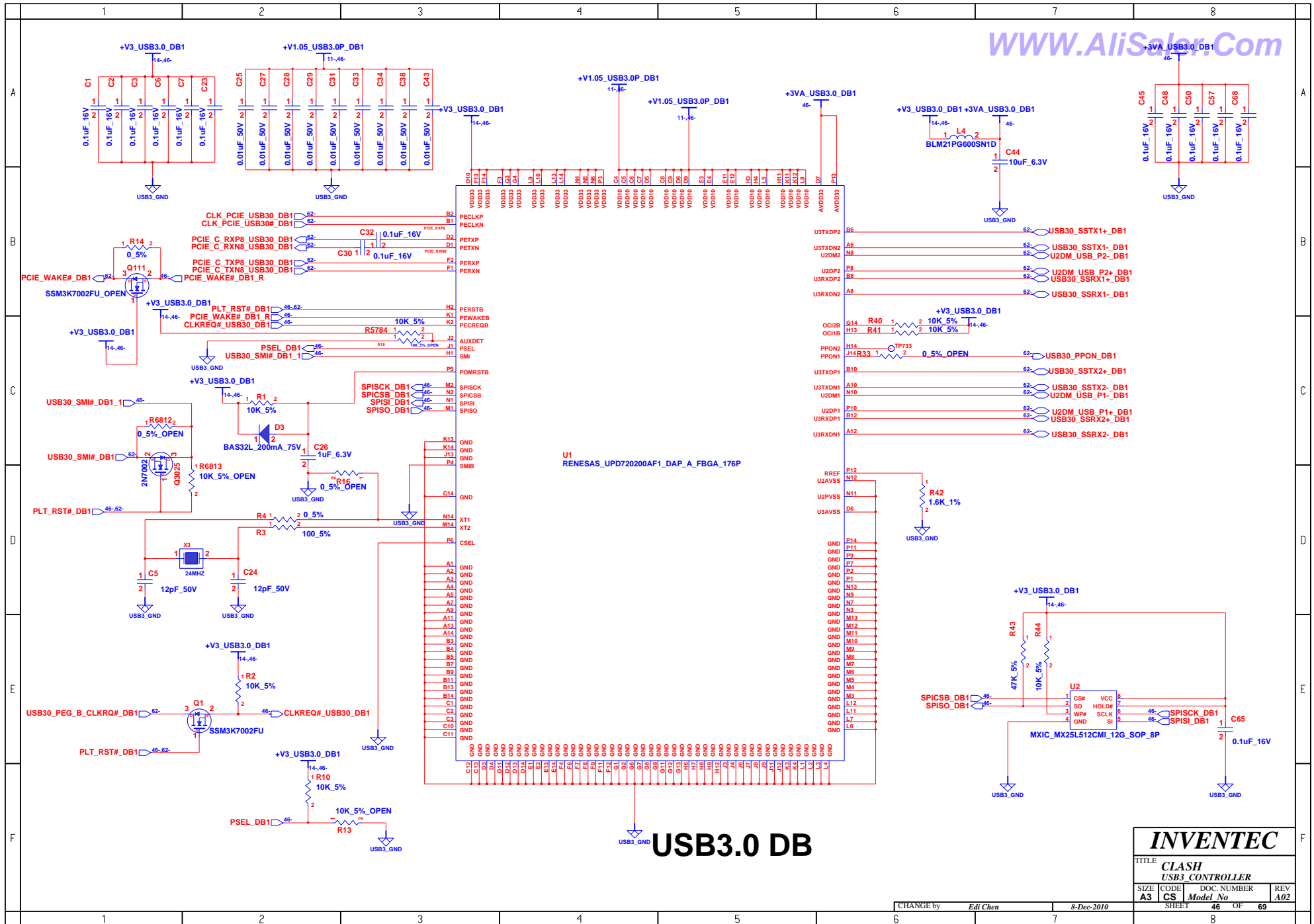


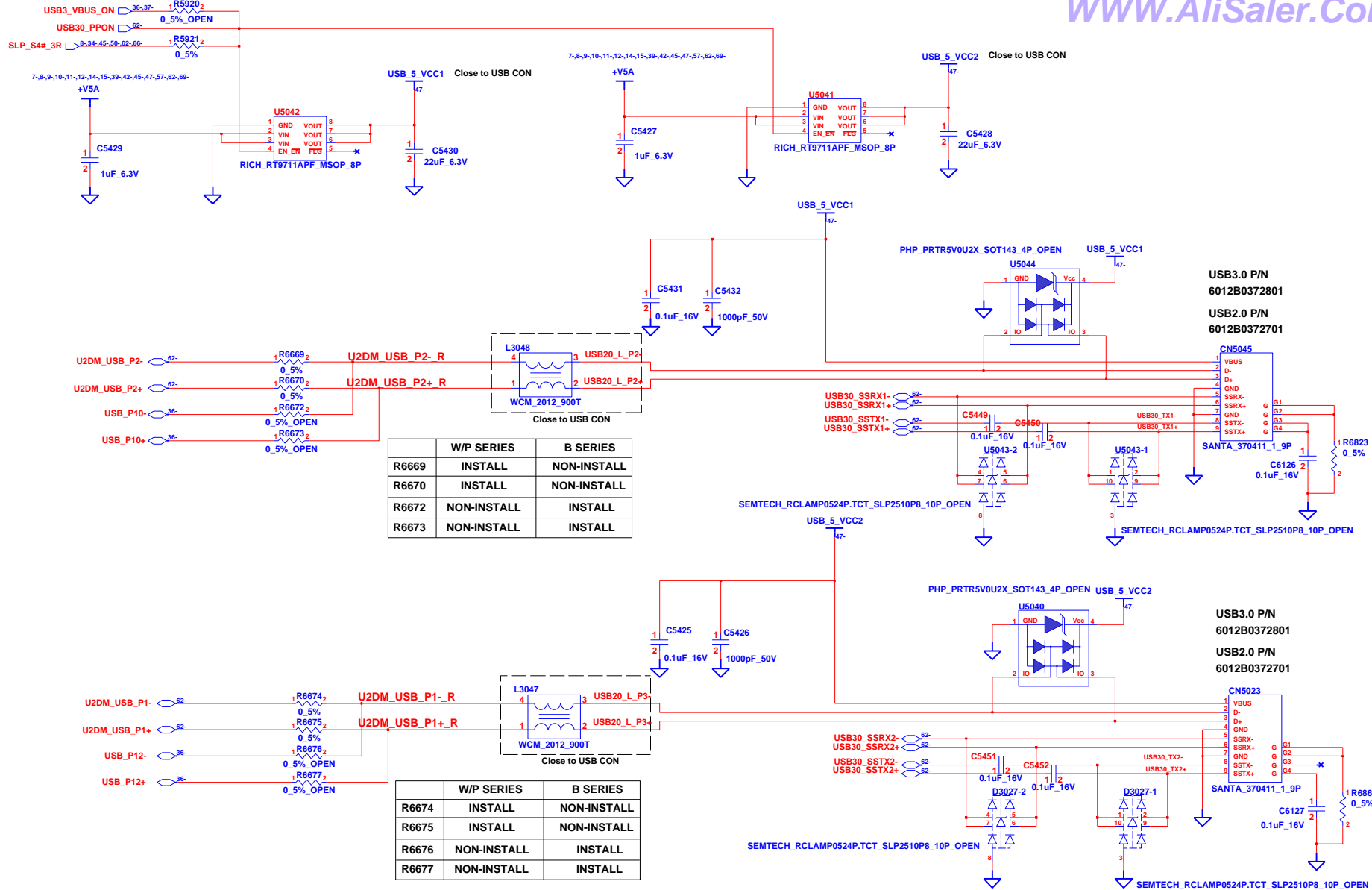
INVENTEC			
TITLE			
CLASH			
LCM & WEBCAM			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		43	OF 69

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









USB3.0 P/N  
6012B0372801  
USB2.0 P/N  
6012B0372701

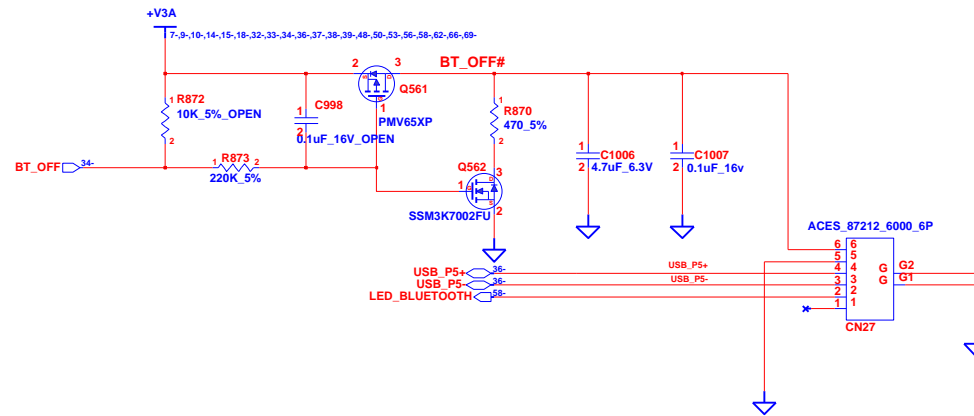
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USB2.0 P/N  
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**INVENTEC**

