

	1	2	3	4	5	6	7	8																															
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C									C																														
D									D																														
E									E																														
F									F																														
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DATE	CHANGE NO.	REV																																					
	1	2	3	4	5	6	7	8																															

CLASH UMA

MV BUILD

2011.02.14

DRAWER	EE	DATE	POWER	DATE	INVENTEC				
DESIGN									
CHECK									
RESPONSIBLE									
SIZE = 3					VER :	SIZE	CODE	DOC. NUMBER	REV
FILE NAME : XXXX-XXXXXX-XX						A3	CS		A02
P/N XXXXXXXXXXXX						SHEET 1 OF 62			

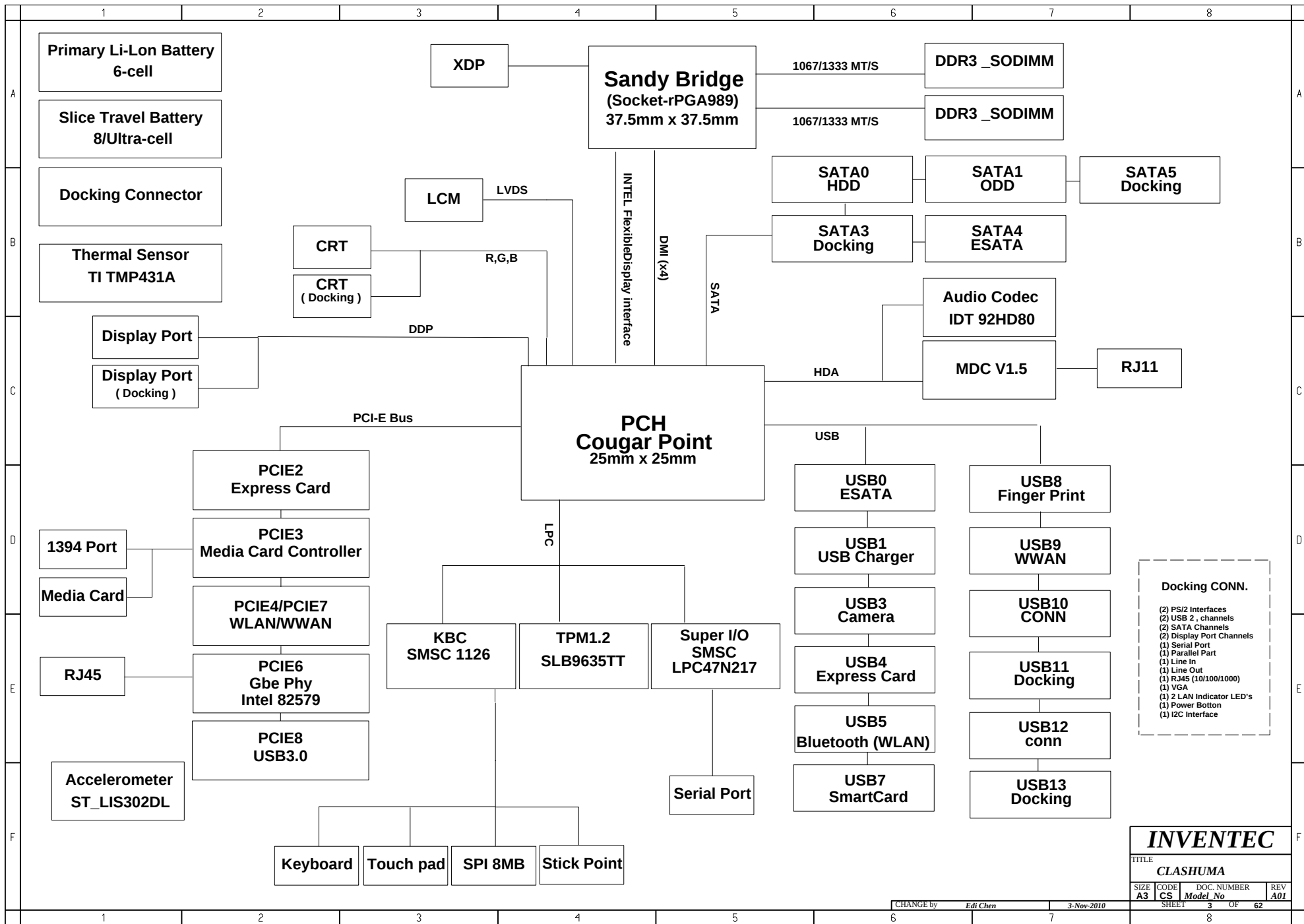
TABLE OF CONTENTS

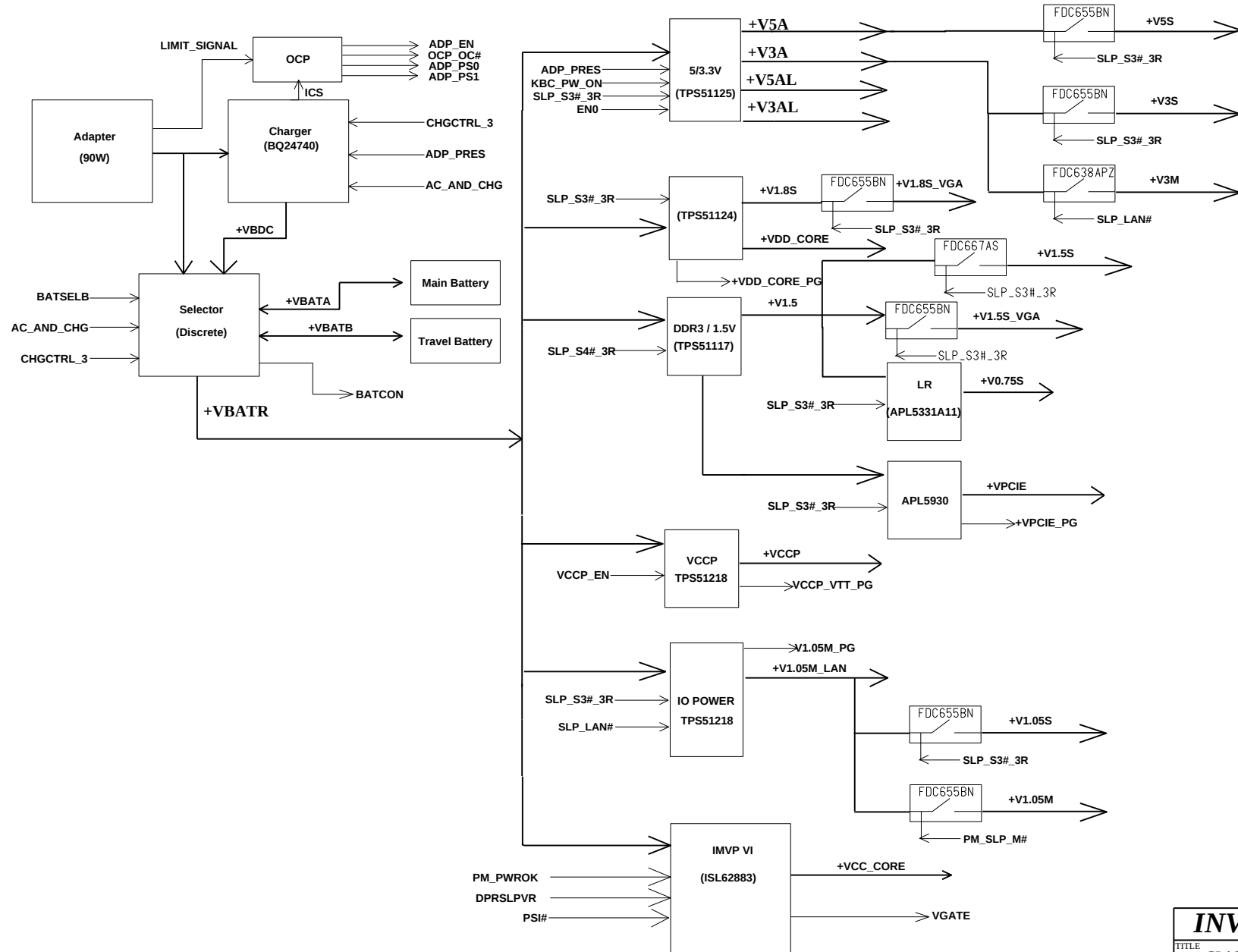
5- DC& BATTERY CHARGER	35- VGA SWITCH
6- SELECT & BATTERY CONN	36- CRT / DISPLAY PORT CNTR
7- SYSTEM POWER(+V3A/+V5A)	37- LCM & WEBCAM
8- SYSTEM POWER(+V1.5/+V0.75S/M_REF)	38- SATA HDD & ODD CNTR
9- SYSTEM POWER(+V1.8S/TURBO)	39- USB & ESATA COMBO / USB CHARGER
10- SYSTEM POWER(+VCCP/+1.05M_LAN)	40- USB3.0 CTRL
11- CPU POWER(+VCCSA/+1.05S_USB3.0)	41- USB CONN
12- CPU POWER(+VCC_CORE)	42- BLUE TOOTH & FINGER PRINTER CNTR
13- CPU POWER(+VCC_CORE)	43- ACCELEMETOR
14- POWER(SLEEP)	44- KBC & SPI
15- POWER(SEQUENCE)	45- KEYBOARD
16- FAN & THERMAL	46- SUPER I/O
17- XDP CONN	47- TPM & MDC
18- SANDY BRIDGE1	48- LAN INTERFACE
19- SANDY BRIDGE2	49- LAN RJ45 CNTR
20- SANDY BRIDGE4	50- WWAN & WLAN & SIM
21- SANDY BRIDGE3	51- DOCKING CNTR
22- SANDY BRIDGE5	52- POWER & WLAN_LED
23- SANDY BRIDGE6	53- SCREW
24- DDR3-DIMM0	54- WIRELESS / QUICK WEB / MUTE LED
25- DDR3-DIMM1	55- SMART CARD
26- PCH1	56- EXPRESS CARD CNTR
27- PCH2	57- EXPRESS CARD / POINT STICH / TOUCH PAD
28- PCH3	58- AUDIO
29- PCH4	59- EXT. MIC / MIC / HP
30- PCH5	60- 1394 CONN / SD CONN
31- PCH6	61- CARD READER CTRL
32- PCH7-POWER	62- LID SWITCH
33- PCH8-POWER	
34- PCH9	

INVENTEC

TITLE			
CLASHUMA			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
SHEET		2	OF 62

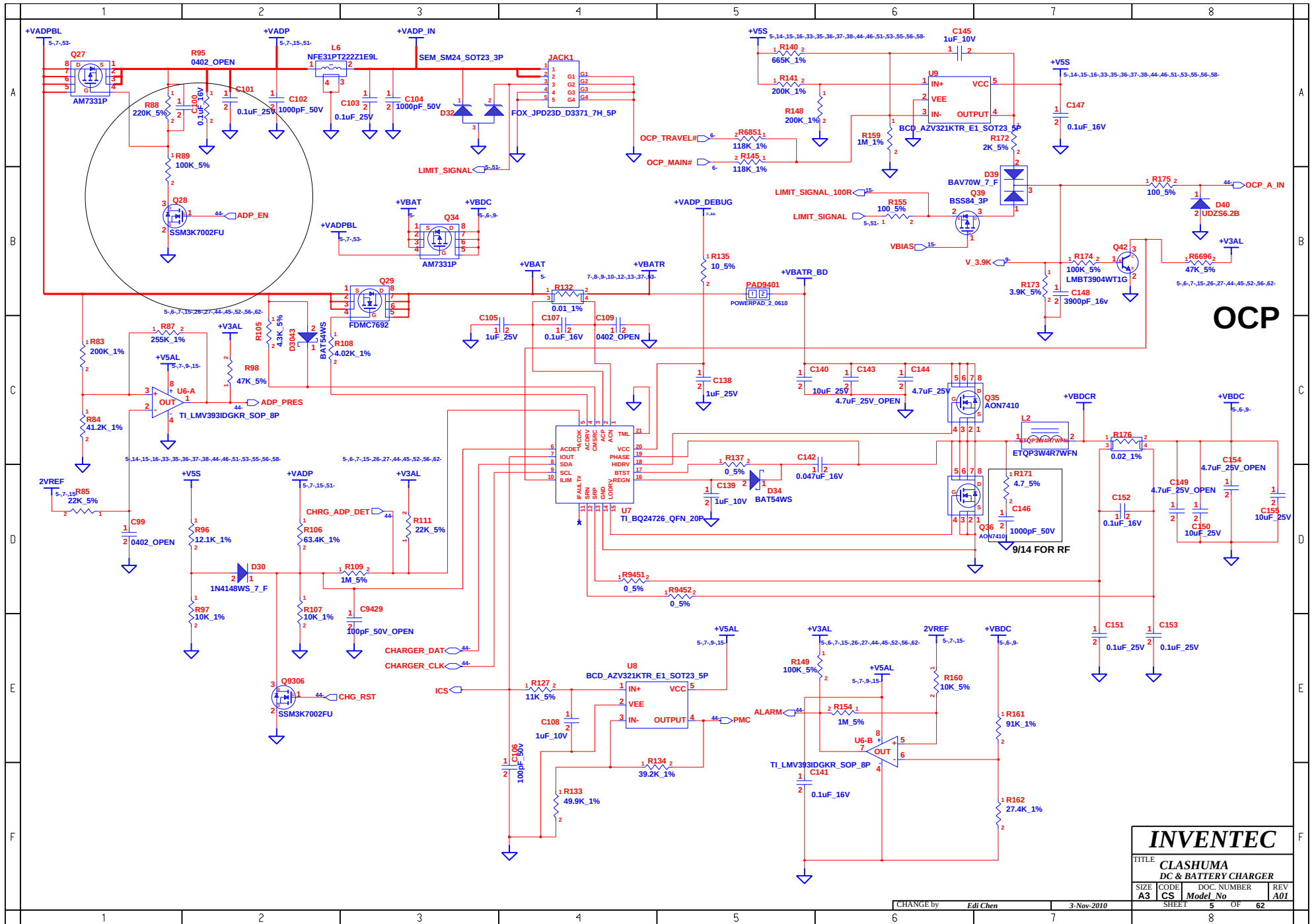
CHANGE by *Edi Chen* 4-Nov-2010

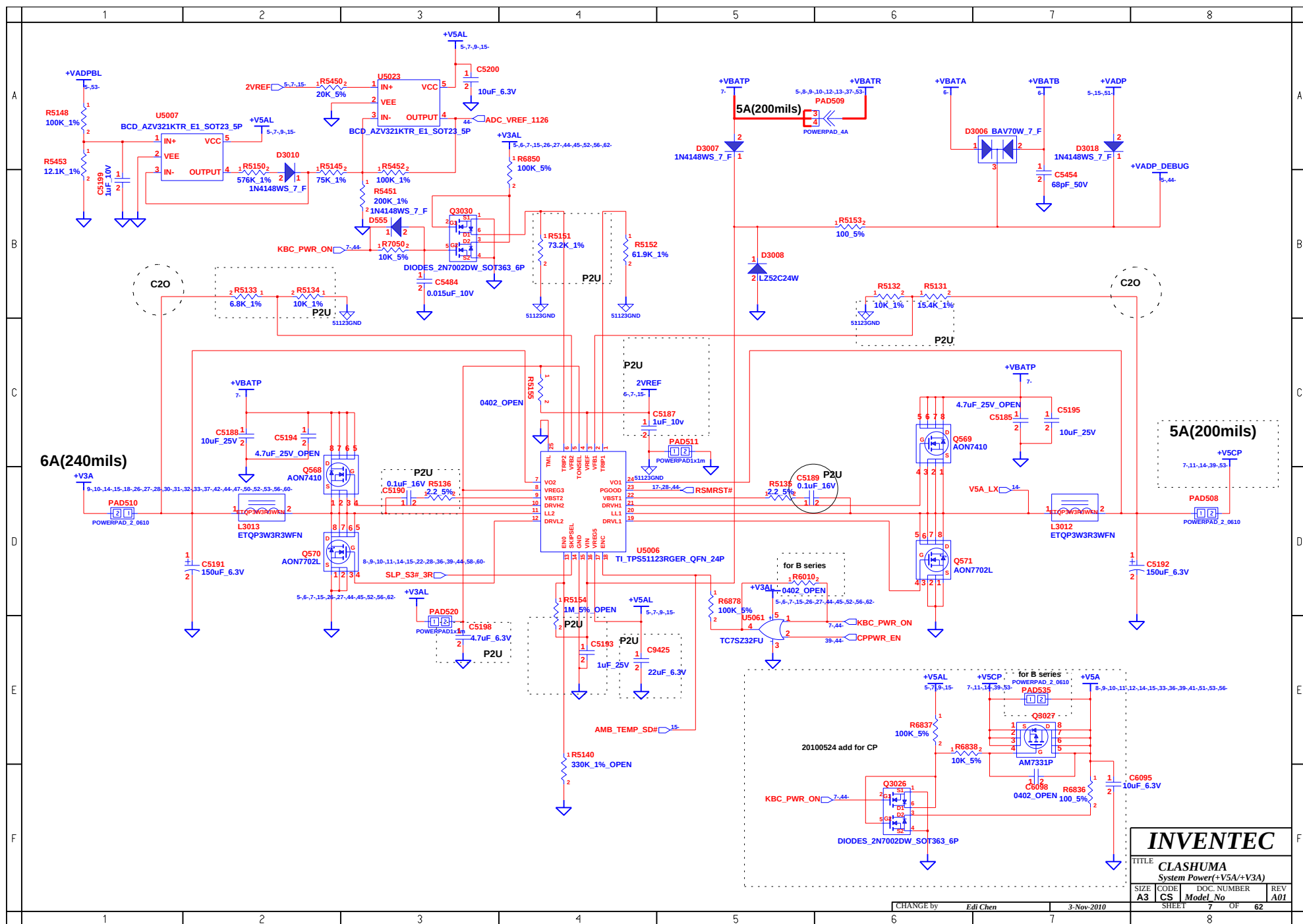


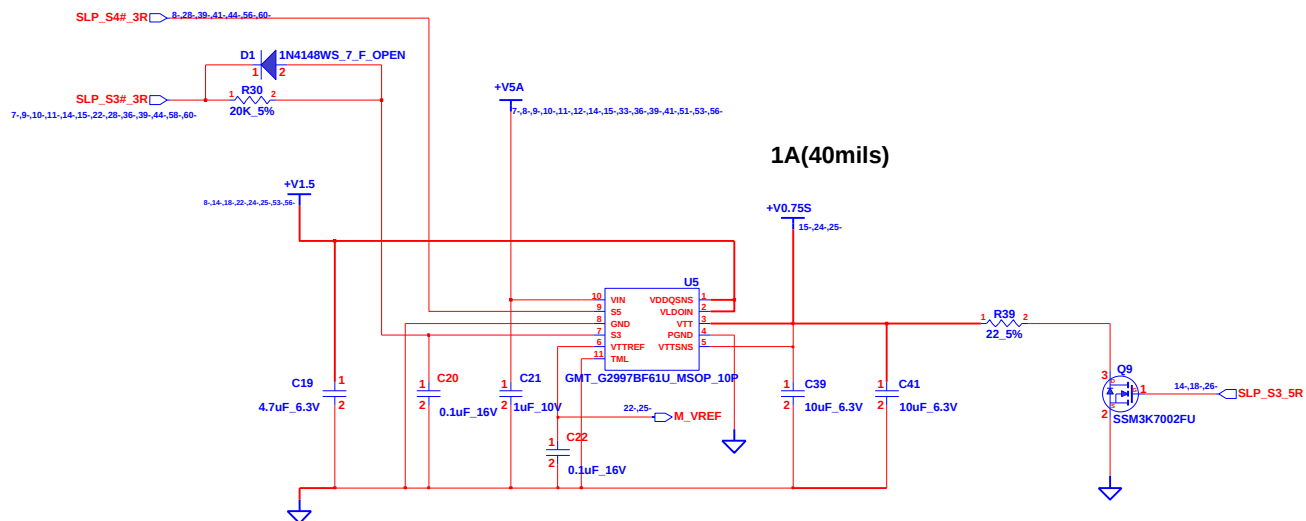
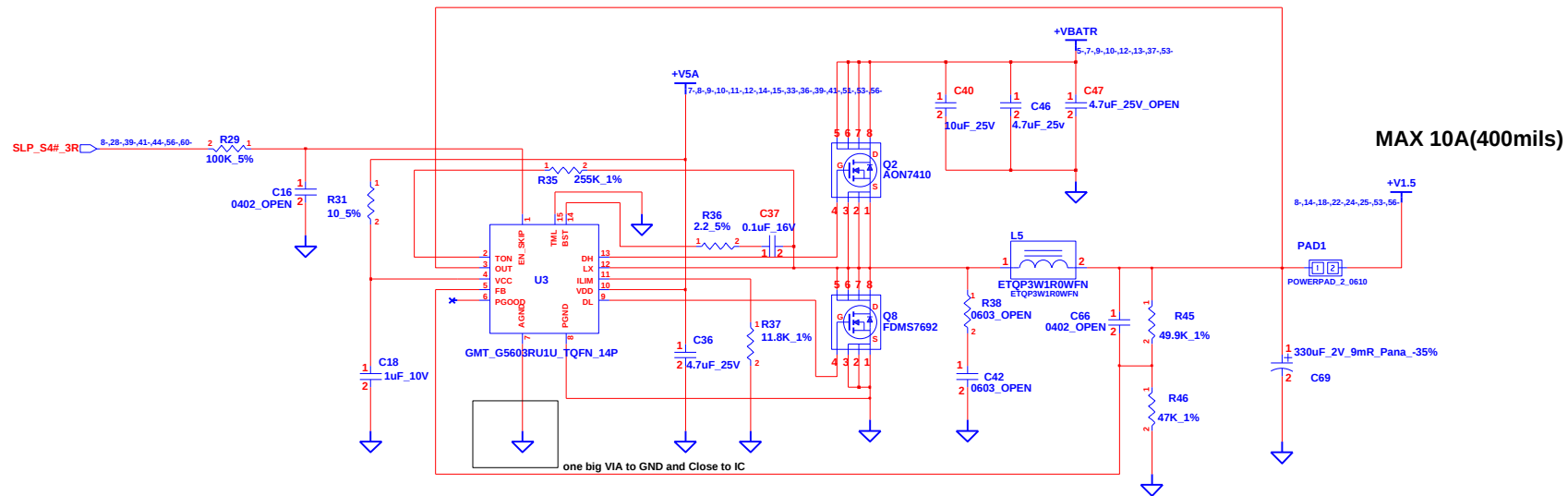


INVENTEC			
TITLE CLASHUMA			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET		4	OF 62

