

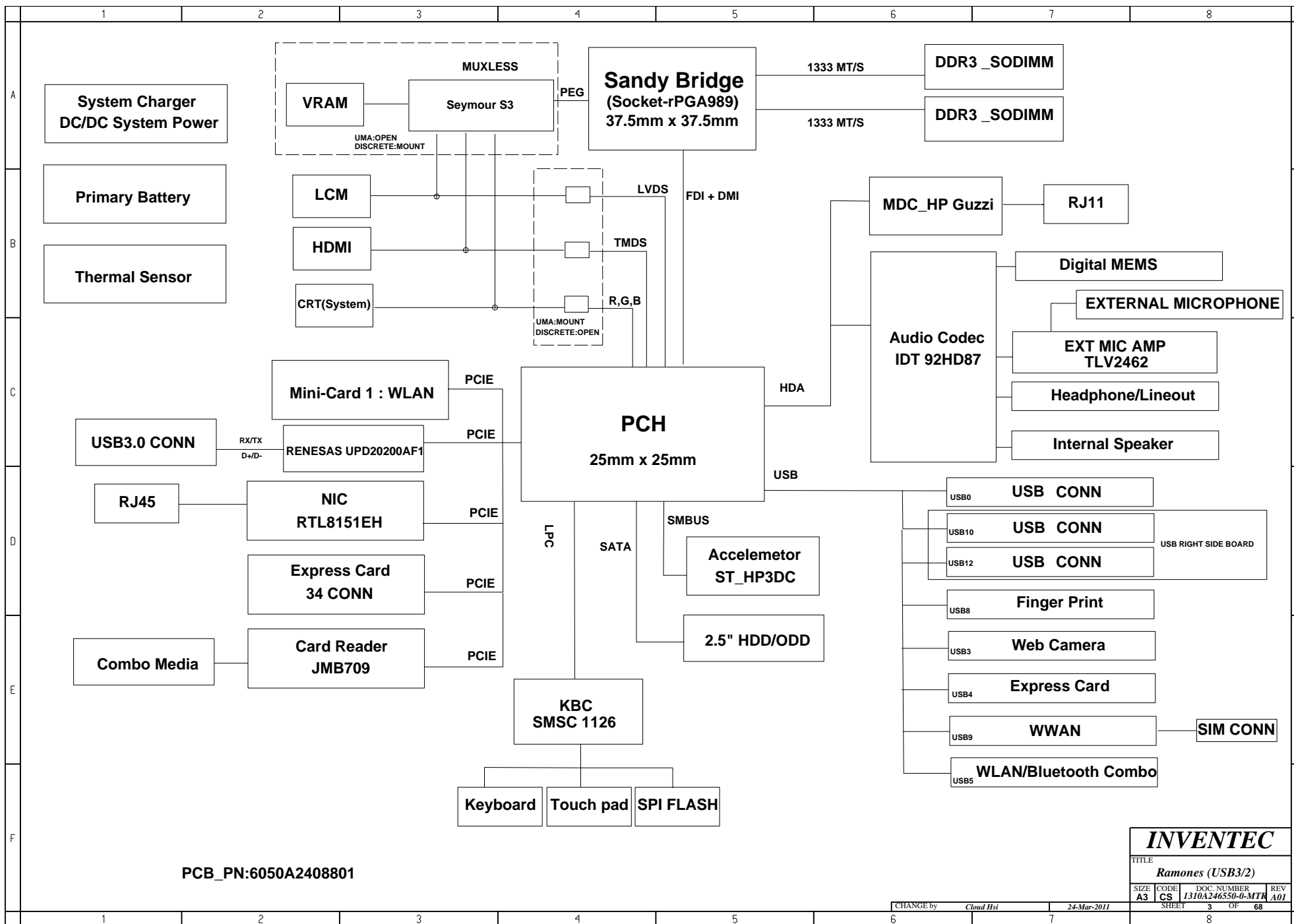
	1	2	3	4	5	6	7	8																																																																																	
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B	HSF Property : Halogen-Free																																																																																								
C	<div>RAMONES Dis/UMA MV</div>																																																																																								
D																																																																																									
E	<div>USB3.0/2.0 co-layout<div>2011.03.28</div></div>																																																																																								
F	<table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>DATE</td><td>CHANGE NO.</td><td>REV</td></tr></table>																						DATE	CHANGE NO.	REV	<table><tr><td></td><td>EE</td><td>DATE</td><td>POWER</td><td>DATE</td></tr><tr><td>DRAWER</td><td></td><td></td><td></td><td></td></tr><tr><td>DESIGN</td><td></td><td></td><td></td><td></td></tr><tr><td>CHECK</td><td></td><td></td><td></td><td></td></tr><tr><td>RESPONSIBLE</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="2">SIZE = 3</td><td colspan="3">VER :</td></tr><tr><td colspan="5">FILE NAME : XXXX-XXXXXX-XX</td></tr><tr><td>P/N</td><td colspan="4">XXXXXXXXXXXX</td></tr></table>						EE	DATE	POWER	DATE	DRAWER					DESIGN					CHECK					RESPONSIBLE					SIZE = 3		VER :			FILE NAME : XXXX-XXXXXX-XX					P/N	XXXXXXXXXXXX				<table><tr><td colspan="4">INVENTEC</td></tr><tr><td colspan="4">TITLE RAMONES(USB3/2)</td></tr><tr><td>SIZE A3</td><td>CODE CS</td><td>DOC. NUMBER I310A246550-0-MTR</td><td>REV A01</td></tr><tr><td colspan="2">SHEET 1</td><td colspan="2">OF 68</td></tr></table>			INVENTEC				TITLE RAMONES(USB3/2)				SIZE A3	CODE CS	DOC. NUMBER I310A246550-0-MTR	REV A01	SHEET 1		OF 68	
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SHEET 1		OF 68																																																																																							
	1	2	3	4	5	6	7	8																																																																																	