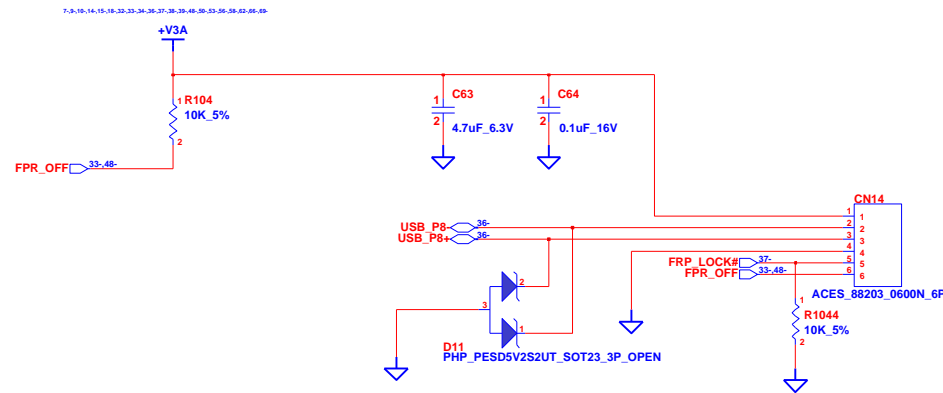
TITLE  
**CLASH  
USB CONN**  
SIZE CODE DOC. NUMBER REV  
**A3 CS Model No** **A02**

CHANGE by *Edi Chen* 8-Dec-2010

SHEET 47 OF 69



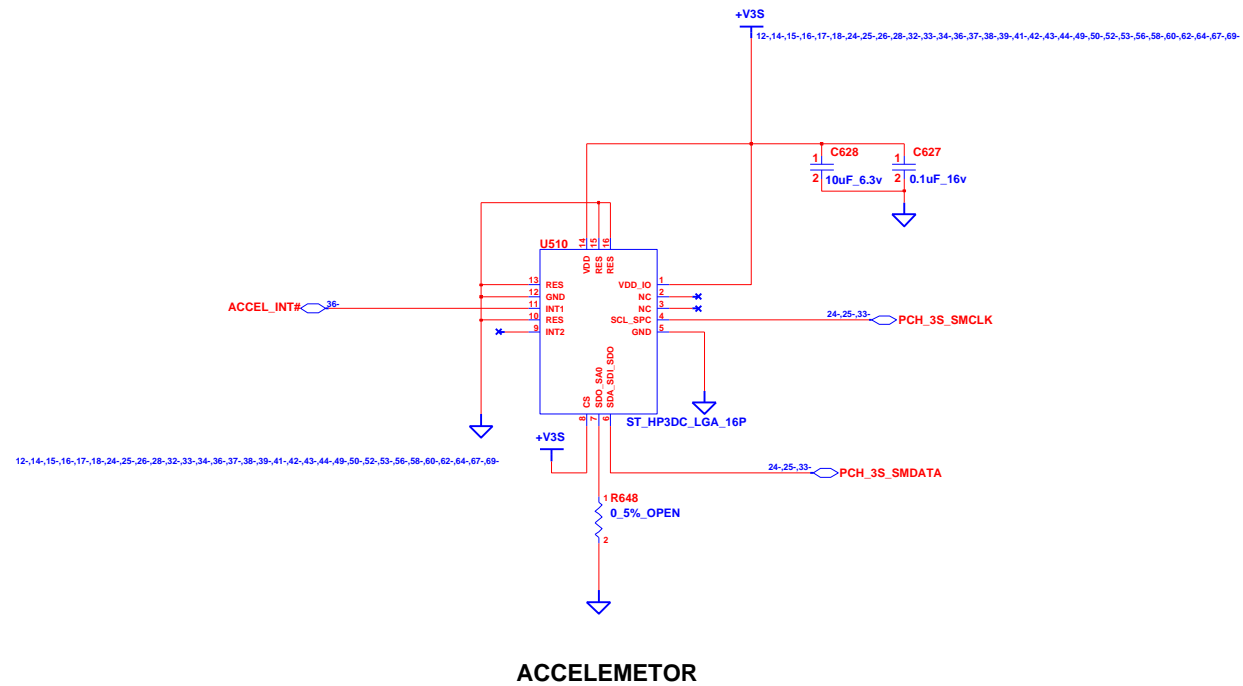
## BLUETOOTH



## FINGER PRINTER CNTR

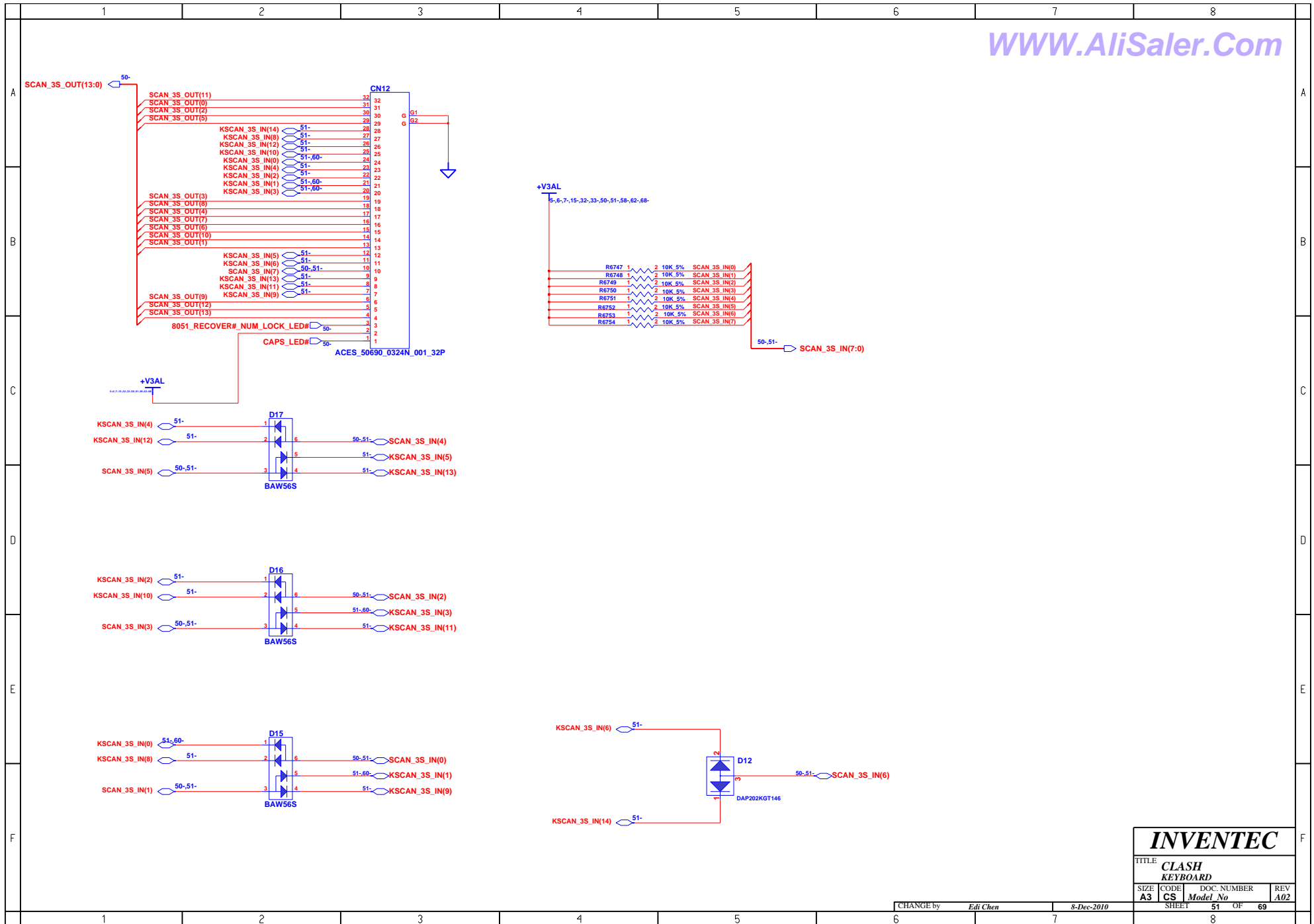
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TITLE CLASH			
BLUETOOTH & FINGER PRINTER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by Edi Chen		8-Dec-2010	
SHEET 48		OF 69	





INVENTEC			
TITLE CLASH ACCELEMATOR			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by Edi Chen		8-Dec-2010	
SHEET 49		OF 69	