CHANGE by *Edi Chen* 3-Nov-2010





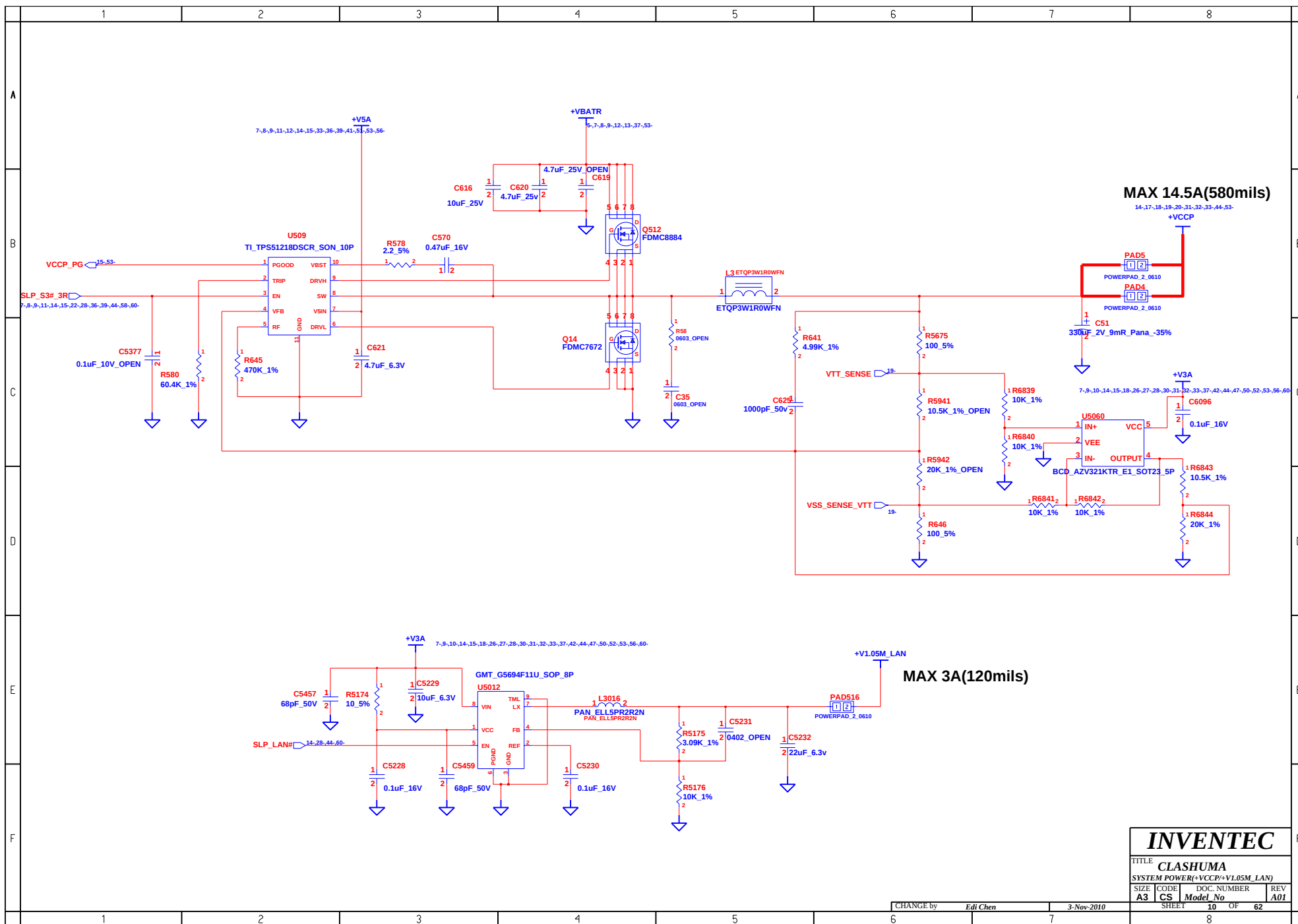


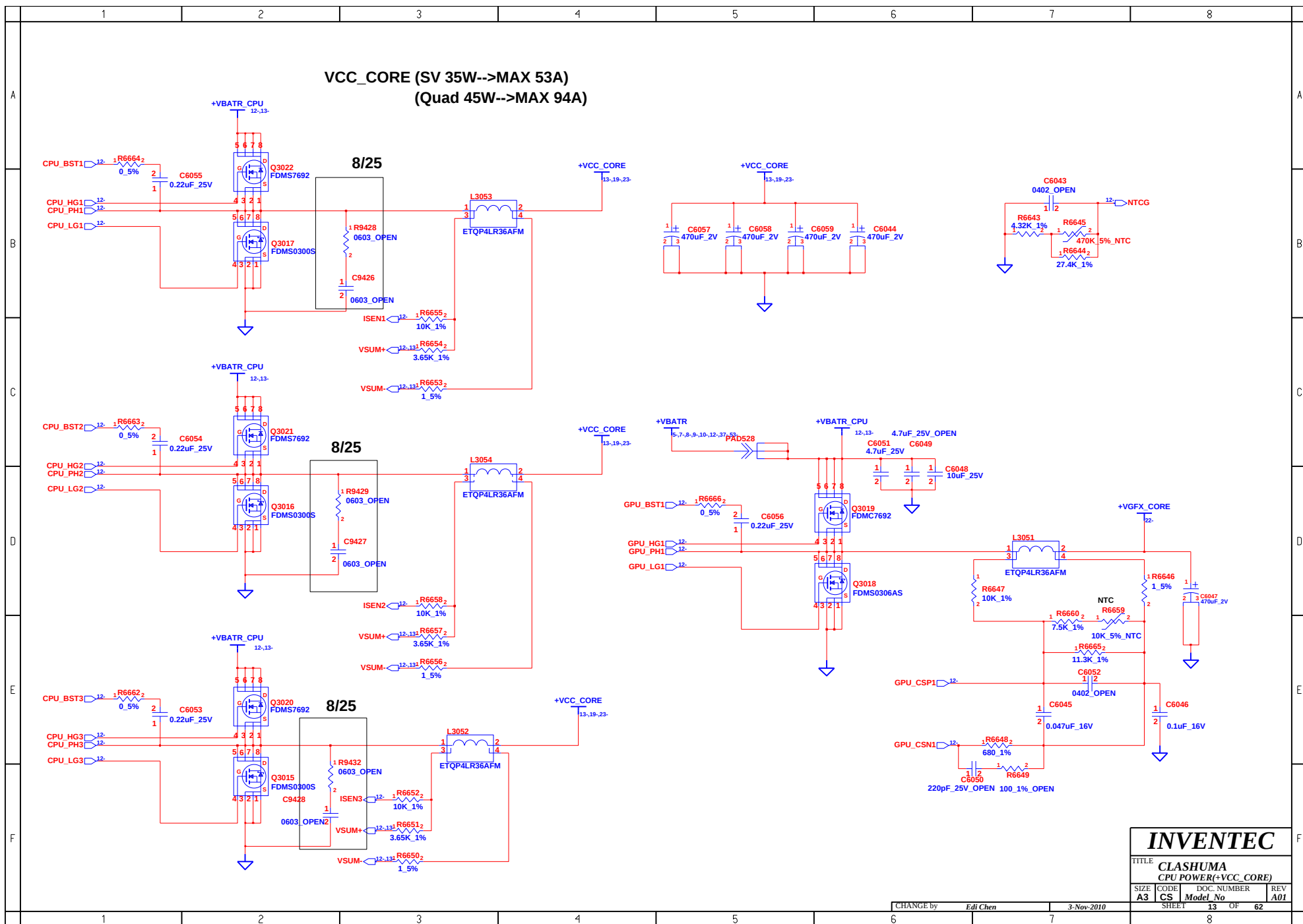
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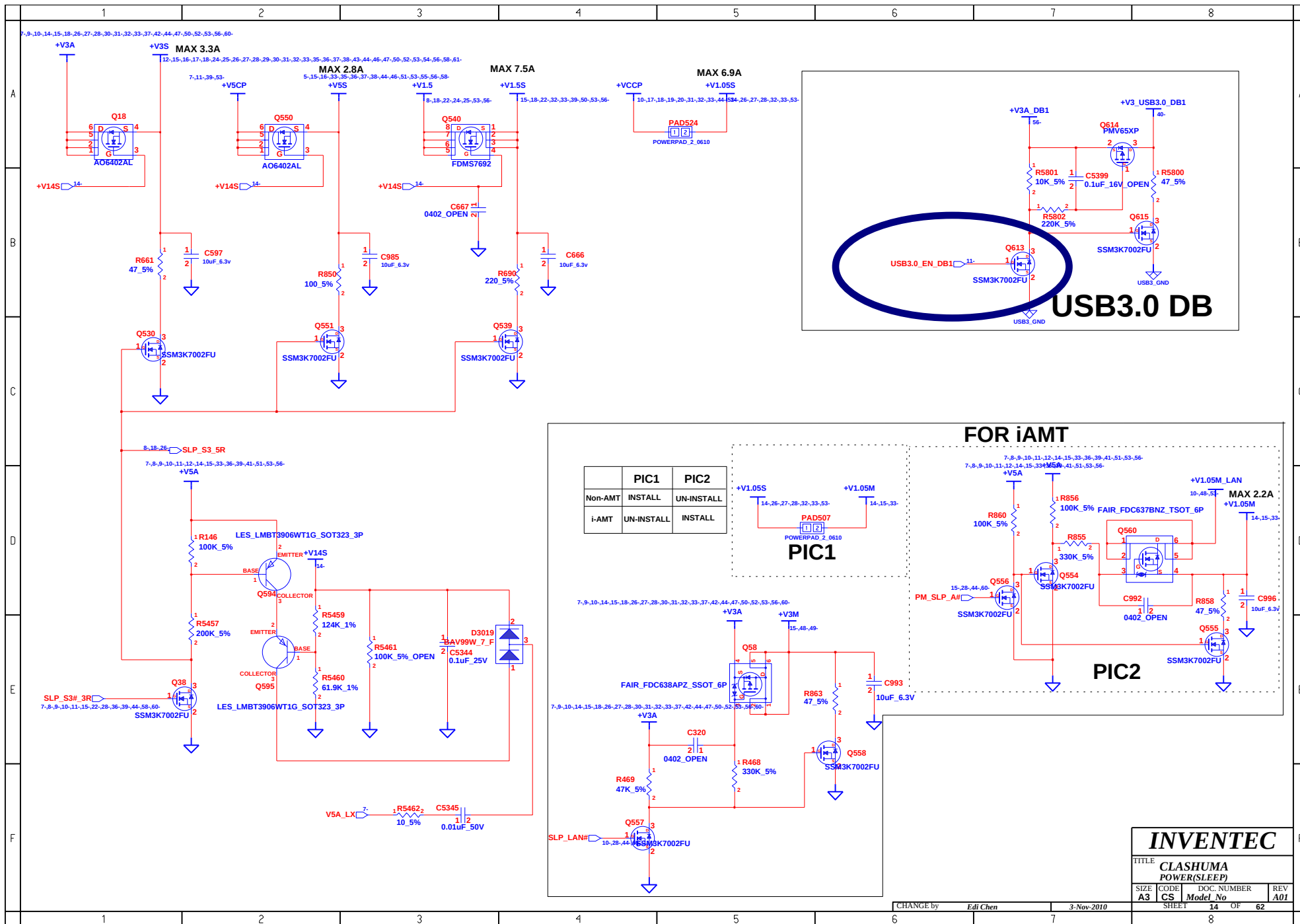
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CLASHUMA			
SYSTEM POWER(+V1.5/MREF)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