TABLE OF CONTENTS

1- Cover Page		
2- TABLE OF CONTENTS		
3- BLOCK DIGARAM		
4- POWER MAP	34- PCH3	64- USB RIGHT SIDE BOARD
5- DC& BATTERY CHARGER	35- PCH4	65-ODD BOARD
6- BATTERY CONN	36- PCH5	66- QUICK LAUCH&WLAN BOARD
7- SYSTEM POWER(3V/5V)	37- PCH6	67- PICK BUTTON DB BOARD
8- SYSTEM POWER(+V1.5/+V0.75S)	38- PCH7-POWER	68- LID SWITCH BOARD
9- GRAPHIC POWER(+VDD_CORE/+VPCIE/+V1.8S)	39- PCH8-POWER	
10- SYSTEM POWER(+VCCP)	40- PCH9	
11- CPU POWER(+VCCSA)	41- CRT	
12- CPU POWER IC	42- HDMI CONN	
13- CPU POWER(+VCC_CORE/+VGFX)	43- LCM & WEBCAM	
14- POWER(SLEEP)	44- SATA & ODD CNTR	
15- POWER(SEQUENCE)	45- USB2.0 CNTR	
16- FAN & THERMAL	46- USB3.0_CONTROLLER	
17- XDP CONN	47- USB3.0	
18- SANDY BRIDGE1	48- FINGER PRINTER	
19- SANDY BRIDGE2	49- ACCELEMETOR	
20- SANDY BRIDGE3	50- KBC & SPI	
21- SANDY BRIDGE4	51- KB & TOUCH PAD	
22- SANDY BRIDGE5	52- MDC	
23- SANDY BRIDGE6	53- LAN INTERFACE	
24- DDR3-DIMM0	54- LAN RJ45 CNTR	
25- DDR3-DIMM1	55- WWAN & WLAN & SIM	
26- Seymour-S3-1	56- EXPRESS CARD	
27- Seymour-S3-1	57- AUDIO CODEC	
28- Seymour-S3-1	58-POWER BUTTON CONNECTOR	
29- Seymour-S3-1	59-SCREW	
30- VRAM1	60- STITCHING CAPS	
31- VRAM2	61-CARD Reader & Audio Jack BOARD 1	
32- PCH1	62- CARD Reader & Audio Jack BOARD 2	
33- PCH2	63- POWER BUTTON BOARD	

INVENTEC			
TITLE			
Ramones (USB3/2)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01
SHEET		2	OF 68

CHANGE by Cloud Hsi 24-Mar-2011



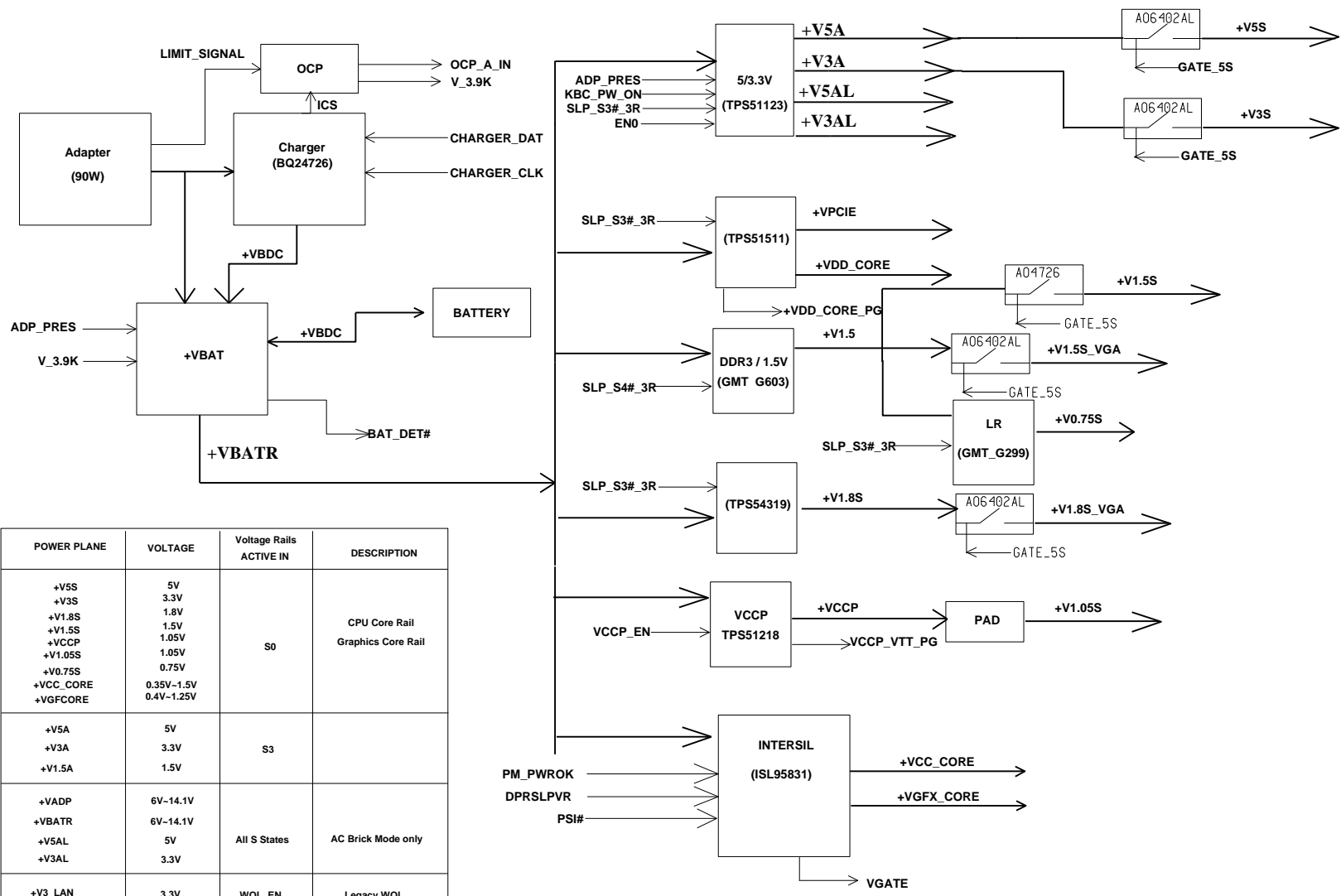
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TITLE
Ramones (USB3/2)

