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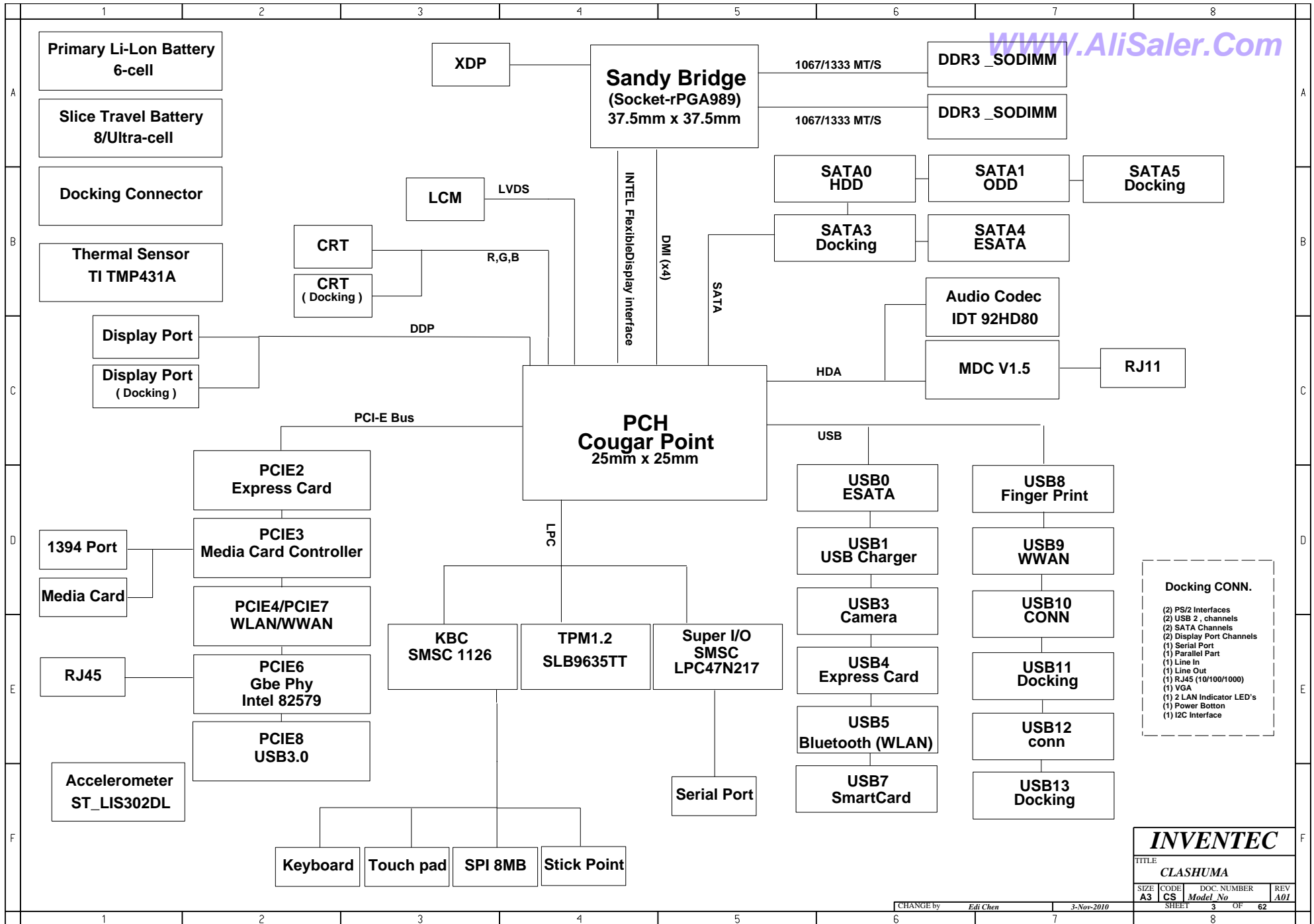
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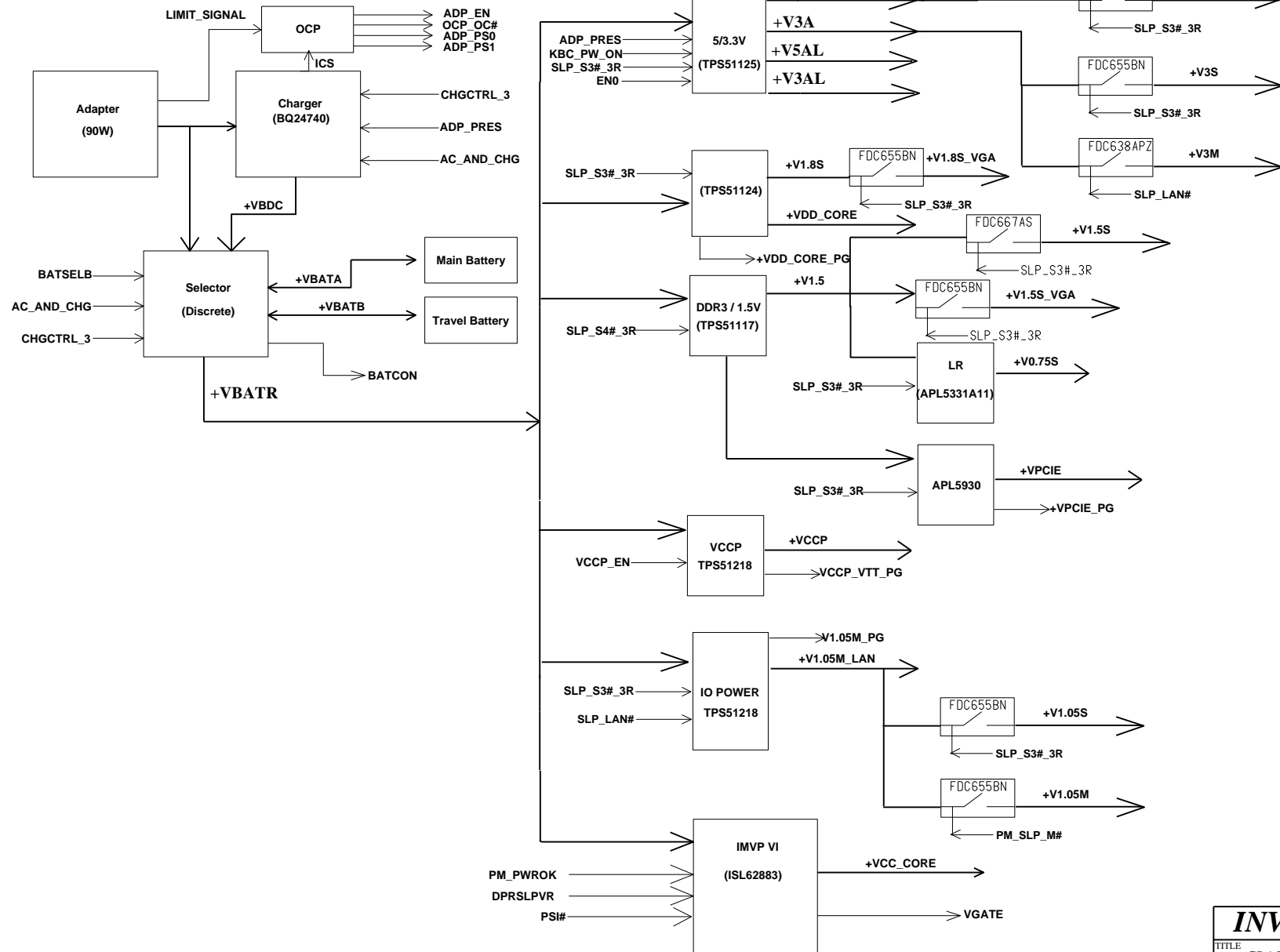
TITLE  
**CLASHUMA**

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>Model No</i>	REV <b>A01</b>
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CHANGE by *Edi Chen* 4-Nov-2010

SHEET 2 OF 62





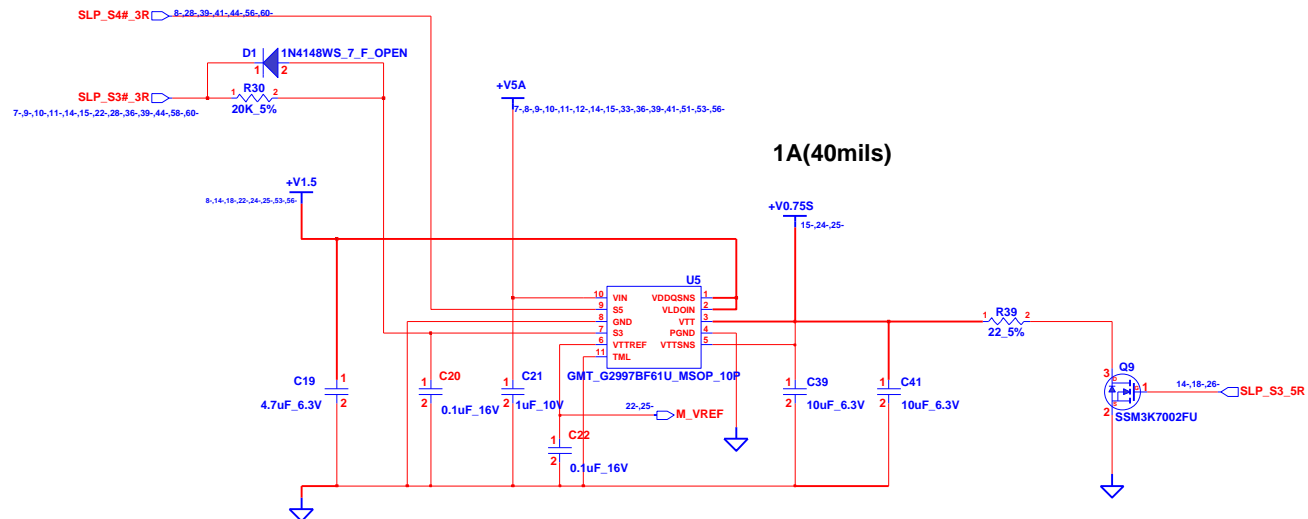
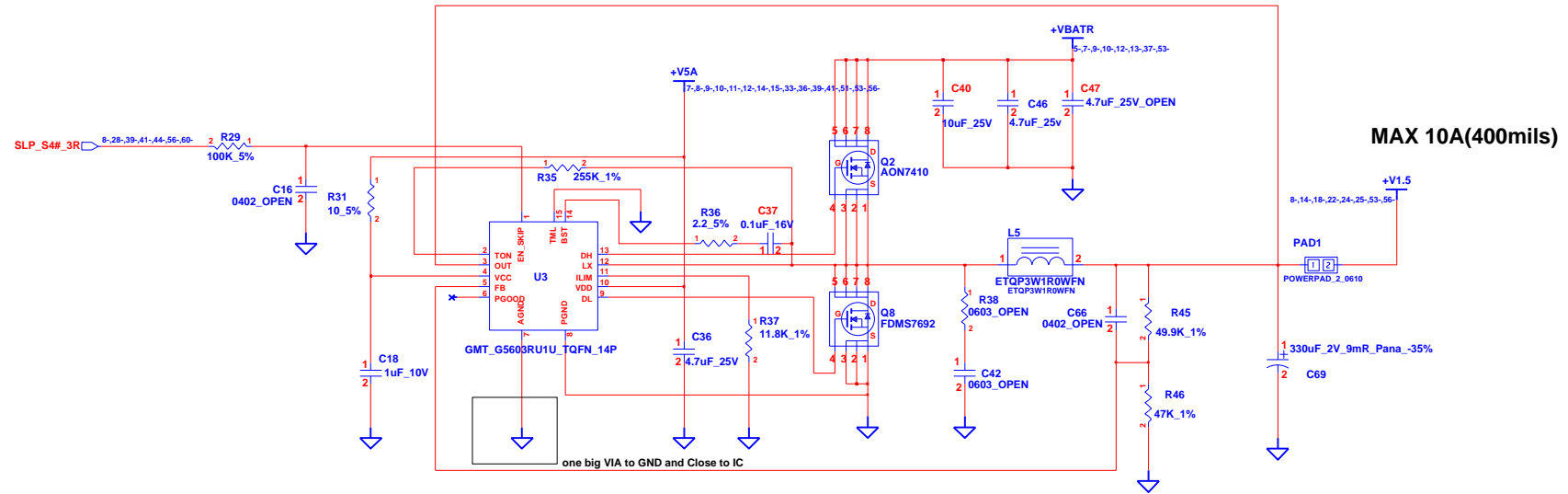
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TITLE CLASHUMA			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET		4	OF 62

CHANGE by *Edi Chen* 3-Nov-2010









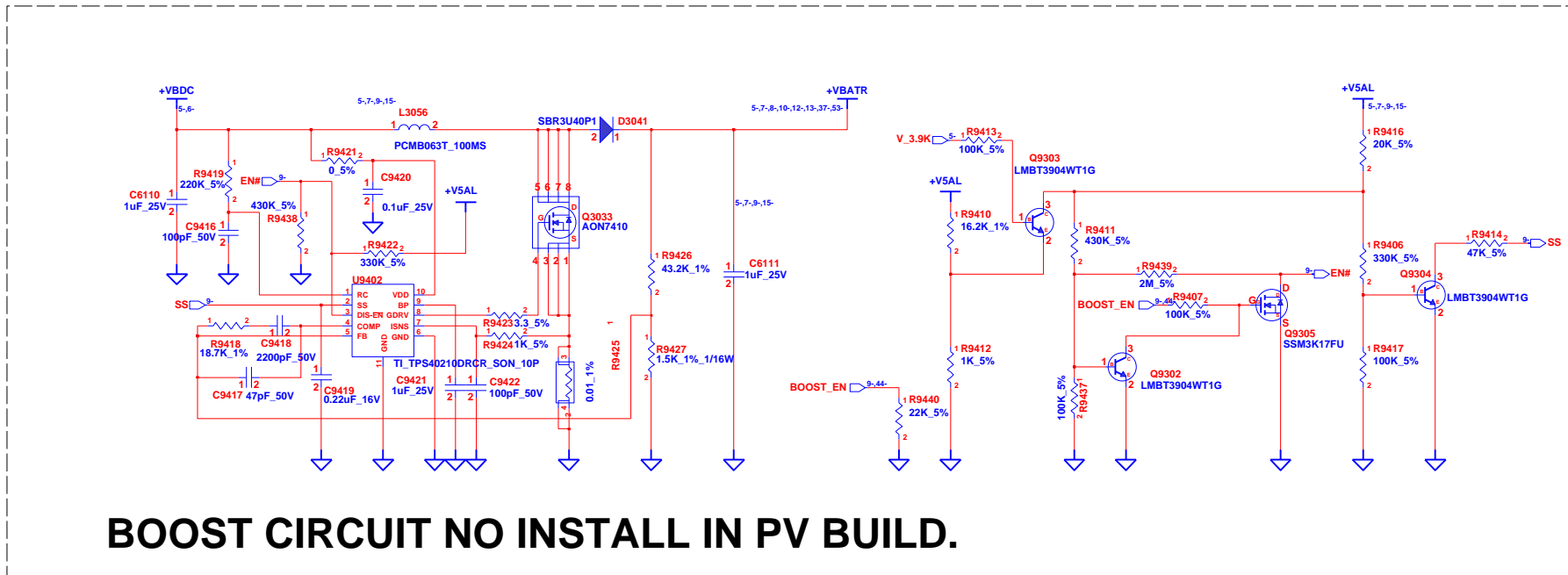
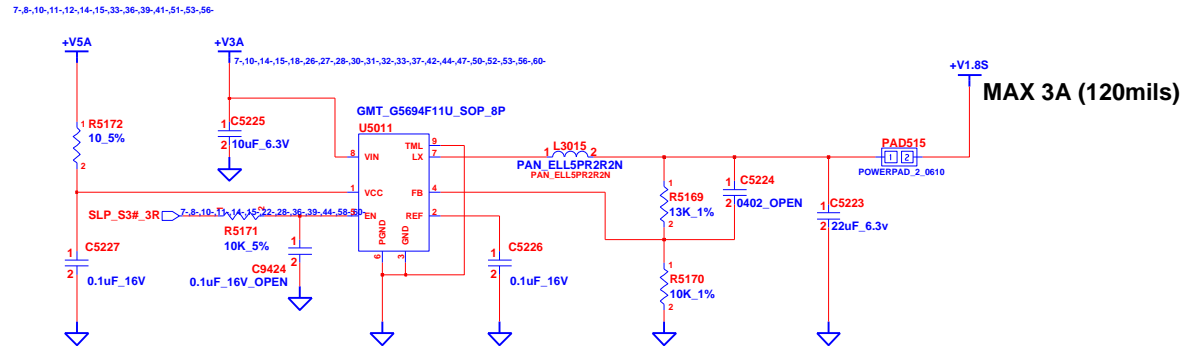
**INVENTEC**

TITLE			
CLASHUMA			
SYSTEM POWER(+V1.5/MREF)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by: *Edi Chen* 3-Nov-2010