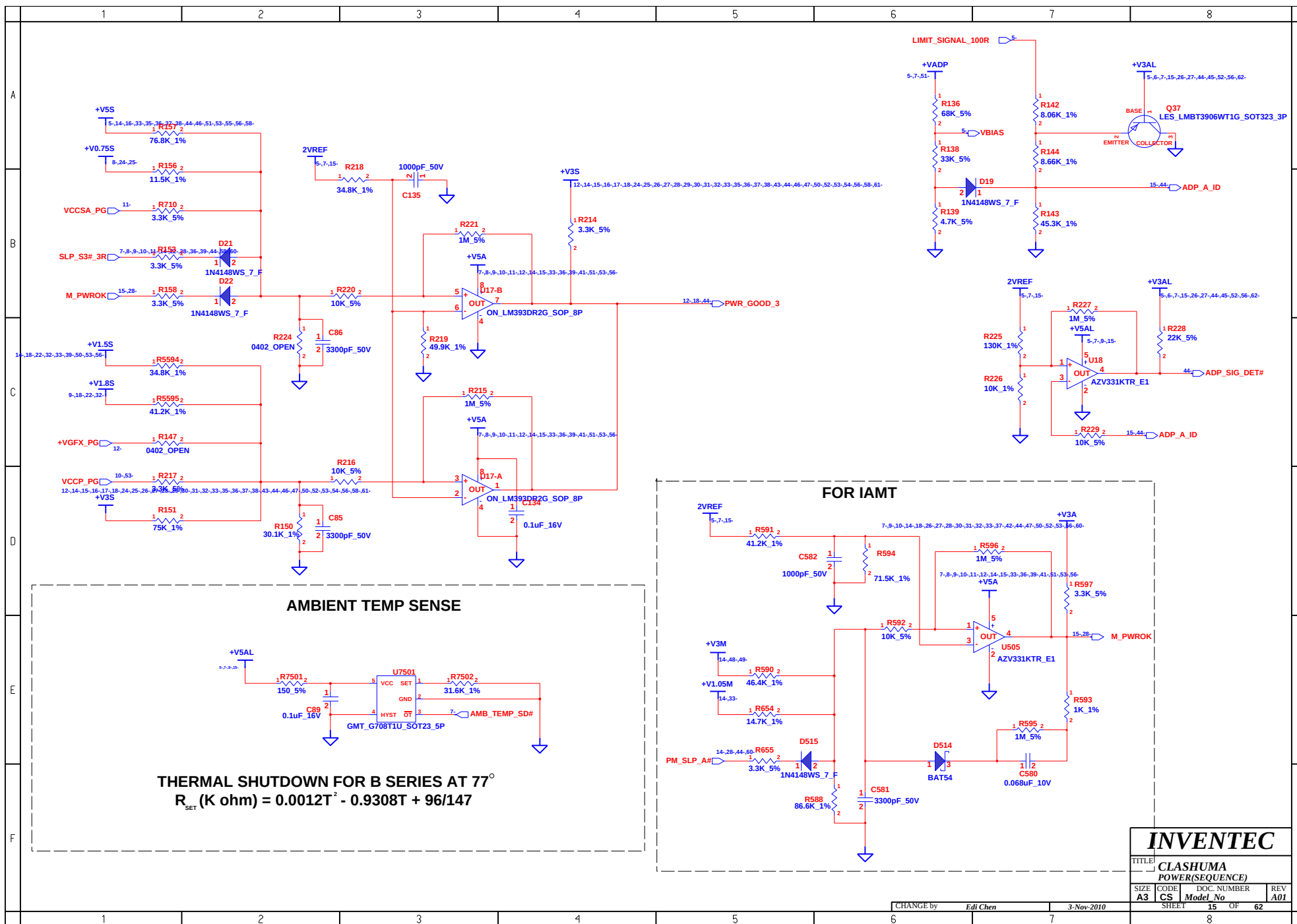
CHANGE by *Edi Chen* 3-Nov-2010

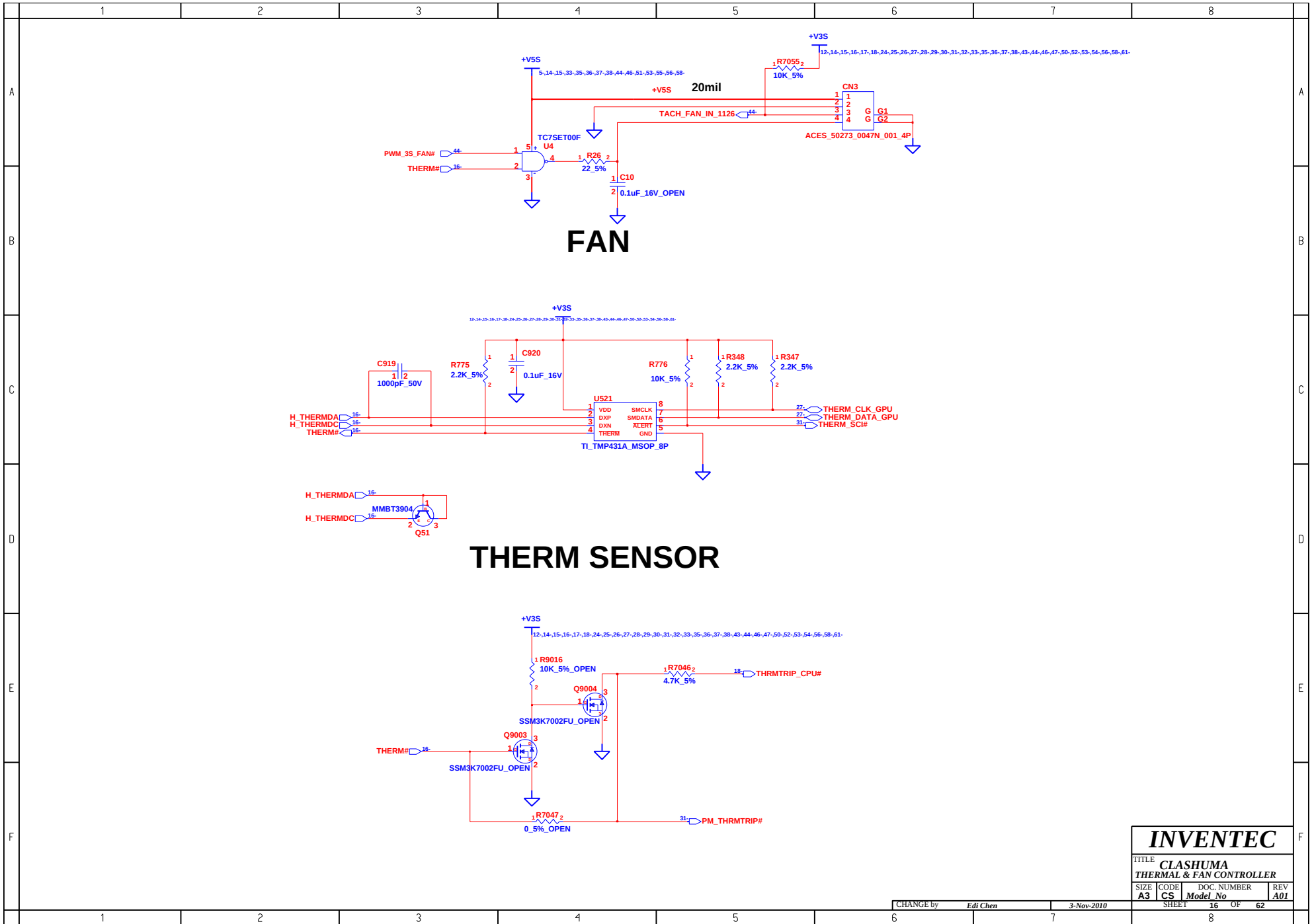
SHEET 8 OF 62

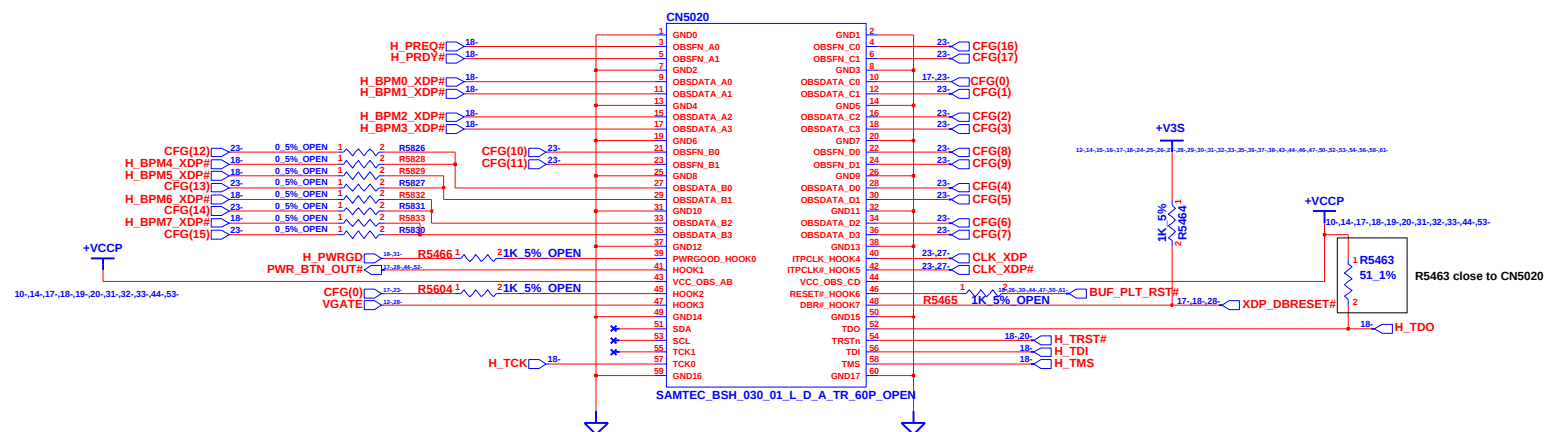




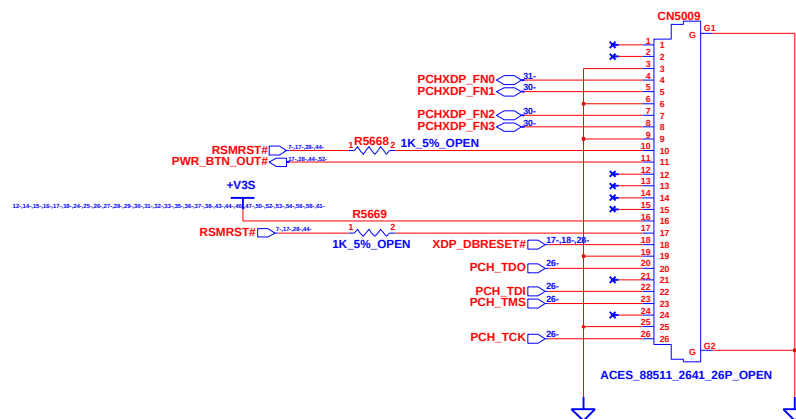








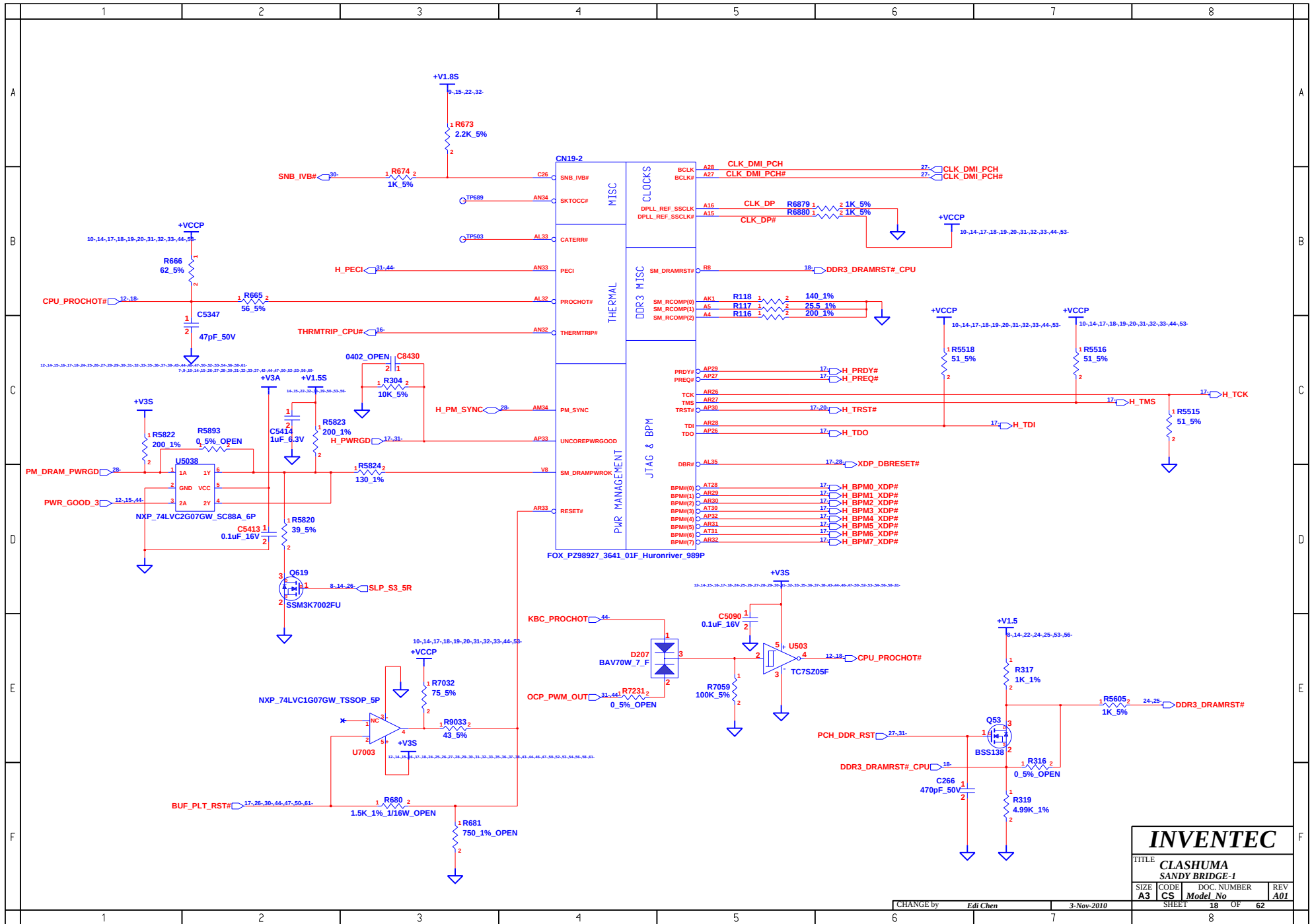
CPU XDP CONNECTOR



PCH XDP CONNECTOR

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

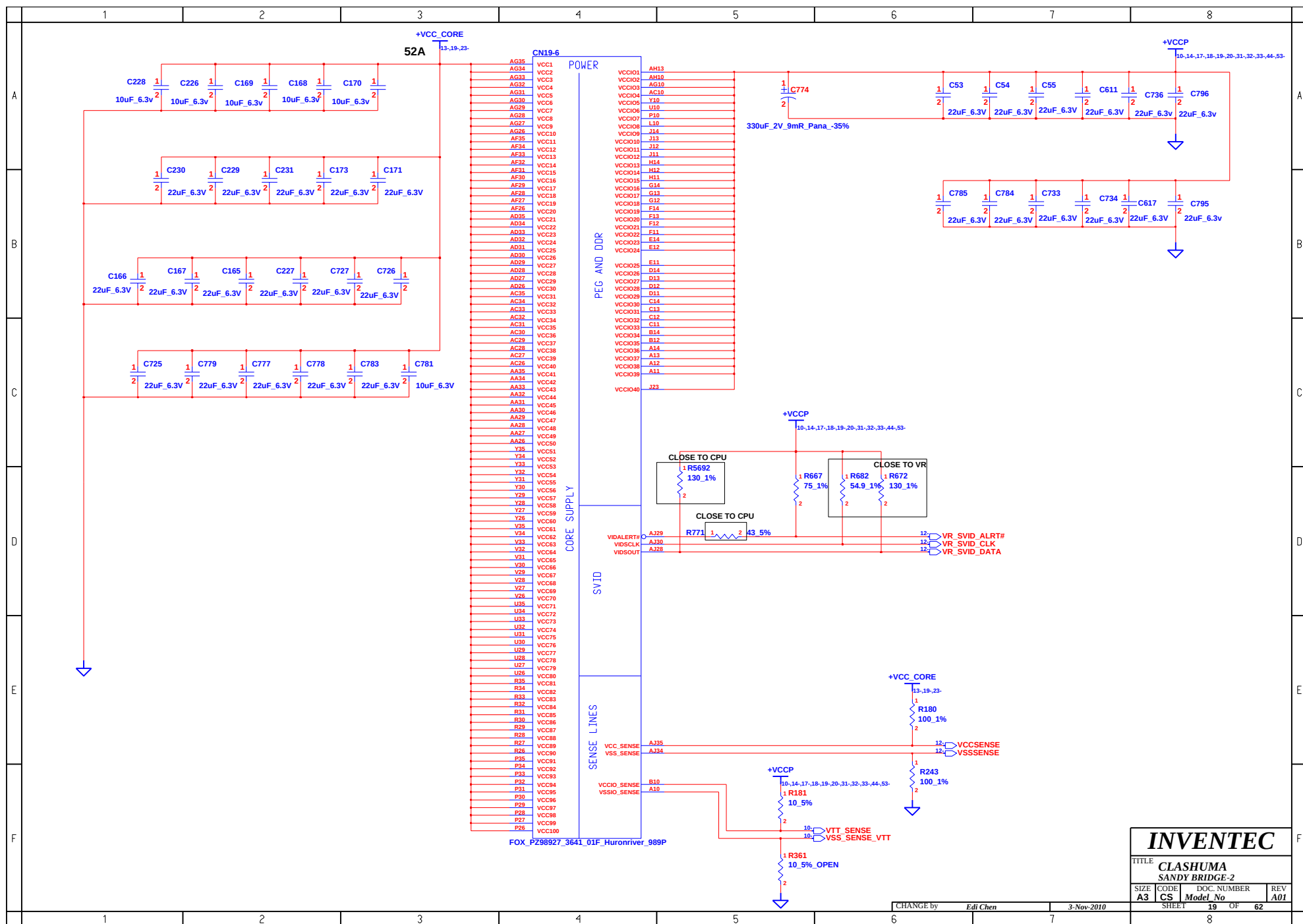
CHANGE by	<i>Edi Chen</i>	<i>3-Nov-2010</i>
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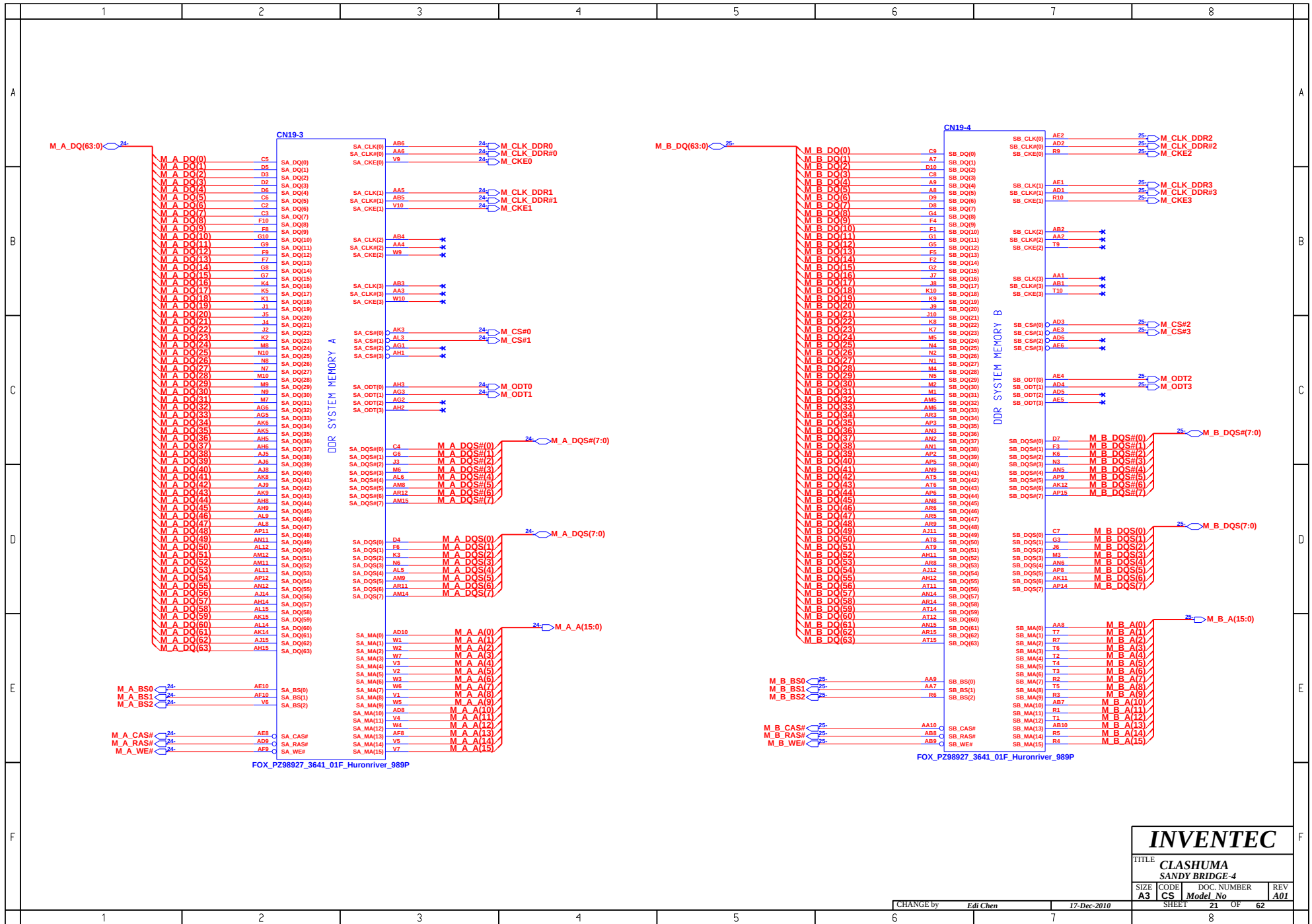


INVENTEC

TITLE			
CLASHUMA SANDY BRIDGE-I			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
SHEET		18	OF 62

CHANGE by *Edi Chen* 3-Nov-2010





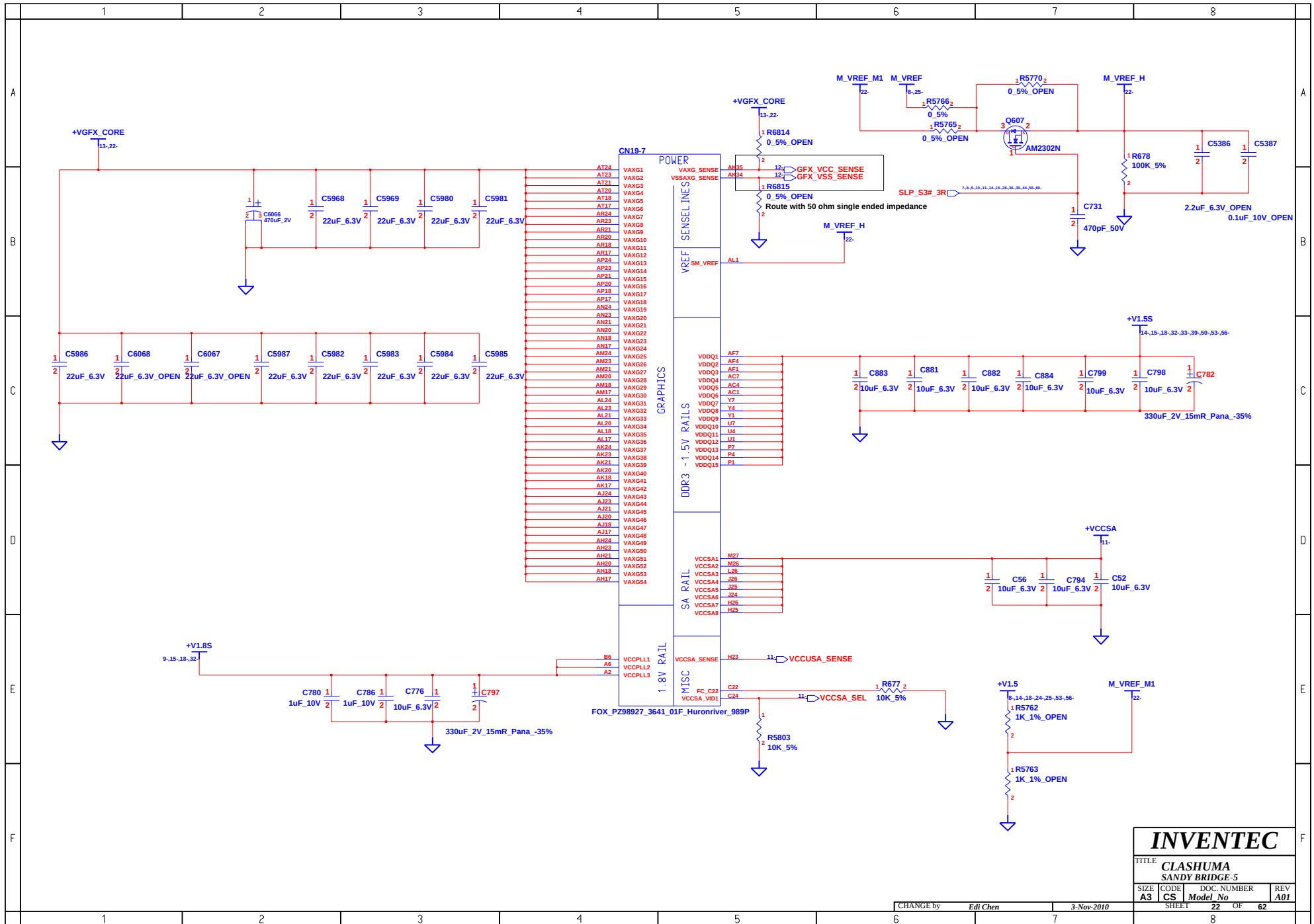
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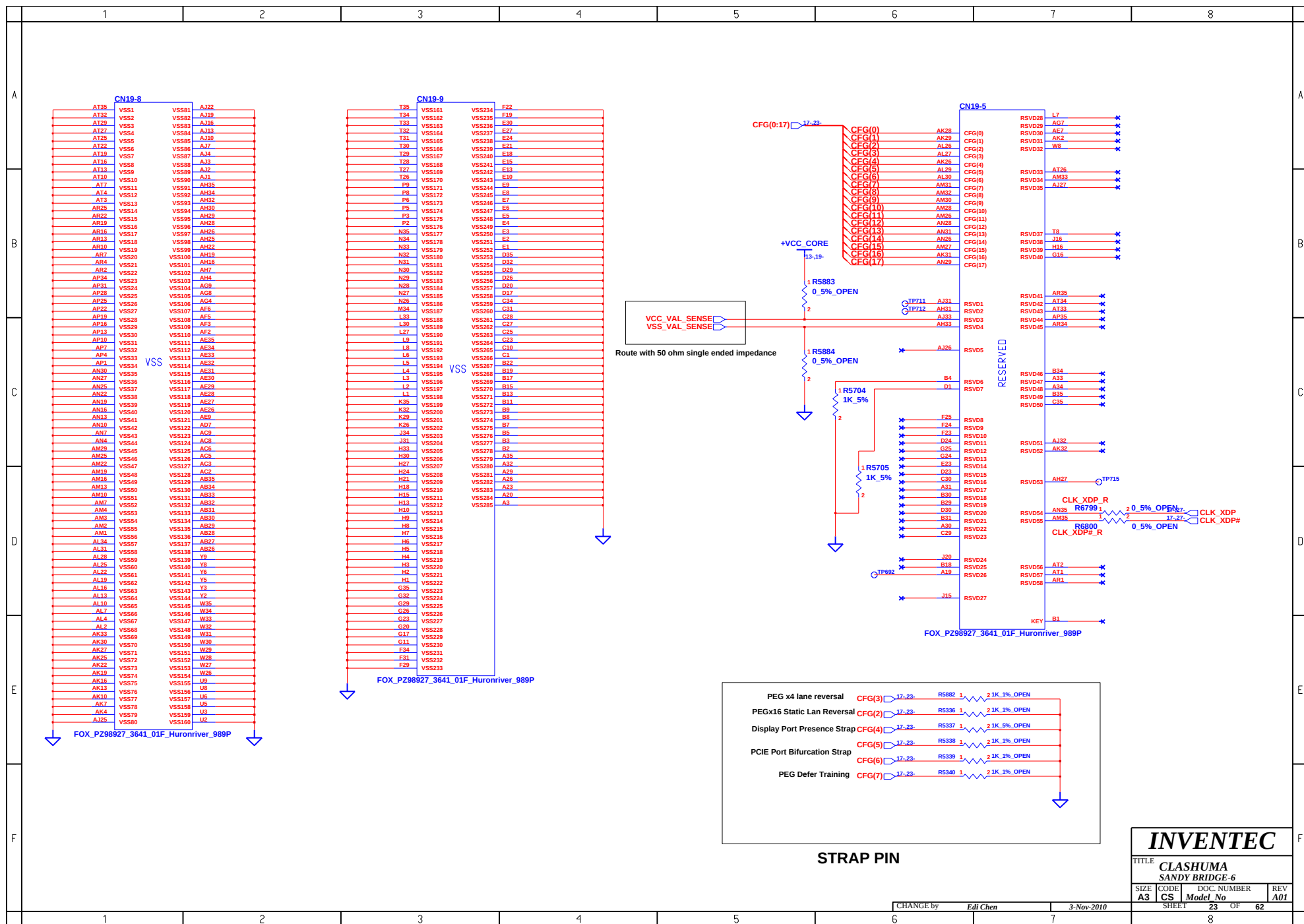
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CLASHUMA
SANDY BRIDGE-4

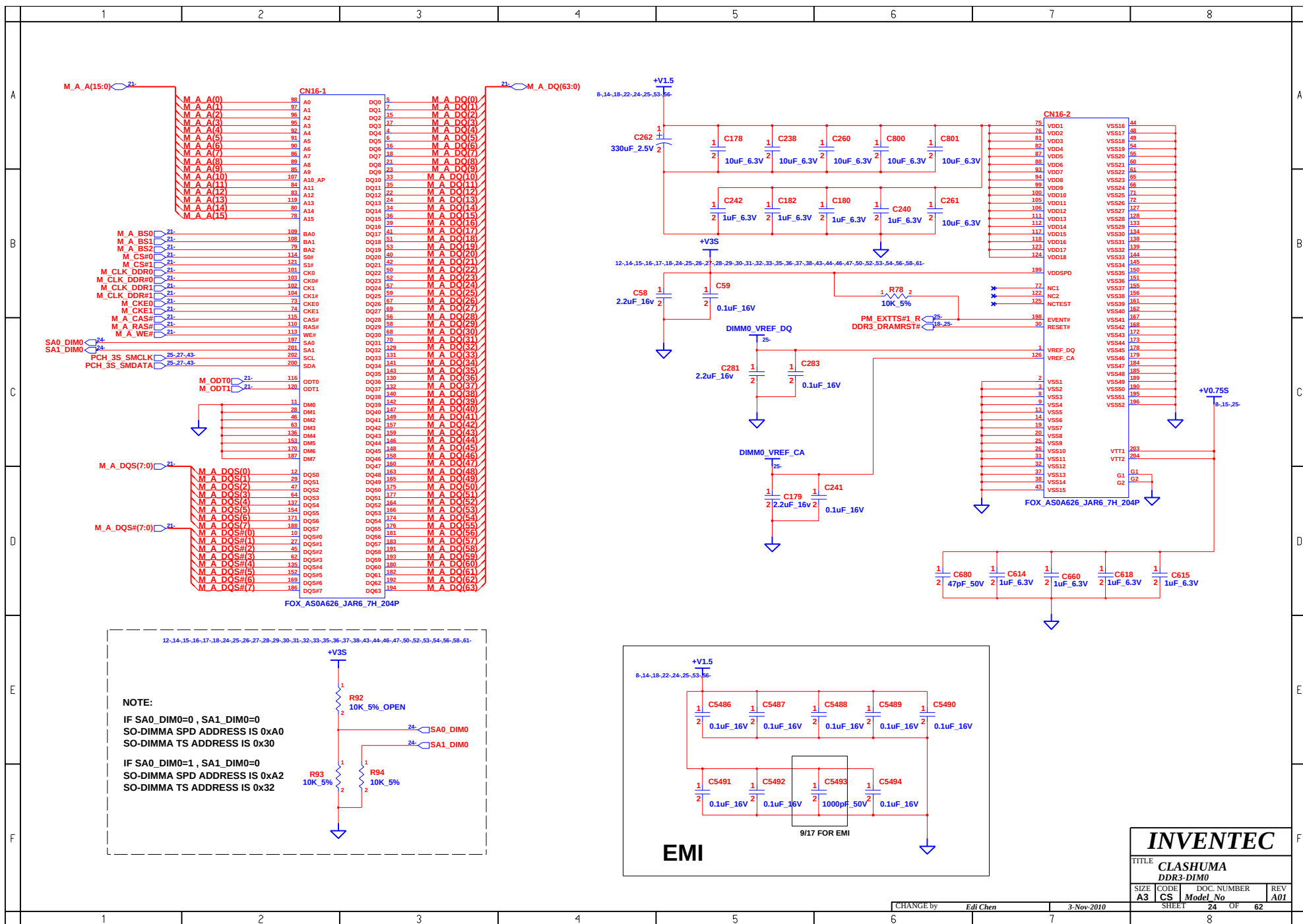
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A3	CS	Model_No	A01