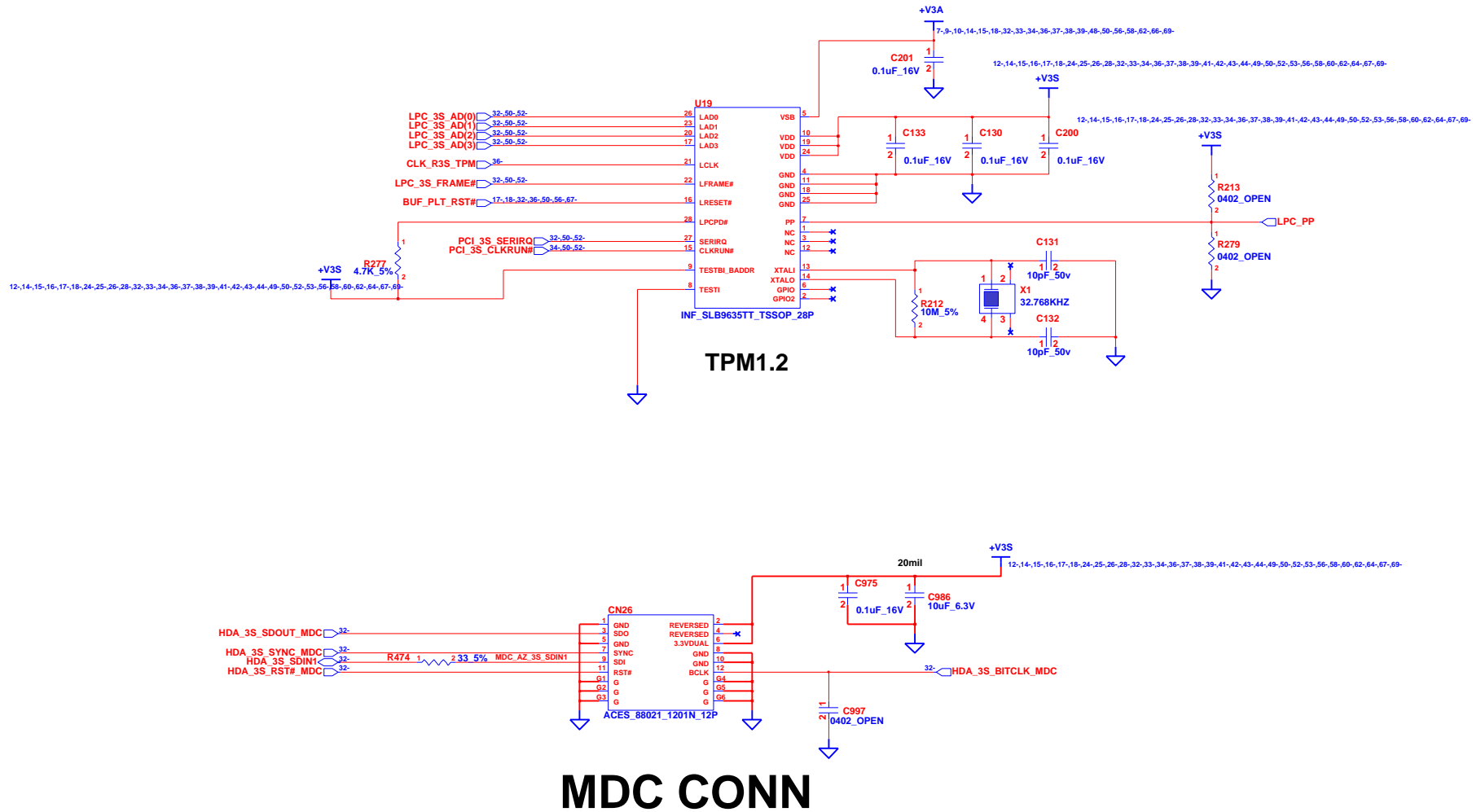




INVENTEC			
TITLE CLASH KEYBOARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET		51	OF 69

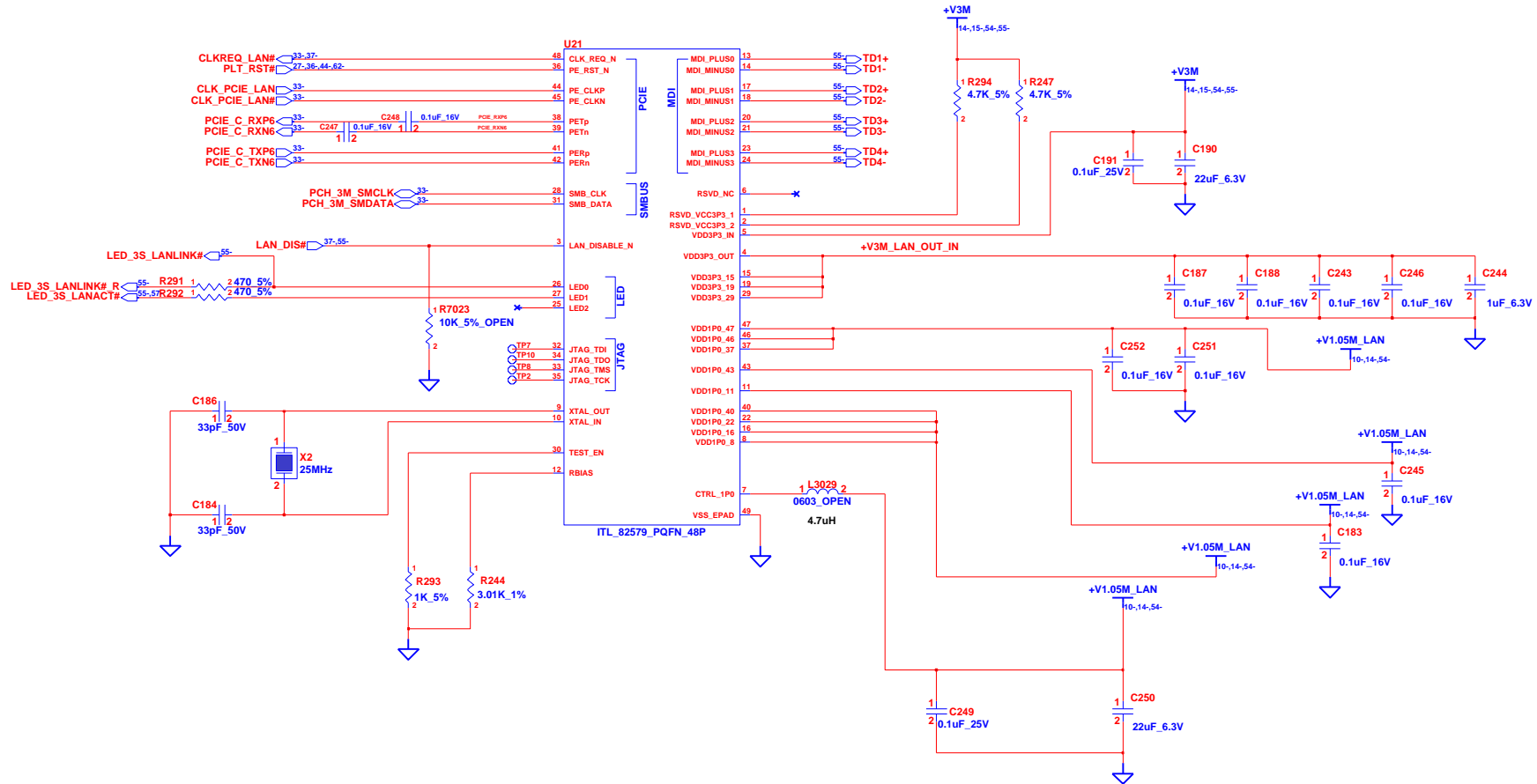
CHANGE by *Edi Chen* 8-Dec-2010





INVENTEC			
TITLE			
CLASH			
TPM & MDC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		53	OF 69

CHANGE by *Edi Chen* 8-Dec-2010

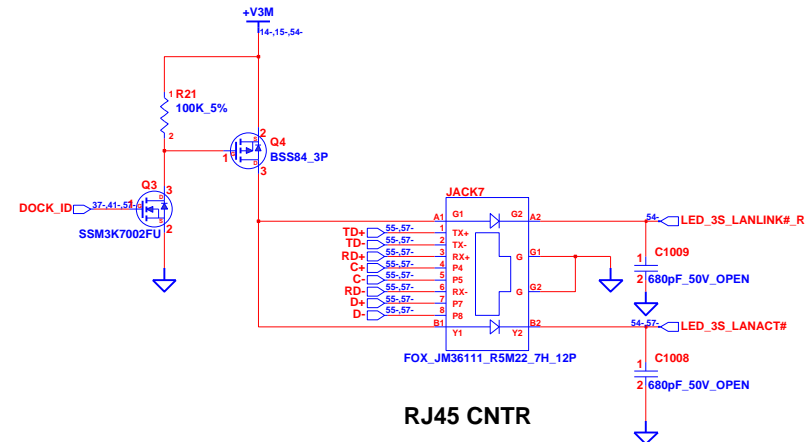
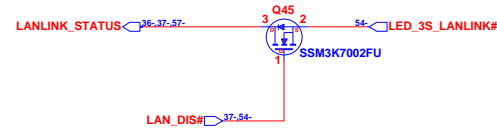
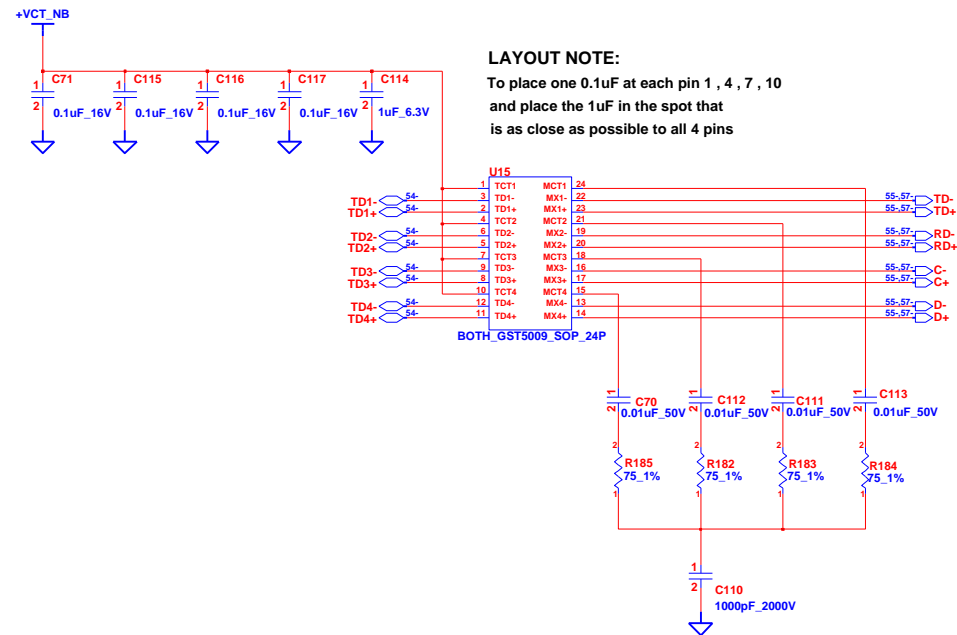