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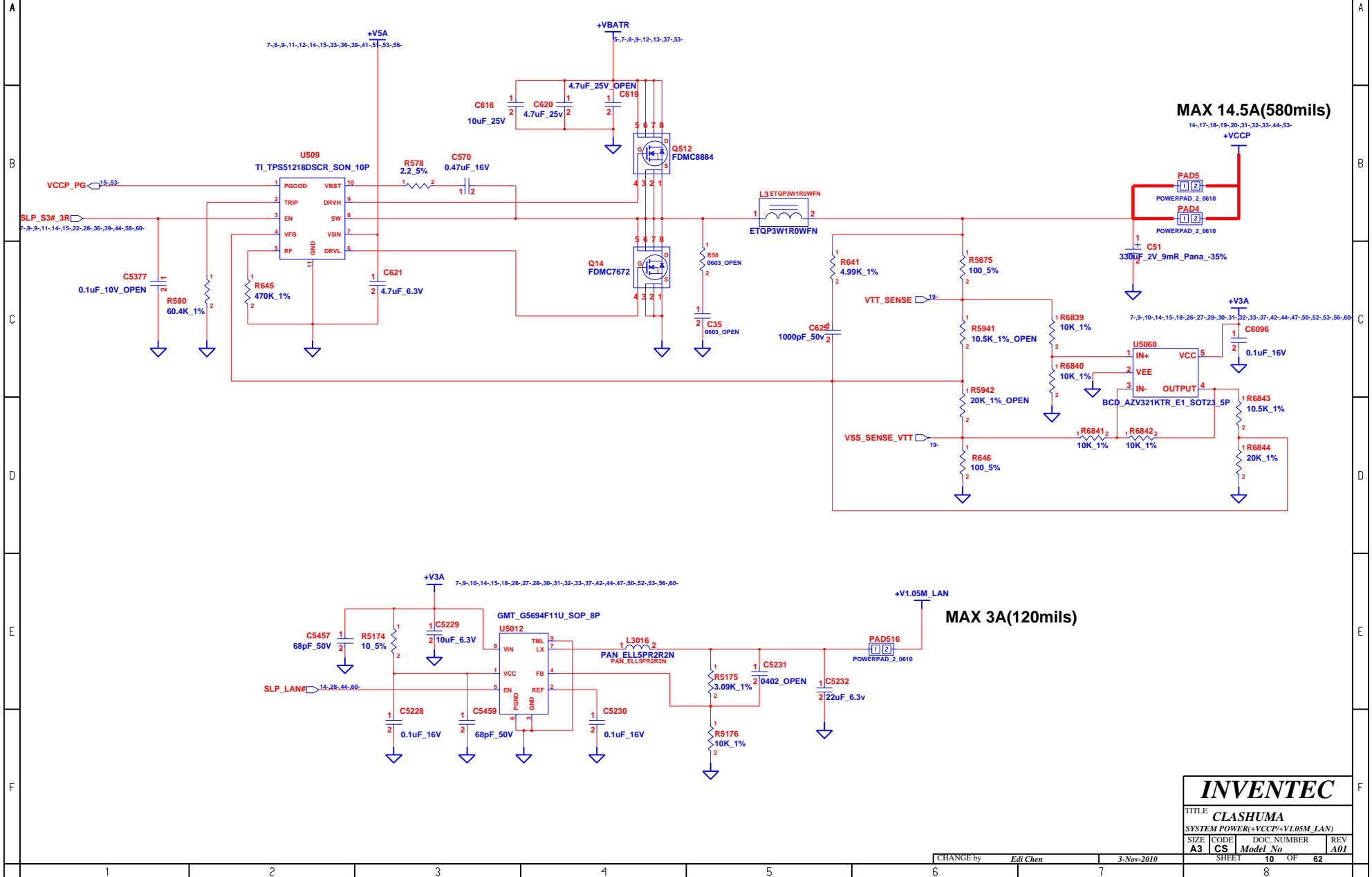
**BOOST CIRCUIT NO INSTALL IN PV BUILD.**

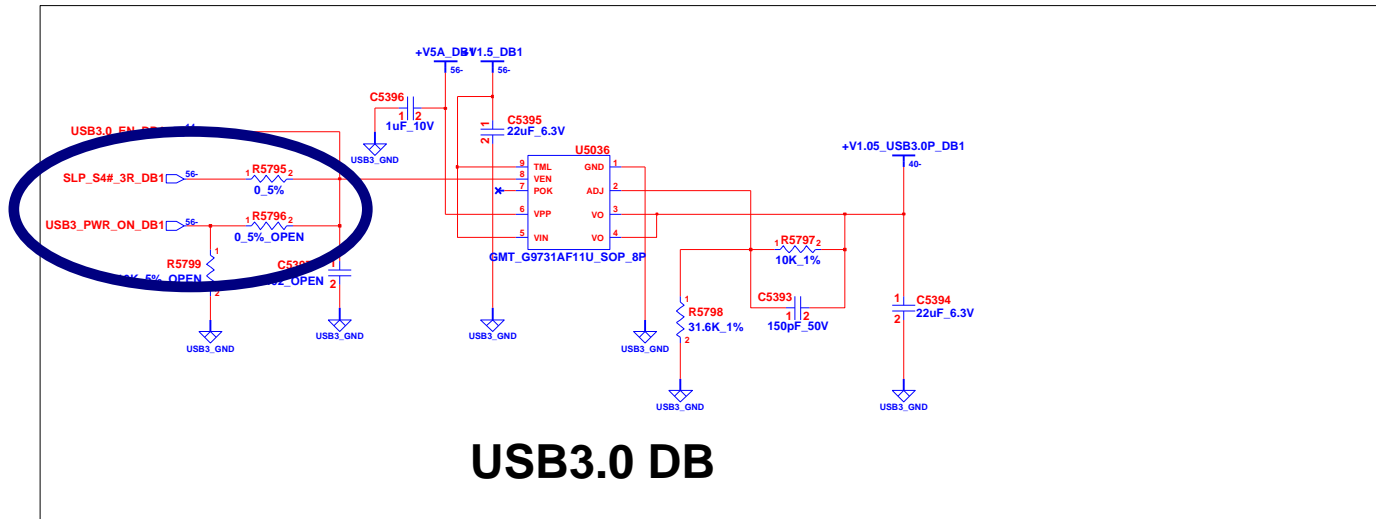
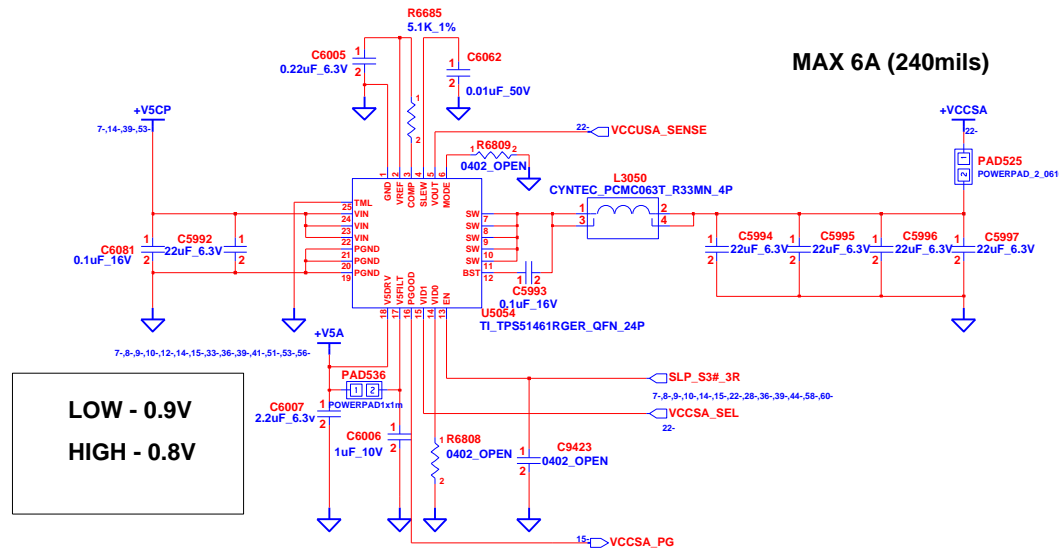
**INVENTEC**

TITLE: CLASHUMA  
GPU POWER(+V1.8S/TURBO BOOST)  
SIZE: A3 CODE: CS DOC. NUMBER: Model No REV: A01

CHANGE by: Edi Chen 3-Nov-2010

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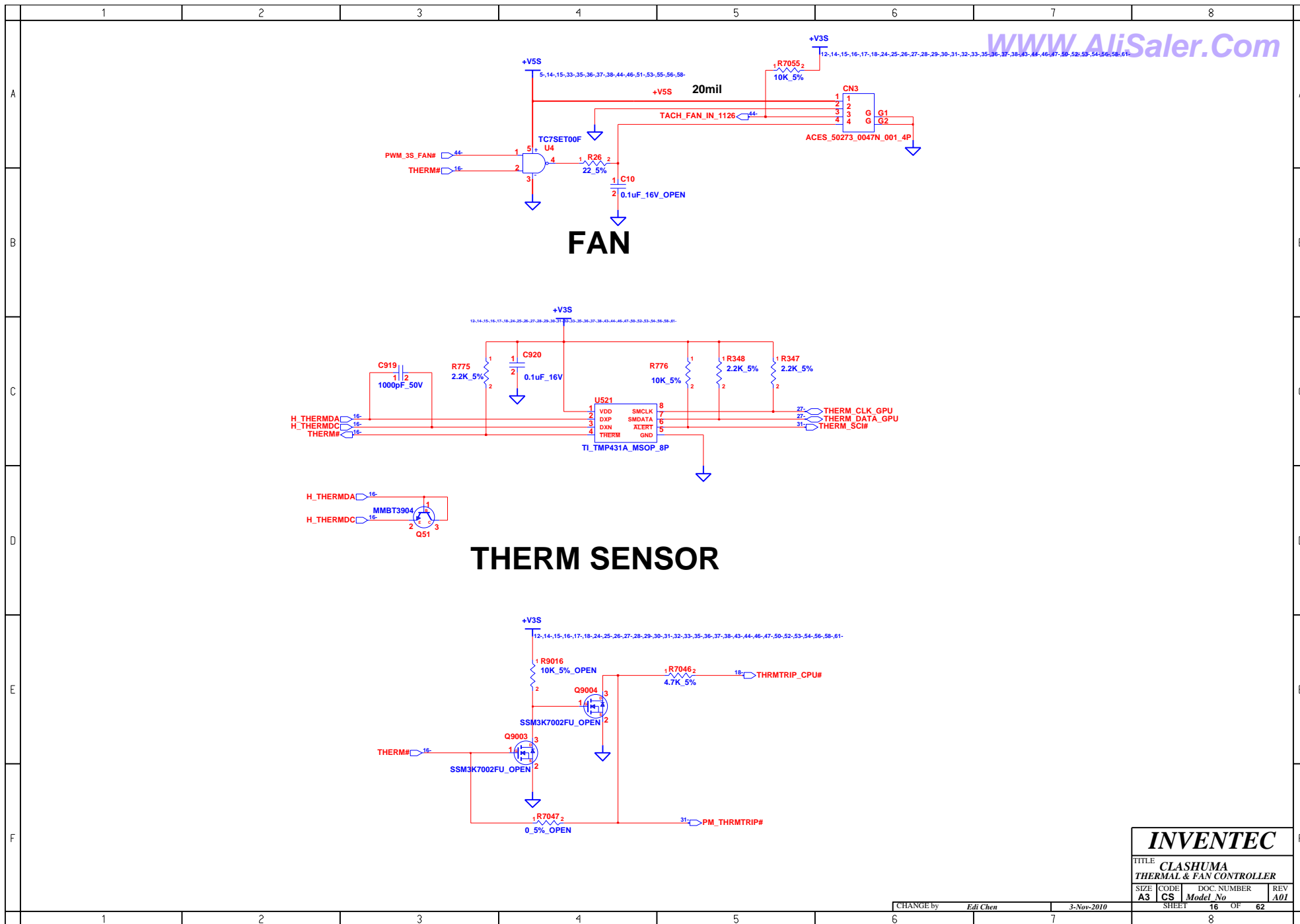
INVENTEC			
TITLE: CLASHUMA			
CPU POWER(VCC_SA/I.05S_USB30)			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: A01
CHANGE by: Edi Chen		3-Nov-2010	
SHEET: 11		OF: 62	