SIZE CODE DOC. NUMBER REV
A3 CS 1310A246550-0-MTA A01

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SHEET 3 OF 68



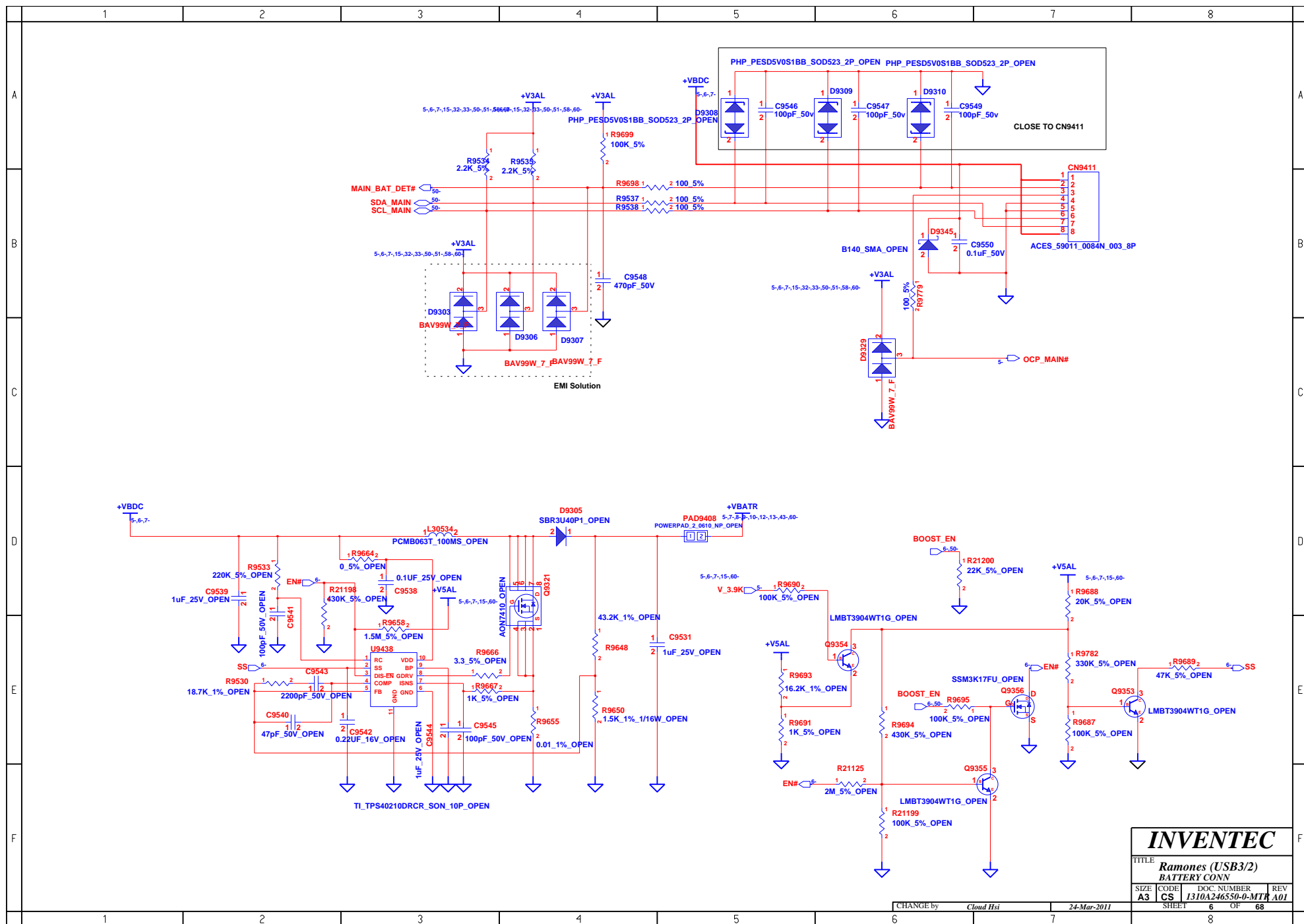
POWER PLANE	VOLTAGE	Voltage Rails ACTIVE IN	DESCRIPTION
+V5S +V3S +V1.8S +V1.5S +VCCP +V1.05S +V0.75S +VCC_CORE +VGFCORE	5V 3.3V 1.8V 1.5V 1.05V 1.05V 0.75V 0.35V~1.5V 0.4V~1.25V	S0	CPU Core Rail Graphics Core Rail
+V5A +V3A +V1.5A	5V 3.3V 1.5V	S3	
+VADP +VBATR +V5AL +V3AL	6V~14.1V 6V~14.1V 5V 3.3V	All S States	AC Brick Mode only
+V3_LAN	3.3V	WOL_EN	Legacy WOL
RTC	3.3V	G3 , Sx	Power by Li Coin Cell in G3 and +V3AL in Sx