**INVENTEC**

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

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

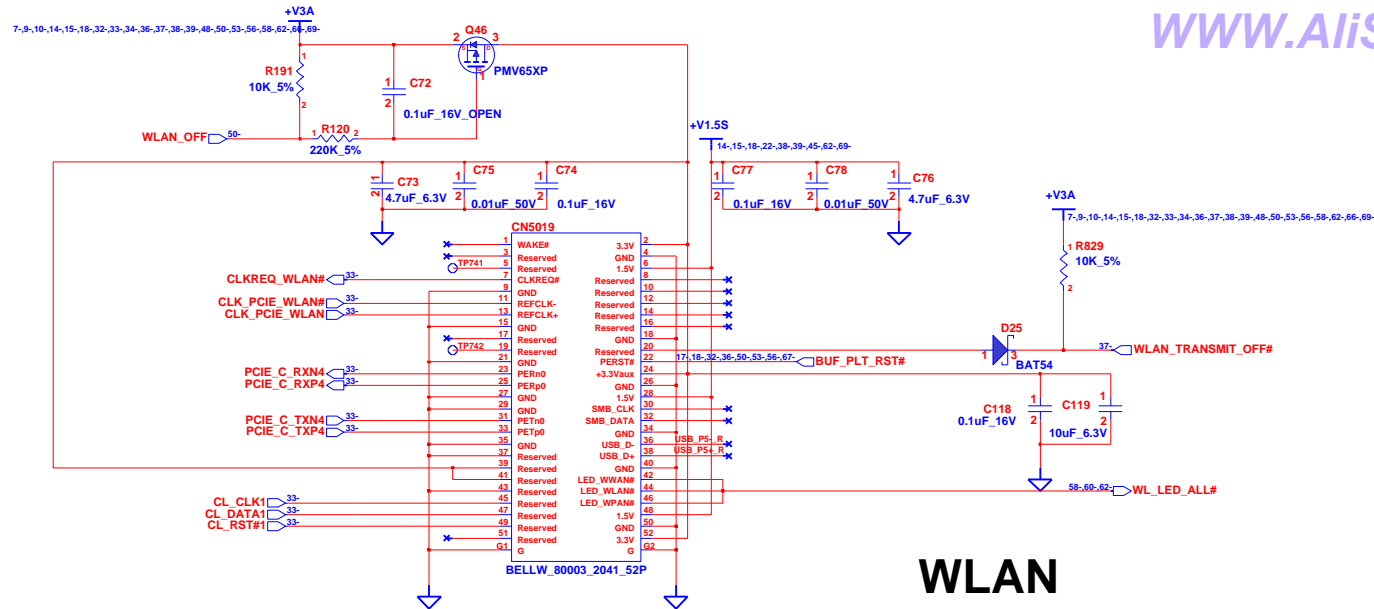
SHEET 54 OF 69



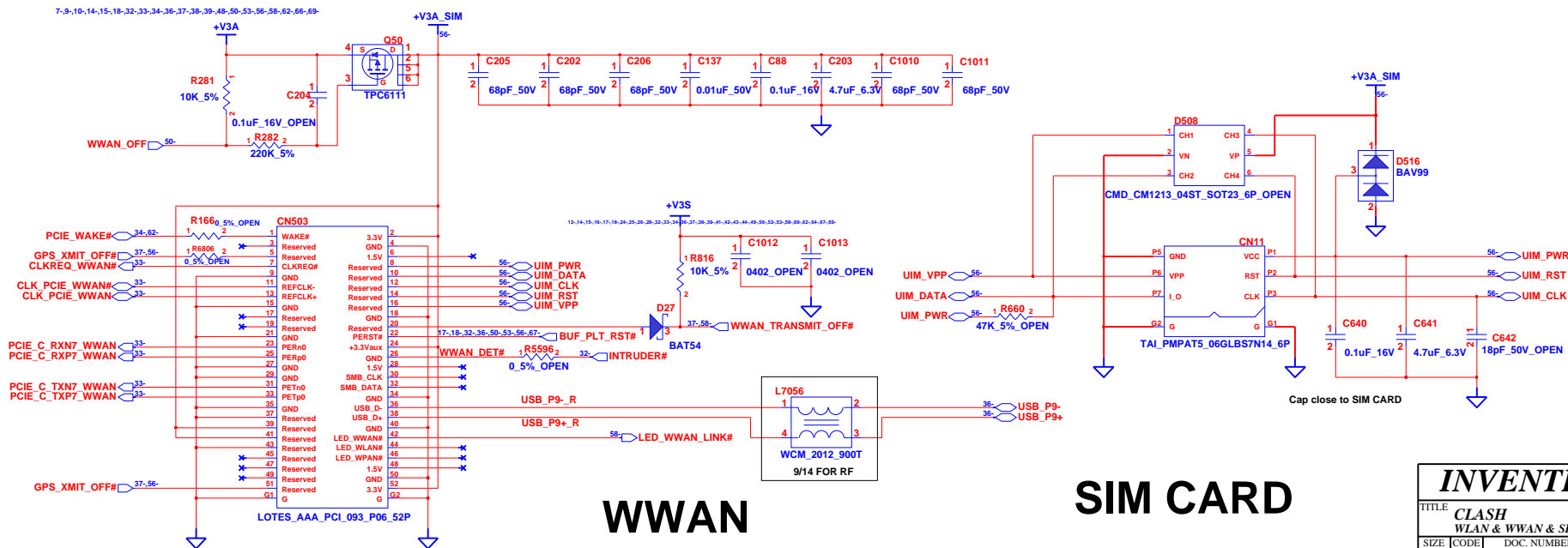
**INVENTEC**

TITLE <b>CLASH</b> <b>LAN RJ45 CONN</b>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>Model No</i>	REV <b>A02</b>
SHEET <b>55</b>		OF <b>69</b>	