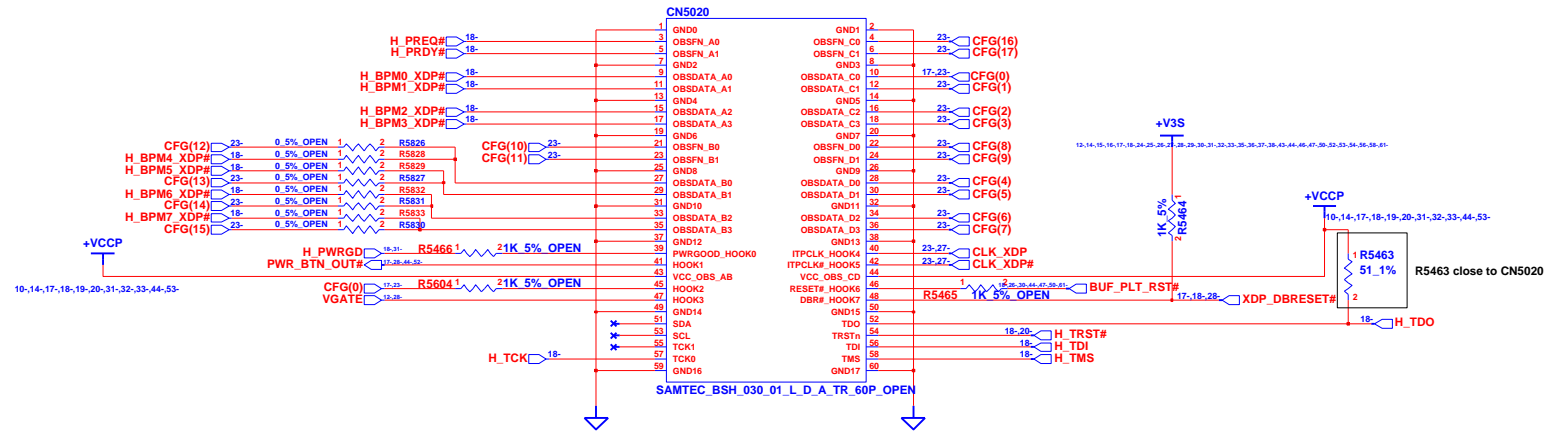




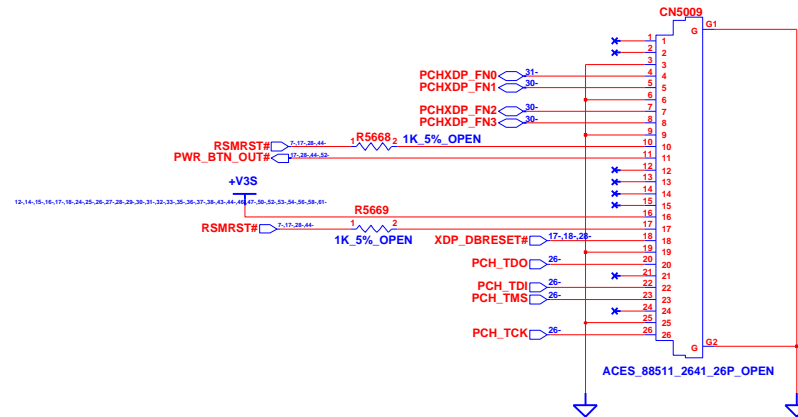








## CPU XDP CONNECTOR

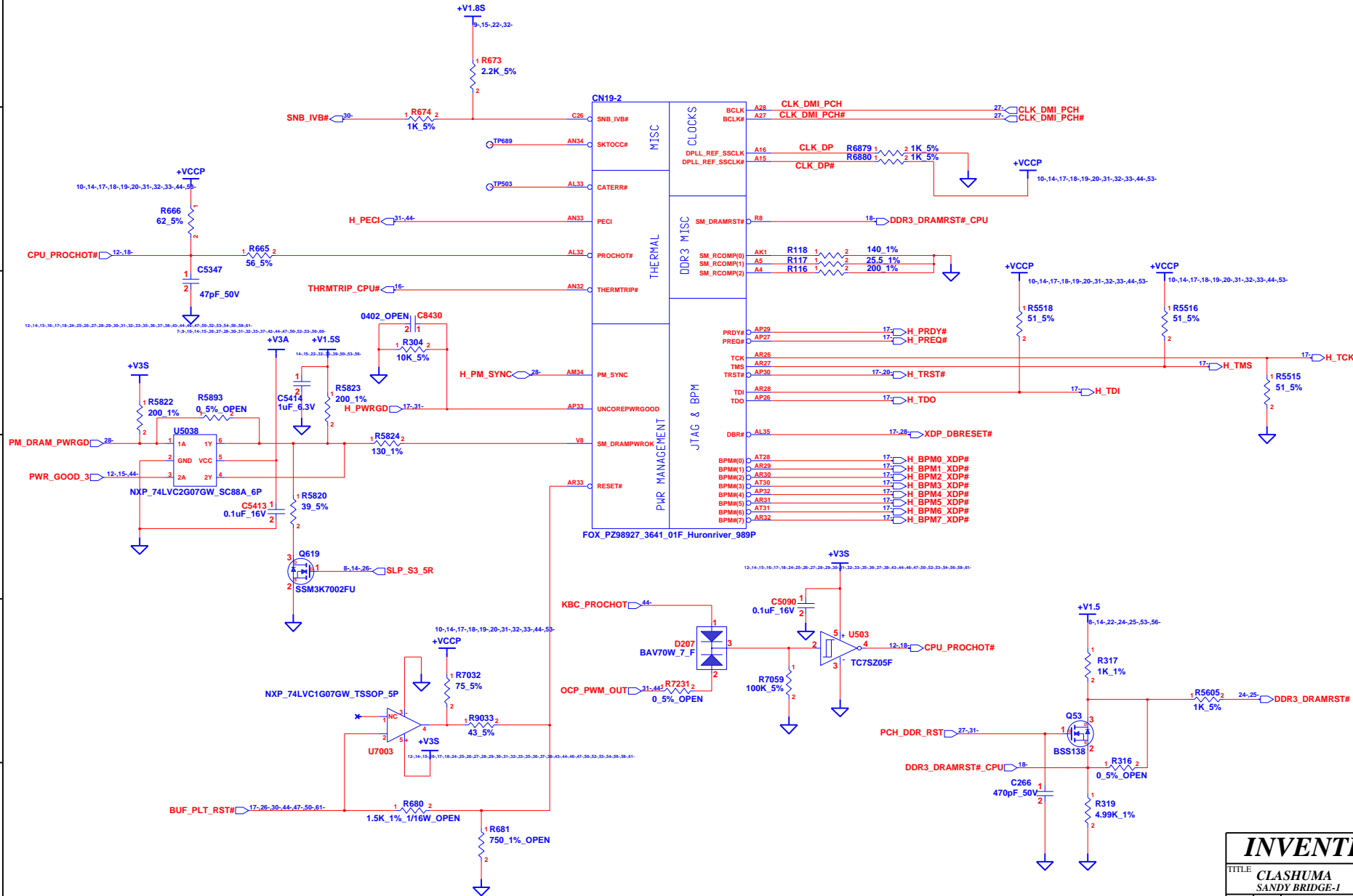


## PCH XDP CONNECTOR

**INVENTEC**

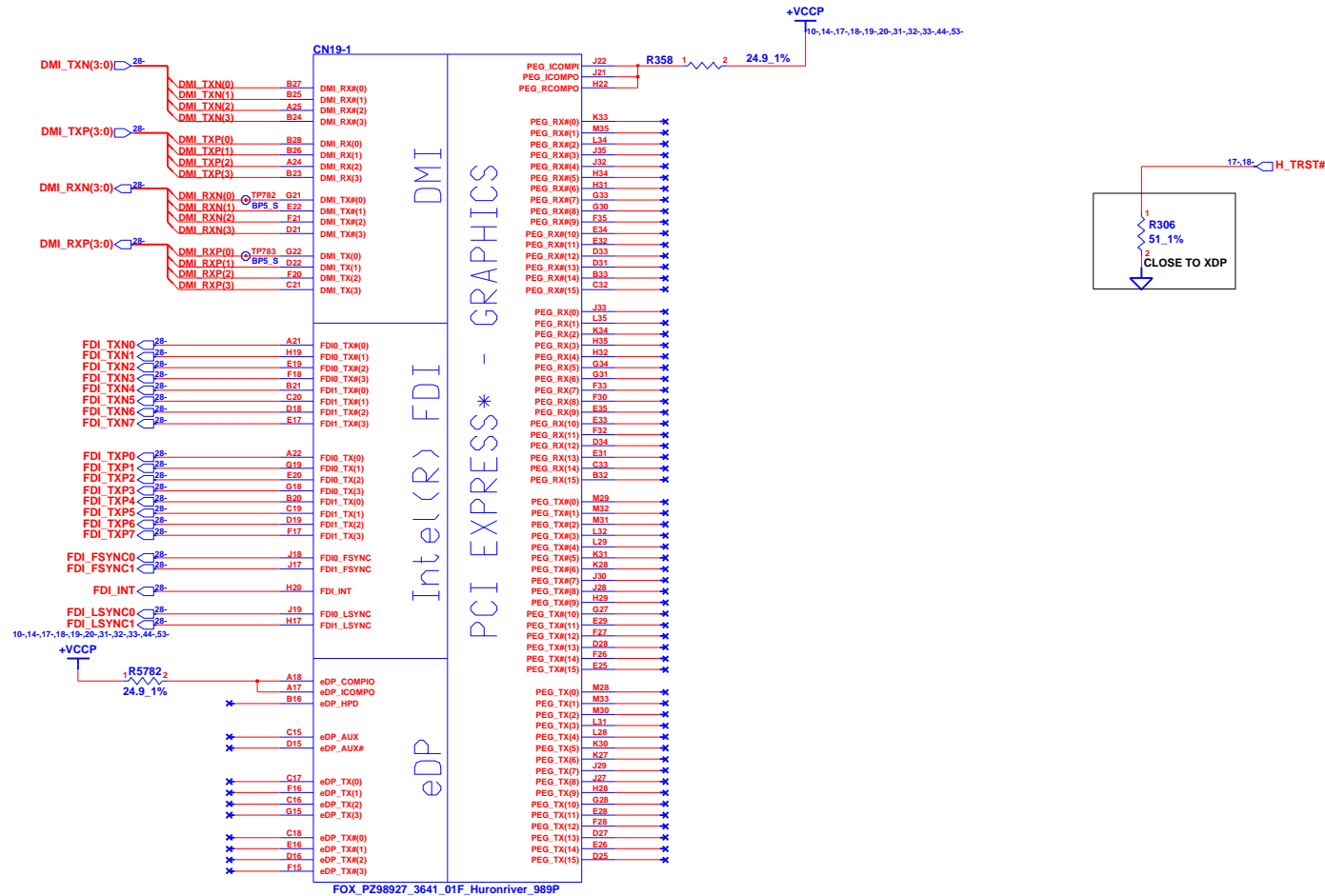
TITLE CLASHUMA XDP CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET		17	OF 62

CHANGE by *Edi Chen* 3-Nov-2010



INVENTEC			
TITLE: CLASHUMA SANDY BRIDGE-1			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: A01
CHANGE by: Edi Chen		3-Nov-2010	
SHEET: 18		OF: 62	





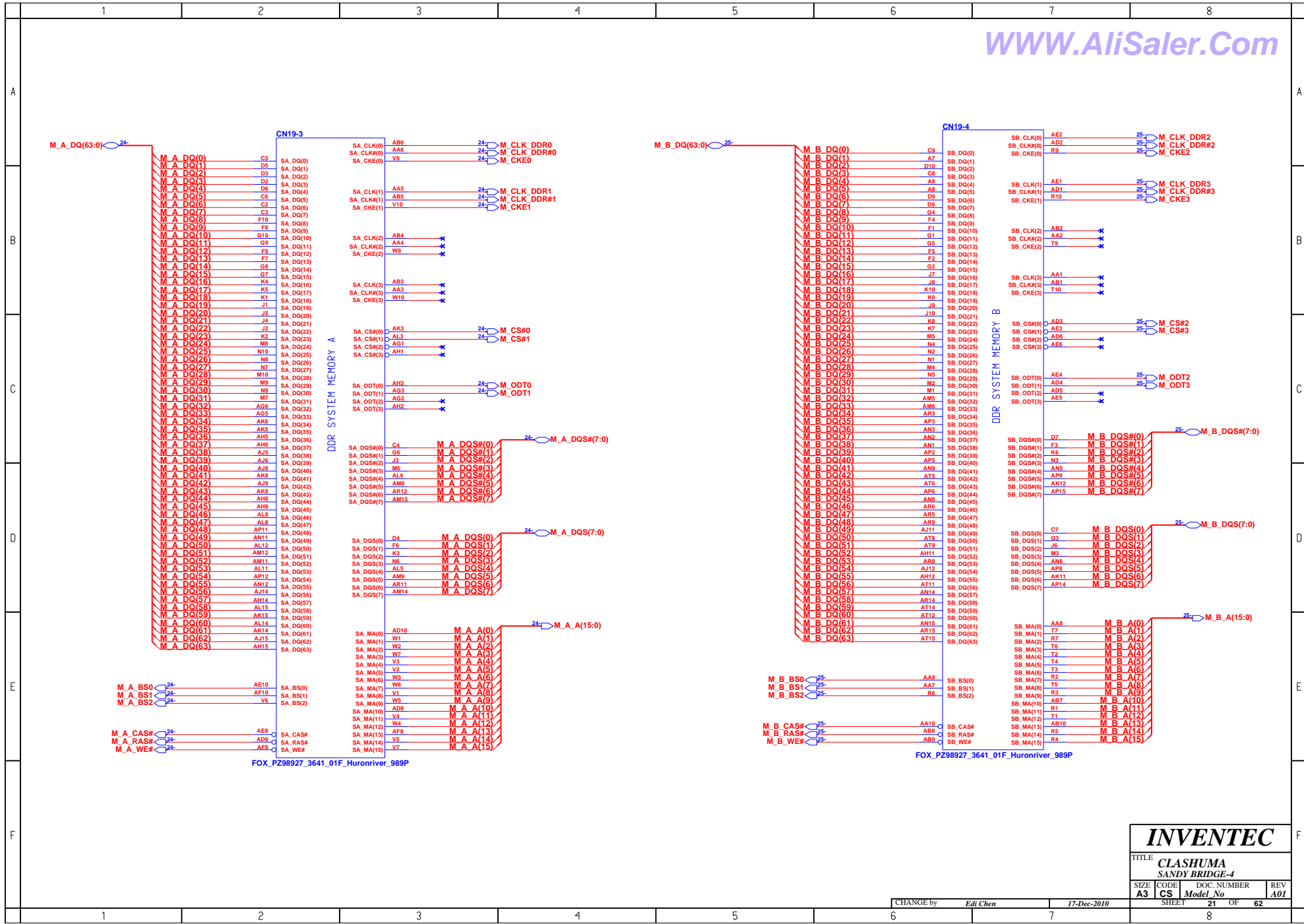
FOX\_PZ98927\_3641\_01F\_Huronriver\_989P

# INVENTEC

TITLE			
CLASHUMA			
SANDY BRIDGE-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by: Edi Chen 3-Nov-2010

SHEET 20 OF 62

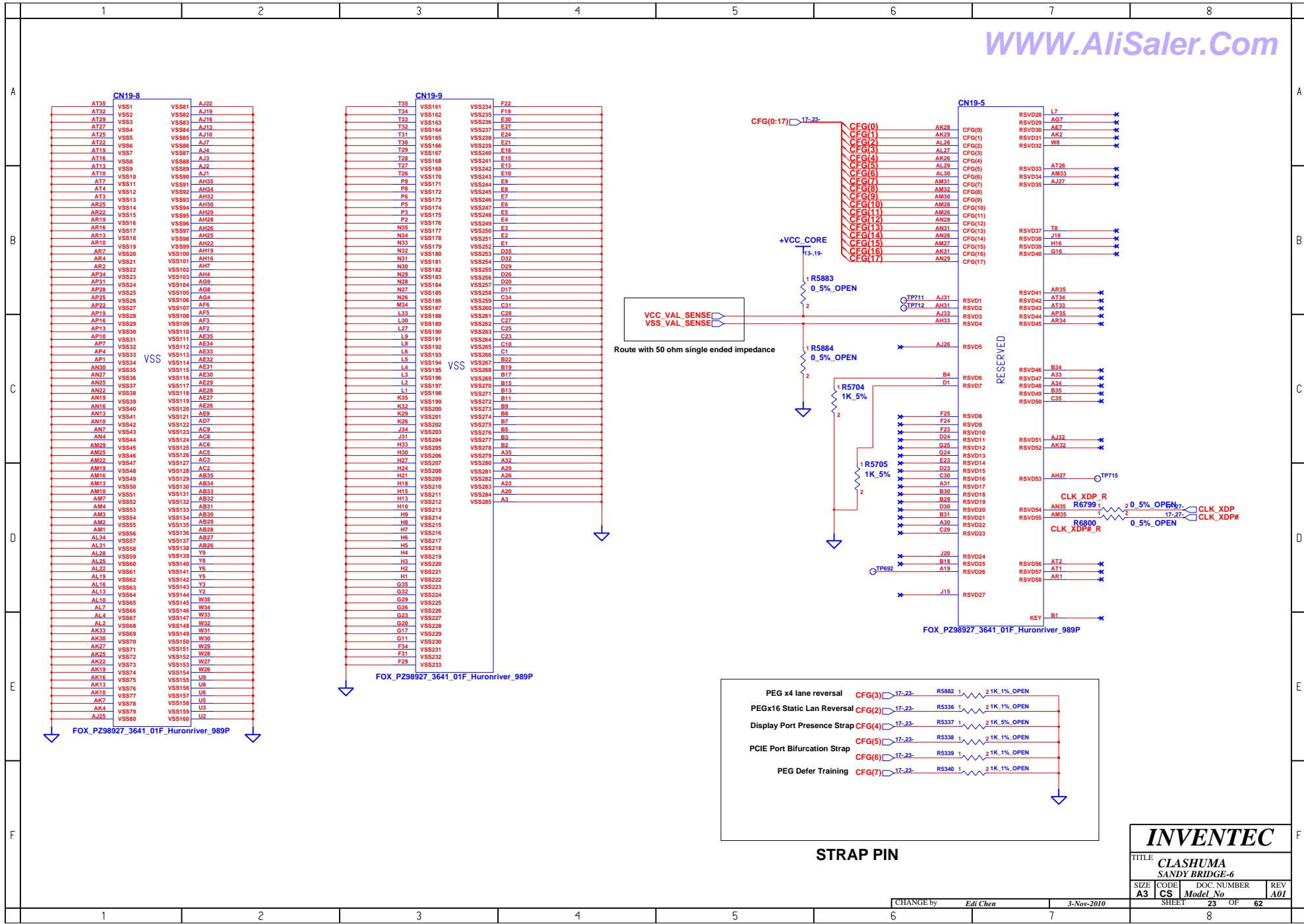


FOX\_PZ98927\_3641\_01F\_Huronriver\_989P

FOX\_PZ98927\_3641\_01F\_Huronriver\_989P

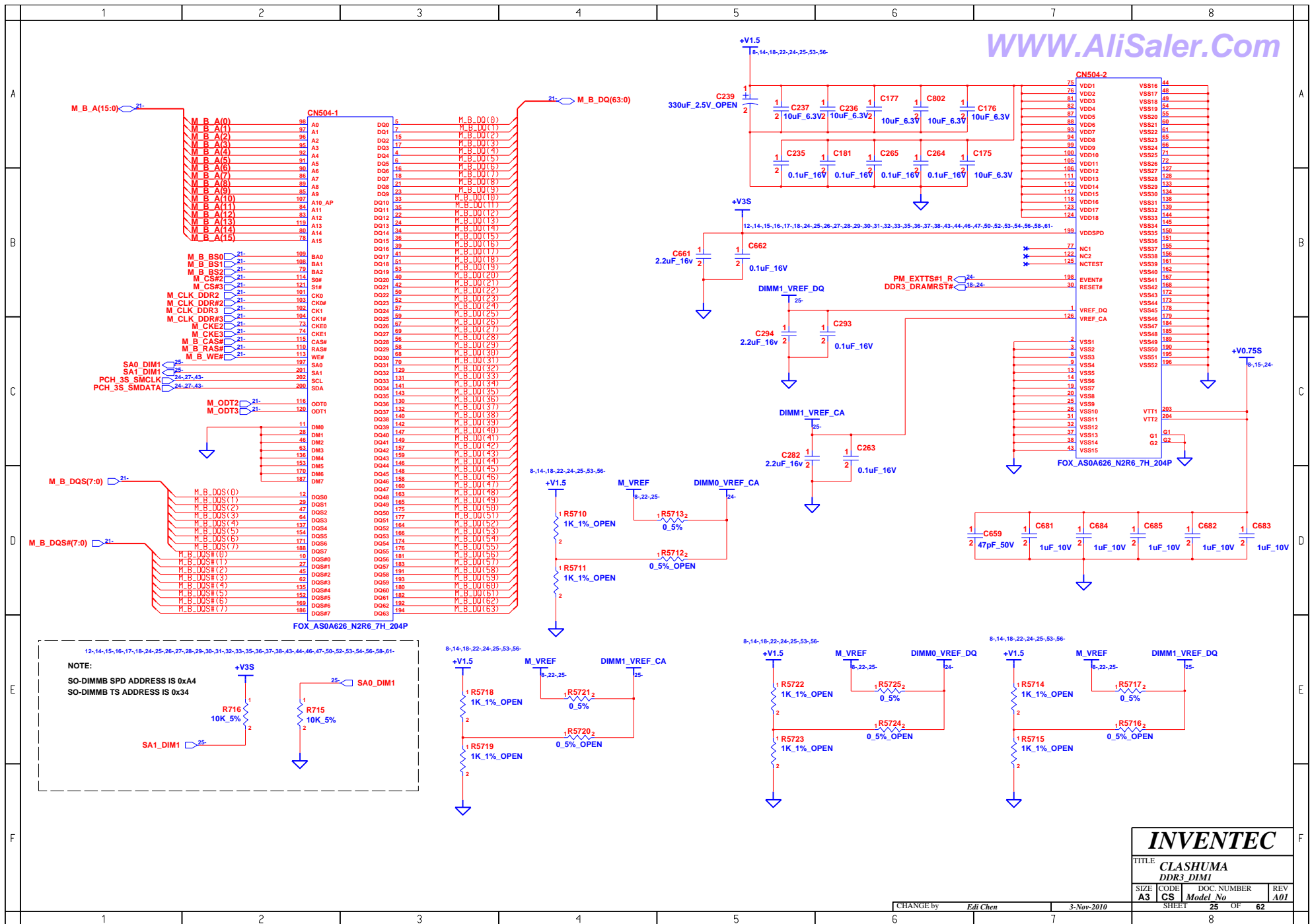
INVENTEC			
TITLE CLASHUMA SANDY BRIDGE-4			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Edi Chen		17-Dec-2010	
SHEET 21		OF 62	