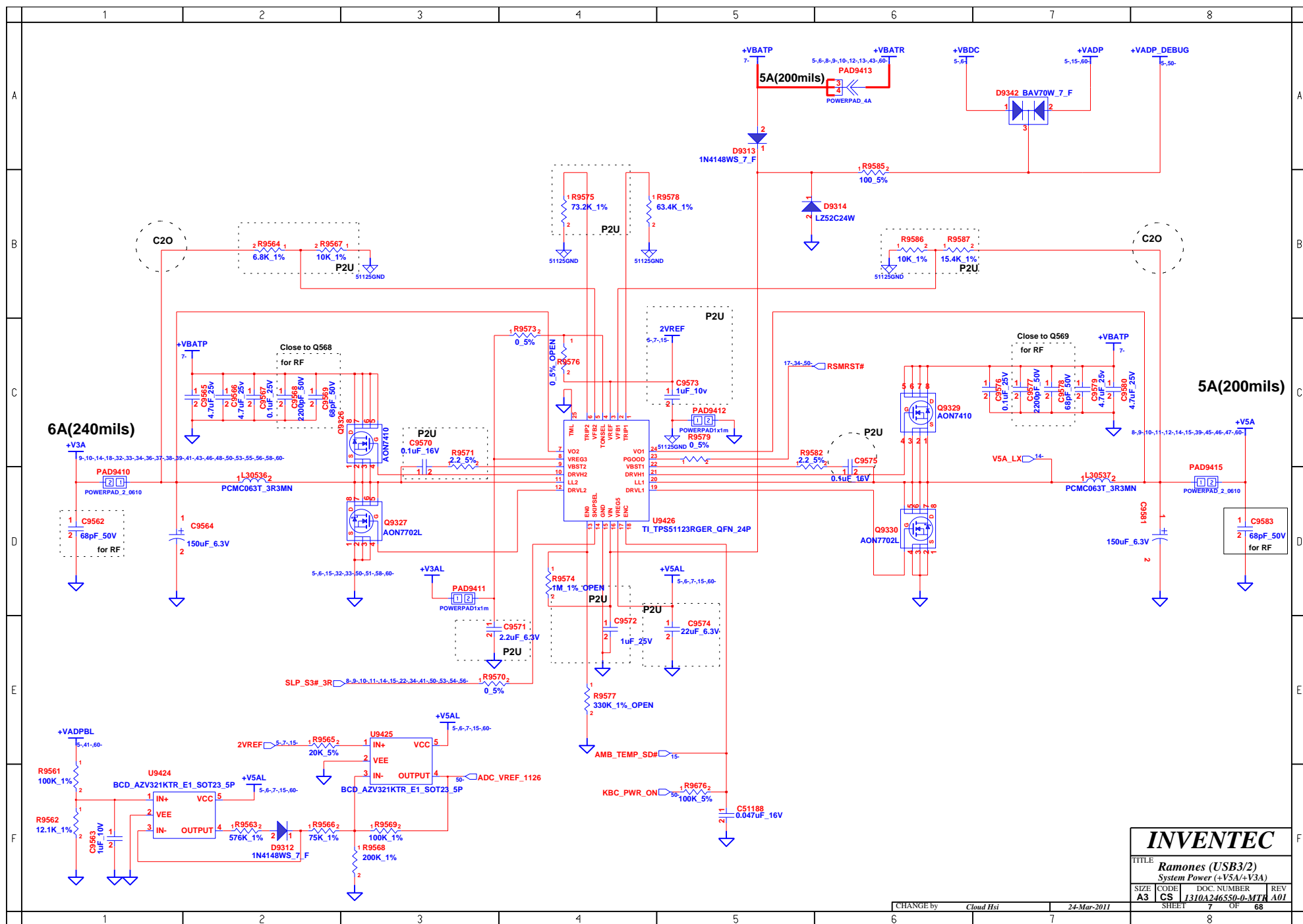
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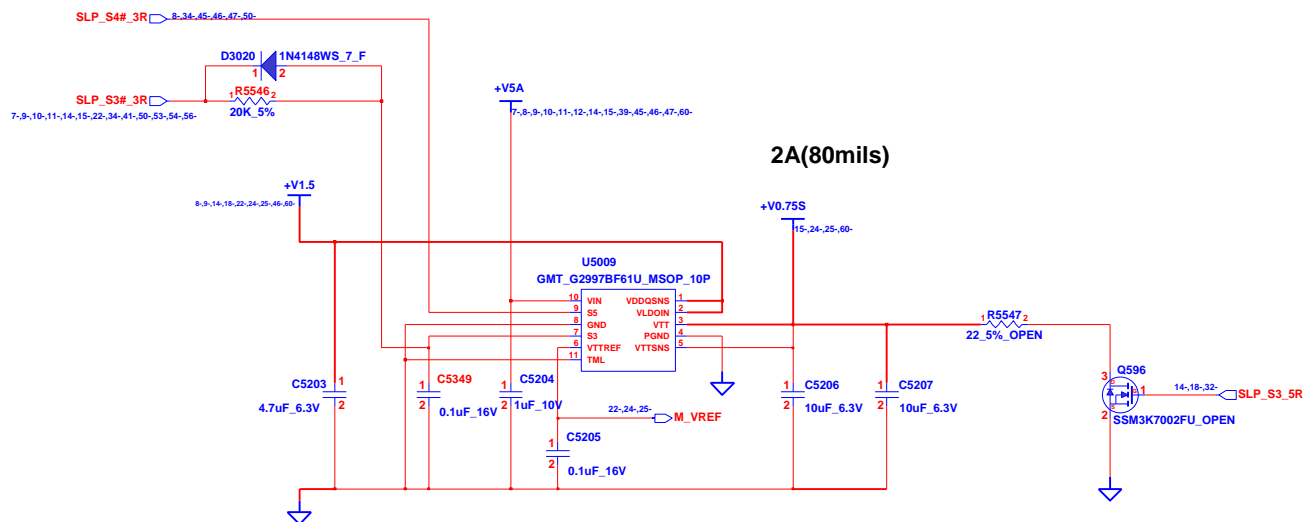
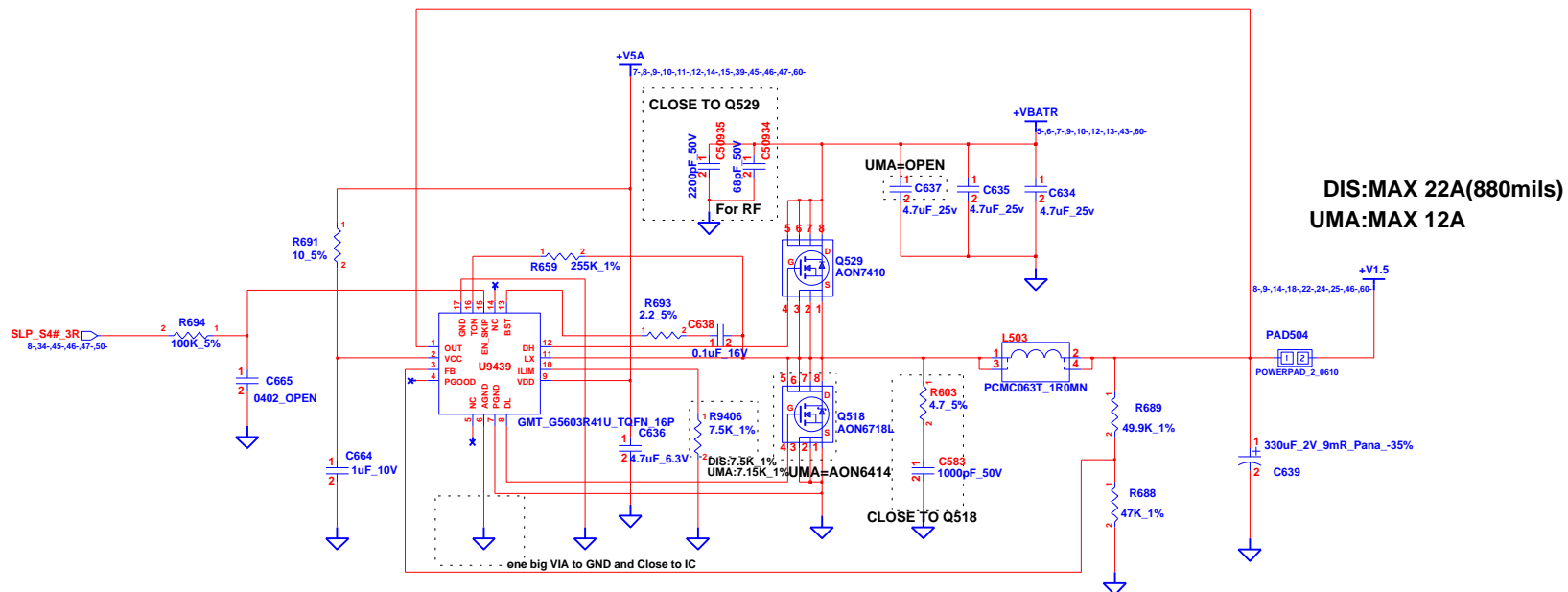
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Ramones (USB3/2)