CHANGE by *Edi Chen* 8-Dec-2010



## WLAN



## WWAN

## SIM CARD

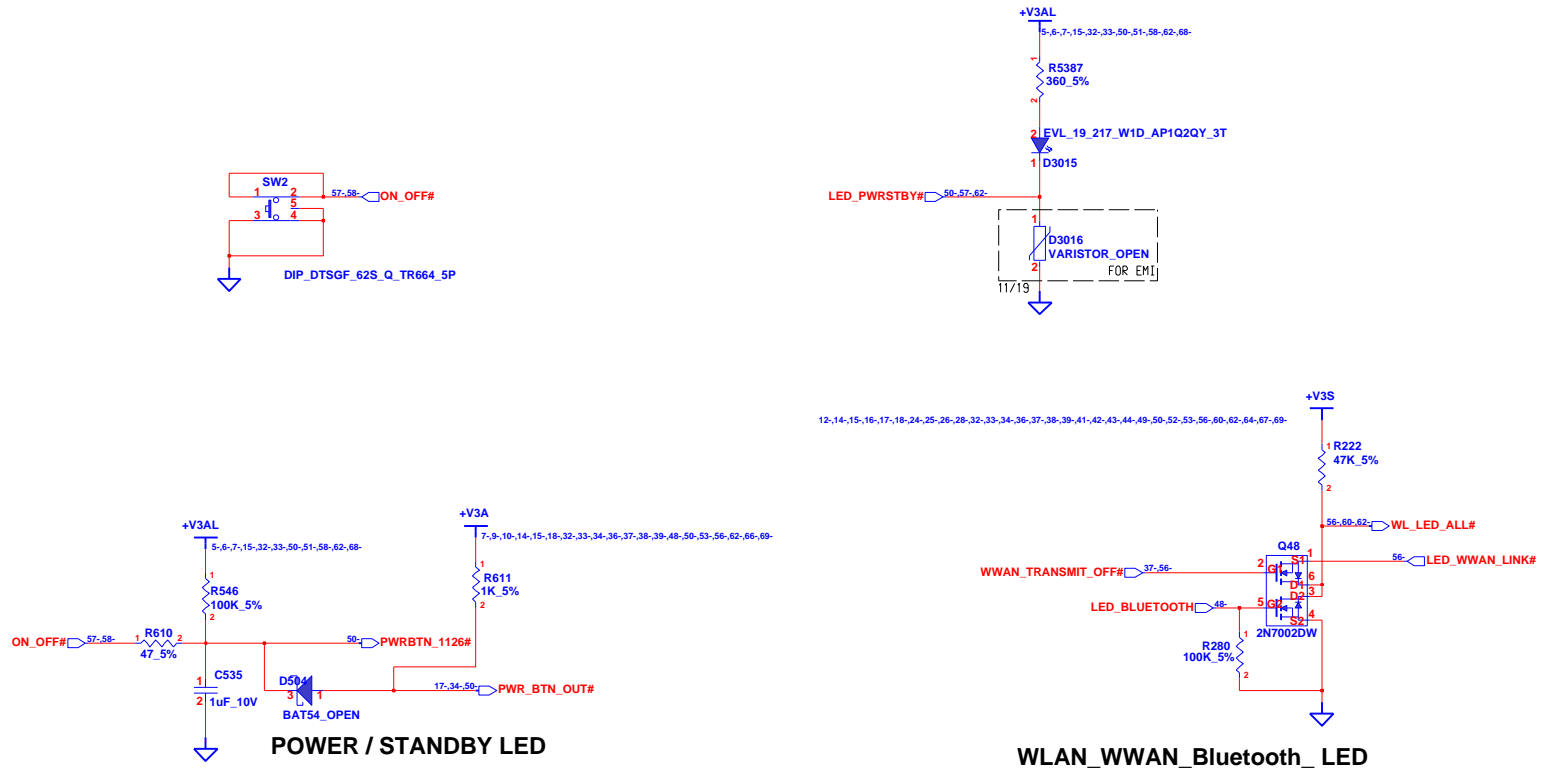
**INVENTEC**

TITLE CLASH WLAN & WWAN & SIM CARD			
SIZE A3	CODE CS	DOC NUMBER Model No	REV A02
SHEET		56	OF 69

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



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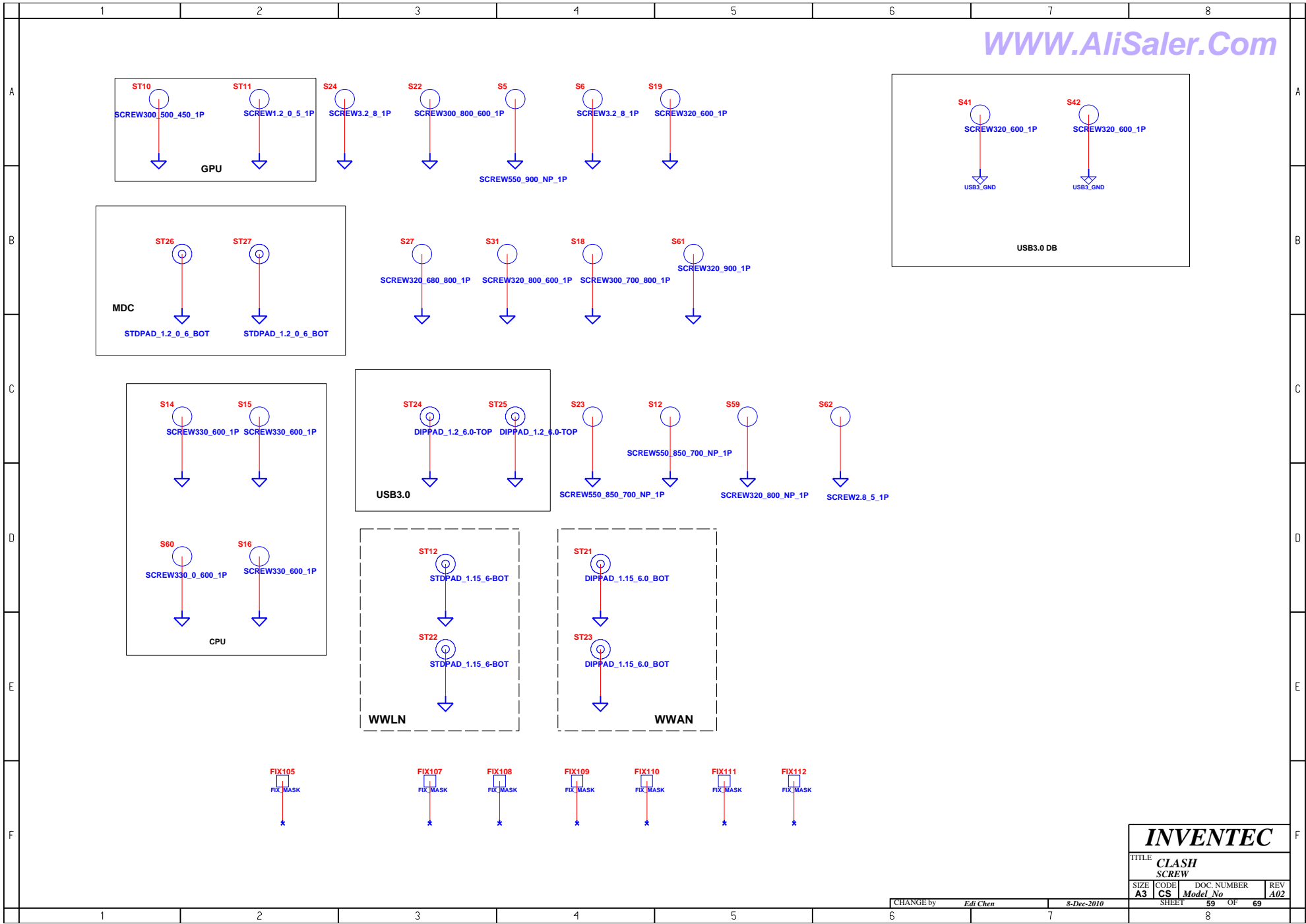
POWER / STANDBY LED

WLAN\_WWAN\_Bluetooth\_LED

**INVENTEC**

TITLE			
CLASH			
POWER & WLAN_LED			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		58	OF 69