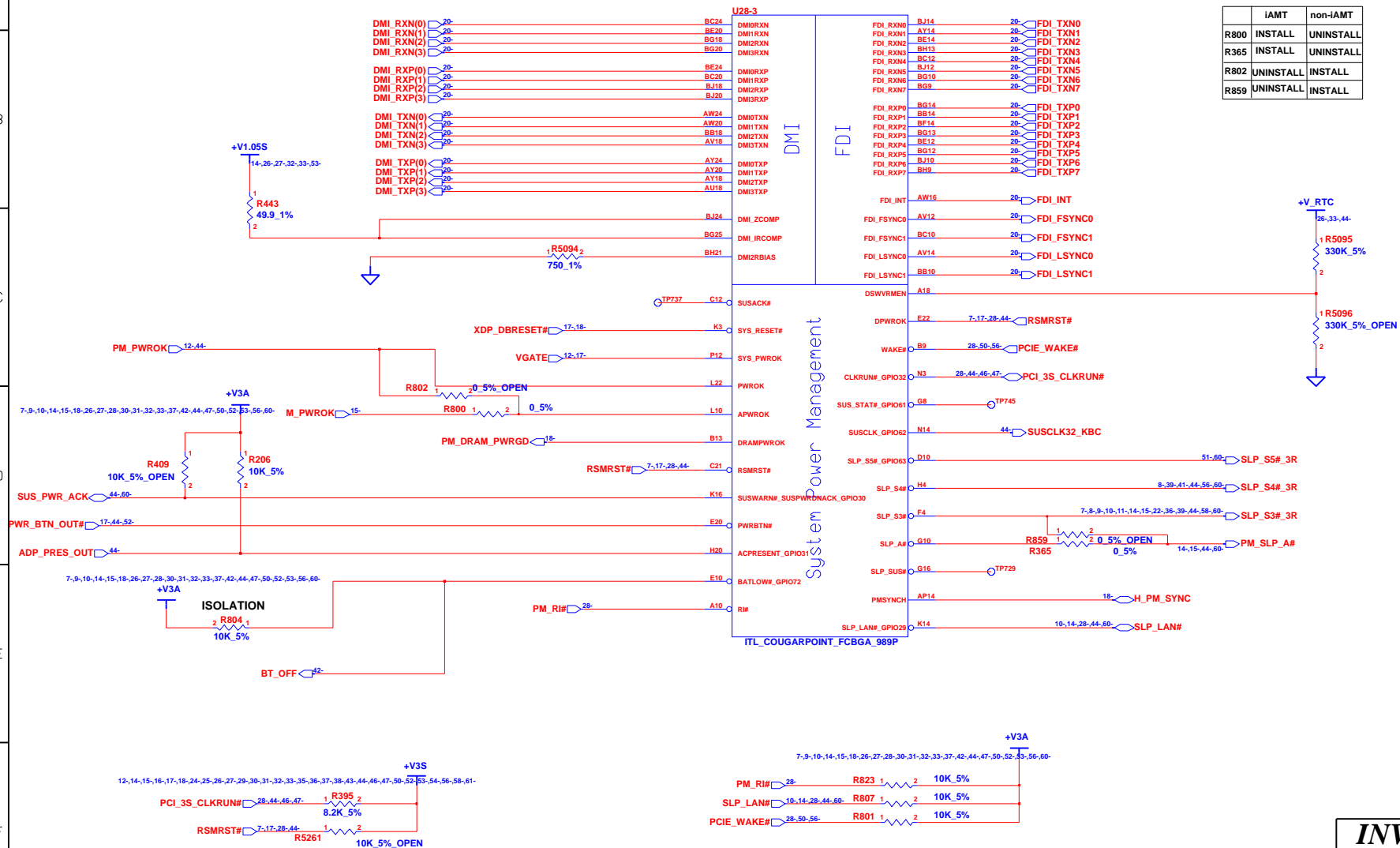






Note: 1.SLP\_SUS and SUSACK# are NC if DSW is not supported  
2.DPWROK should connect to RSMRST# if DSW not supported  
3.PCH\_DPWROK pull up to +V3S enables DSW support. No install R5261 to disable DSW

	iAMT	non-iAMT
R800	INSTALL	UNINSTALL
R365	INSTALL	UNINSTALL
R802	UNINSTALL	INSTALL
R859	UNINSTALL	INSTALL

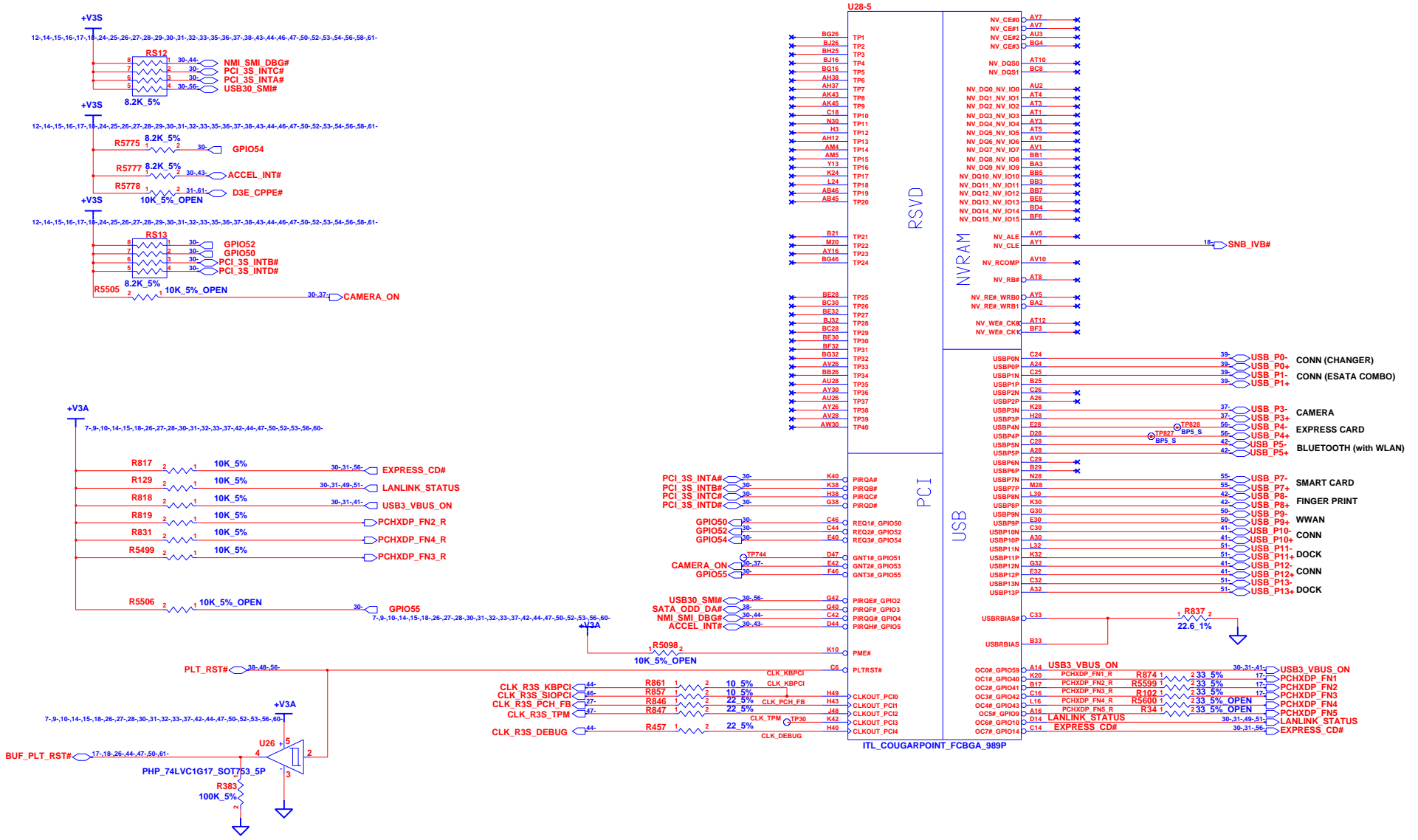


INVENTEC

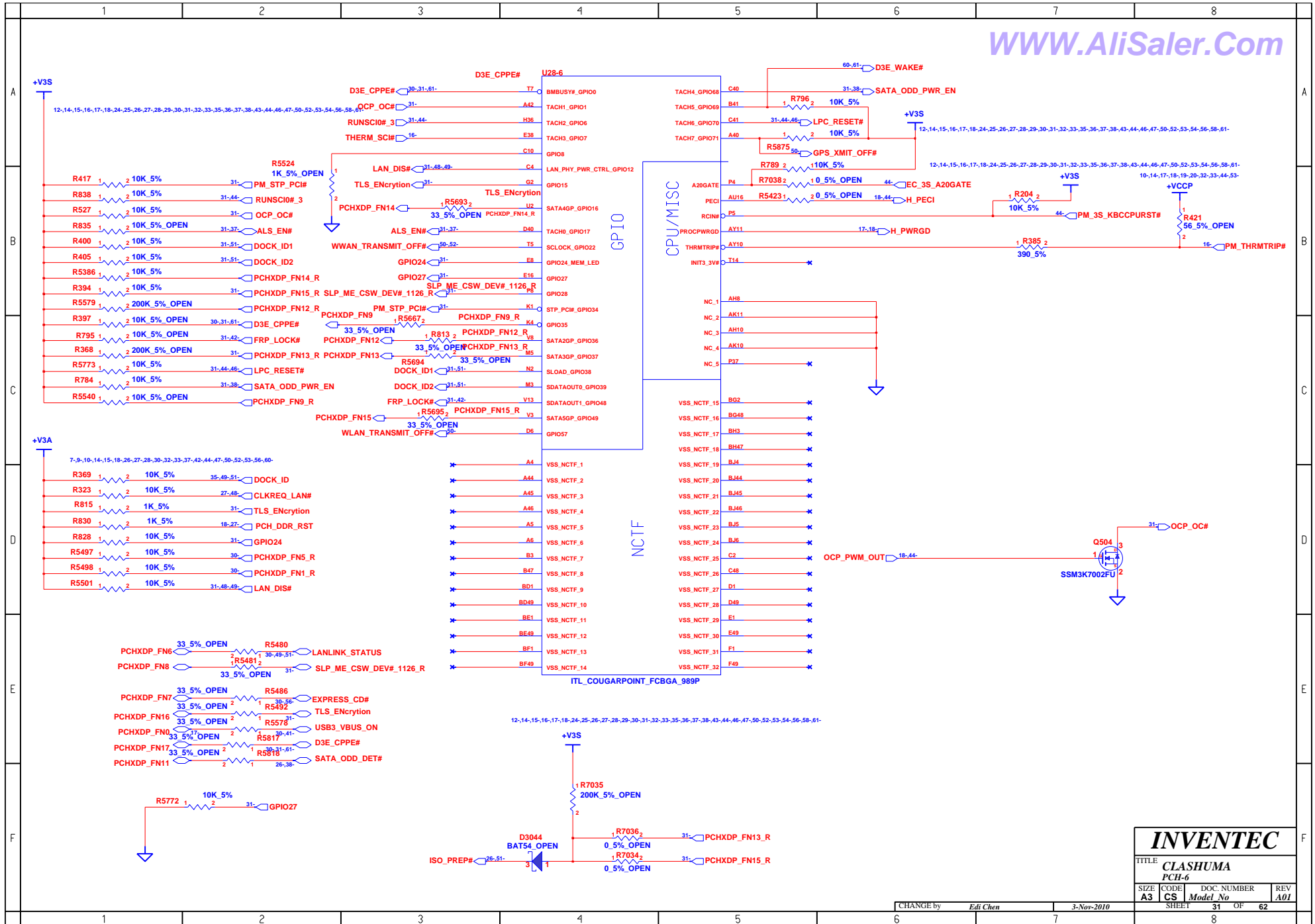
TITLE CLASHUMA PCH-3			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET 28		OF 62	

CHANGE by: Edi Chen 3-Nov-2010





INVENTEC			
TITLE: CLASHUMA PCH-5			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: A01
CHANGE by: Edi Chen		3-Nov-2010	
SHEET: 30		OF: 62	

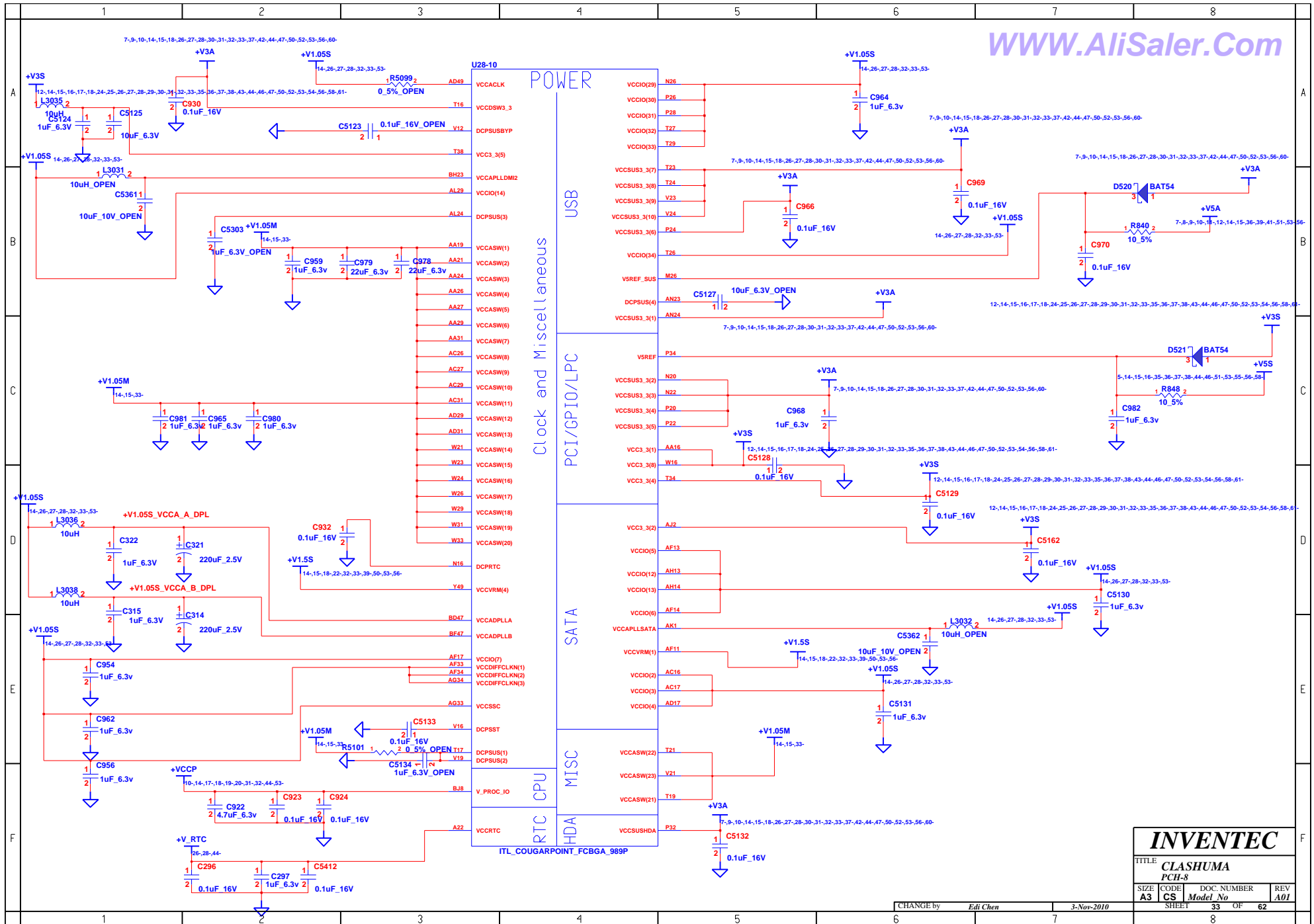


INVENTEC

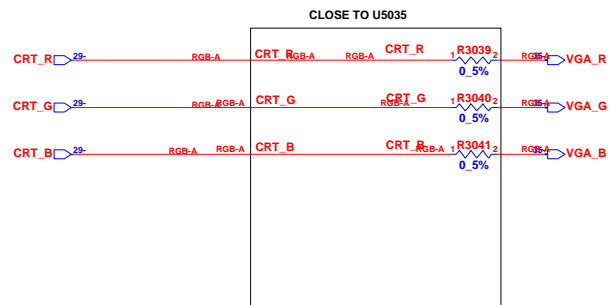
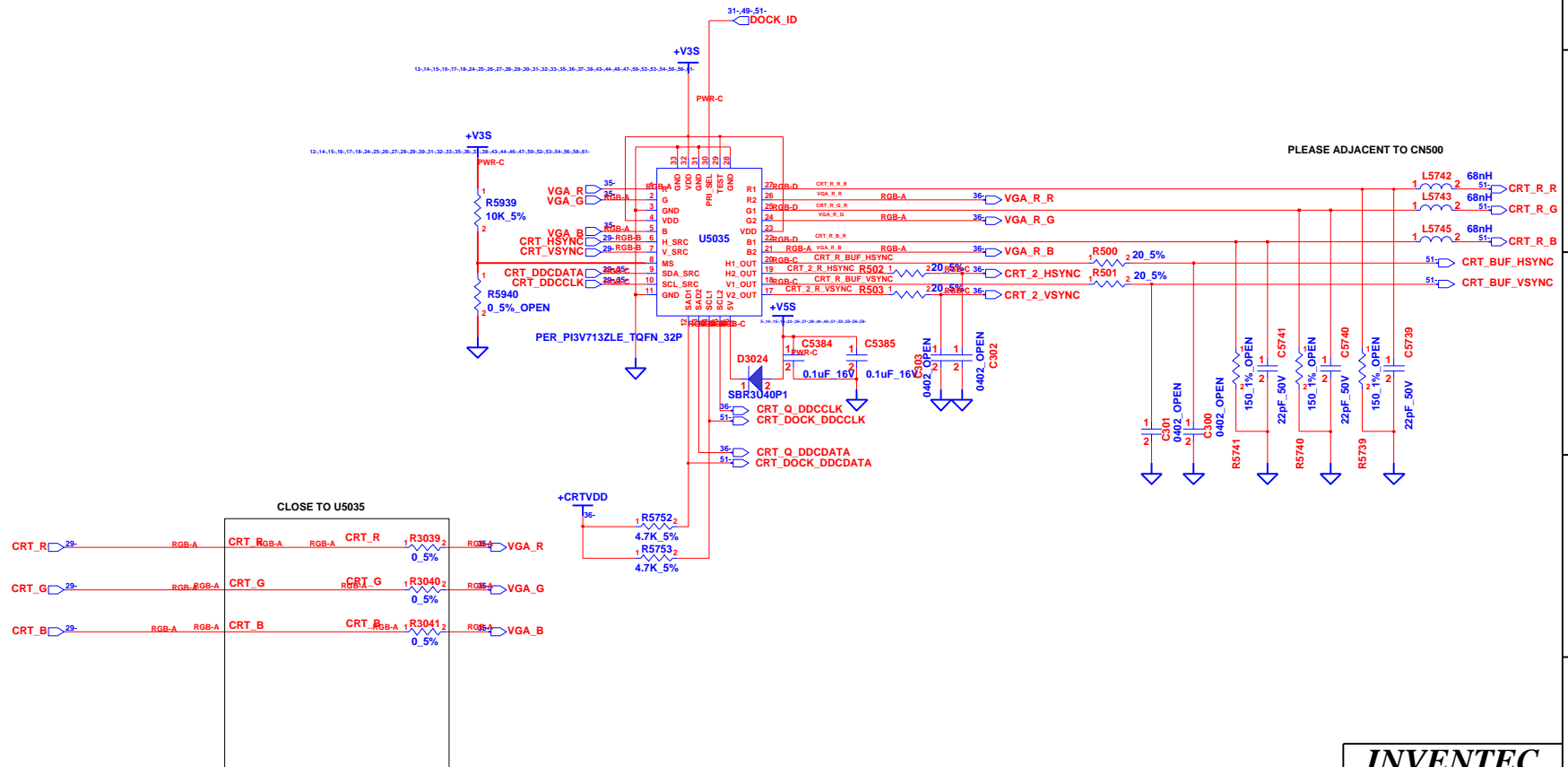
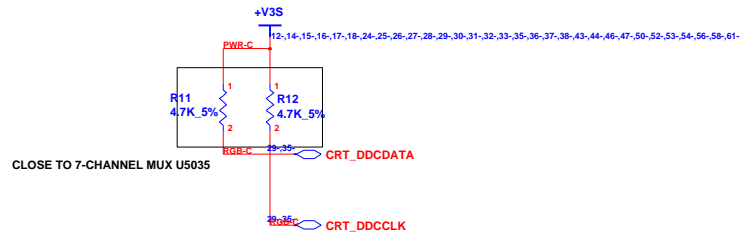
TITLE CLASHUMA PCH-6			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET 31		OF 62	