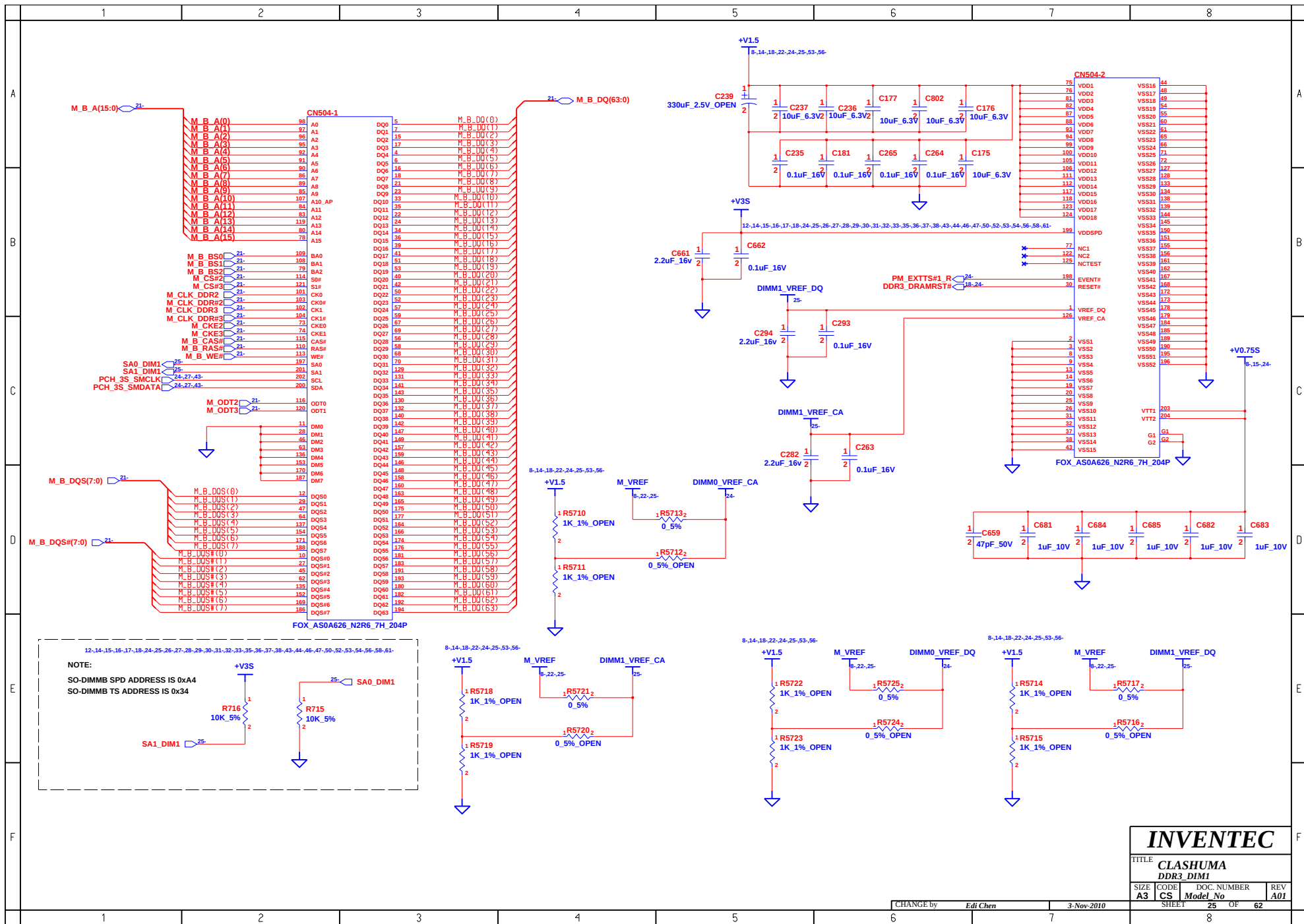
CHANGE by Edi Chen 17-Dec-2010

SHEET 21 OF 62





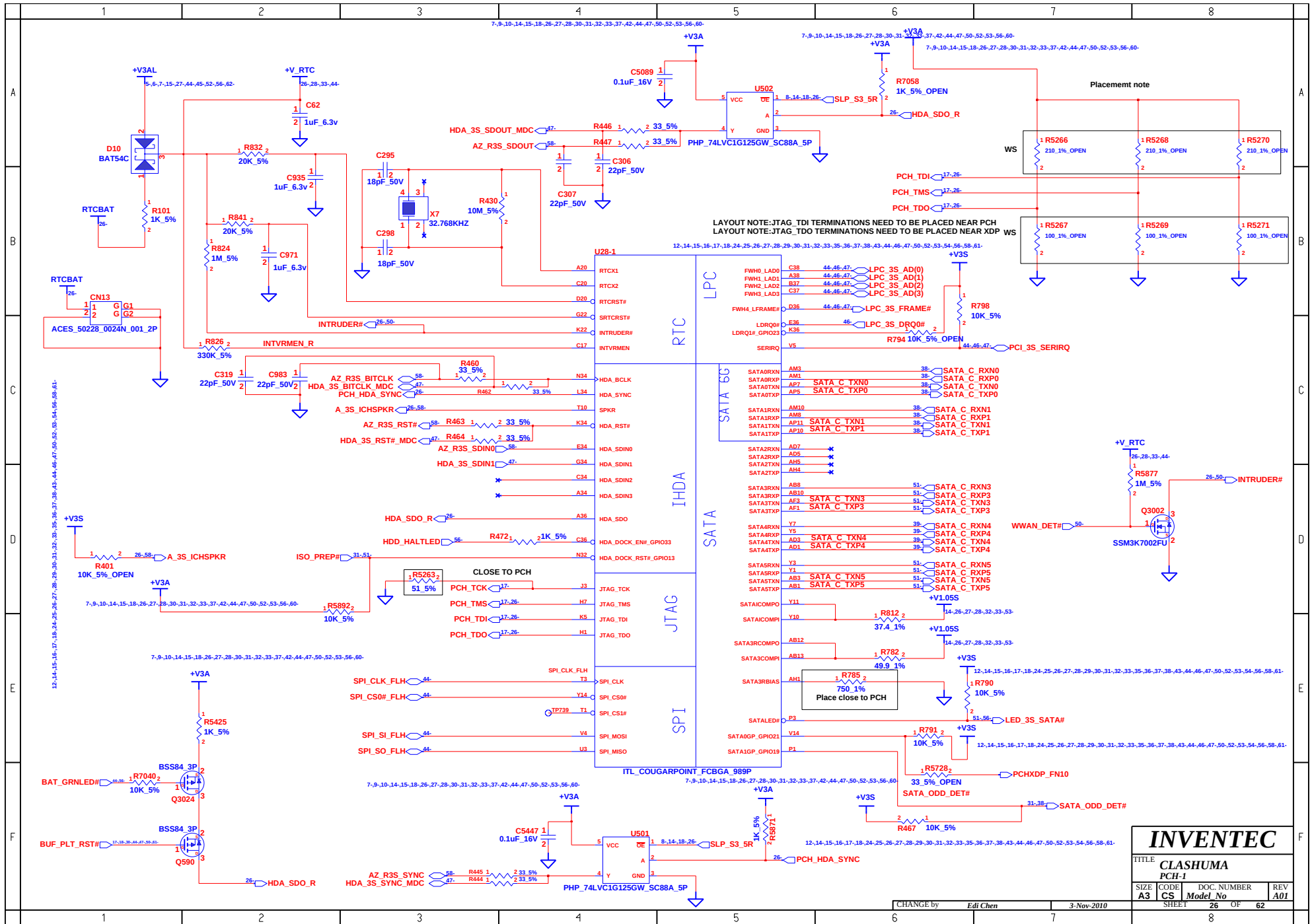


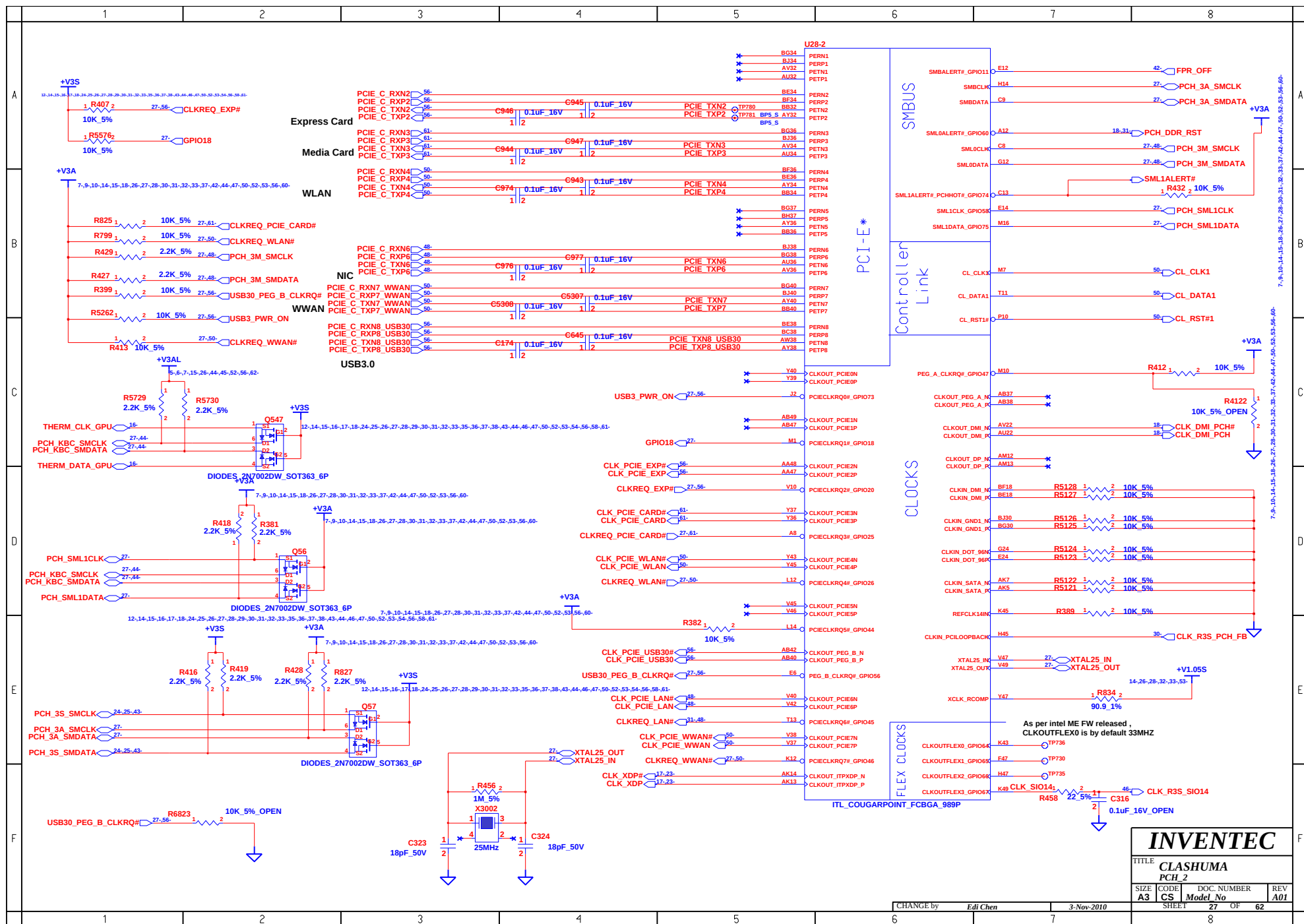


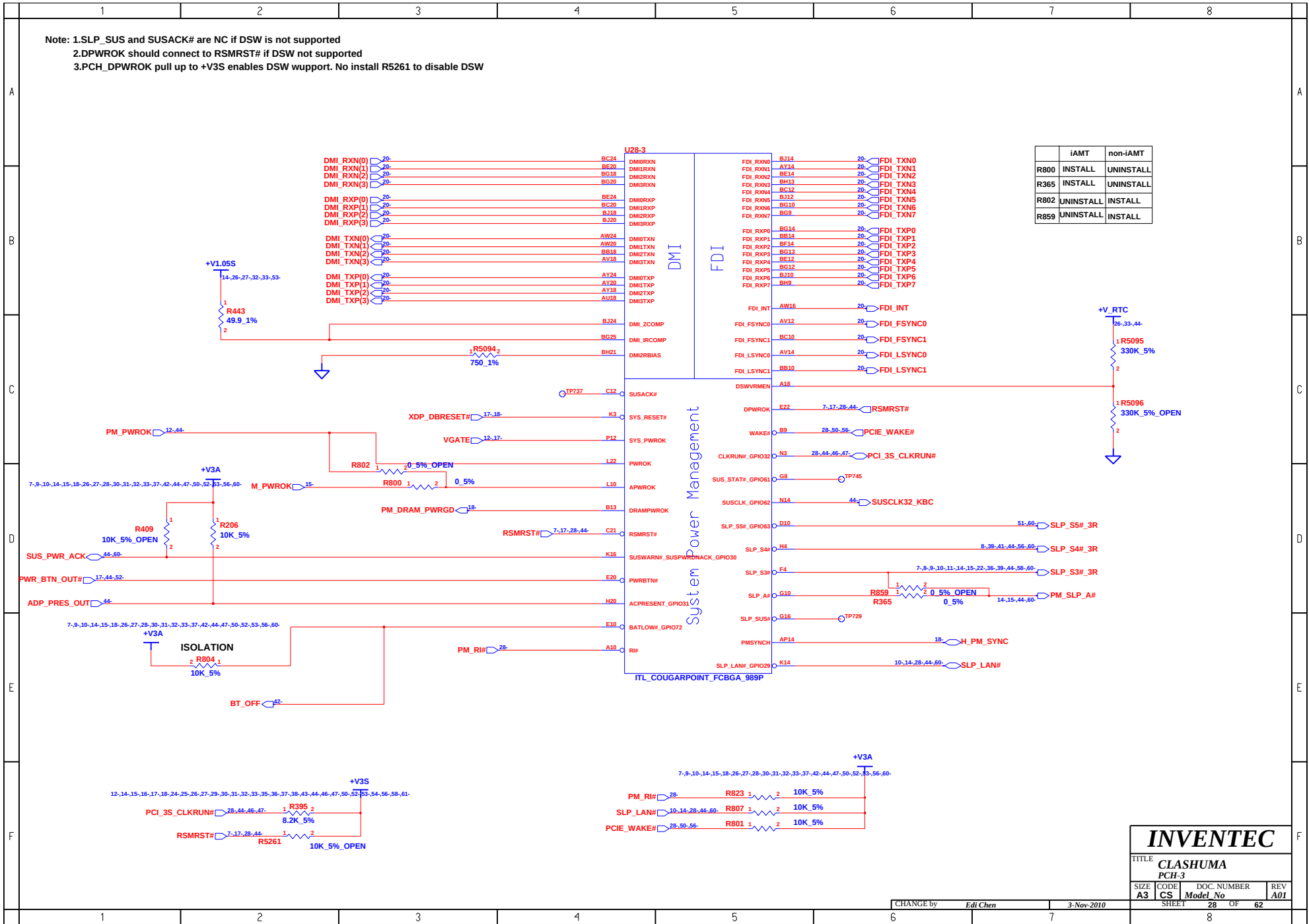
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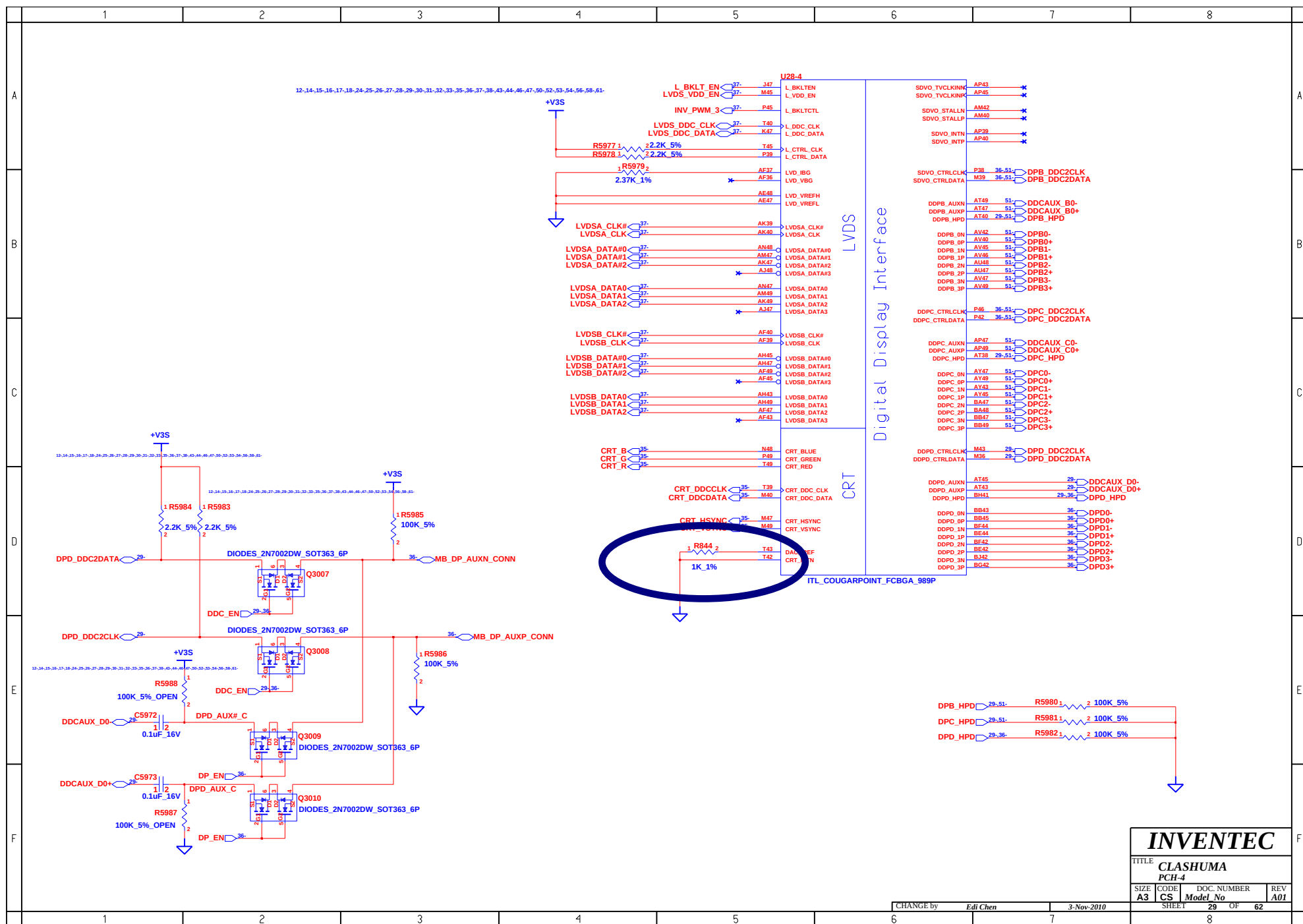
TITLE			
CLASHUMA			
DDR3_DIM1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model_No	A01
SHEET		25	OF 62