CHANGE by *Edi Chen* 8-Dec-2010

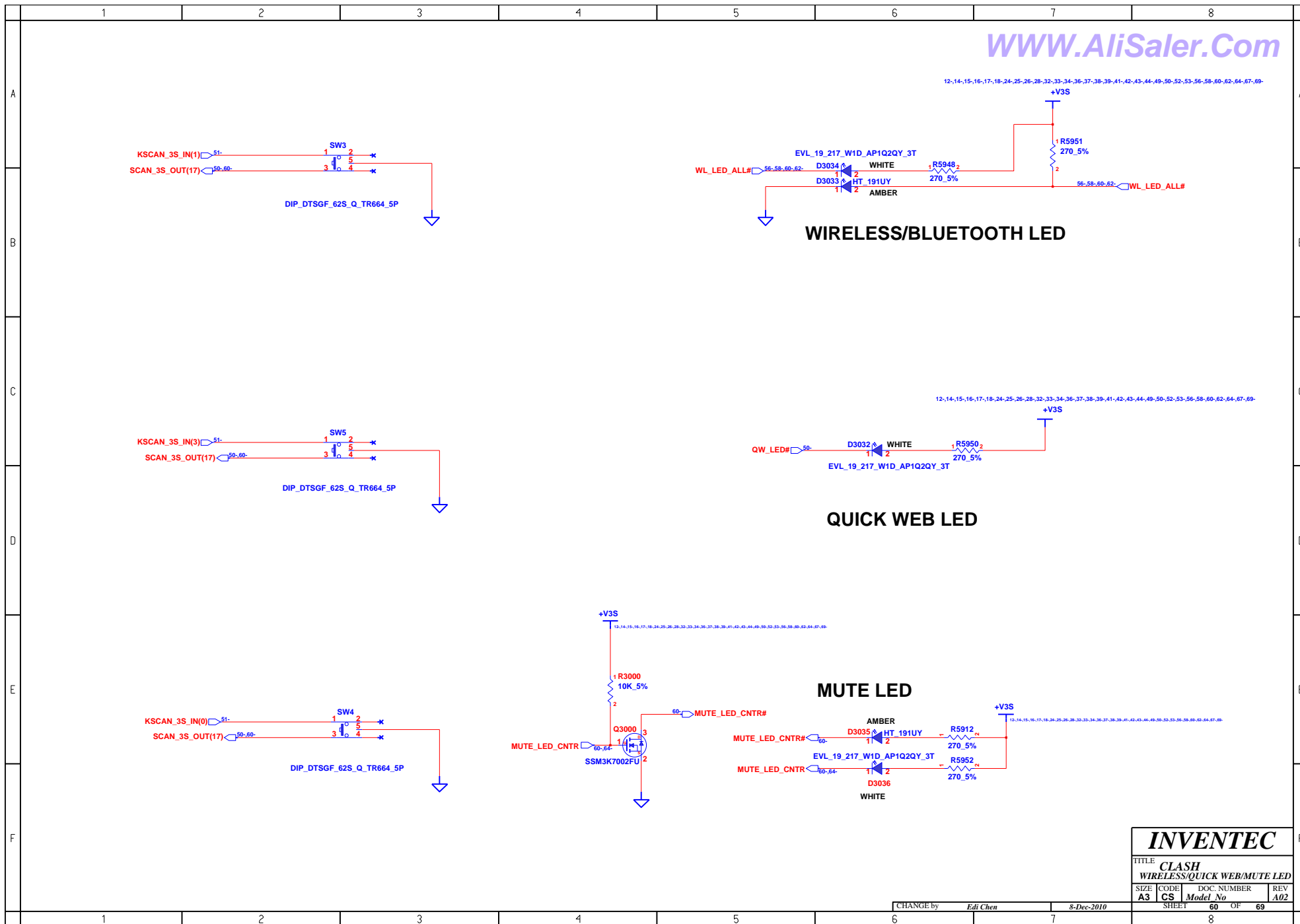


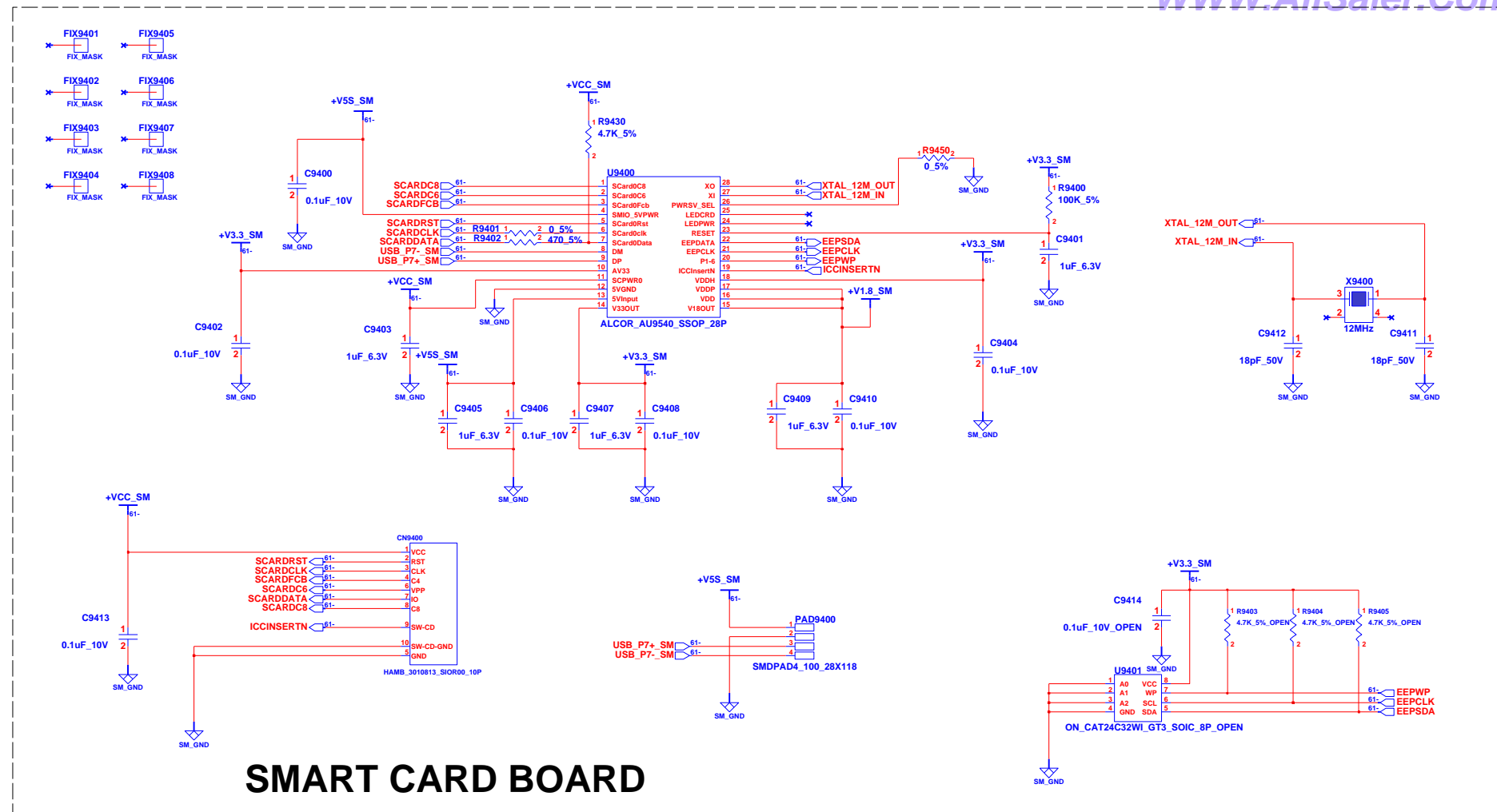
INVENTEC

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

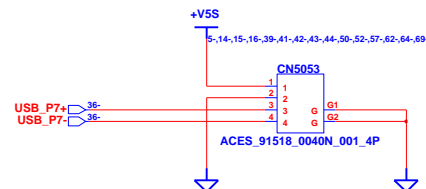
CHANGE by Edt Chen 8-Dec-2010

SHEET 59 OF 69



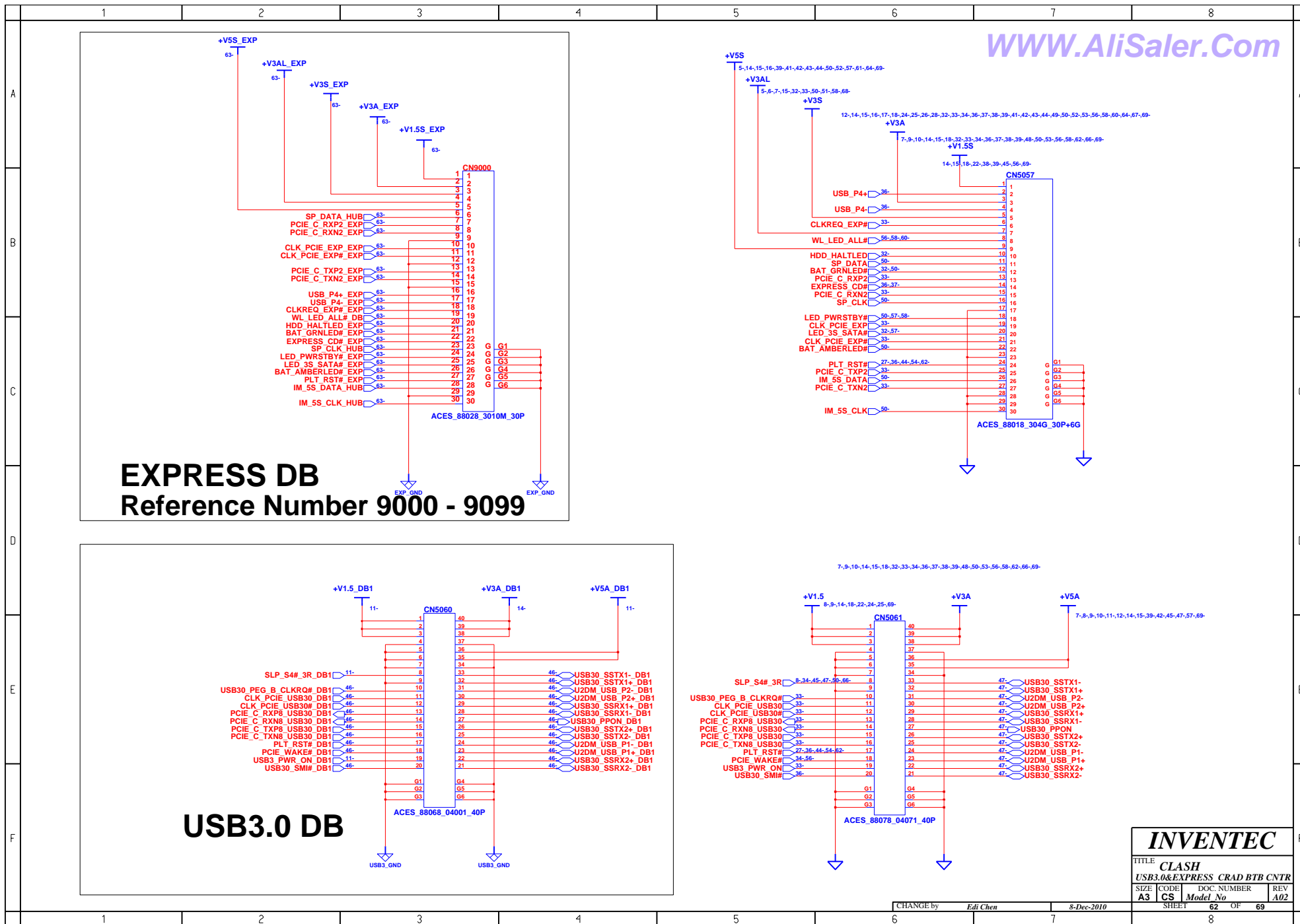


# SMART CARD BOARD



**INVENTEC**

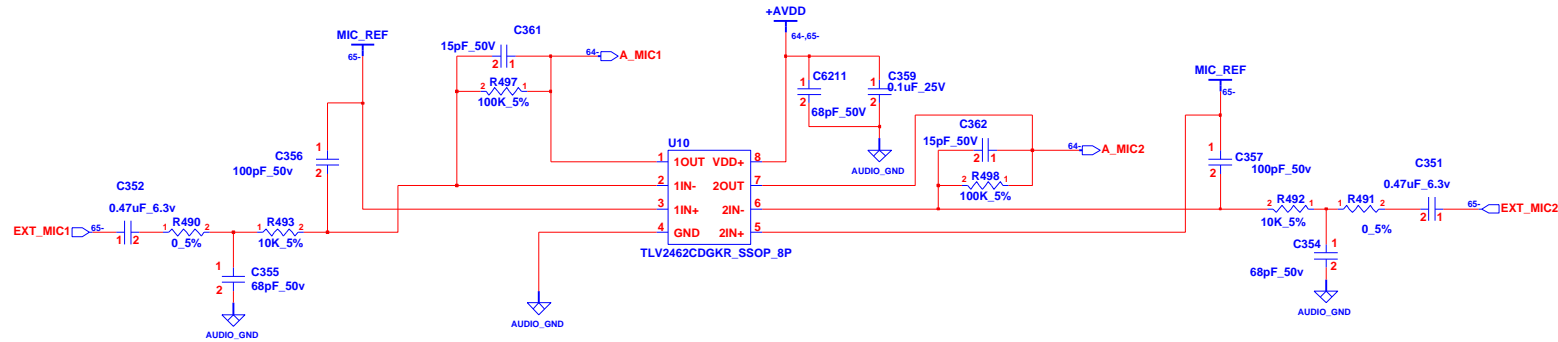
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SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>Model No</i>	REV <b>A02</b>
CHANGE by <i>Edi Chen</i>		8-Dec-2010	
SHEET <b>61</b>		OF <b>69</b>	