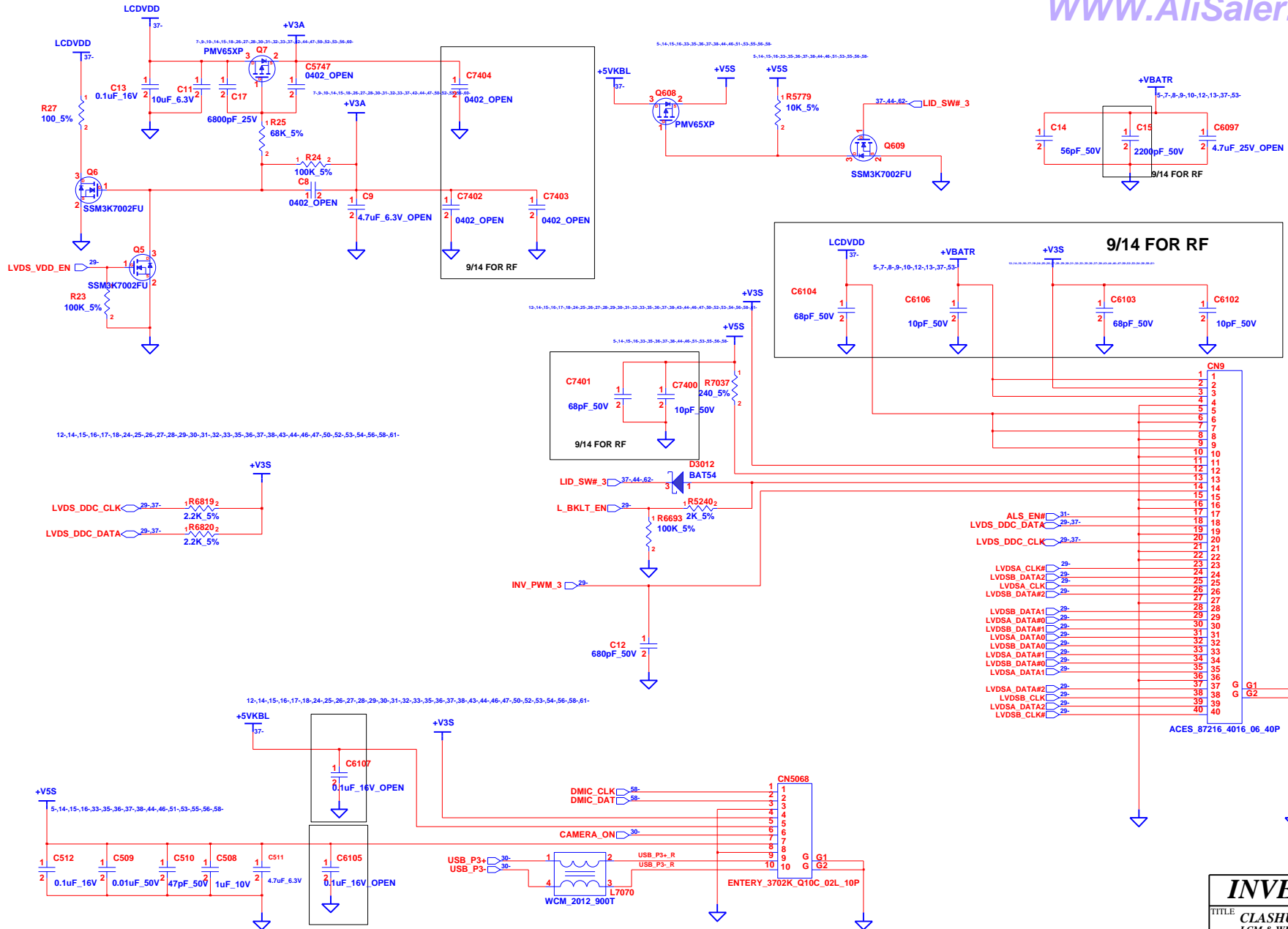






INVENTEC			
TITLE CLASHUMA VGA SWITCH			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Edi Chen		3-Nov-2010	
SHEET 35		OF 62	

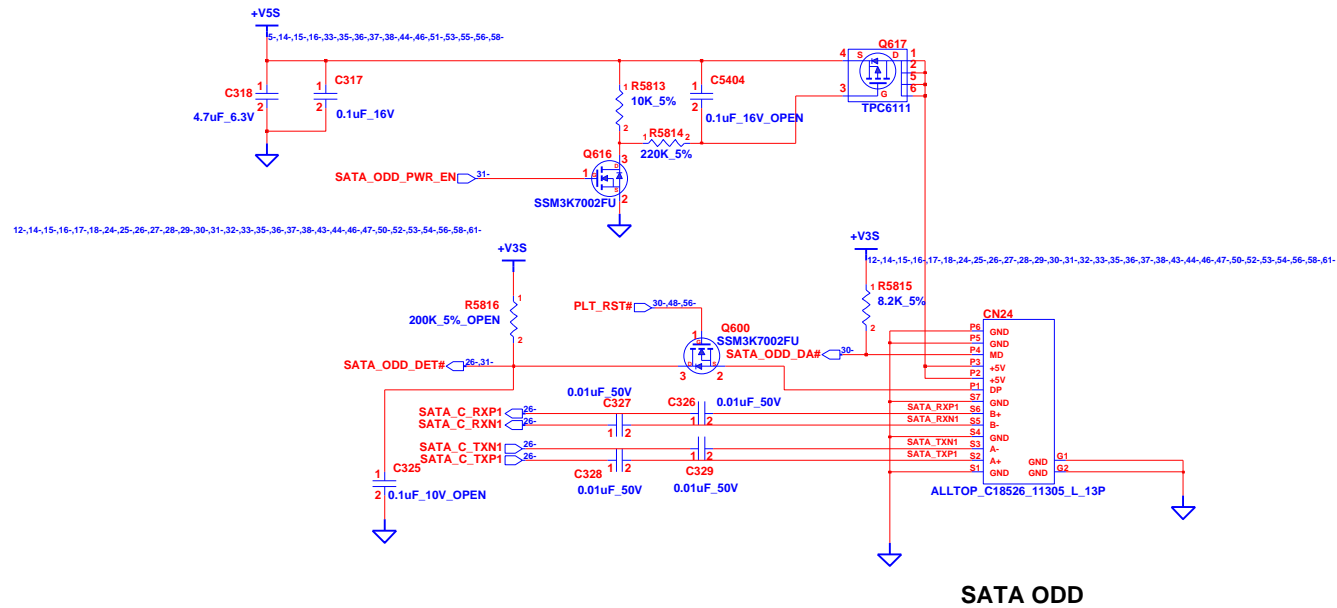
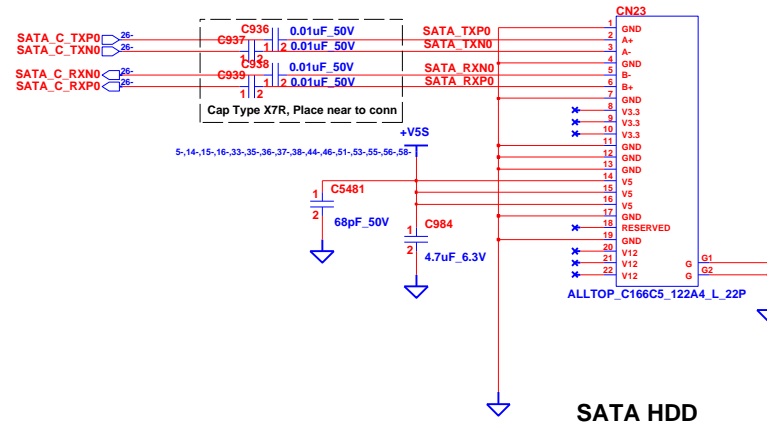




**INVENTEC**

TITLE: **CLASHUMA LCM & WEBCAM**  
 SIZE: **A3** CODE: **CS** DOC. NUMBER: **Model No** REV: **A01**  
 SHEET: **37** OF: **62**

CHANGE by: **Edi Chen** 3-Nov-2010

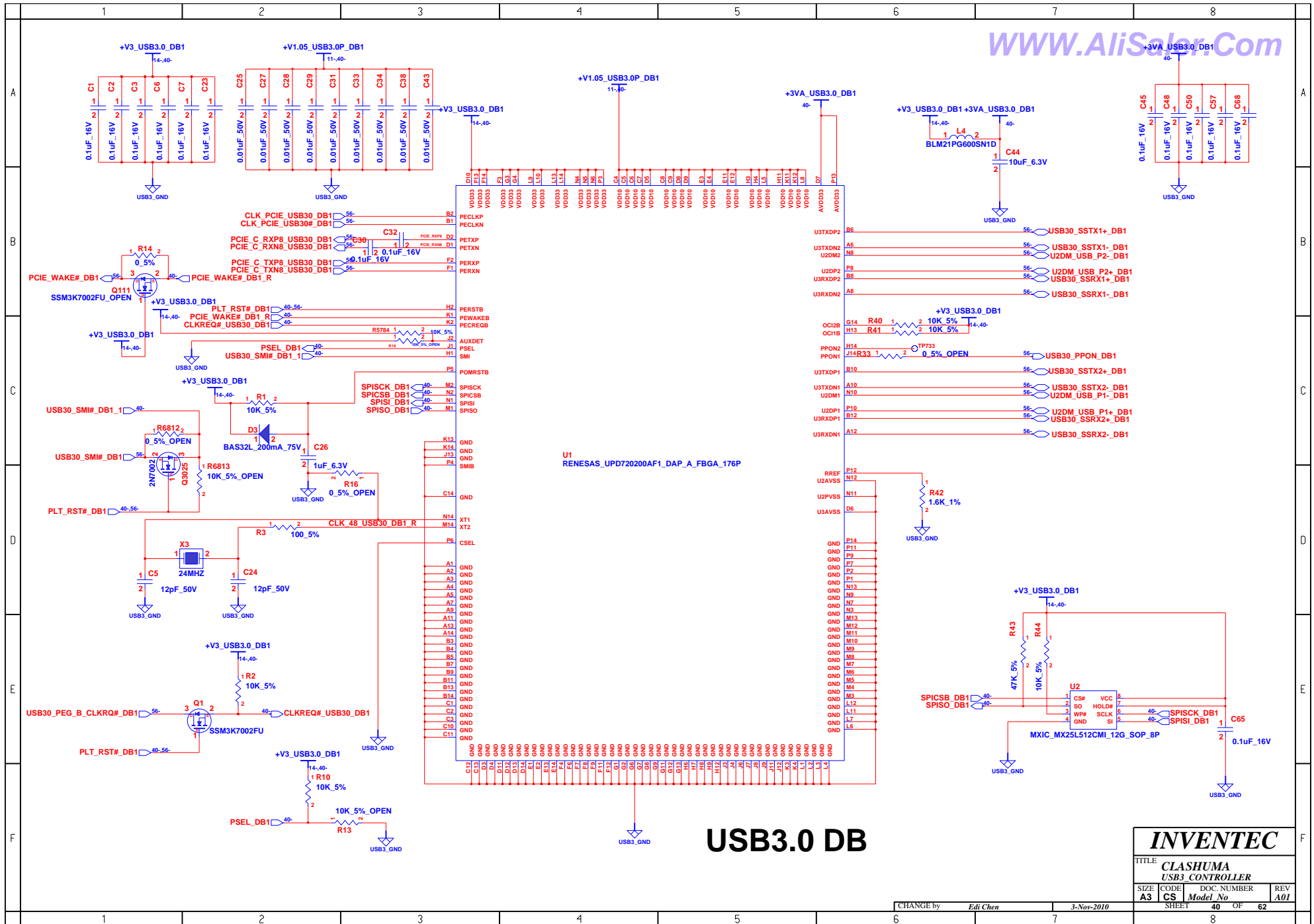


**INVENTEC**

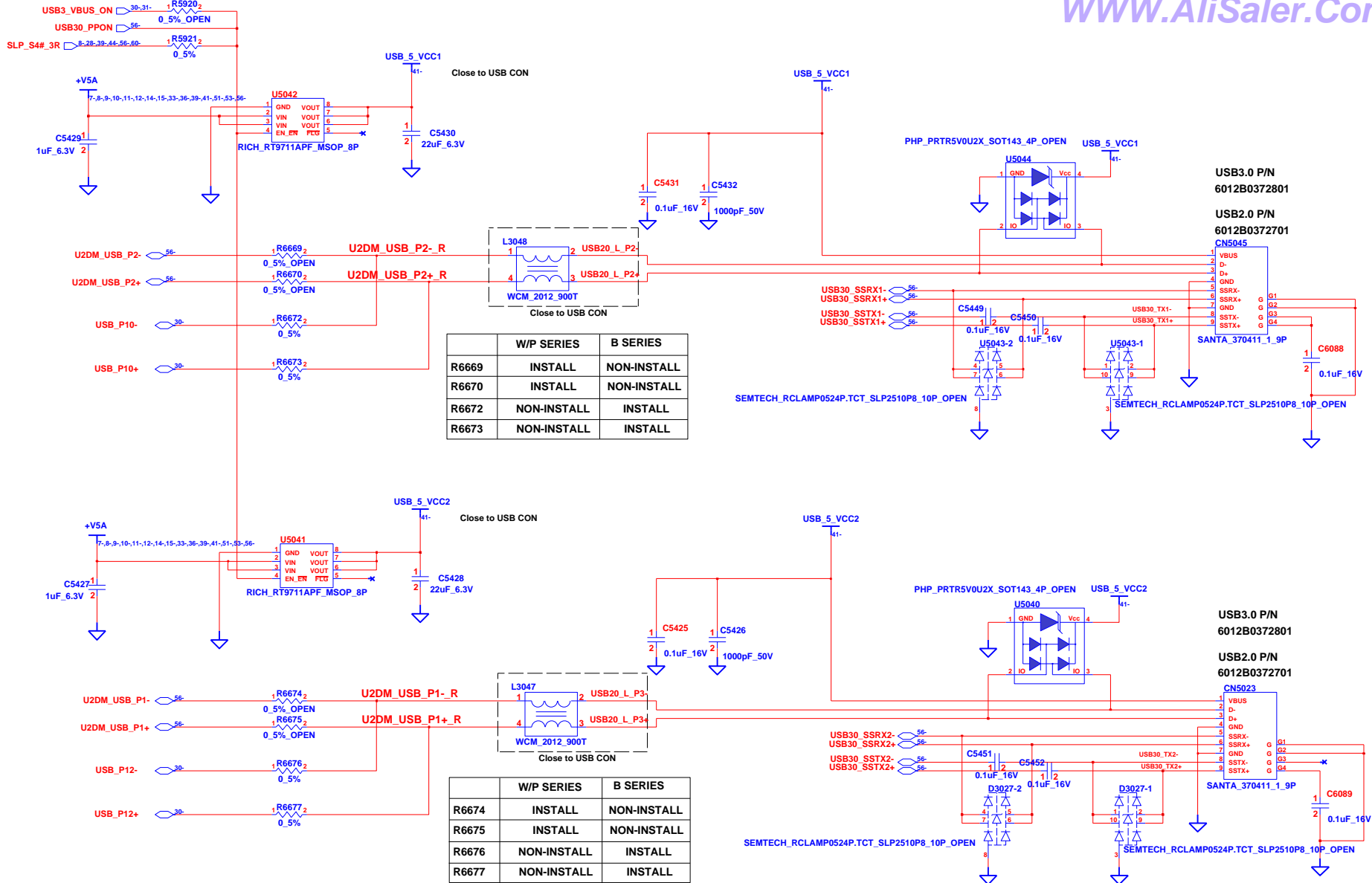
TITLE CLASHUMA SATA HDD & ODD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET 38		OF 62	