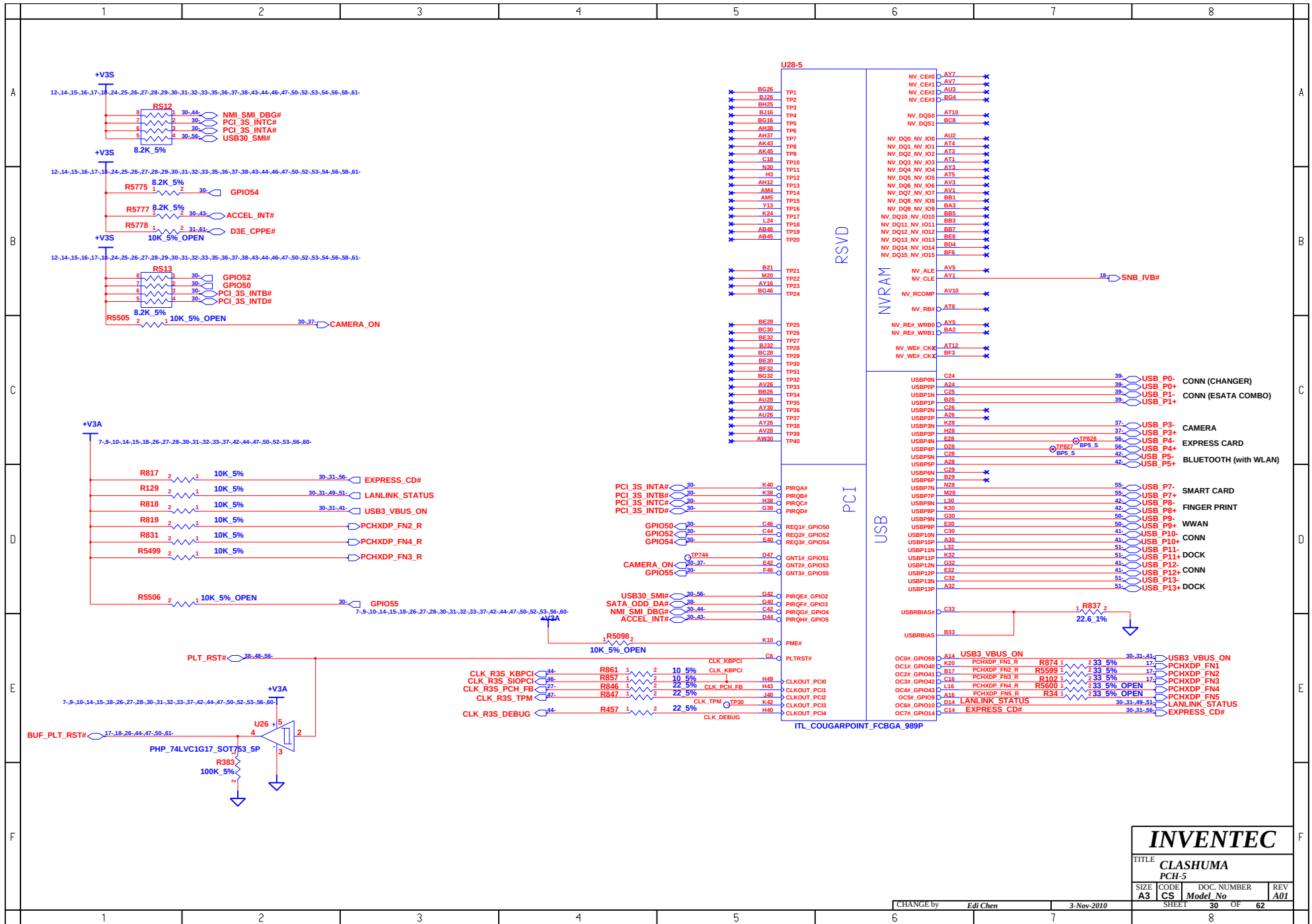
CHANGE by *Edi Chen* 3-Nov-2010

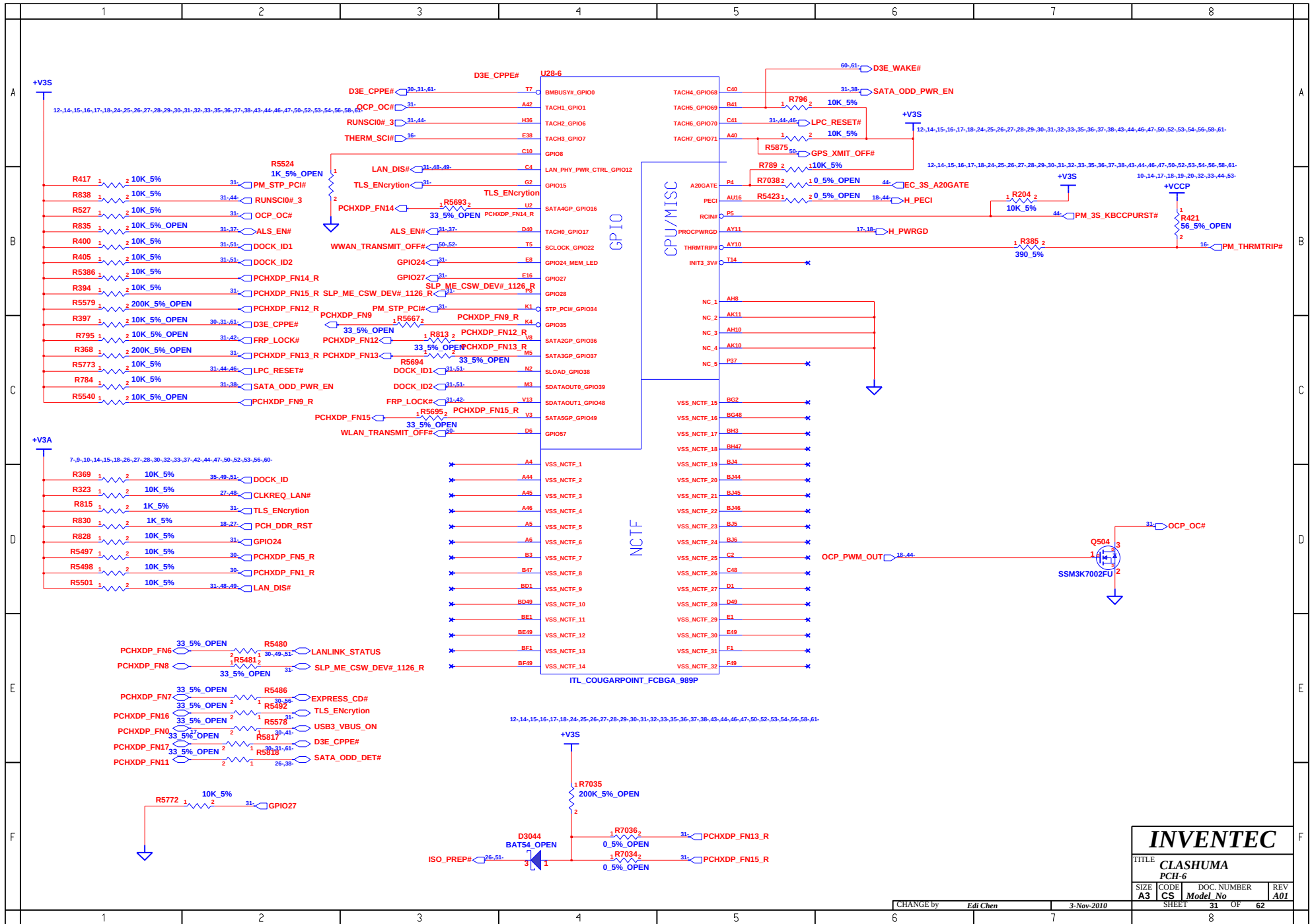


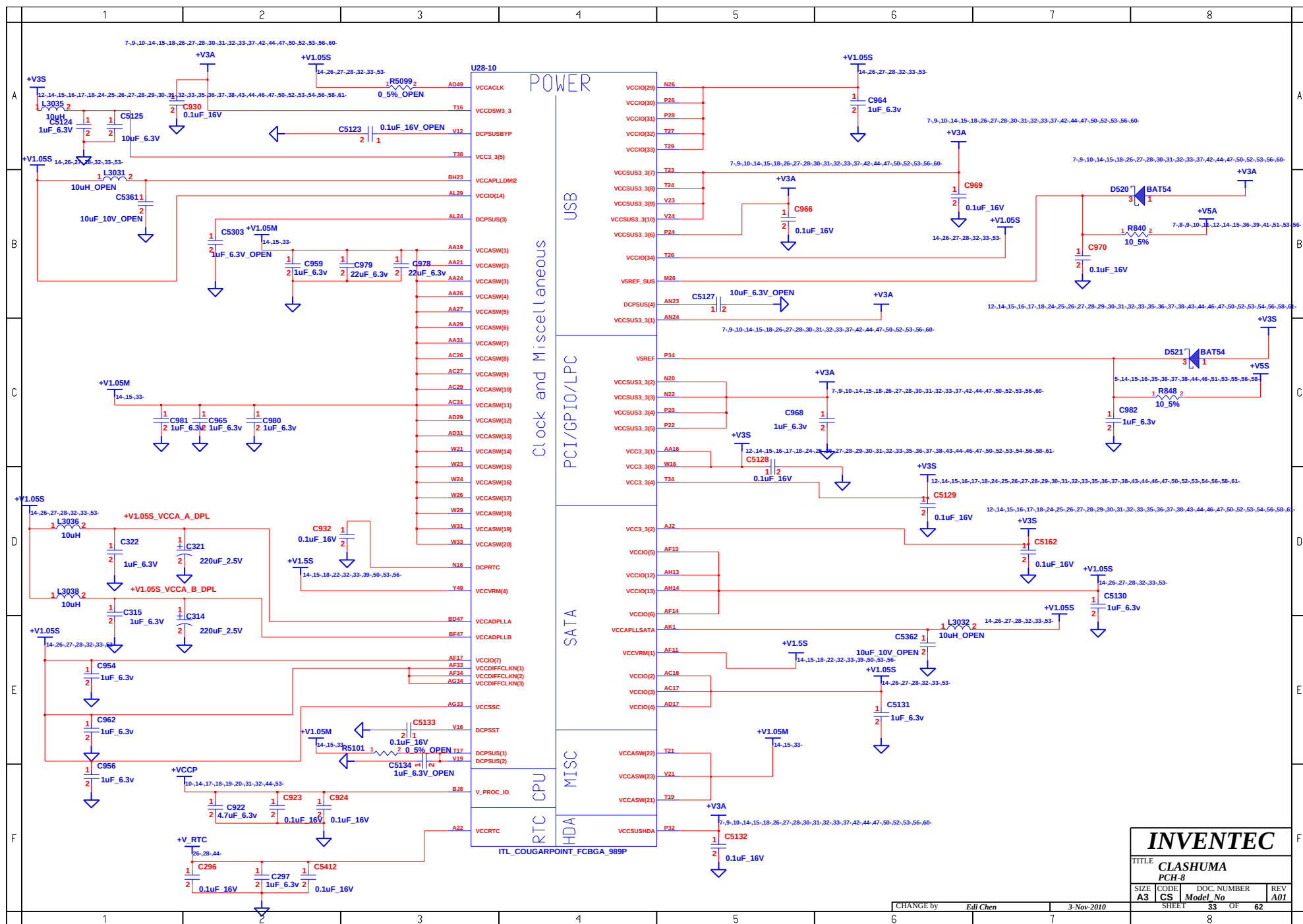




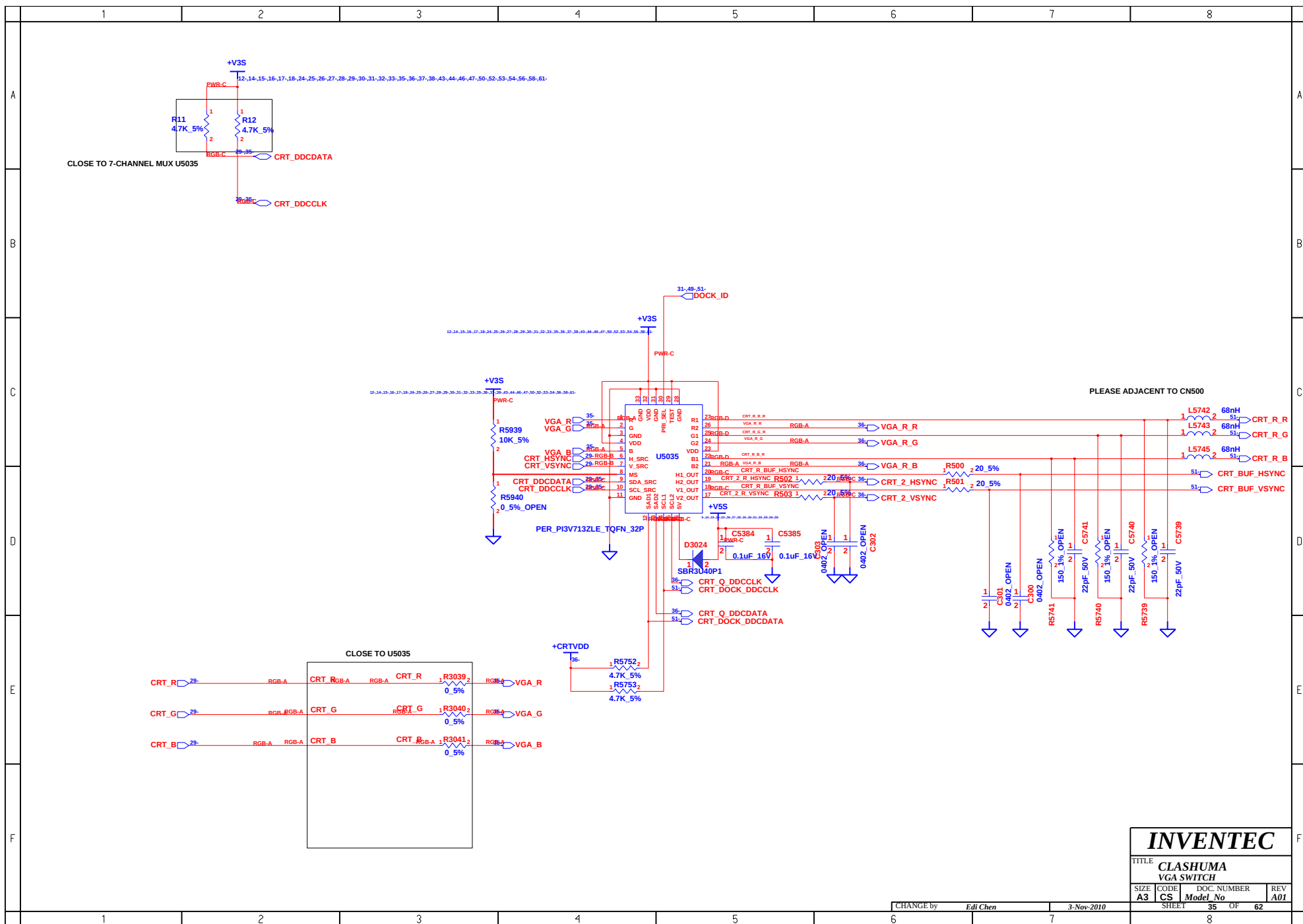


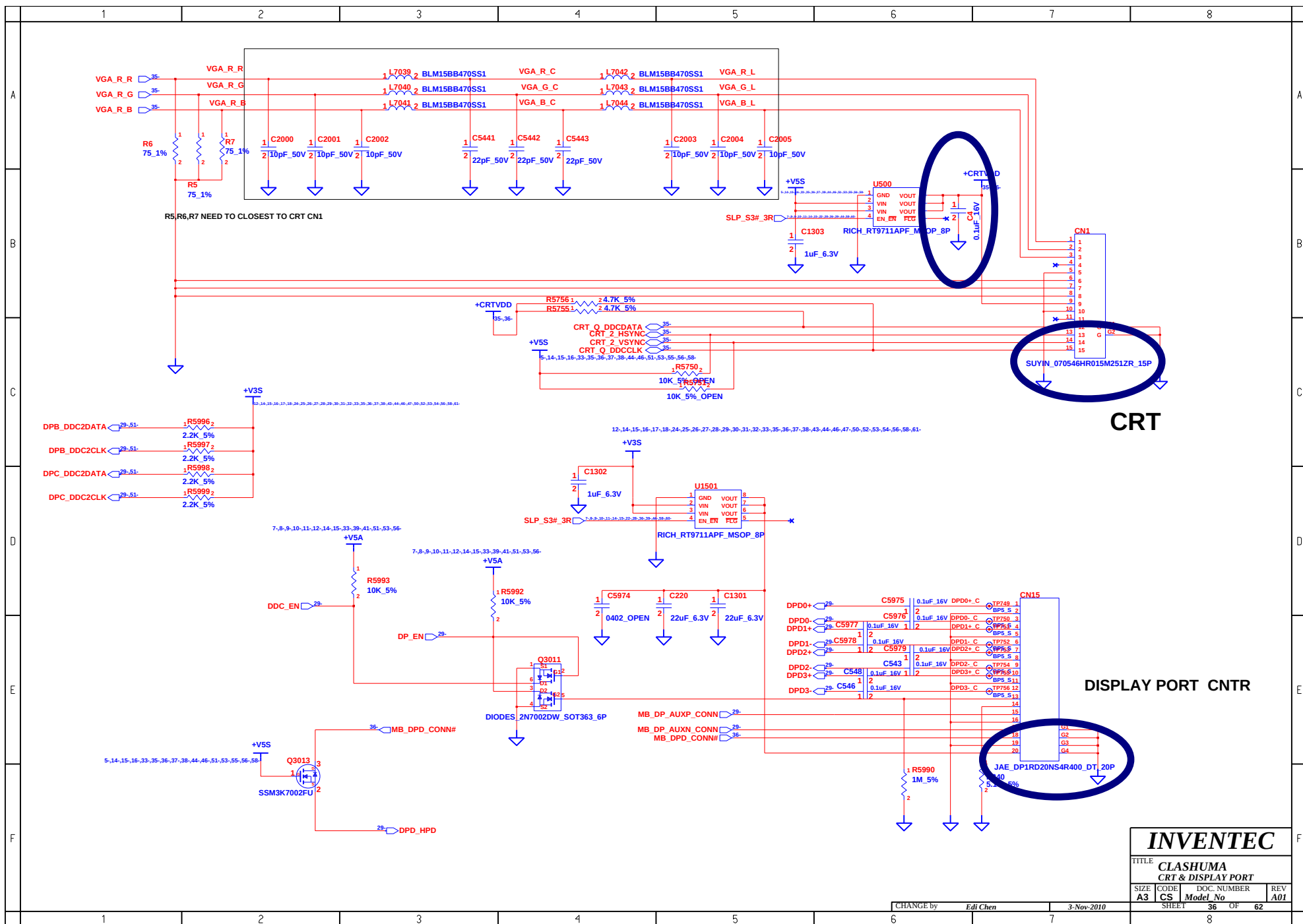


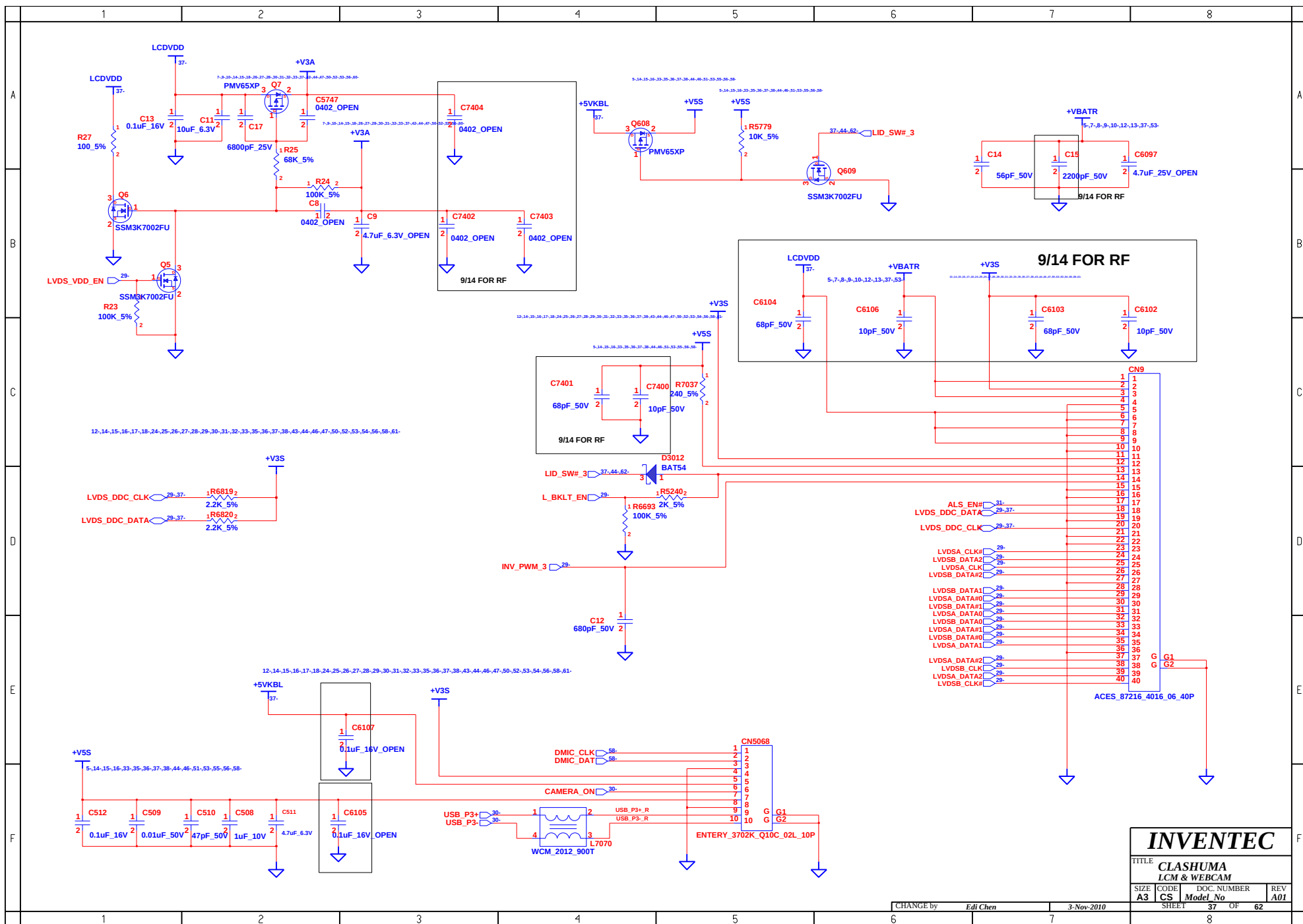


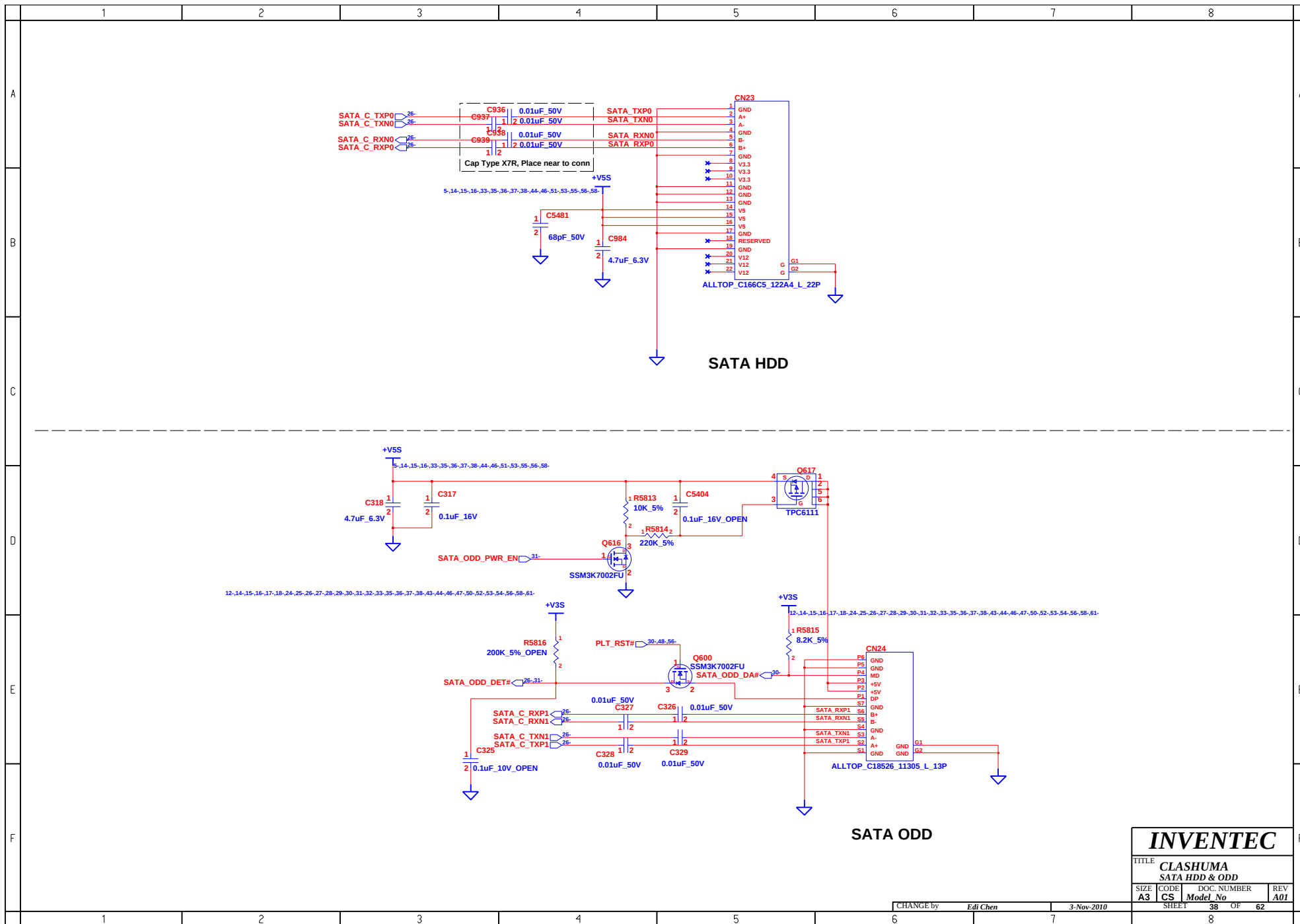


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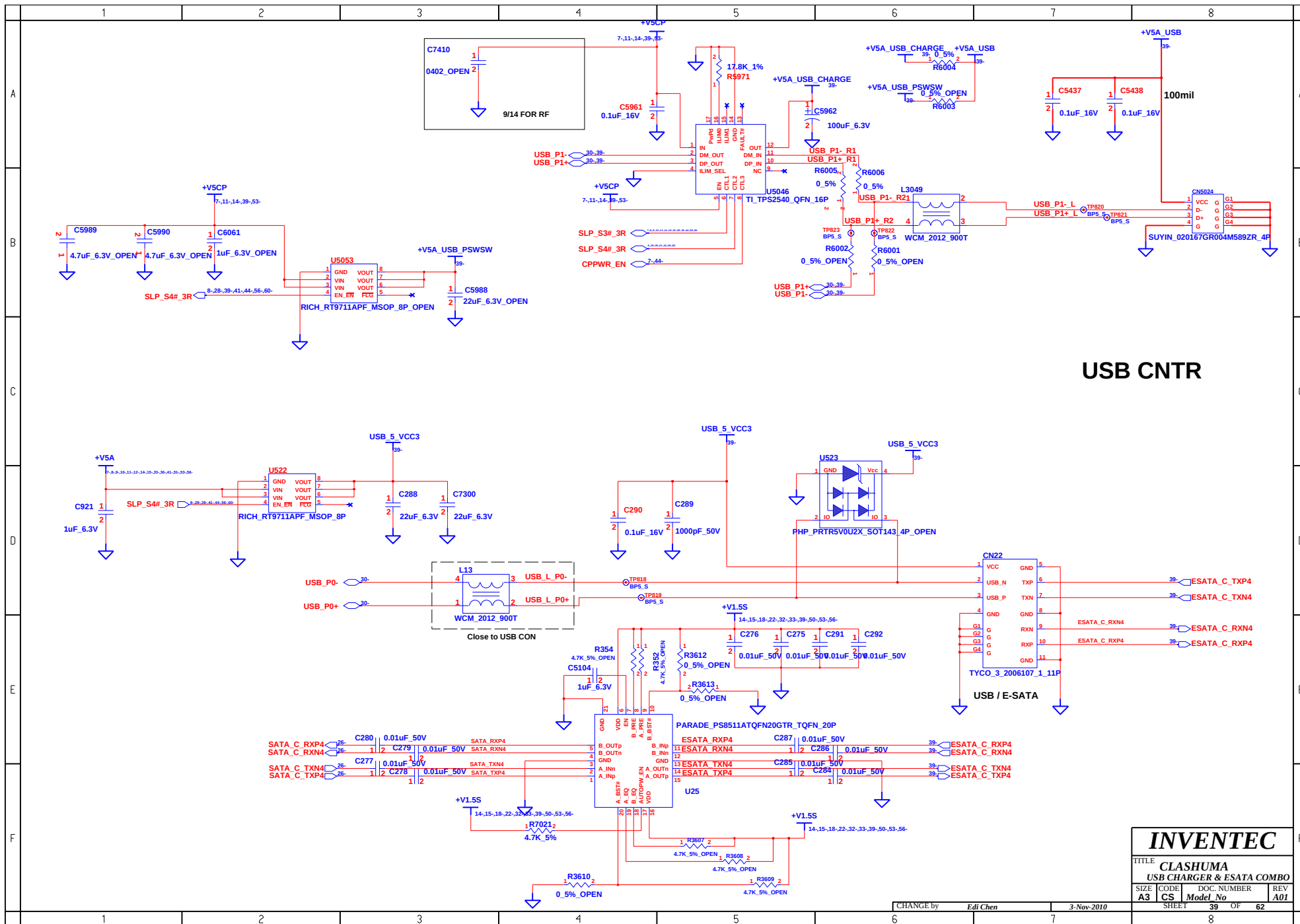








INVENTEC			
TITLE CLASHUMA SATA HDD & ODD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Edi Chen		3-Nov-2010	
SHEET 38		OF 62	