SIZE A3	CODE CS	DOC. NUMBER 1310A246550-0-MTA	REV A01
SHEET 4		OF 68	

CHANGE by Cloud Hsi 24-Mar-2011







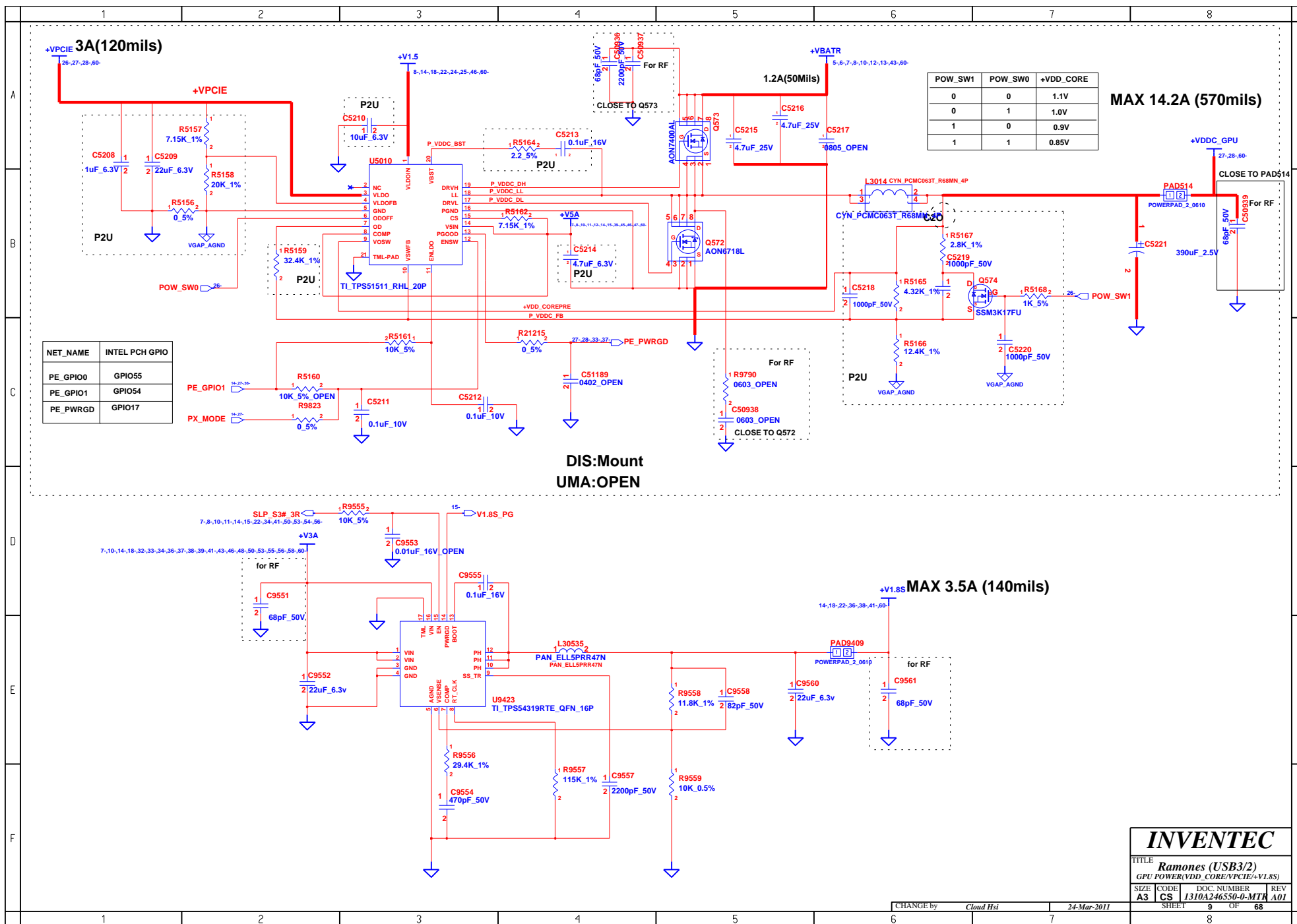
NOTE: DDR3 REGULATOR

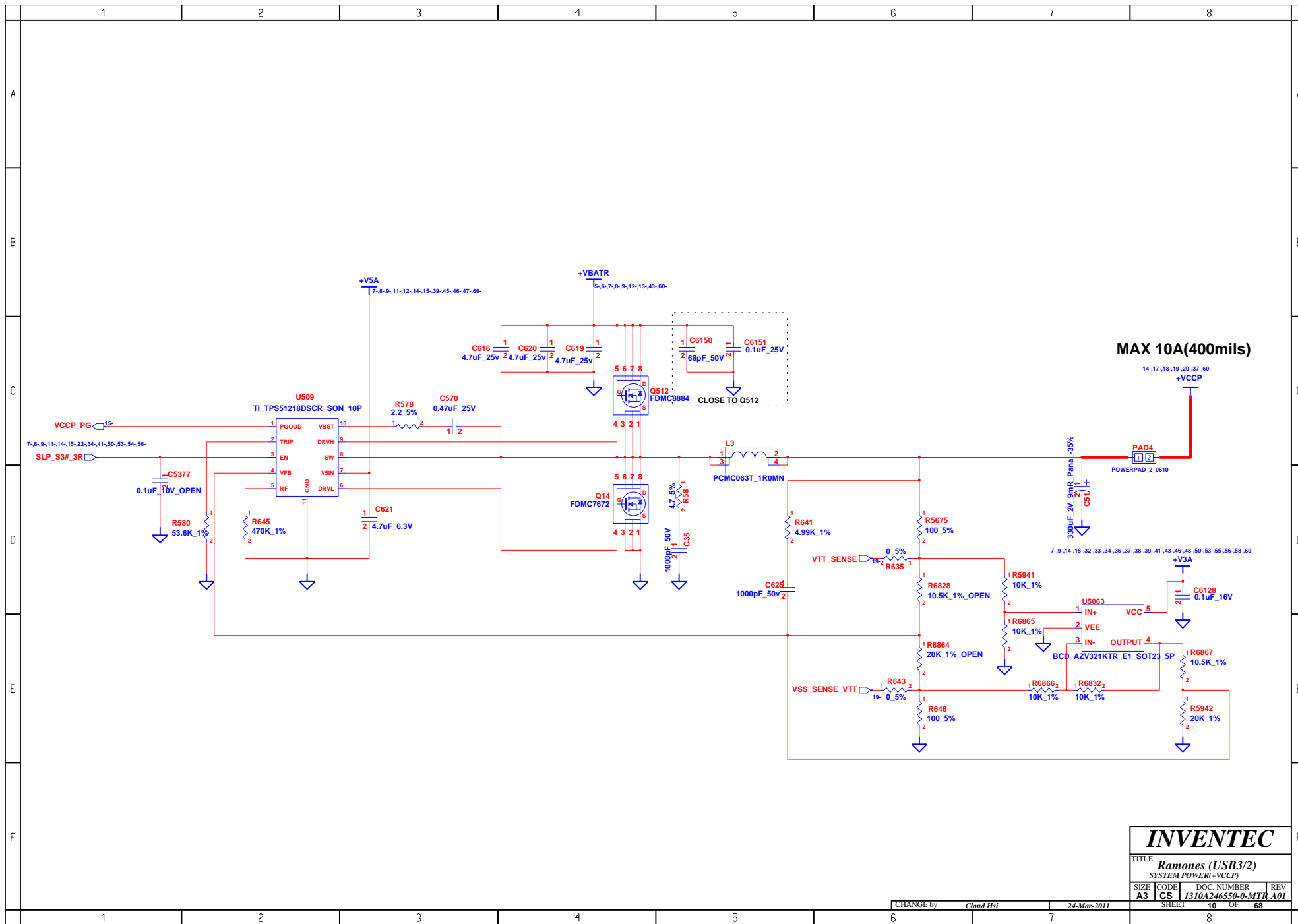
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TITLE			
Ramones (USB3/2)			
SYSTEM POWER(+V1.5/+V0.75S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01