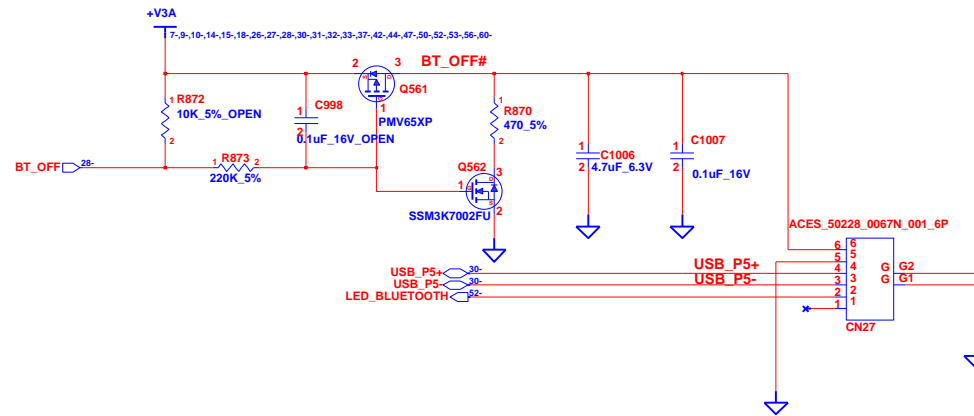
CHANGE by *Edi Chen* 3-Nov-2010



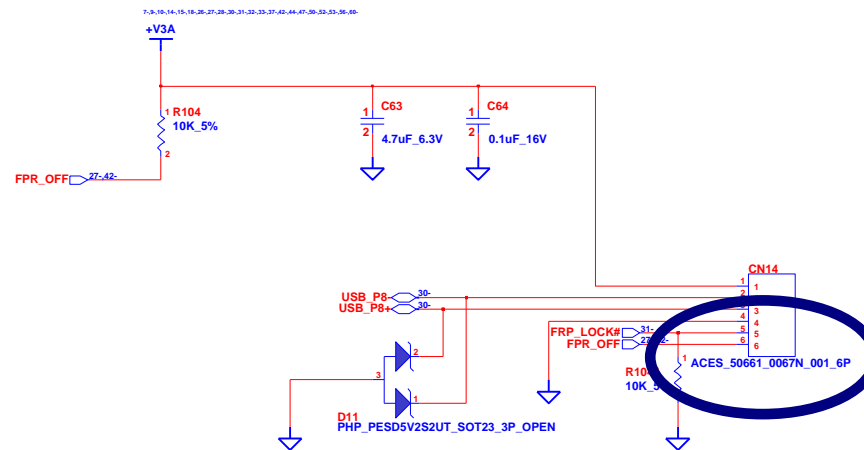








## BLUETOOTH

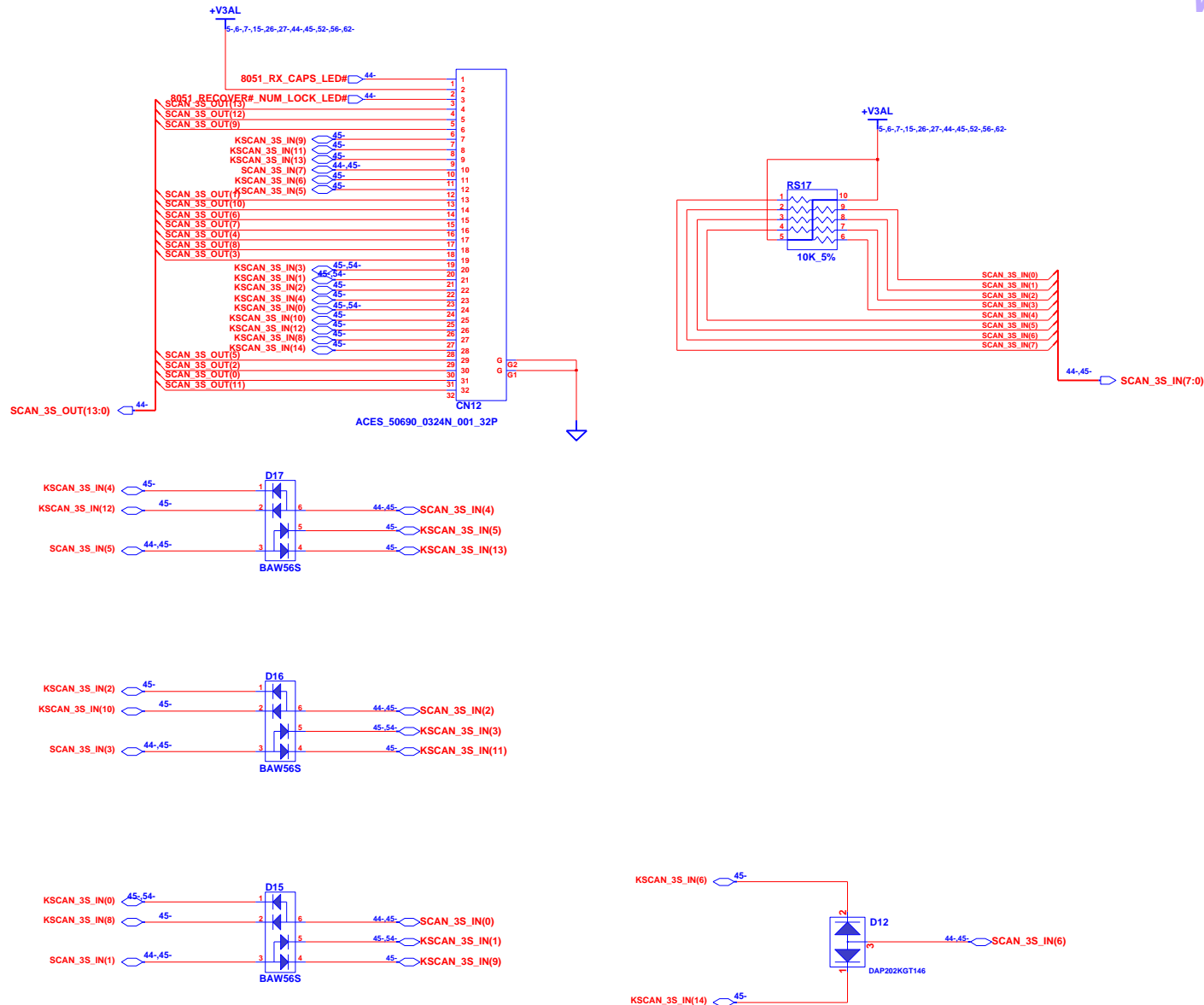


## FINGER PRINTER CNTR

INVENTEC			
TITLE CLASHUMA			
BLUETOOTH & FINGER PRINTER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by		Edi Chen	3-Nov-2010
SHEET		42	OF 62

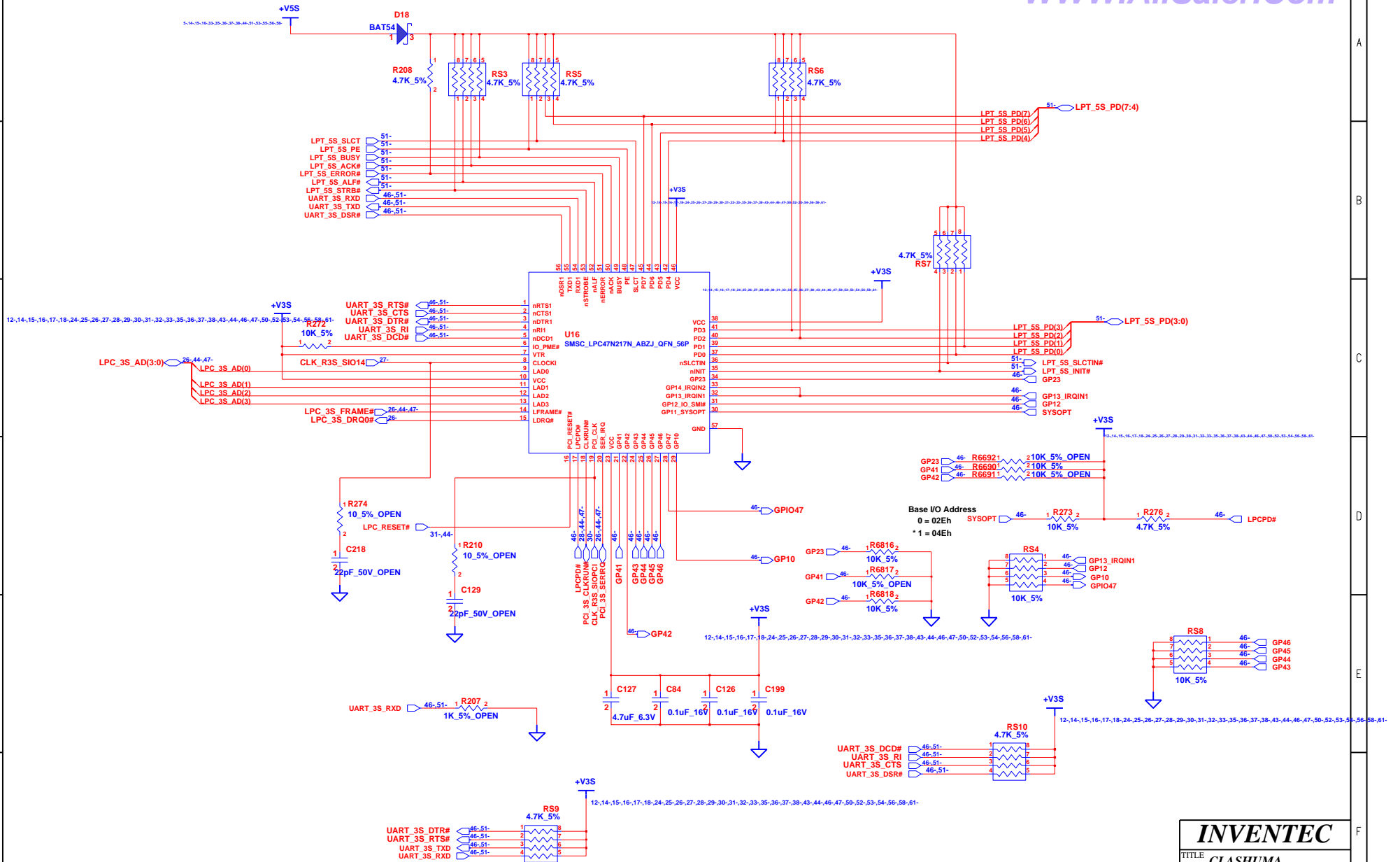






INVENTEC			
TITLE CLASHUMA KEYBOARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET		45	OF 62

CHANGE by *Edi Chen* 3-Nov-2010



**INVENTEC**

TITLE  
**CLASHUMA  
SUPER I/O**

SIZE CODE DOC. NUMBER REV  
**A3 CS Model No**

SHEET 46 OF 62

CHANGE by *Edi Chen* 3-Nov-2010

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TPM1.2

MDC CONN

INVENTEC

TITLE CLASHUMA  
TPM & MDC

SIZE	CODE	DOC. NUMBER	REV	SHEET	OF
A3	CS	Model No	A01	47	62

CHANGE by Edit Chen 3-Nov-2010

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TPM1.2

MDC CONN

INVENTEC

TITLE CLASHUMA  
TPM & MDC

SIZE	CODE	DOC. NUMBER	REV	SHEET	OF
A3	CS	Model No	A01	47	62

CHANGE by Edit Chen 3-Nov-2010

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TPM1.2

MDC CONN

TITLE		DOC. NUMBER		REV
CLASHUMA		Model No		A01
SIZE	CODE	DOC. NUMBER	REV	
A3	CS	Model No	A01	

CHANGE by: Edit Chen 3-Nov-2010

SHEET 47 OF 62

WWW.AliSaler.Com

**TPM1.2**

**MDC CONN**

INVENTEC

TITLE		CLASHUMA TPM & MDC	
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by: Edit Chen 3-Nov-2010