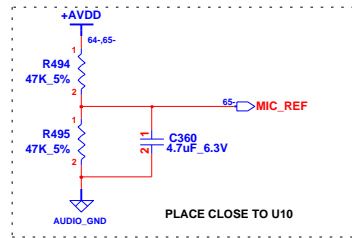




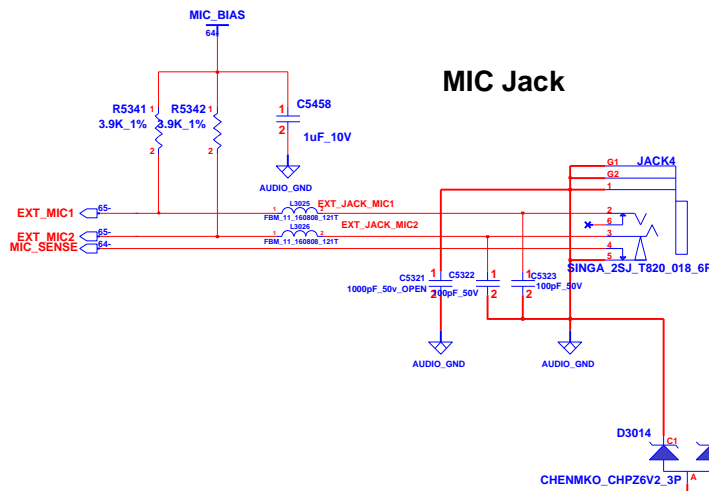




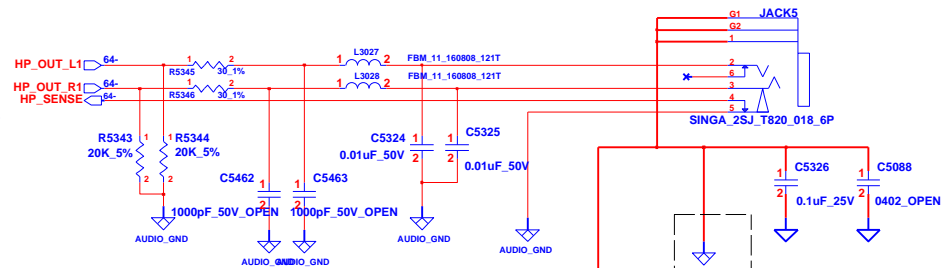
## EXT. MIC



### MIC Jack



### Earphone Jack

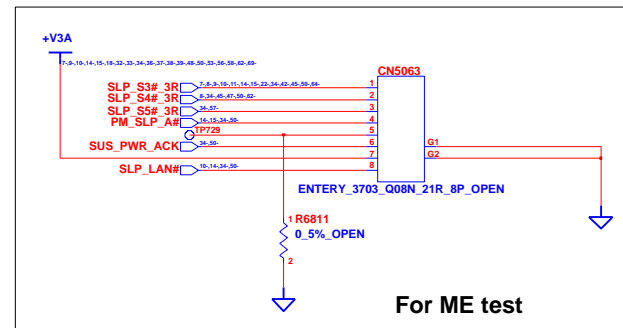
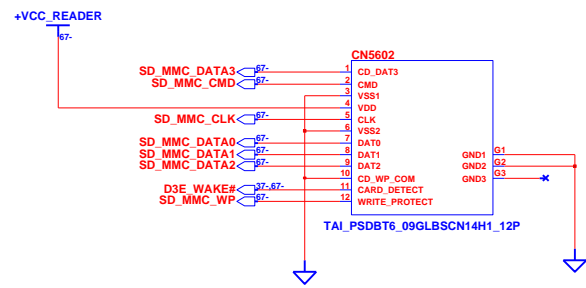
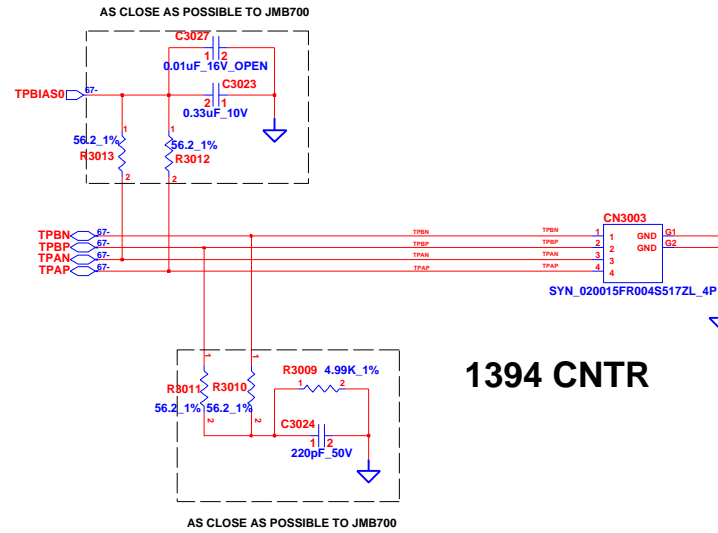


Use min 20 mils wide trace to JACK pin1

**INVENTEC**

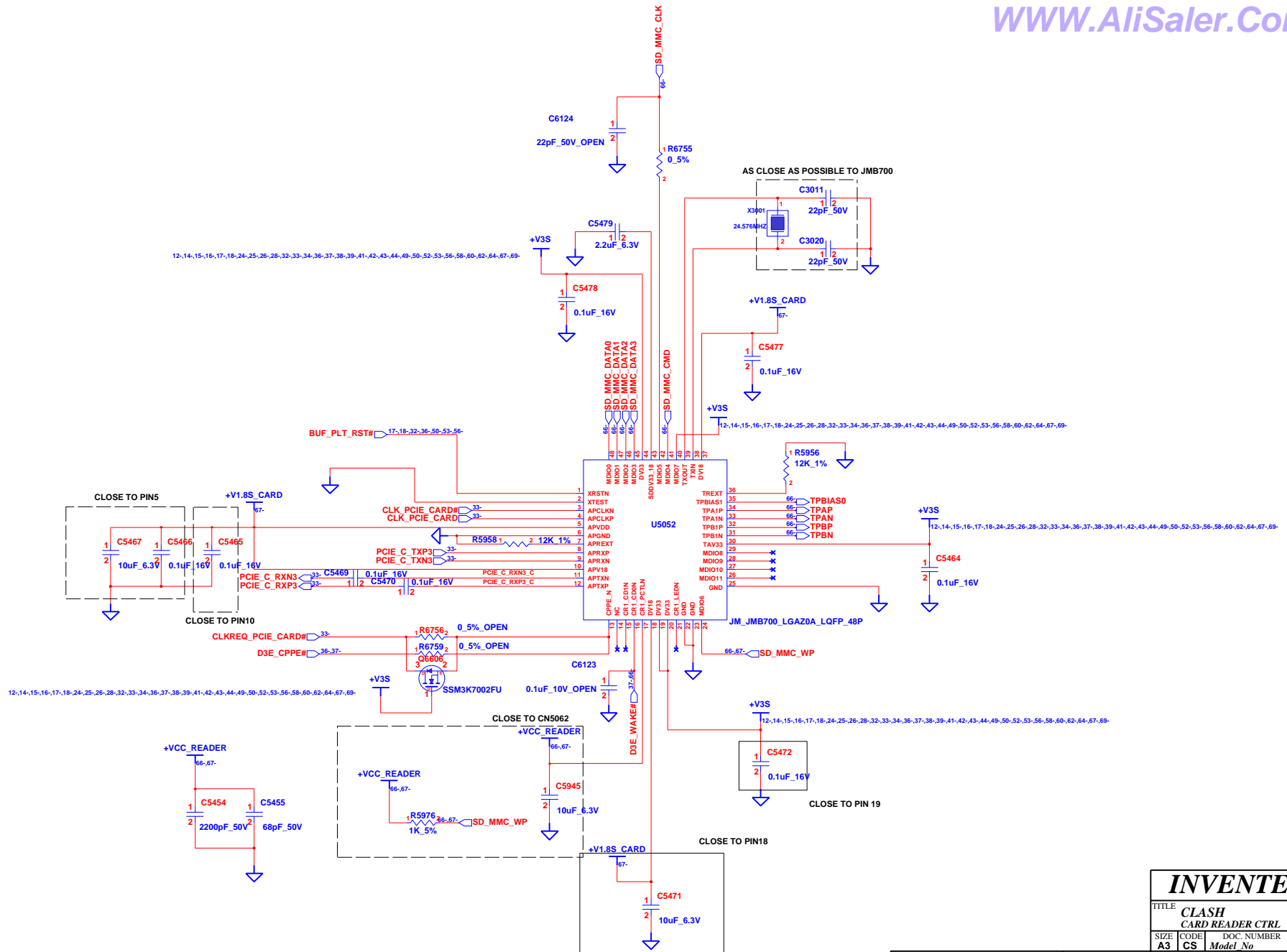
TITLE CLASH EXT MIC/MIC/HP			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET		65	OF 69