CHANGE by Cloud Hsi 24-Mar-2011

SHEET 8 OF 68

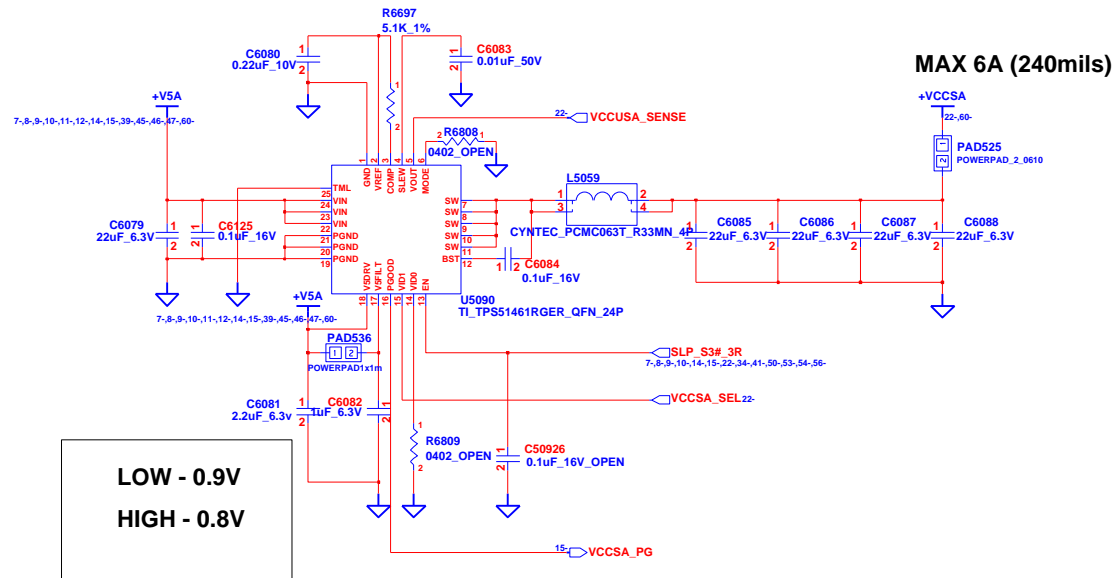




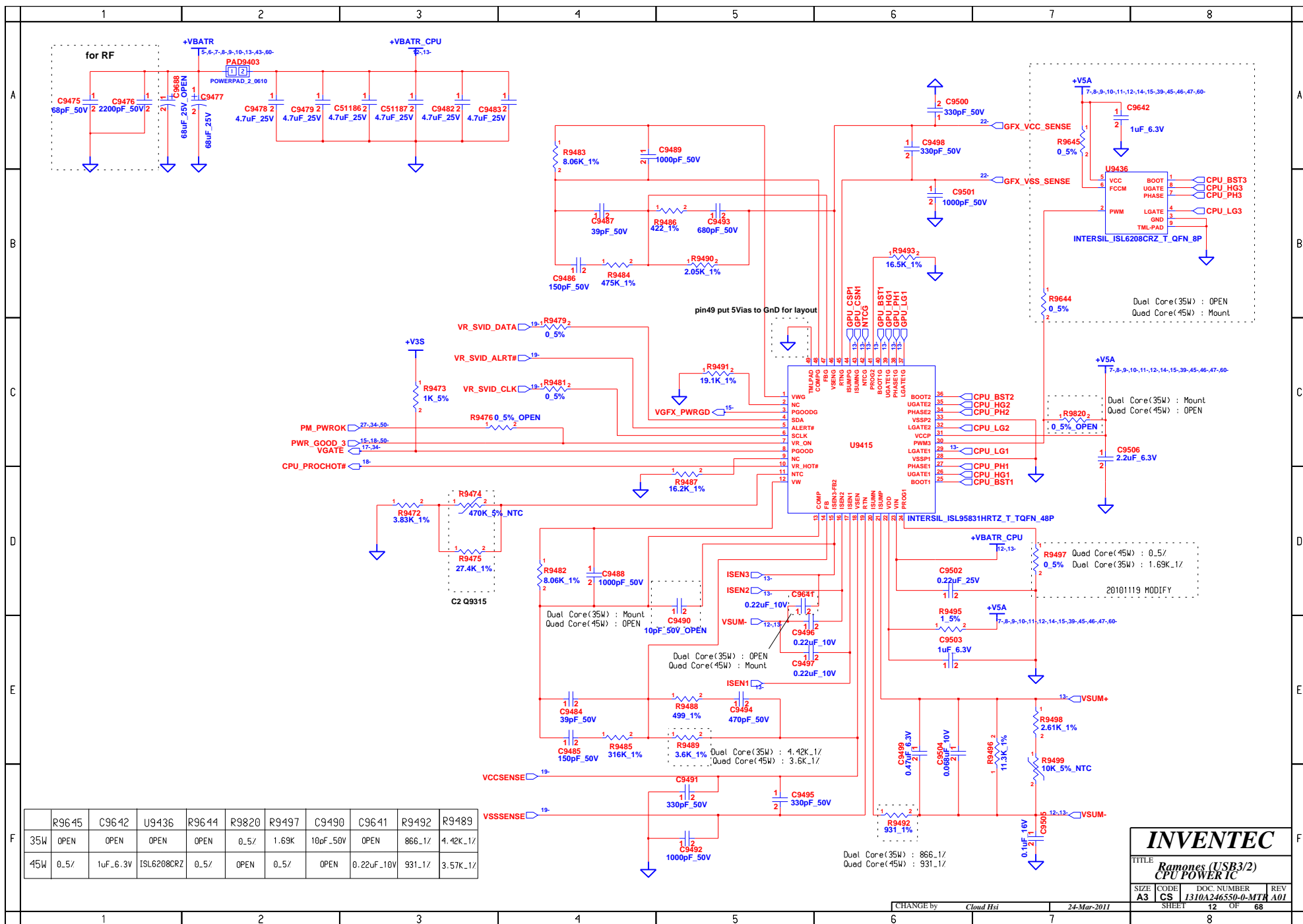
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