USB CNTR

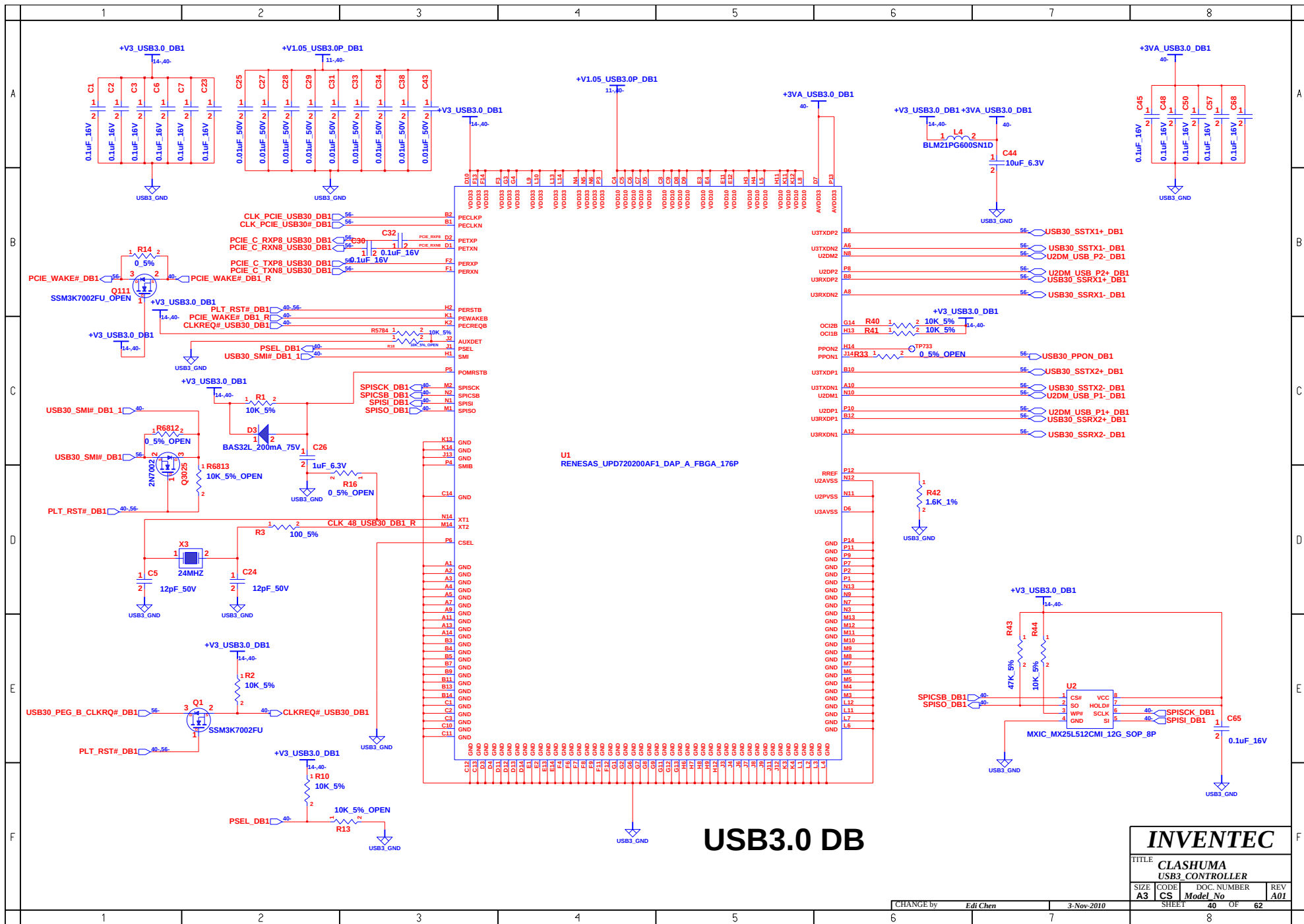
INVENTEC

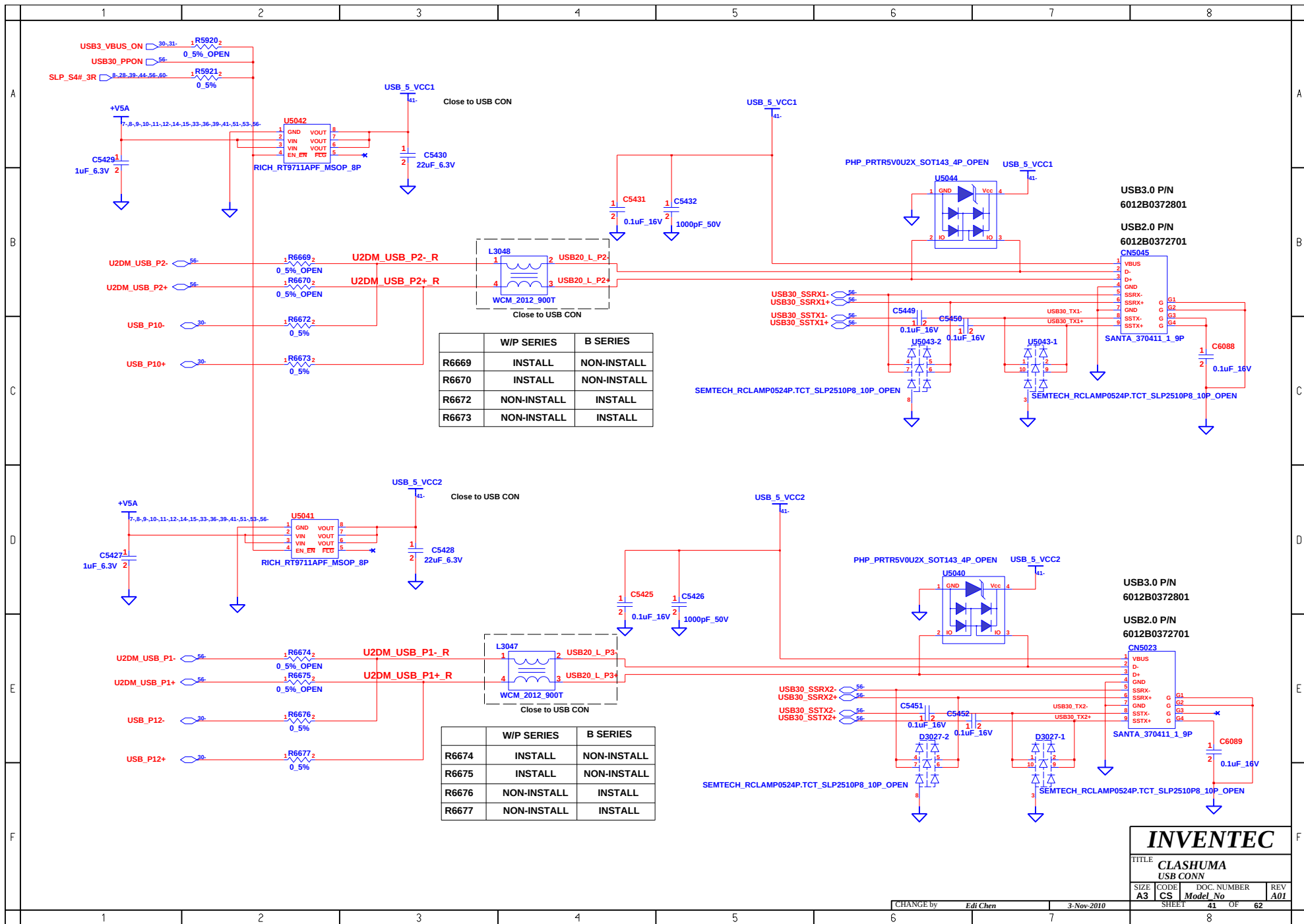
TITLE **CLASHUMA**
USB CHARGER & ESATA COMBO

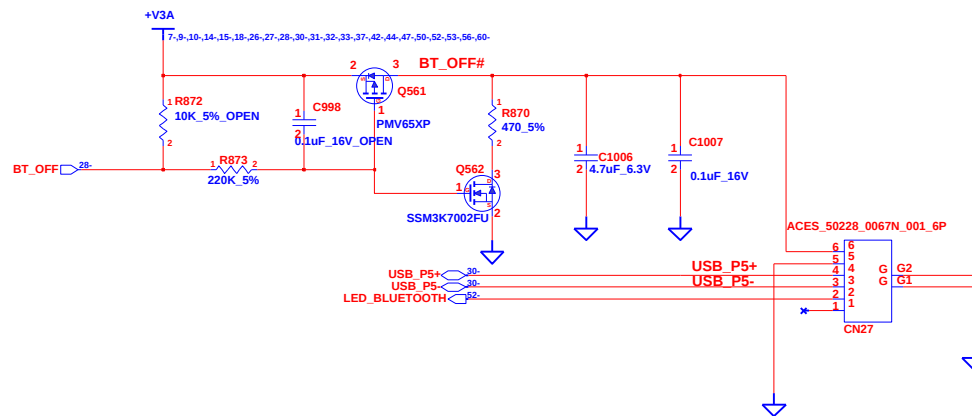
SIZE CODE DOC. NUMBER REV
A3 CS Model No A01

CHANGE by *Edi Chen* 3-Nov-2010

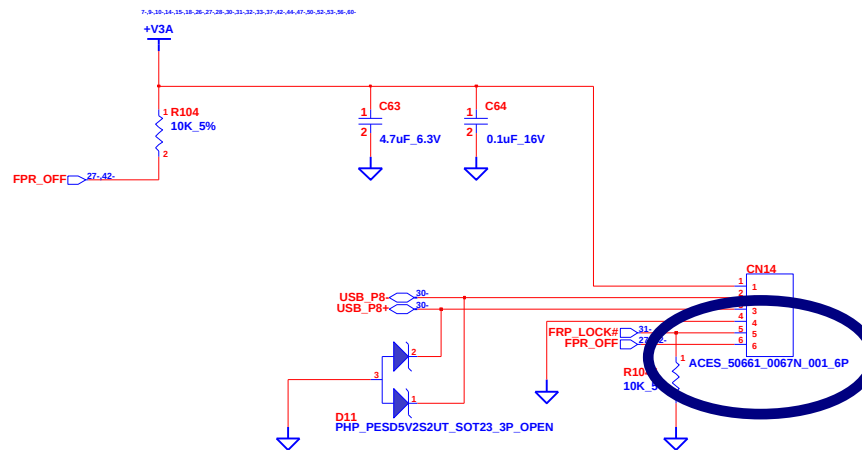
SHEET 39 OF 62







BLUETOOTH

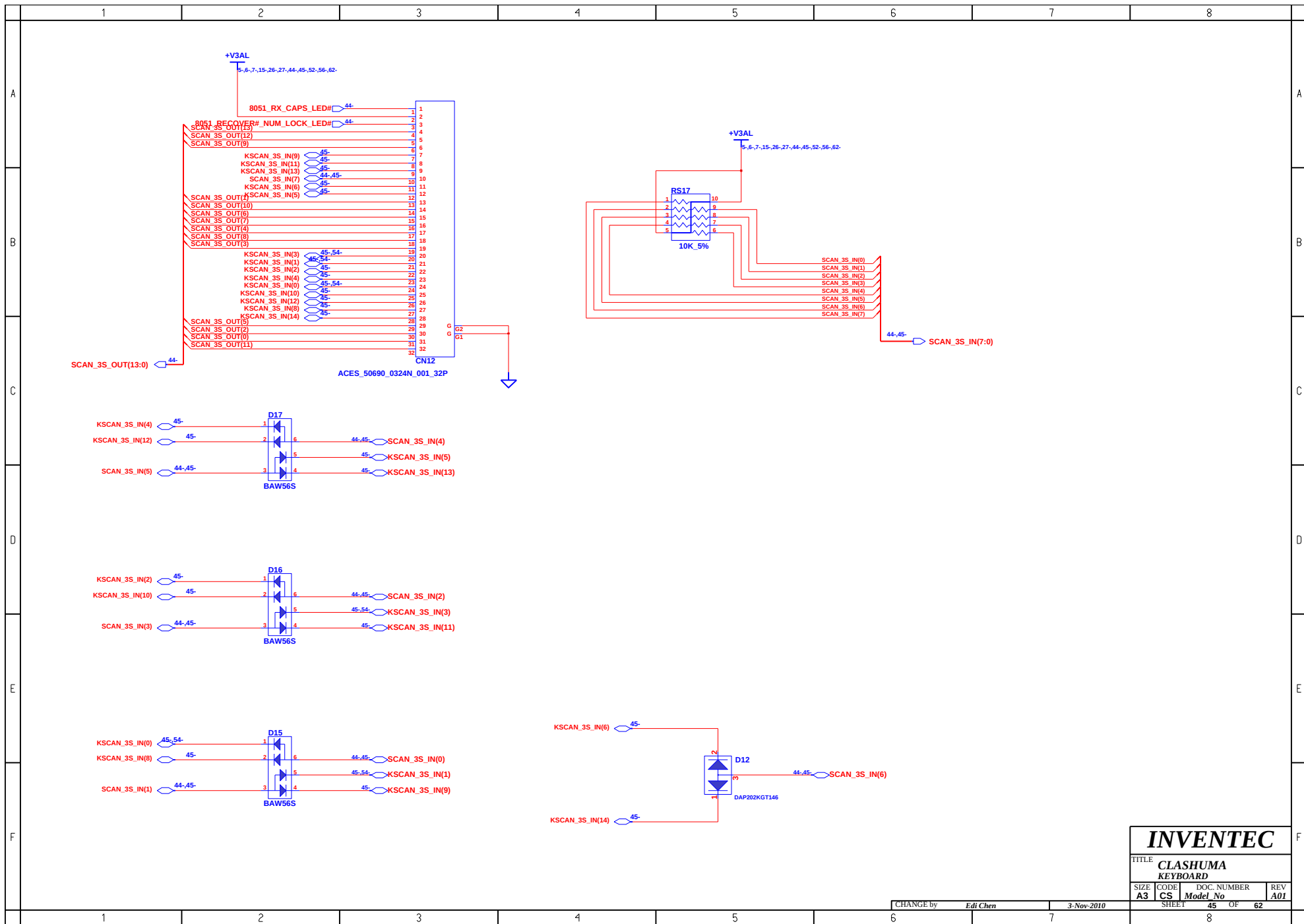


FINGER PRINTER CNTR

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	8



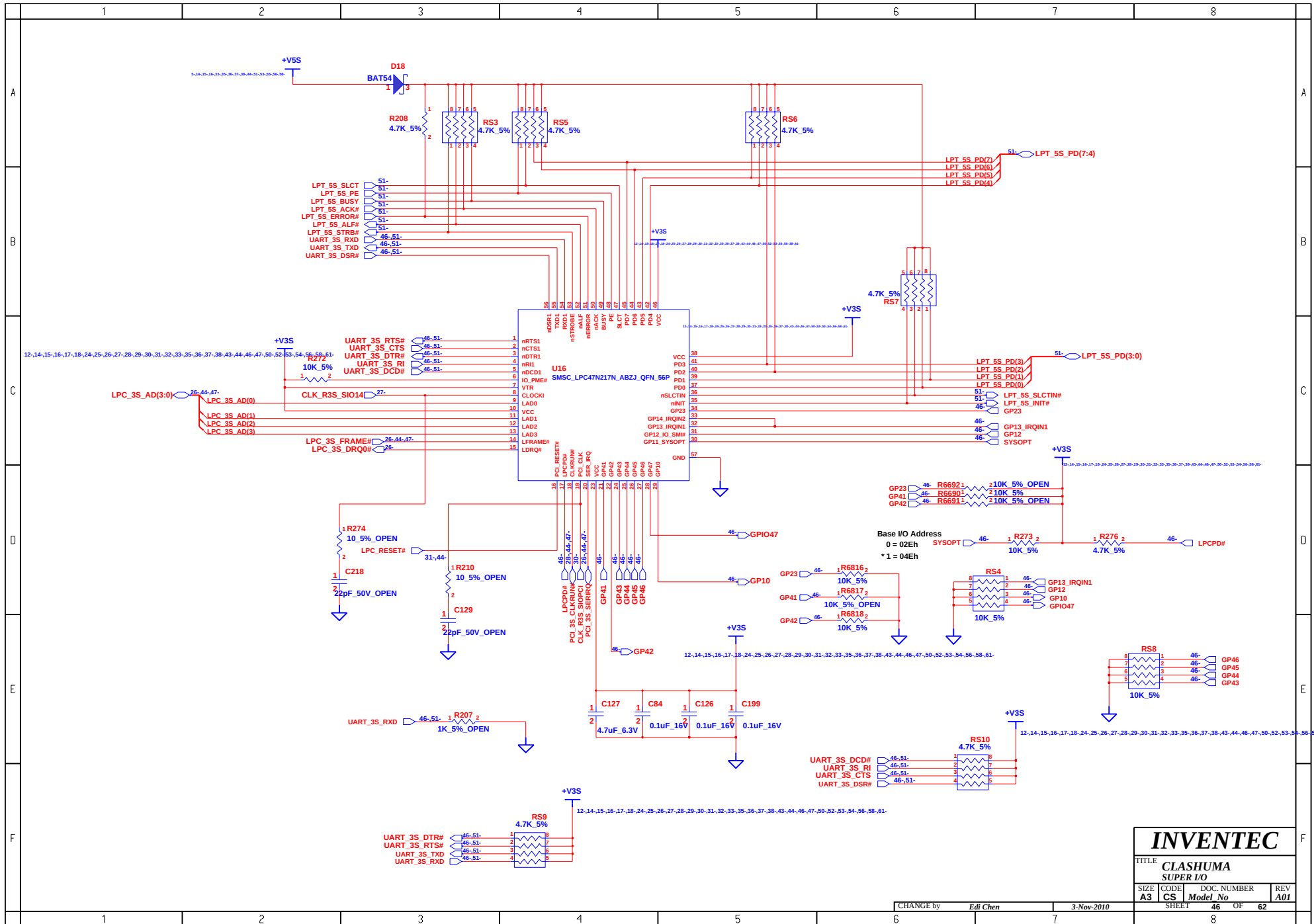
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CLASHUMA ACCEMETOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
SHEET		43	OF 62