SHEET 47 OF 62

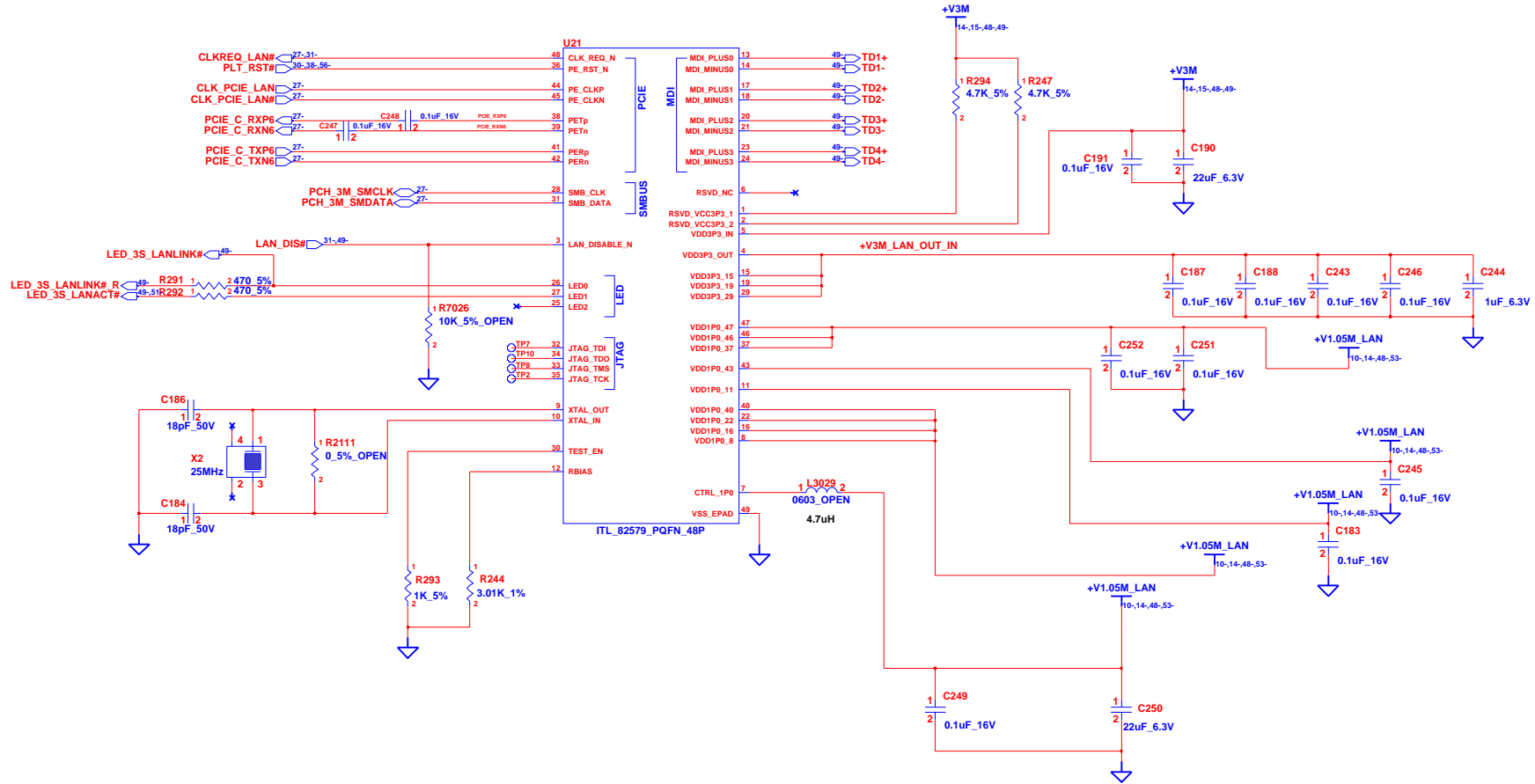
WWW.AliSaler.Com

**TPM1.2**

**MDC CONN**

INVENTEC				
TITLE CLASHUMA TPM & MDC				
SIZE	CODE	DOC. NUMBER	REV	
A3	CS	Model No	47	OF 62

CHANGE by Edi Chen 3-Nov-2010



**INVENTEC**

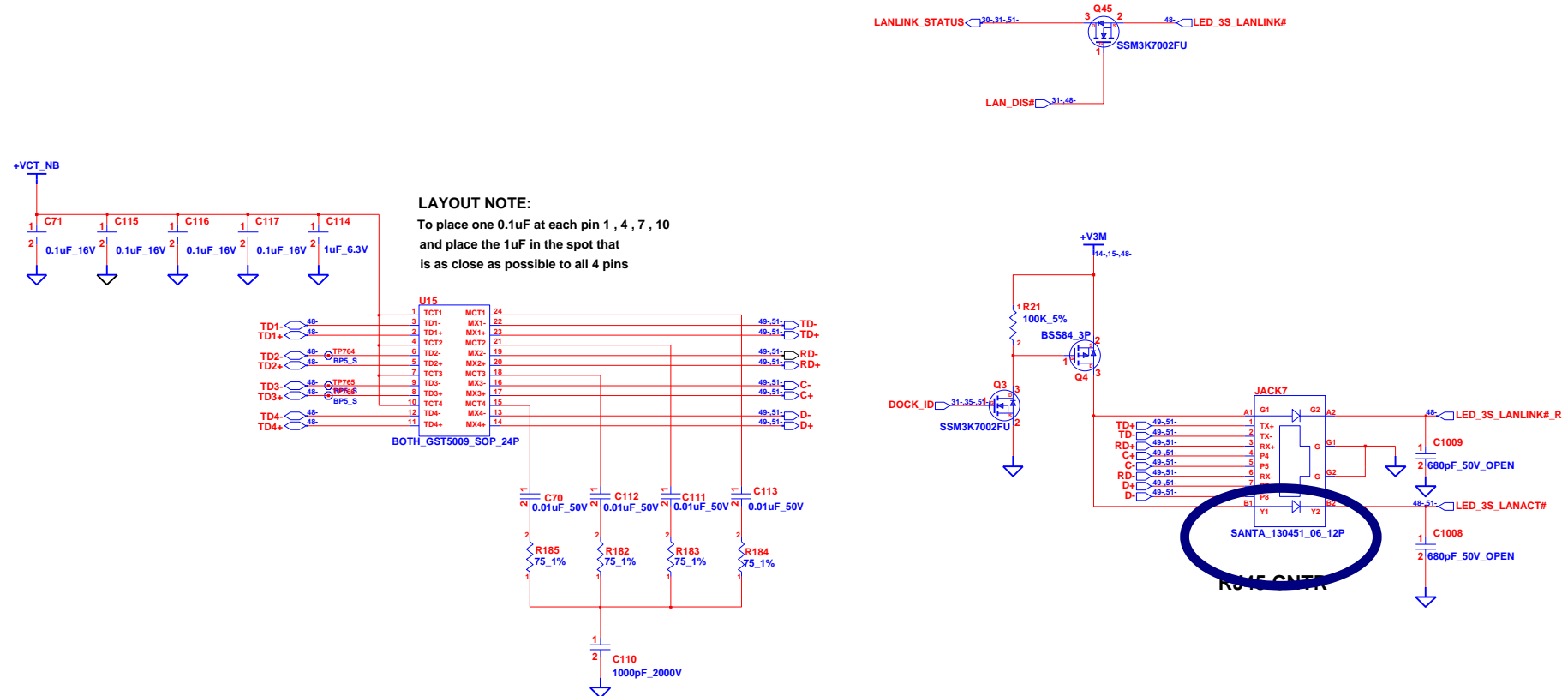
TITLE  
CLASHUMA  
LAN INTERFACE

SIZE CODE DOC. NUMBER REV  
A3 CS Model No A01

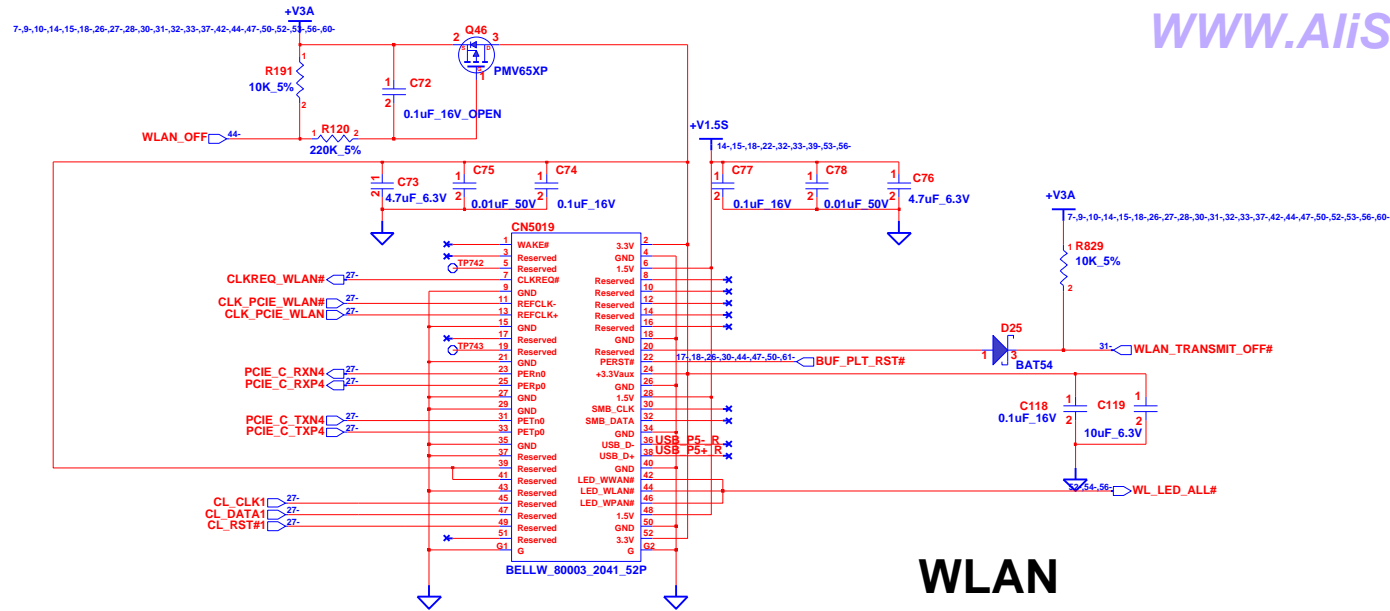
CHANGE by Edi Chen 3-Nov-2010

SHEET 48 OF 62

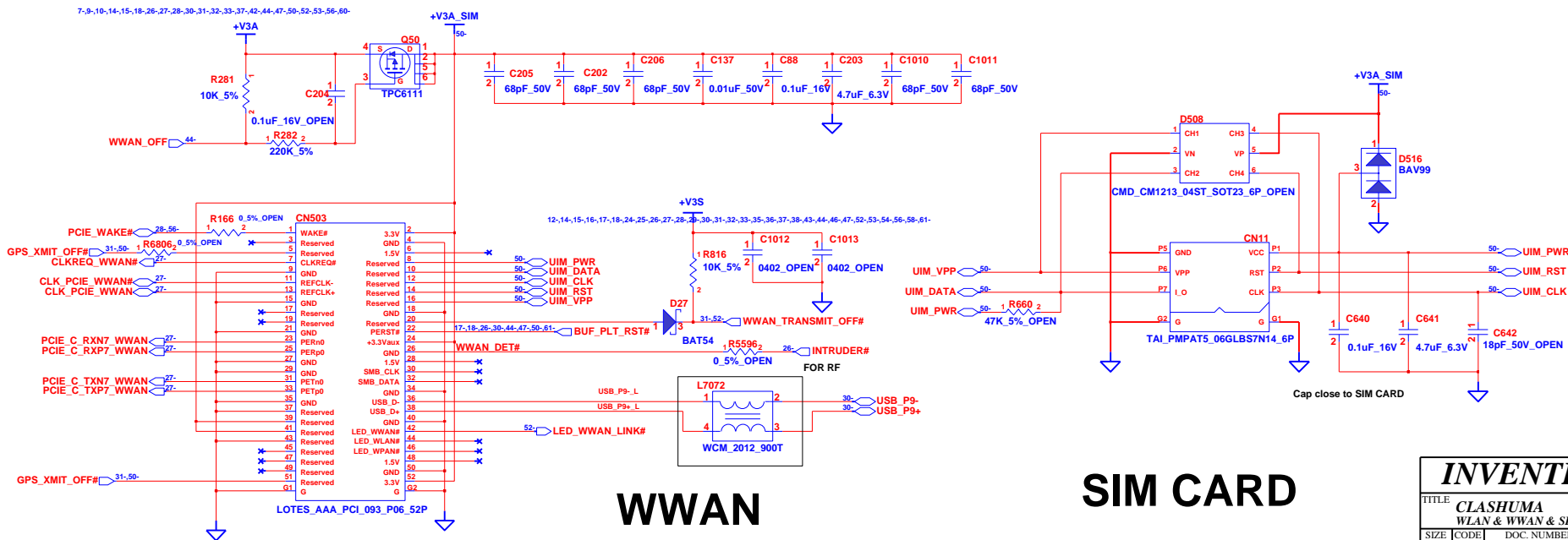




INVENTEC			
TITLE CLASHUMA LAN RJ45 CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Edi Chen		3-Nov-2010	
SHEET 49		OF 62	



## WLAN



## WWAN

## SIM CARD

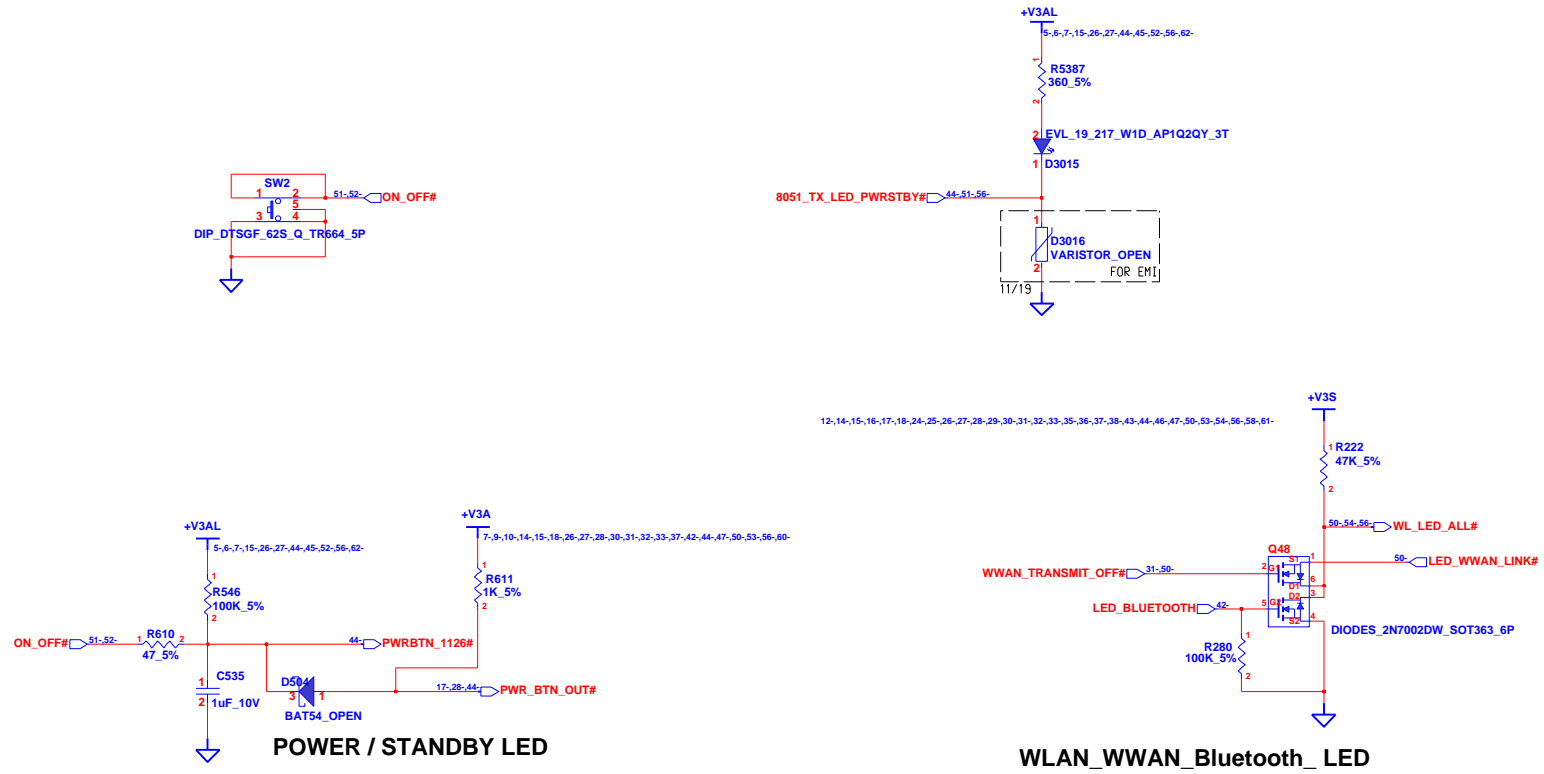
**INVENTEC**

TITLE: CLASHUMA WLAN & WWAN & SIM CARD			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: A01
SHEET: 50		OF: 62	

CHANGE by: Edi Chen

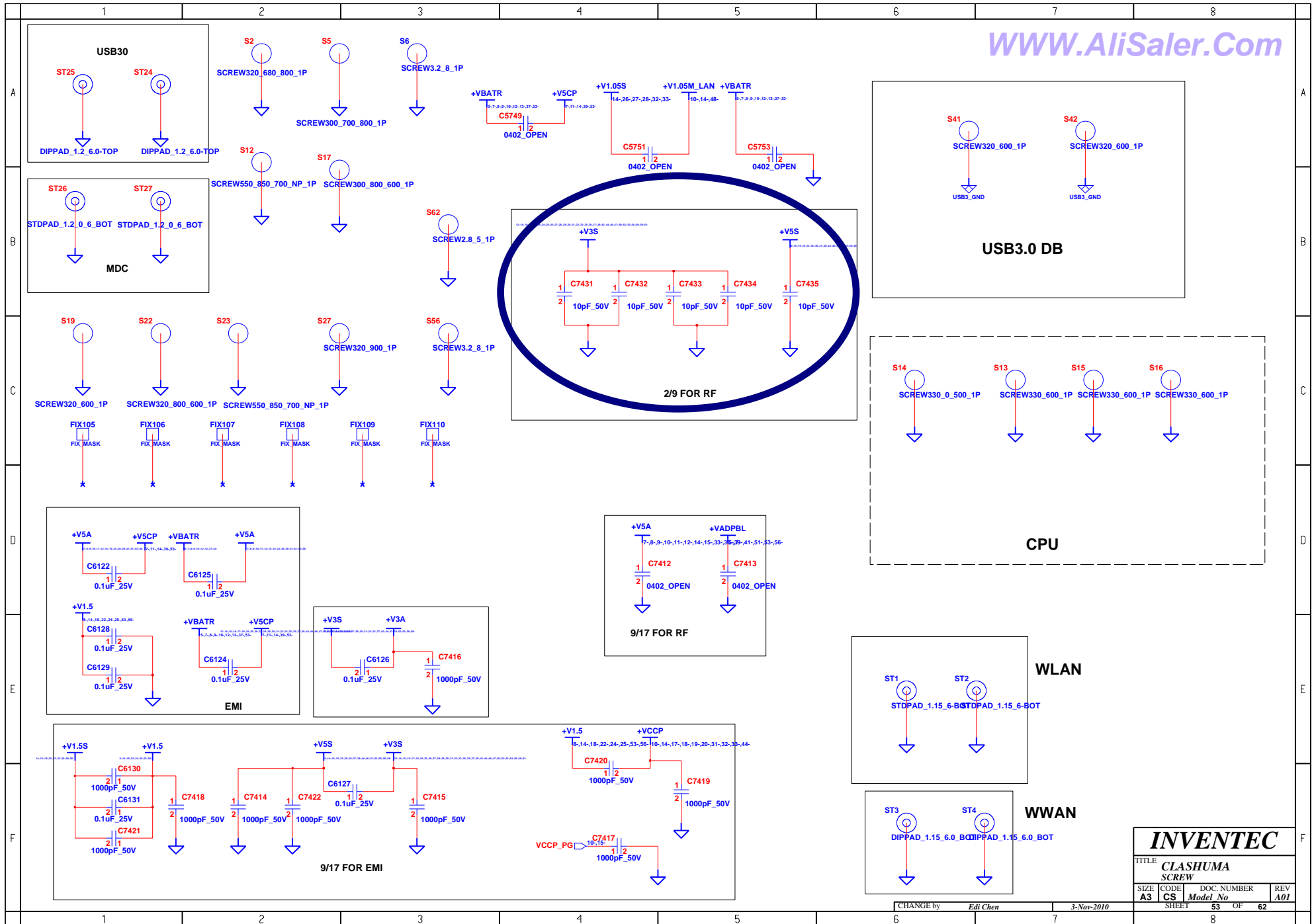
3-Nov-2010

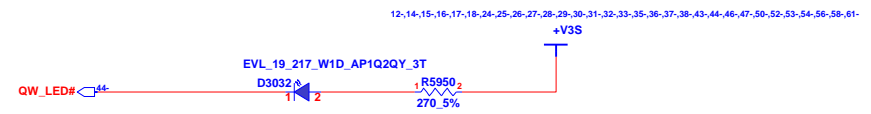
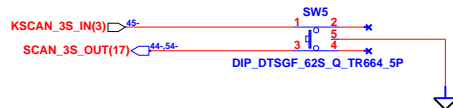
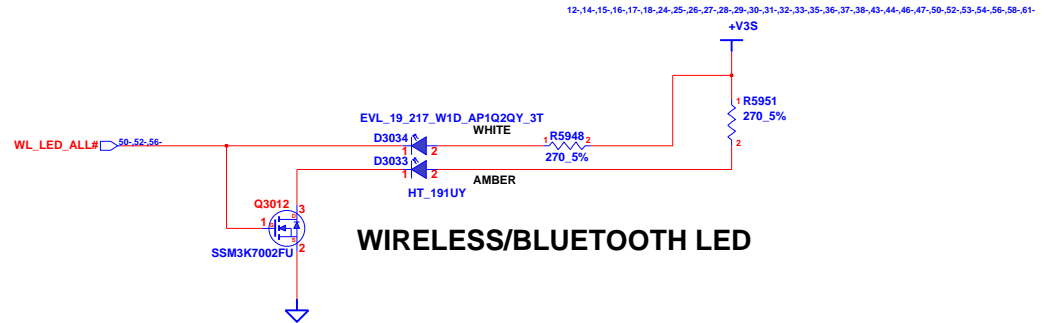




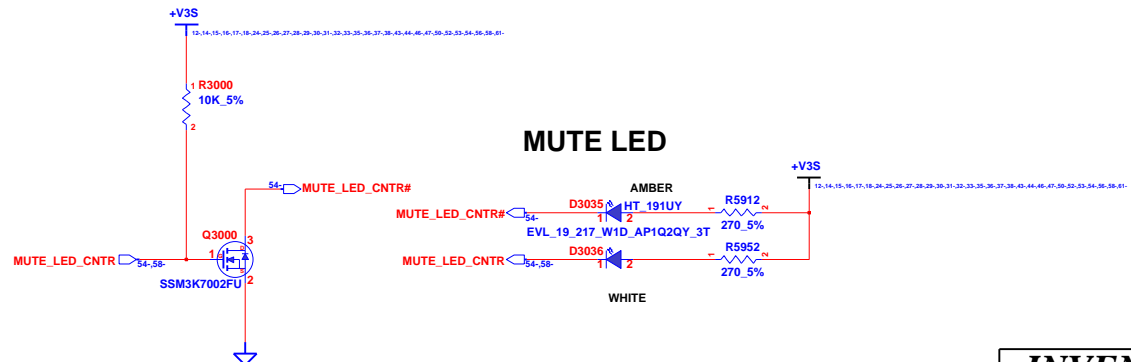
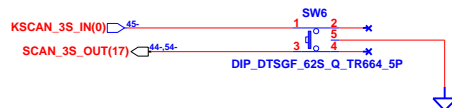
INVENTEC			
TITLE CLASHUMA POWER & WLAN_LED			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET		52	OF 62

CHANGE by *Edi Chen* 3-Nov-2010





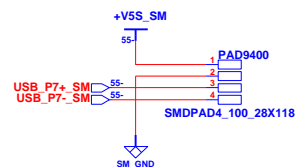
## QUICK WEB LED



## MUTE LED

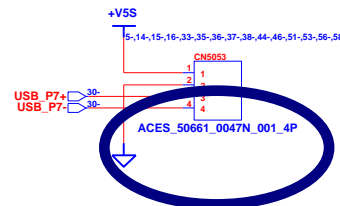
INVENTEC			
TITLE: CLASHUMA WIRELESS/QUICK WEB/MUTE LED			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: A01
SHEET: 54		OF: 62	

CHANGE by: Edi Chen 3-Nov-2010



# SMART CARD ADAPTER BOARD

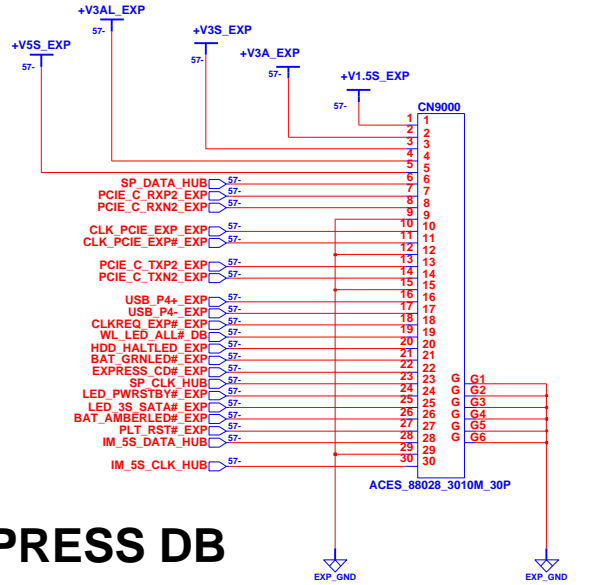
## Reference Number 9400 - 9499



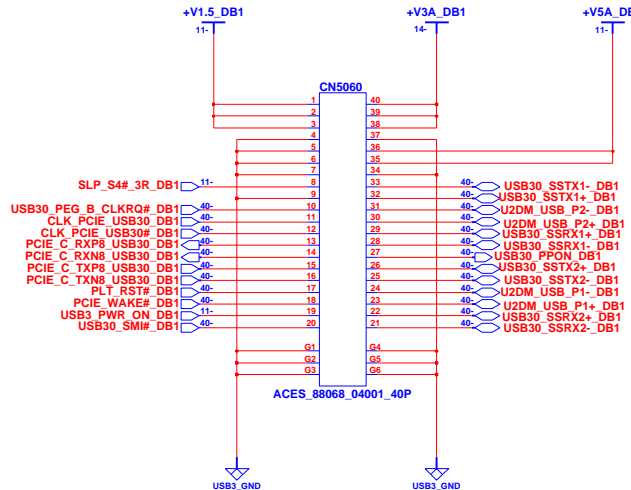
CHANGE by *Edi Chen* 3-Nov-2010

INVENTEC			
TITLE CLASHUMA SMART CARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET 55		OF 62	