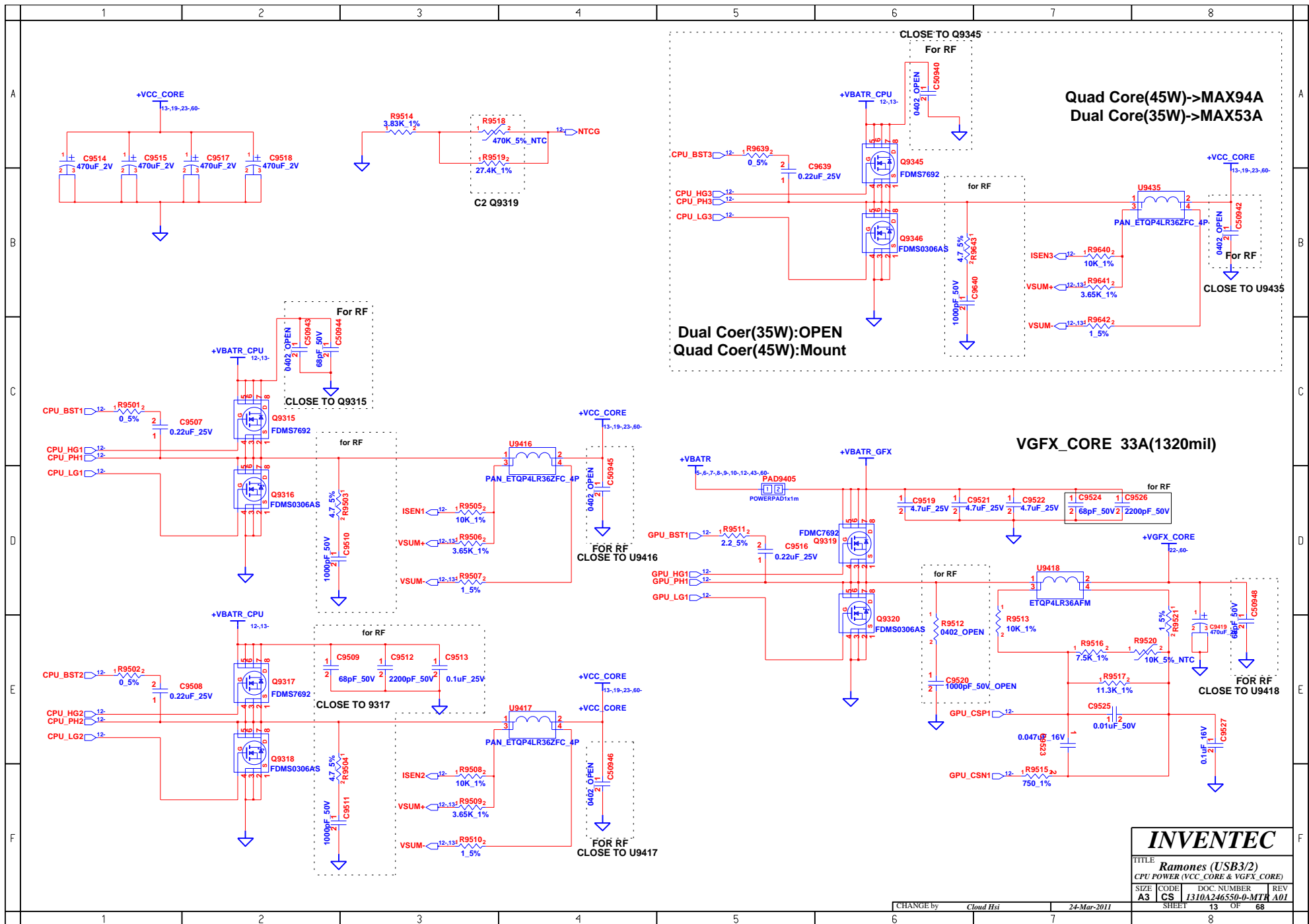
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Ramones (USB3/2)			
SYSTEM POWER(+VCCP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01
SHEET		10	OF 68