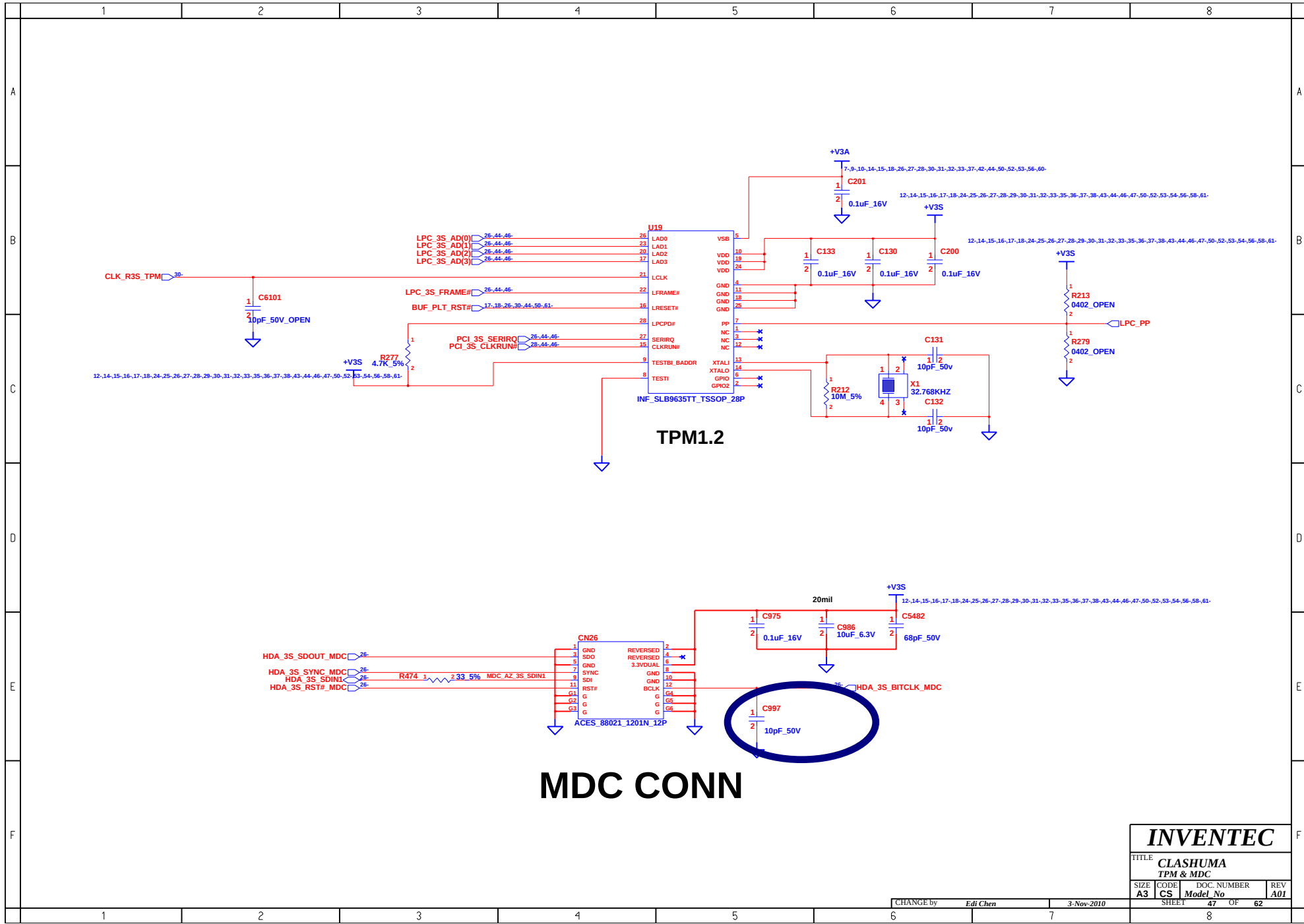


INVENTEC

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

CHANGE by *Edi Chen* 3-Nov-2010



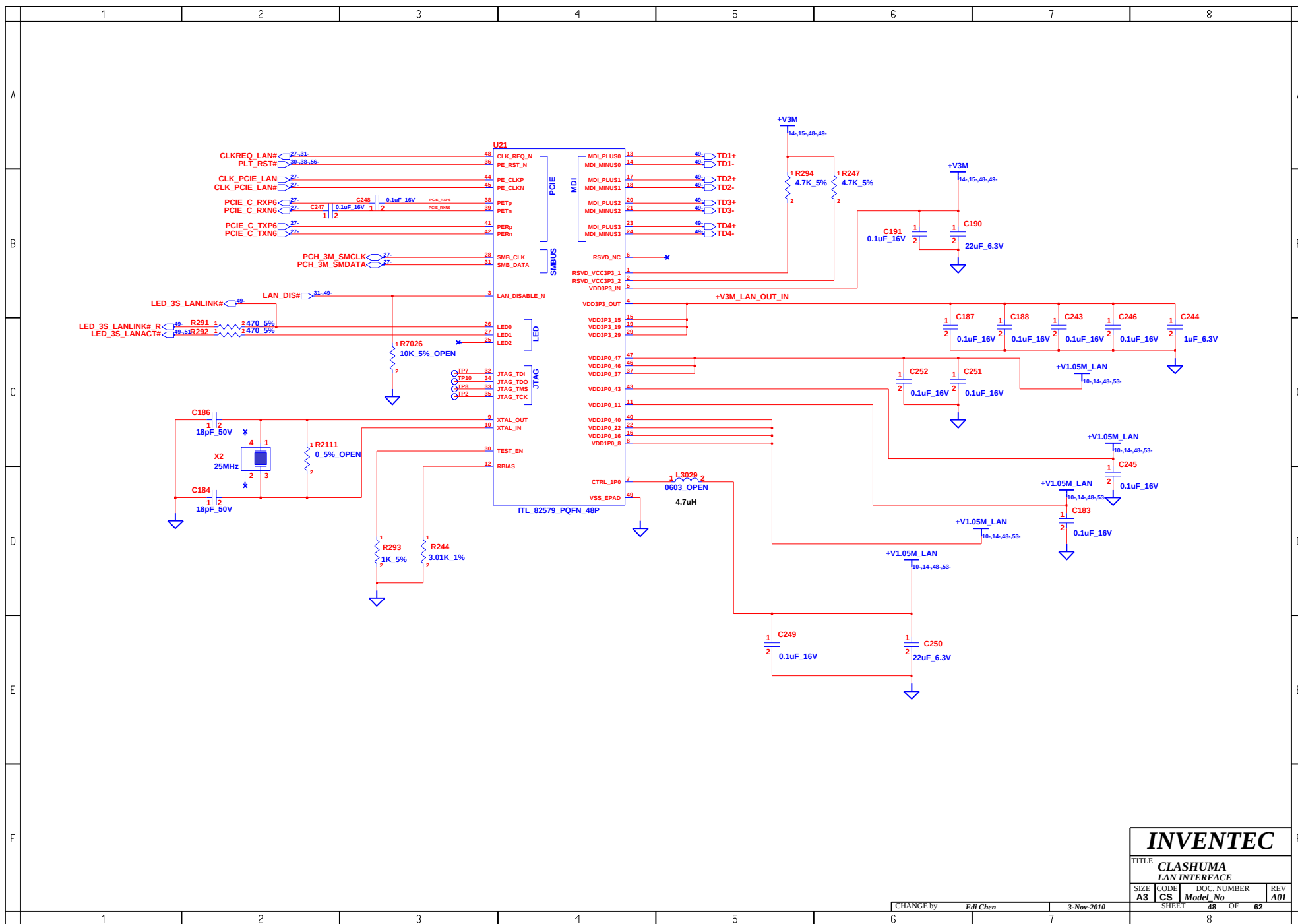


INVENTEC

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

CHANGE by *Edi Chen* 3-Nov-2010

SHEET 47 OF 62



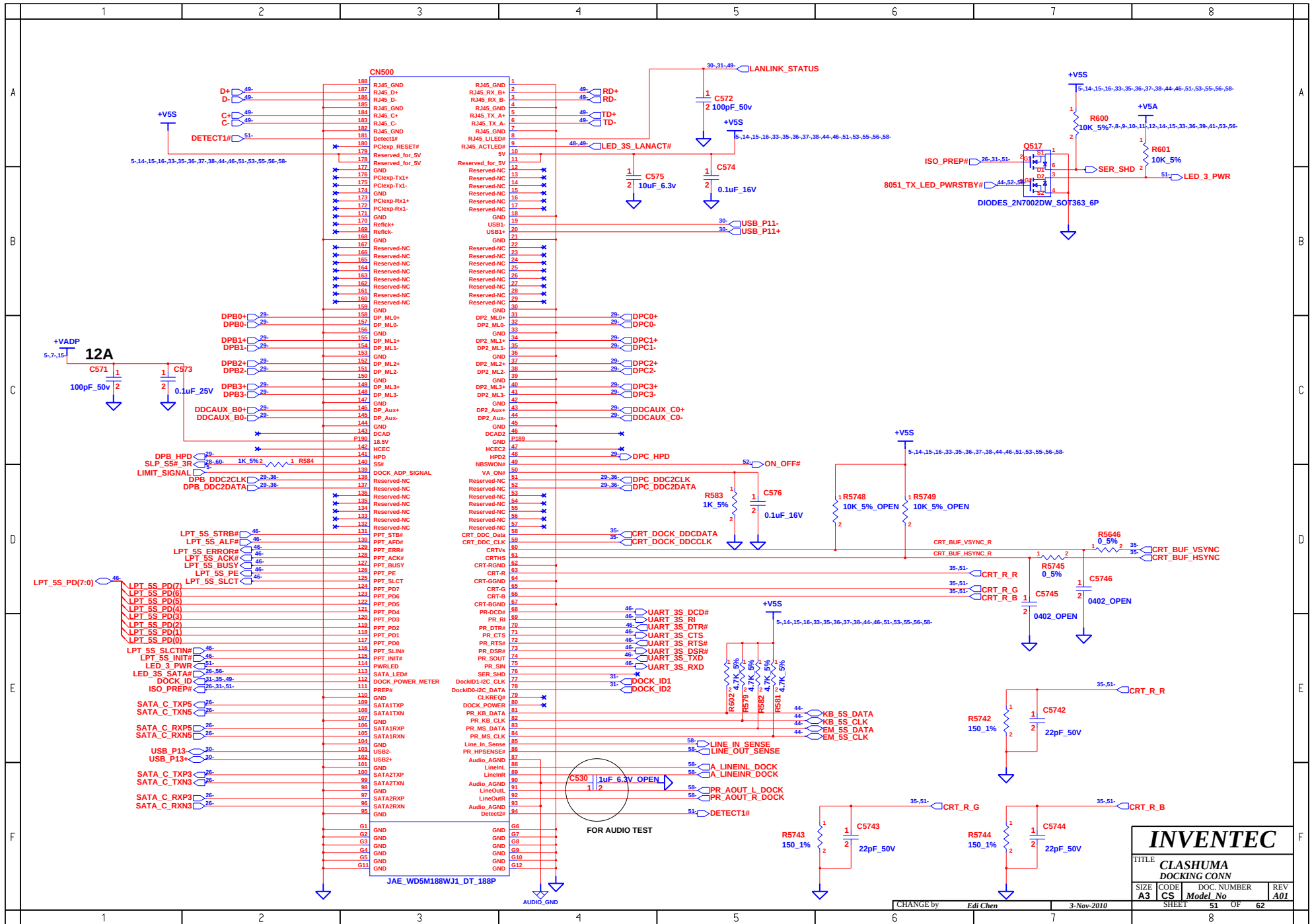
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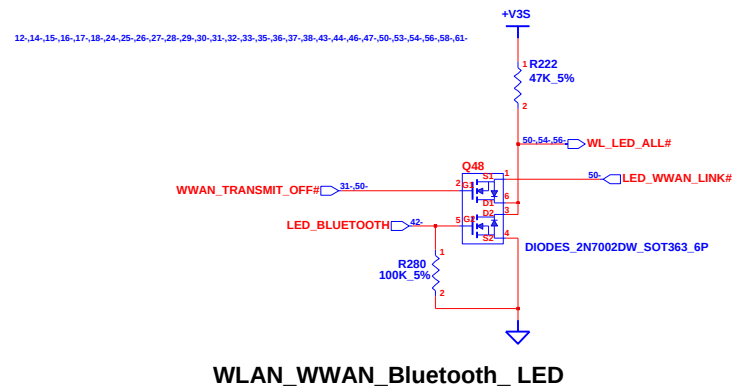
TITLE			
CLASHUMA			
LAN INTERFACE			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

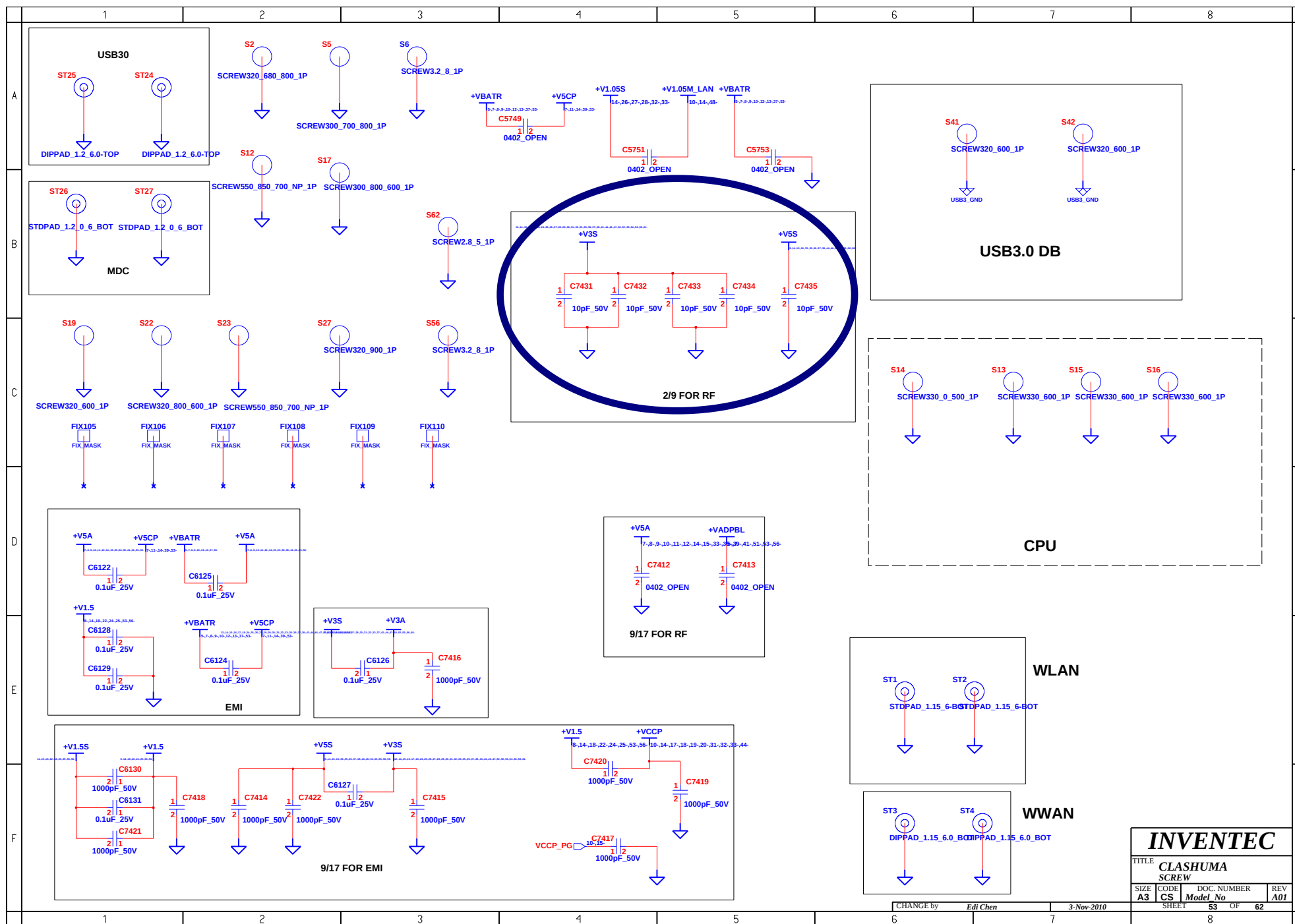
CHANGE by *Edi Chen* 3-Nov-2010

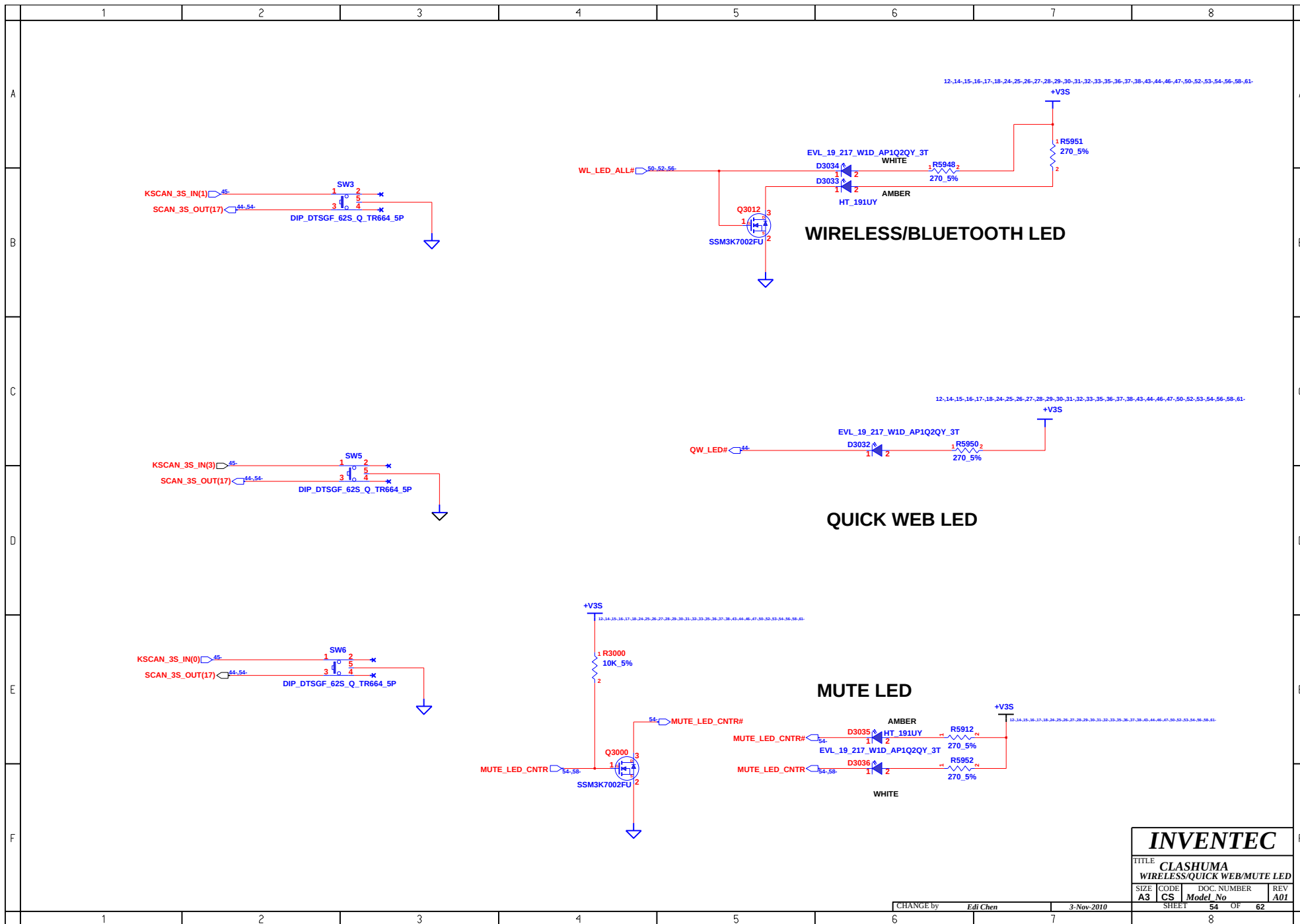
SHEET 48 OF 62



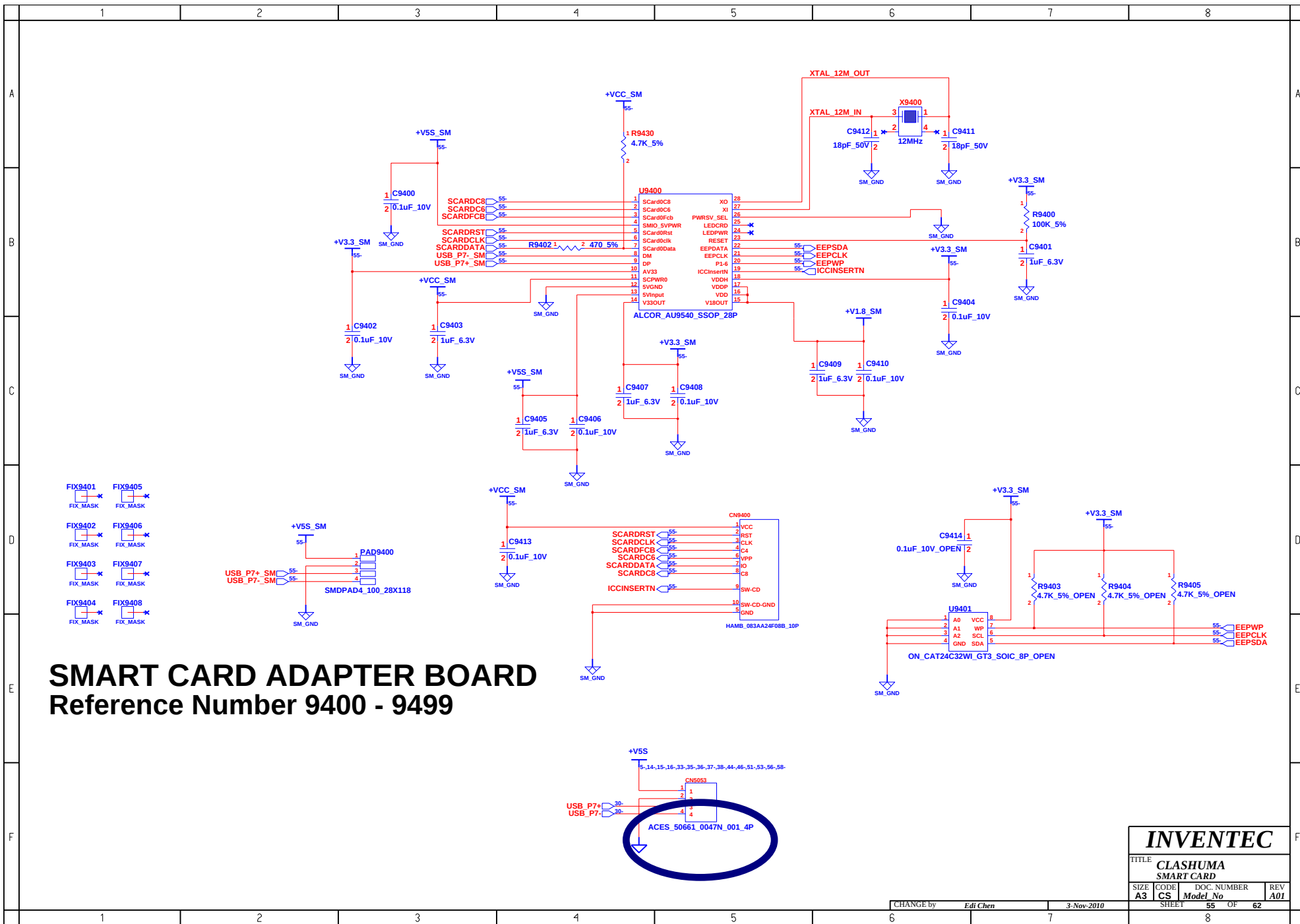




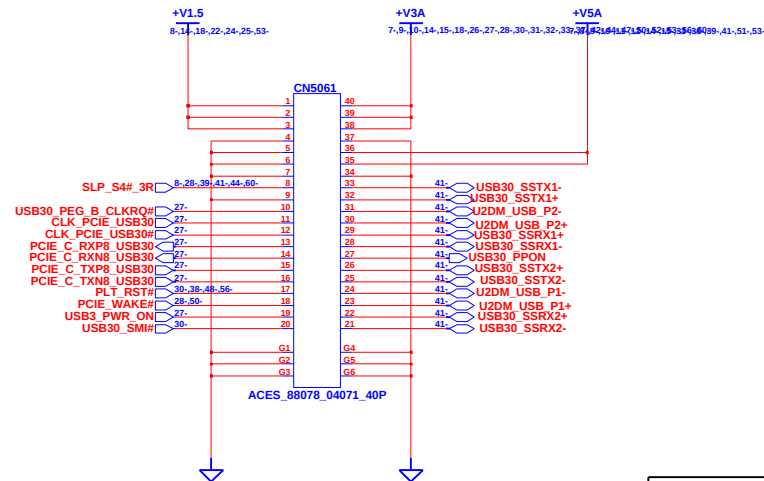
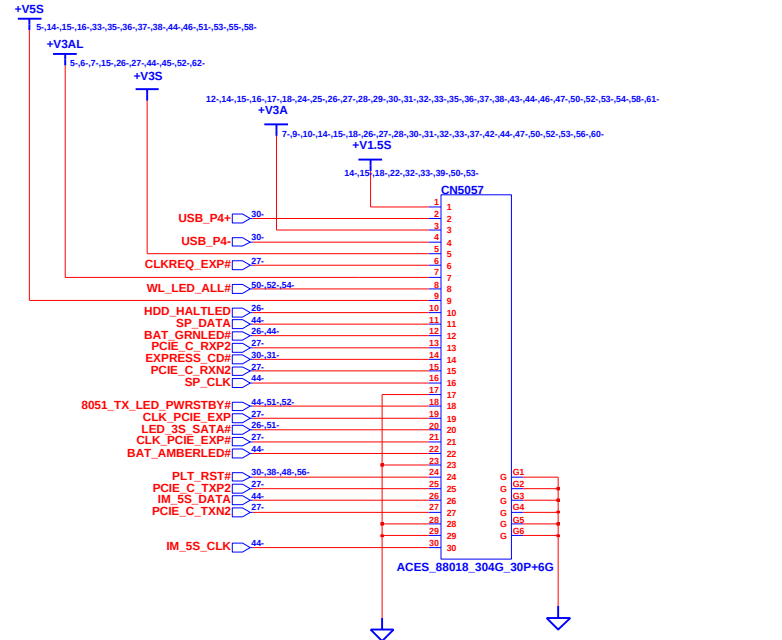
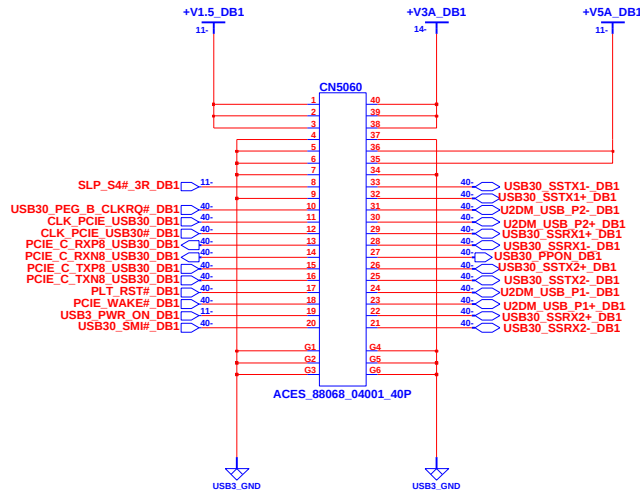
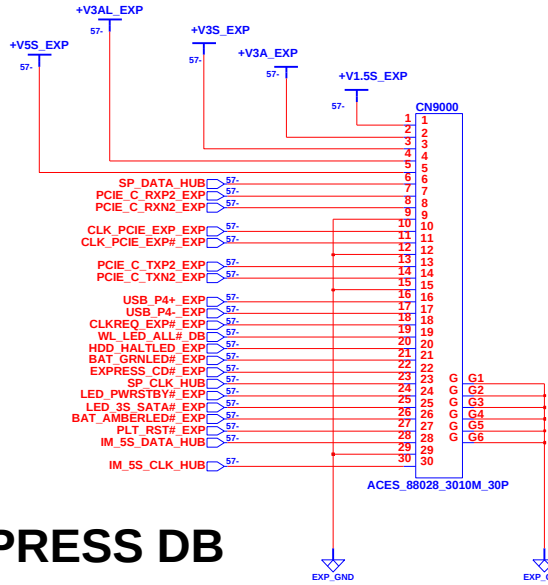




INVENTEC			
TITLE CLASHUMA WIRELESS/QUICK WEB/MUTE LED			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by		3-Nov-2010	
SHEET 54		OF 62	