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



INVENTEC			
TITLE CLASH 1394 CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 66		OF 69	

CHANGE by *Edi Chen* 8-Dec-2010



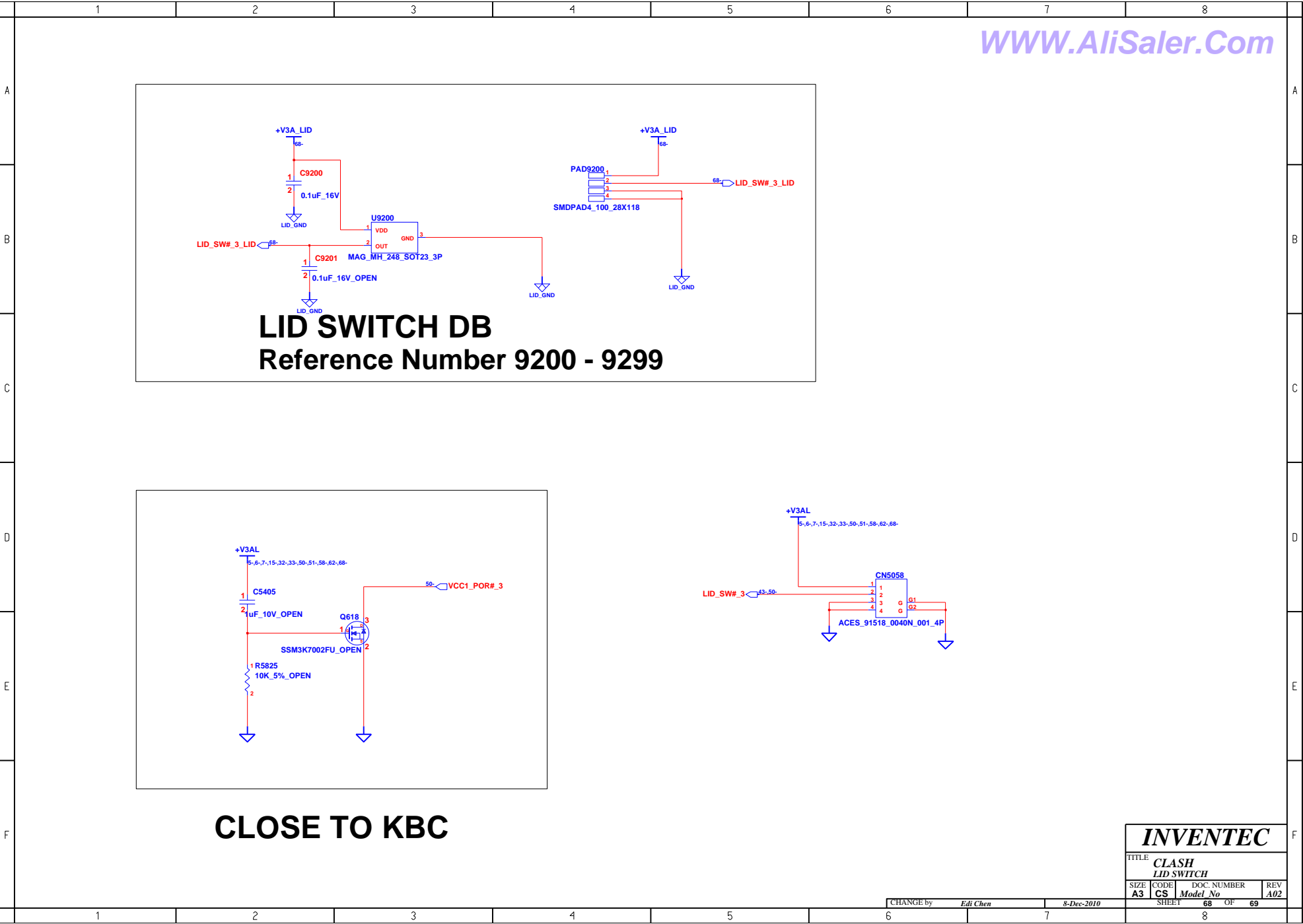
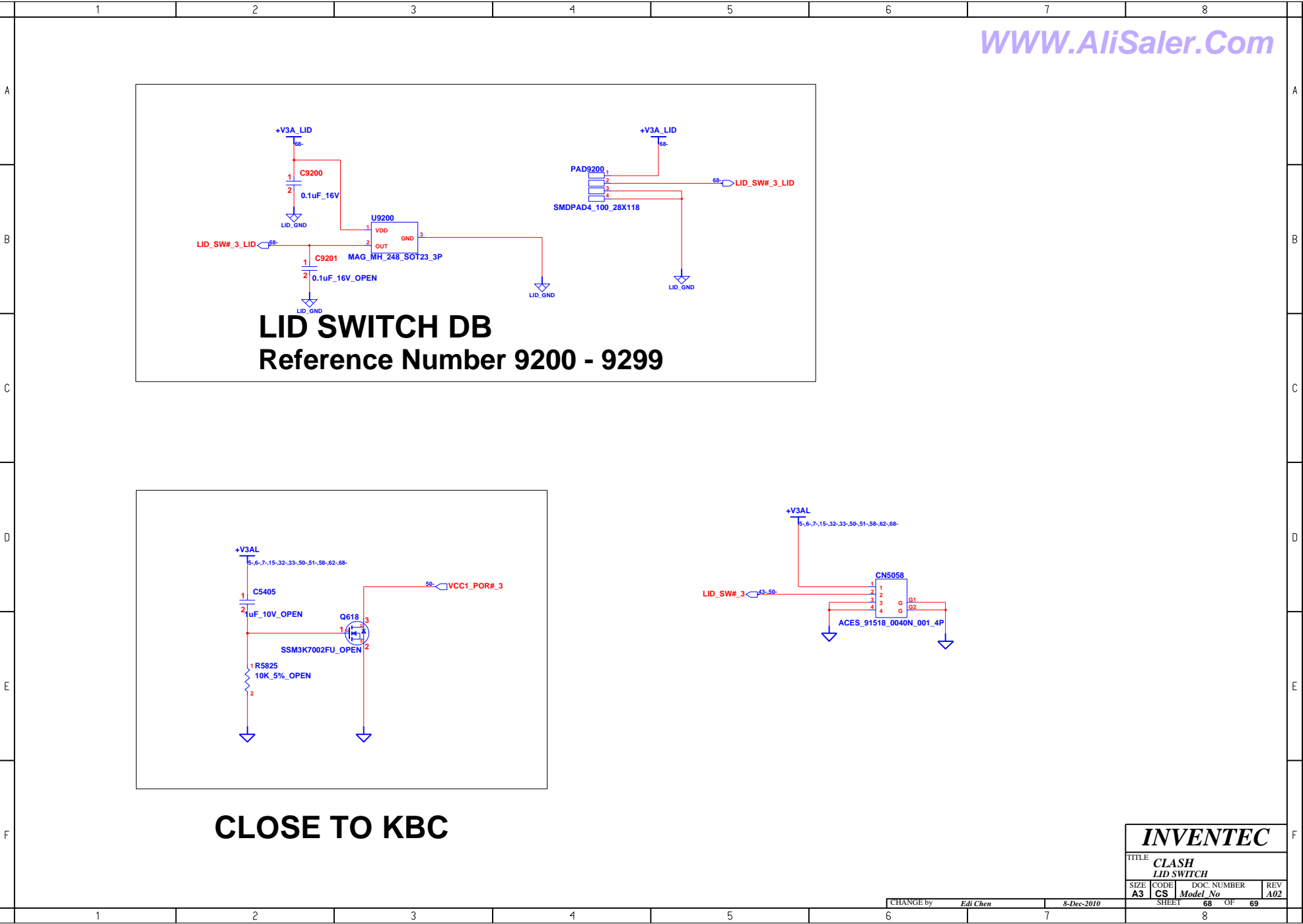
INVENTEC			
TITLE CLASH CARD READER CTRL			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by Edi Chen		8-Dec-2010	
SHEET 67		OF 69	

WWW.AliSaler.Com

LID SWITCH DB  
Reference Number 9200 - 9299

CLOSE TO KBC

TITLE		CLASH LID SWITCH	
SIZE	CODE	DOC NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Edi Chen	8-Dec-2010
SHEET		68	OF 69

[illegible]

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LID SWITCH DB  
Reference Number 9200 - 9299

CLOSE TO KBC

TITLE		CLASH LID SWITCH	
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Edi Chen	8-Dec-2010
SHEET		68	OF 69