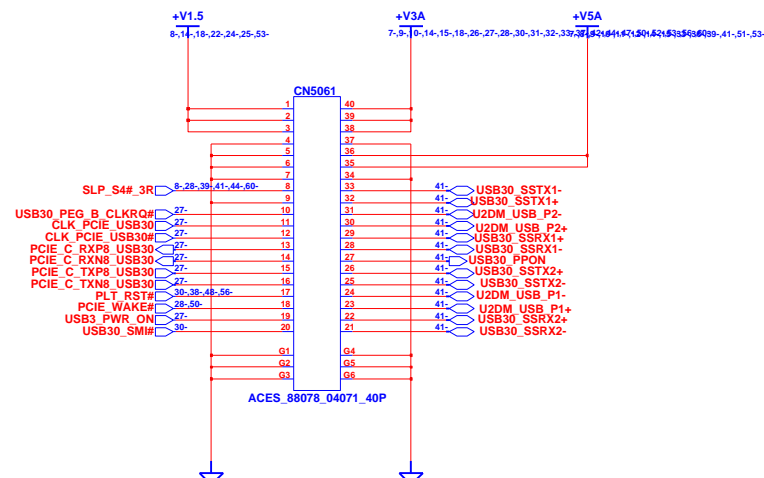
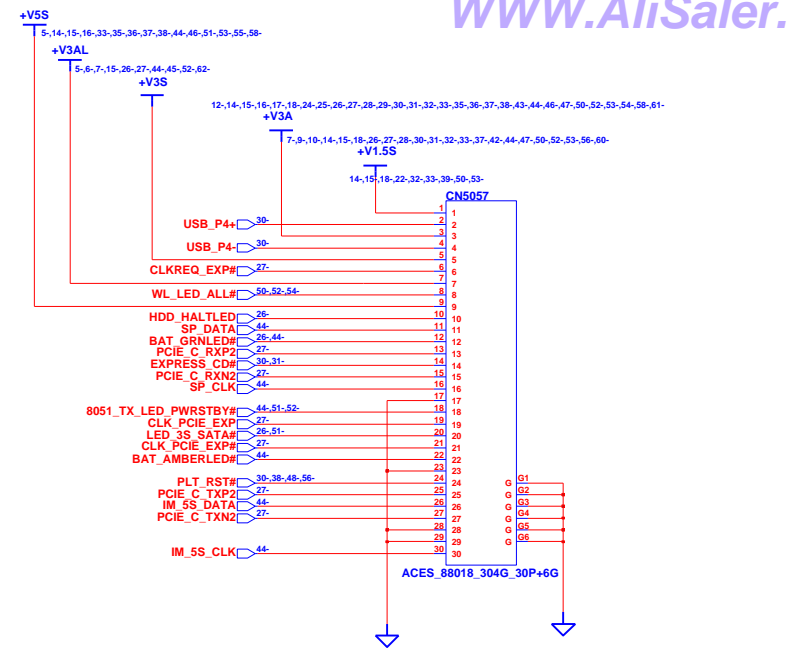
# Reference Number 9000 - 9099



# USB3.0 DB



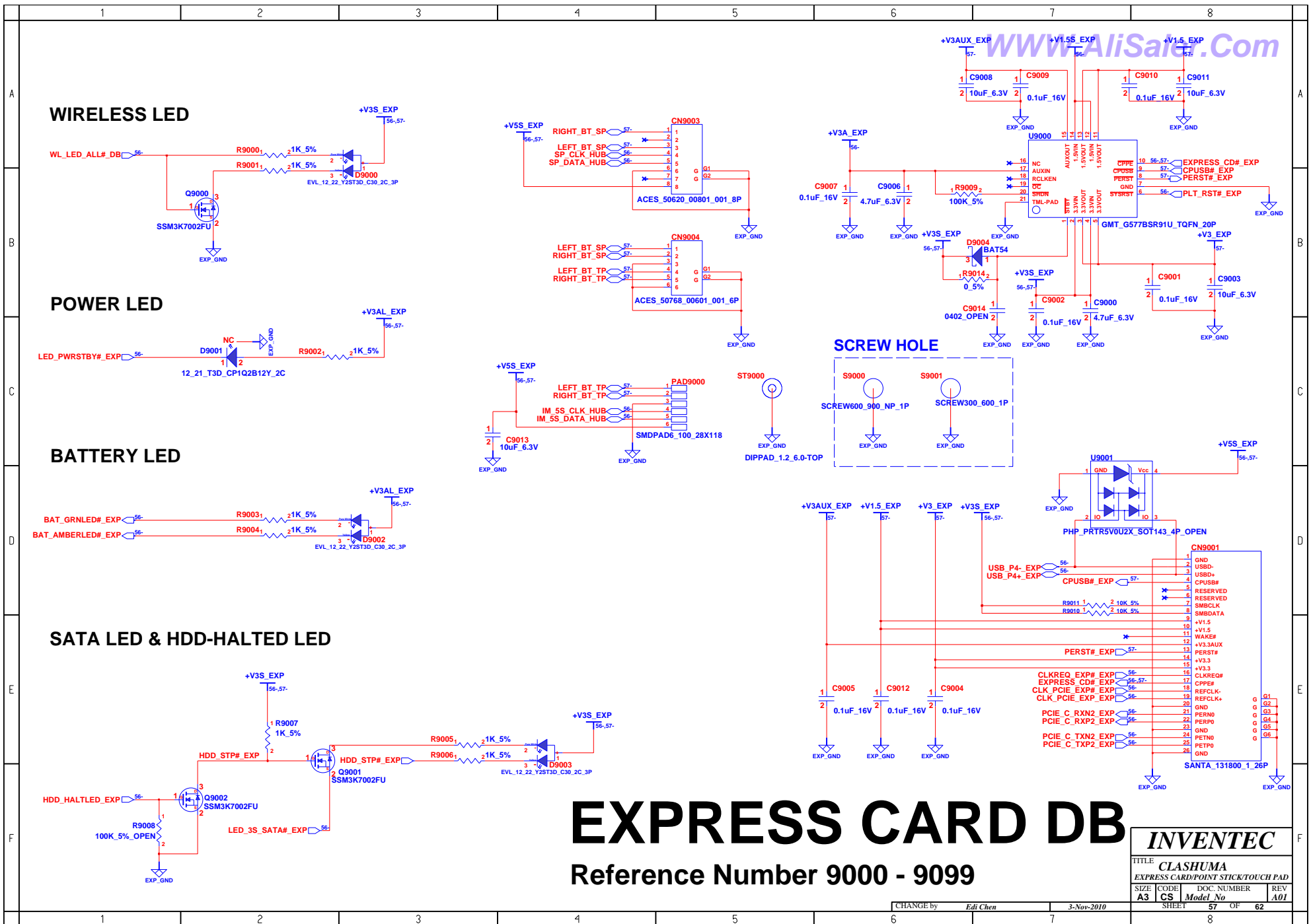
WWW.AliSaler.Com

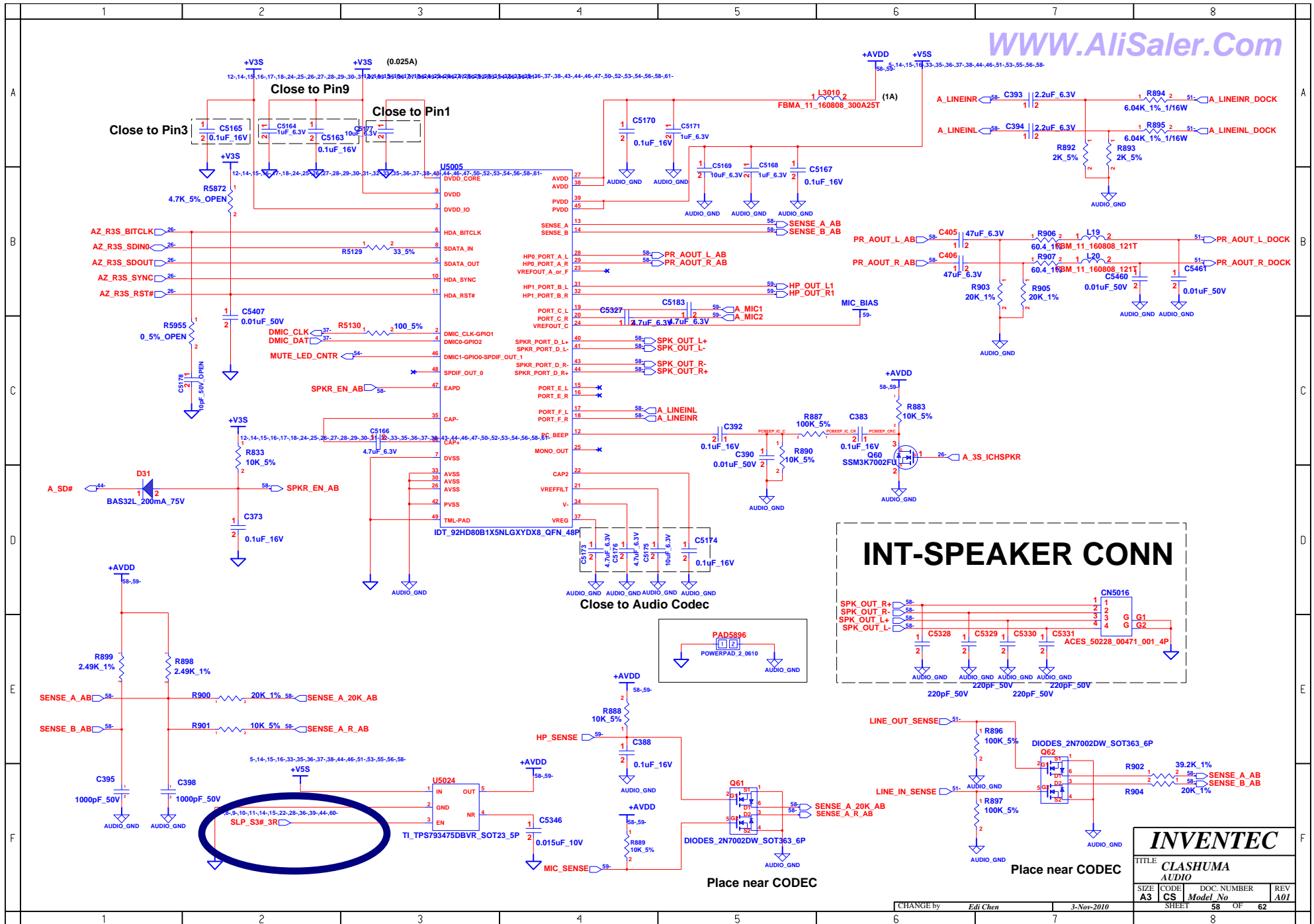


INVENTEC			
TITLE CLASHUMA			
USB3.0&EXPRESS CARD BTB CNTR			
SIZE A3	CODE CS	DOC NUMBER Model No	REV A01
CHANGE by		Edi Chen	3-Nov-2010
SHEET		56	OF 62

WWW.AliSaler.Com







**EXT. MIC**

## MIC Jack

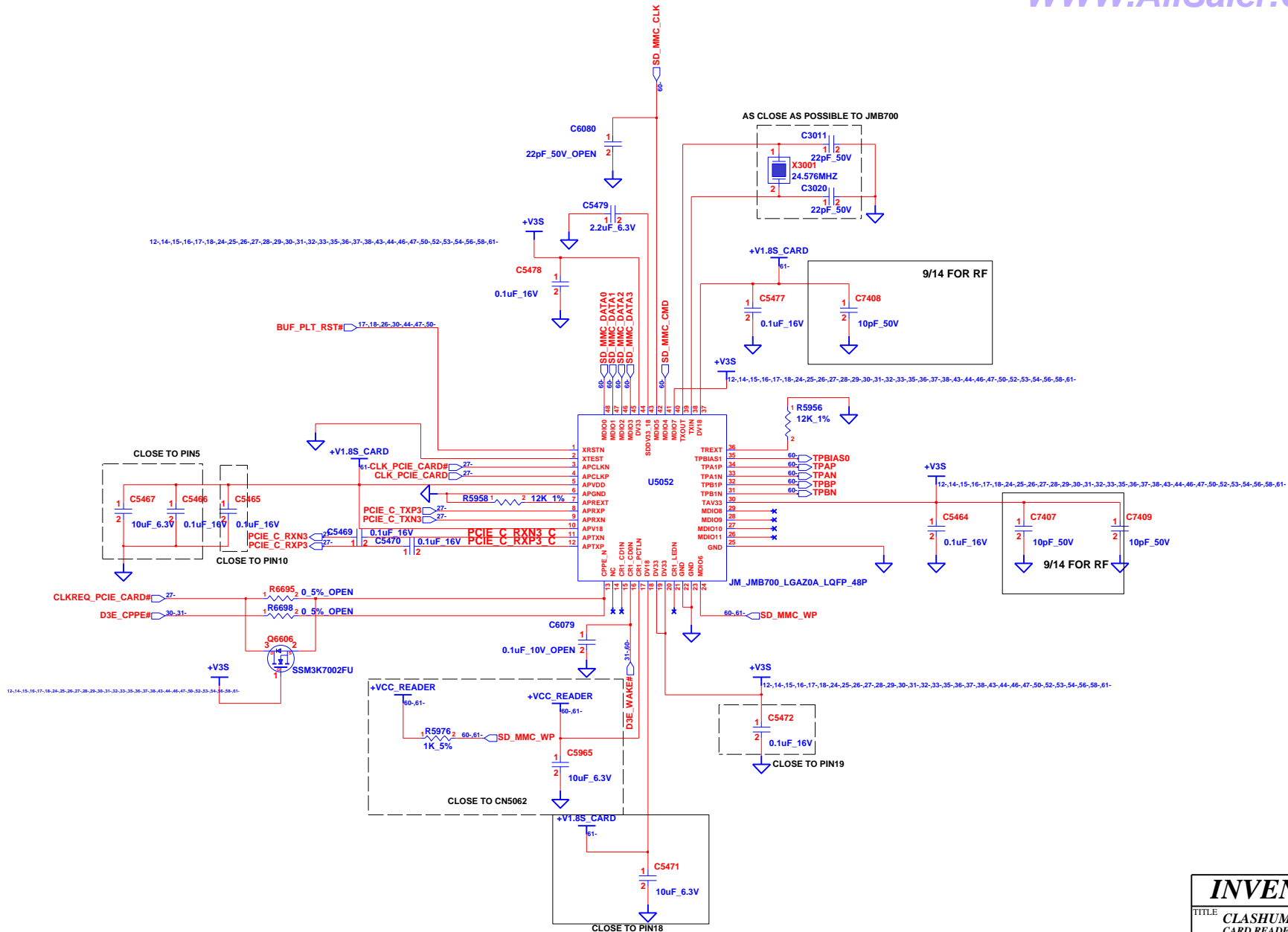
## Earphone Jack

Use min 20 mils wide trace to JACK pin1

## INVENTEC

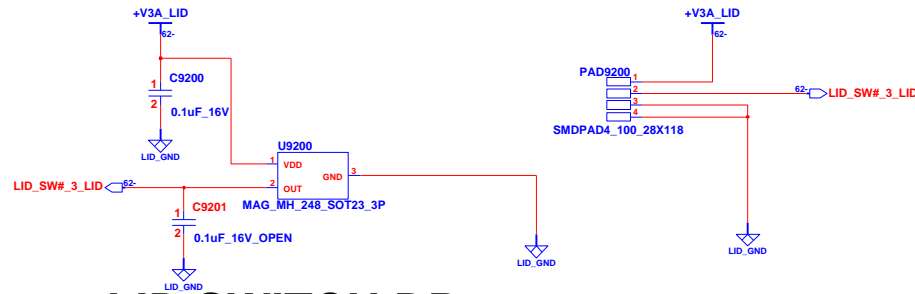
TITLE			
<b>CLASHUMA</b> <b>EXT MIC/MIC/HP</b>			
SIZE	CODE	DOC. NUMBER	REV
<b>A3</b>	<b>CS</b>	<b>Model No</b>	<b>A01</b>
SHEET		59	OF 62



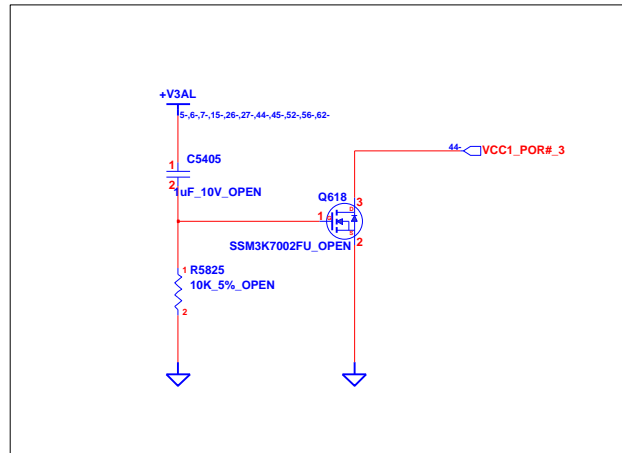


INVENTEC			
TITLE CLASHUMA CARD READER CTRL			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Edi Chen		3-Nov-2010	
SHEET 61		OF 62	

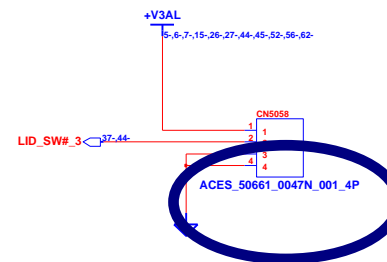
## Reference Number 9200 - 9299



## LID SWITCH DB



## CLOSE TO KBC



**INVENTEC**

TITLE			
CLASHUMA			
LID SWITCH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by *Edi Chen* 3-Nov-2010

SHEET 62 OF 62