Reference Number 9000 - 9099

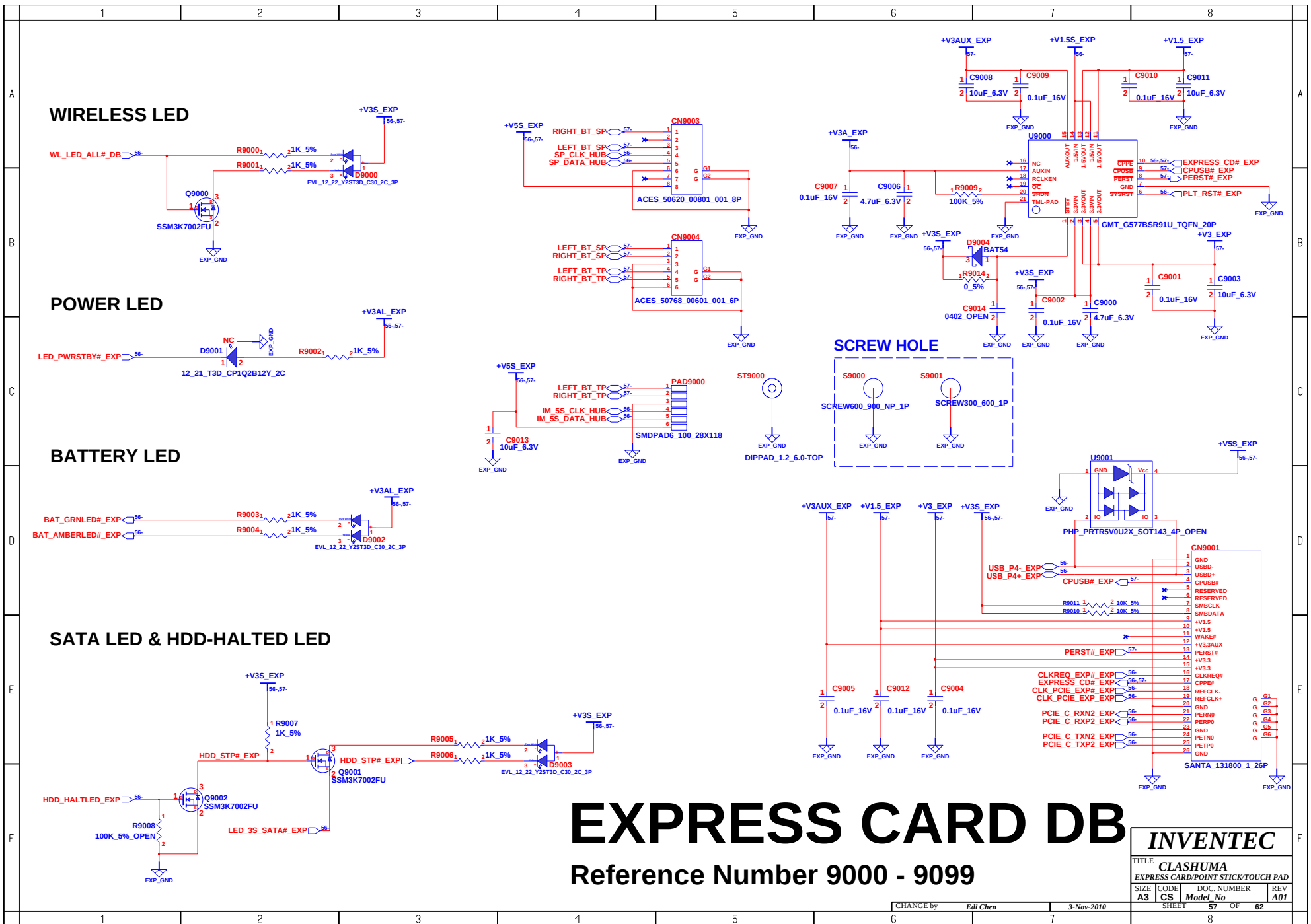


INVENTEC

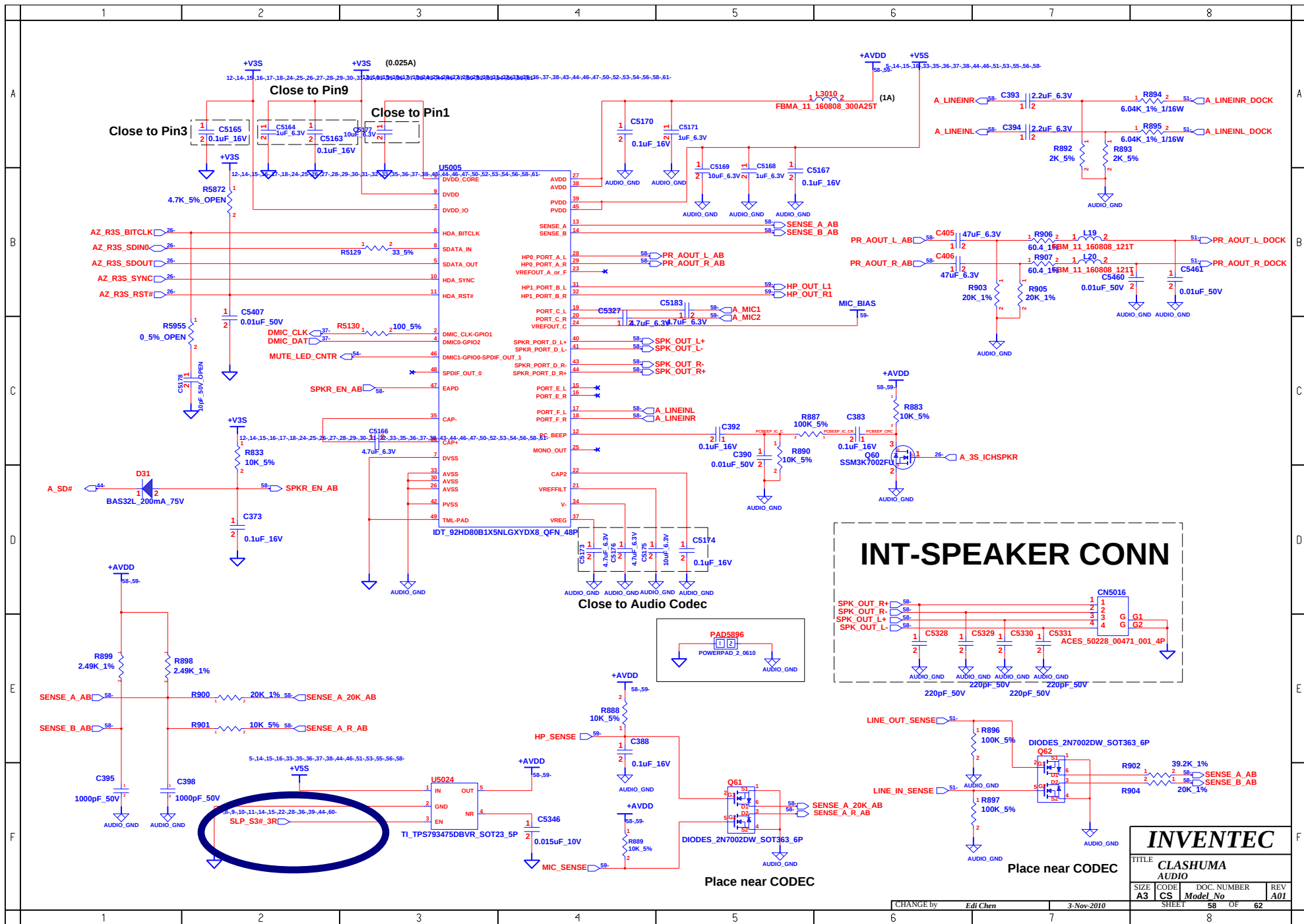
TITLE			
CLASHUMA			
USB3.0&EXPRESS CARD BTB CNTR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by *Edi Chen* 3-Nov-2010

SHEET 56 OF 62



INVENTEC			
TITLE CLASHUMA			
EXPRESS CARD/POINT STICK/TOUCH PAD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by		3-Nov-2010	
Edi Chen			
SHEET		57	OF 62
		7	8



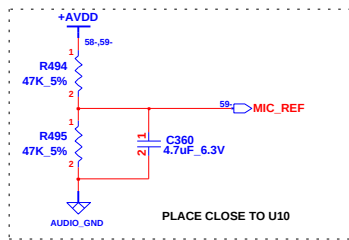
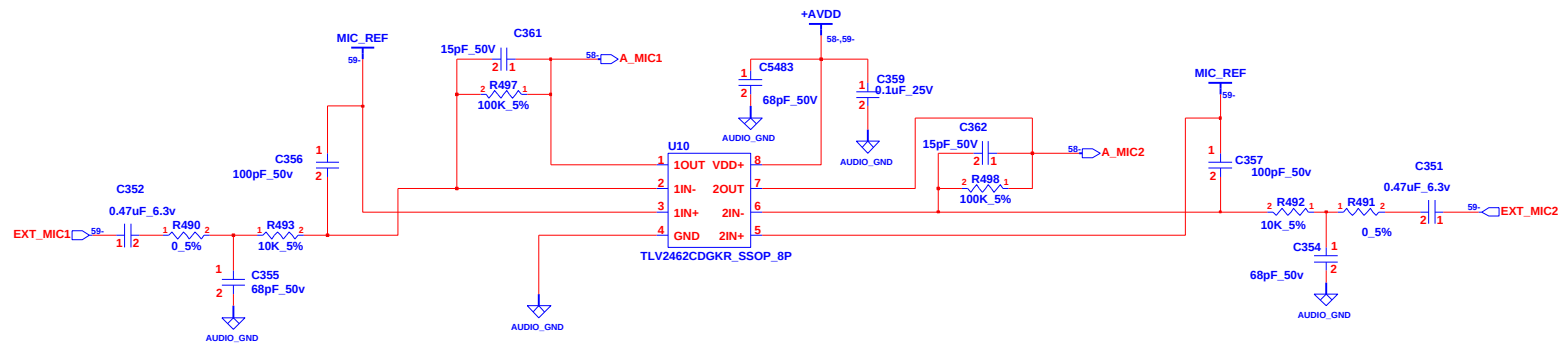
INVENTEC

TITLE: **CLASHUMA**
AUDIO

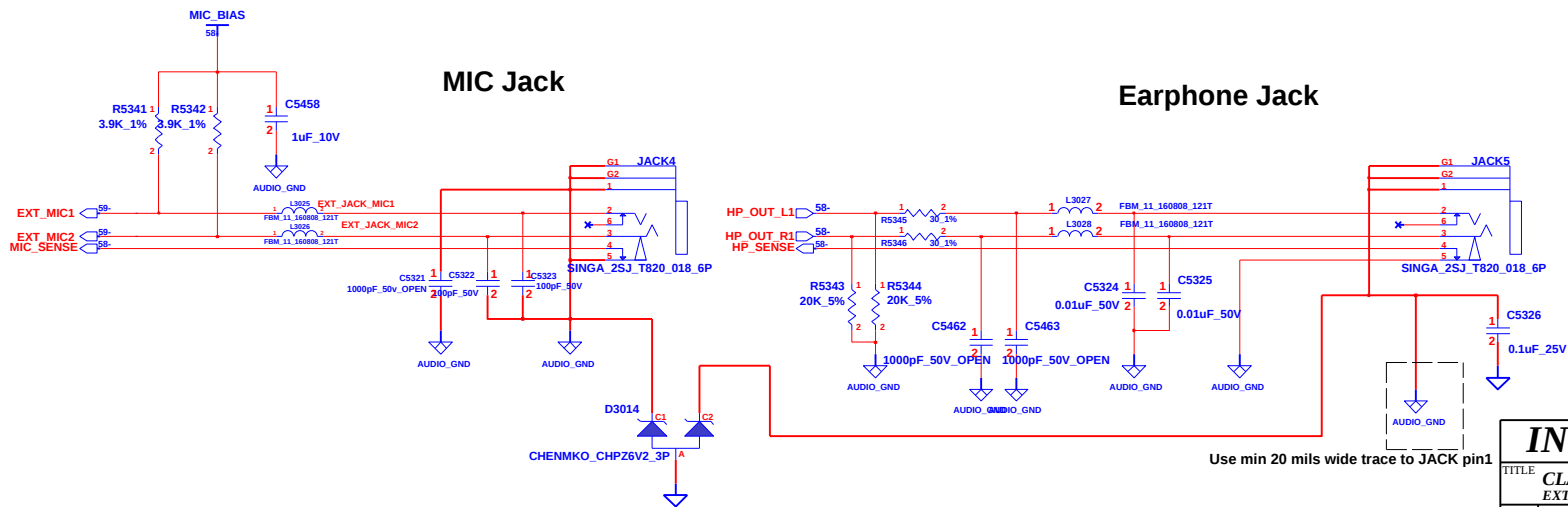
SIZE: **A3** CODE: **CS** DOC. NUMBER: **Model No** REV: **A01**

SHEET: **58** OF: **62**

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



EXT. MIC

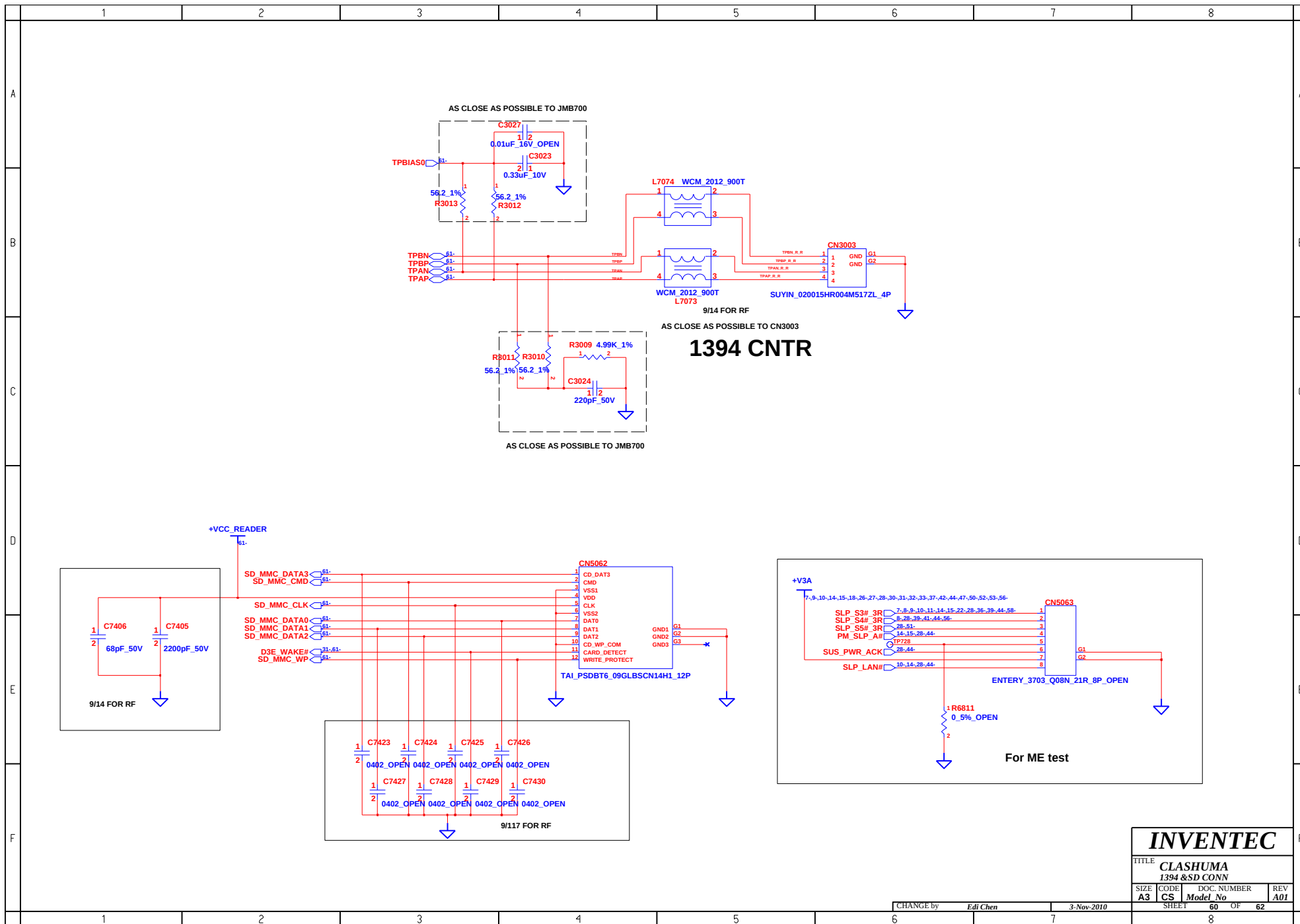


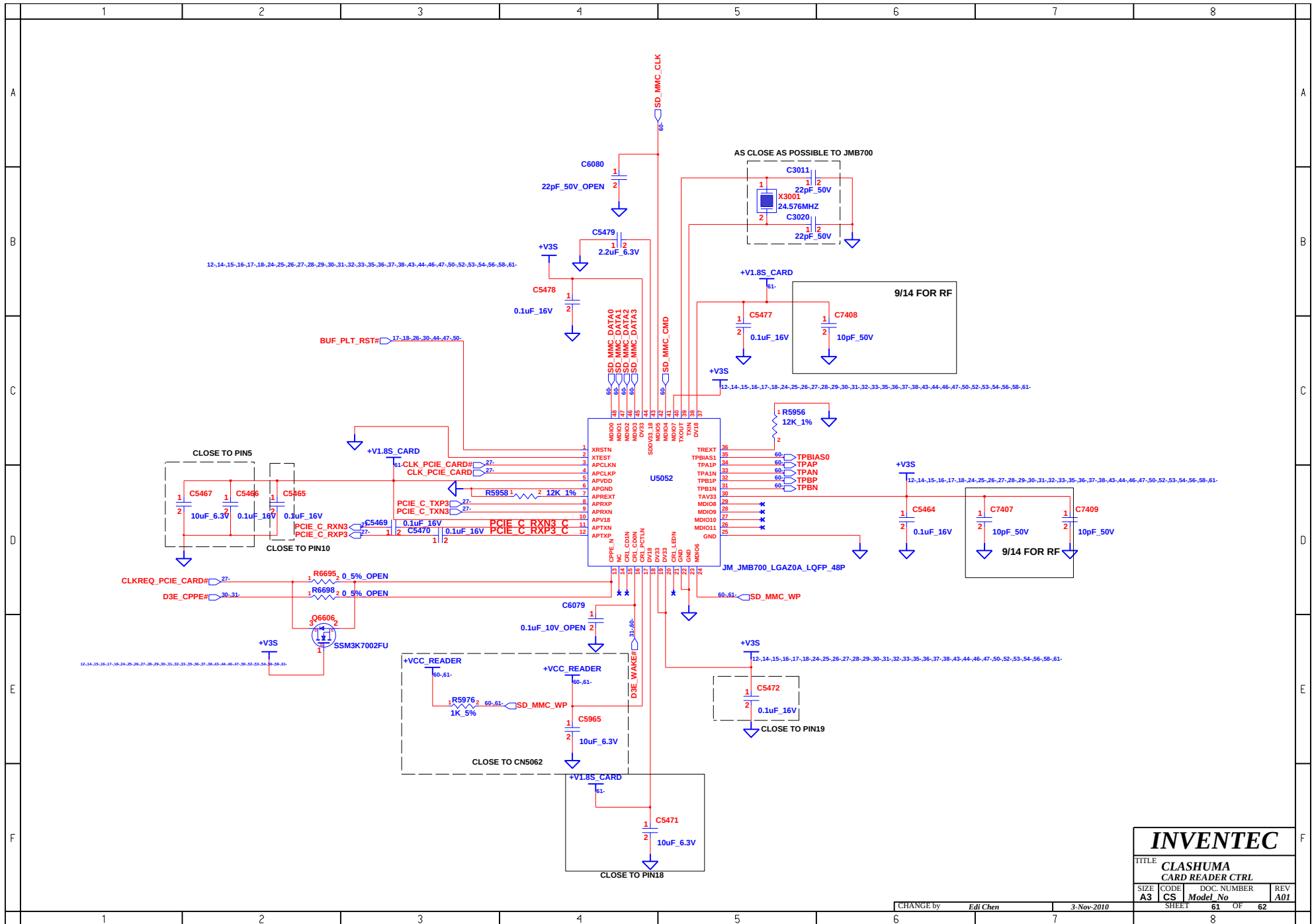
Use min 20 mils wide trace to JACK pin1

INVENTEC

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

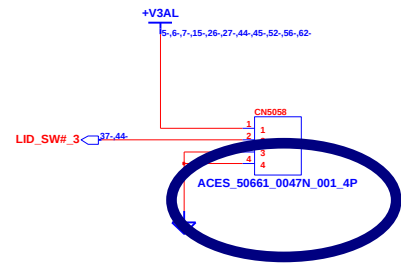
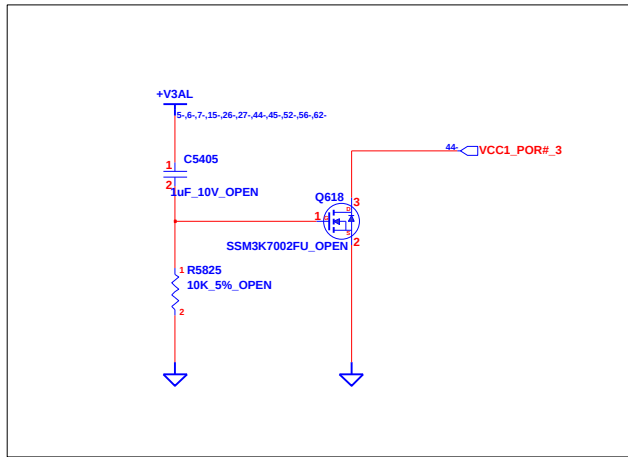
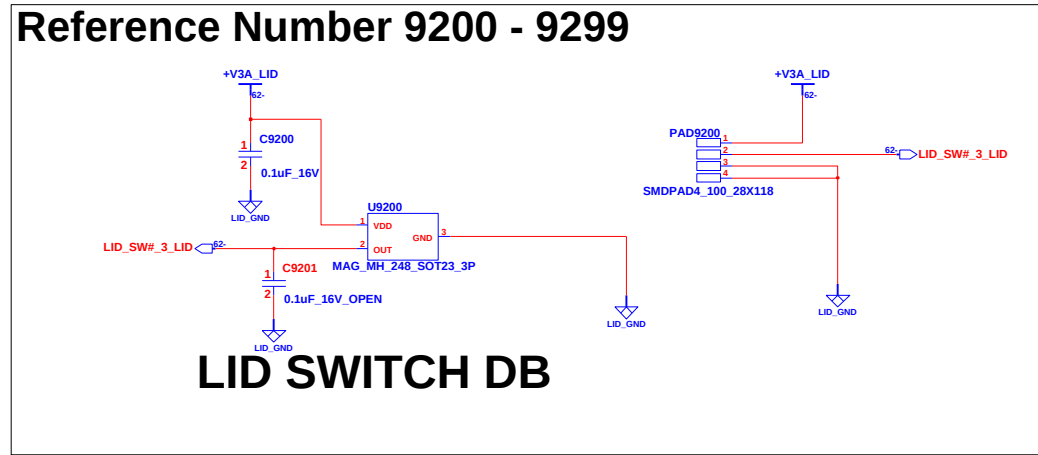
CHANGE by *Edi Chen* 3-Nov-2010





INVENTEC

TITLE CLASHUMA CARD READER CTRL			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET 61		OF 62	



INVENTEC			
TITLE CLASHUMA LID SWITCH			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Edi Chen		3-Nov-2010	
SHEET 62		OF 62	
1		8	