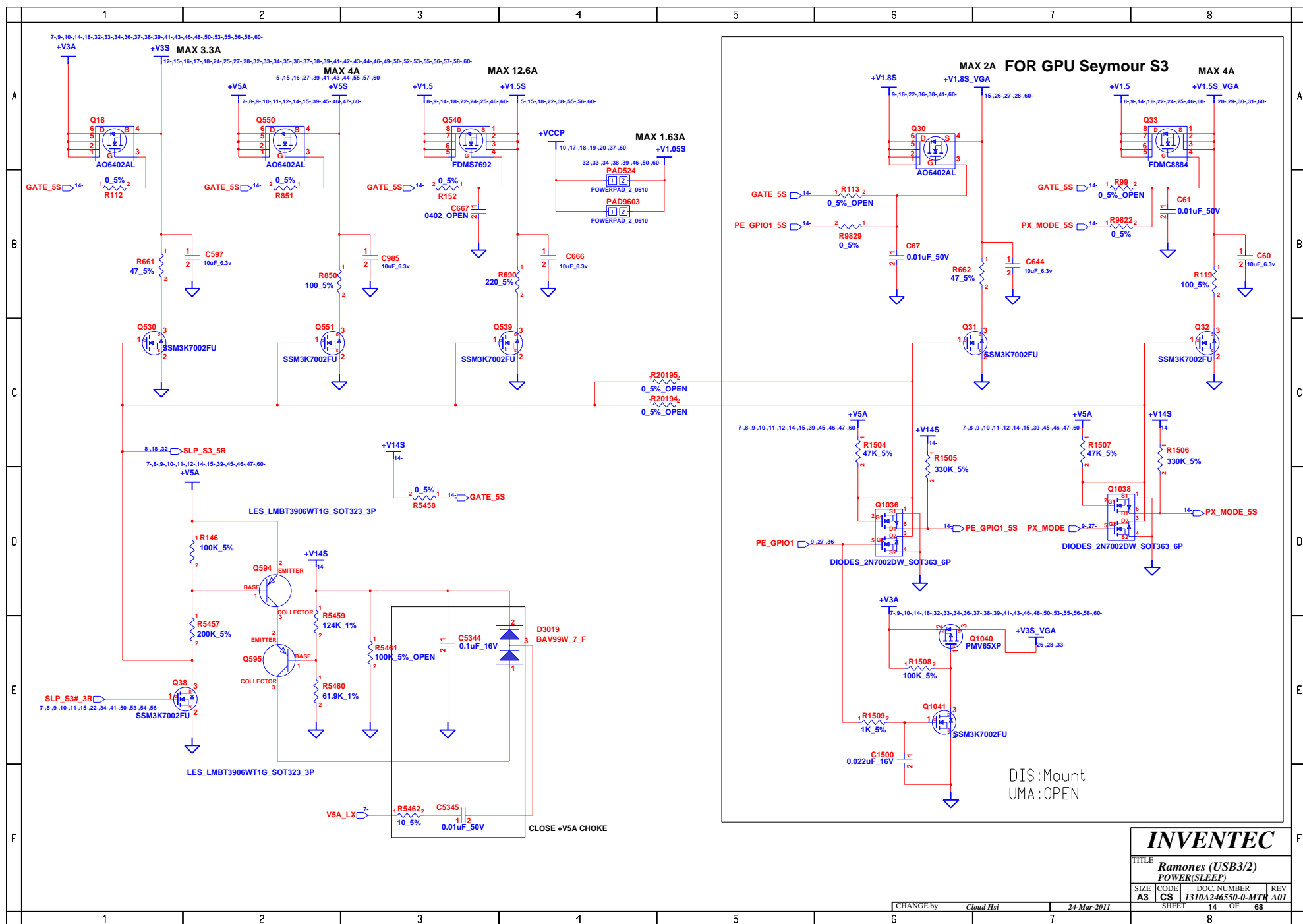
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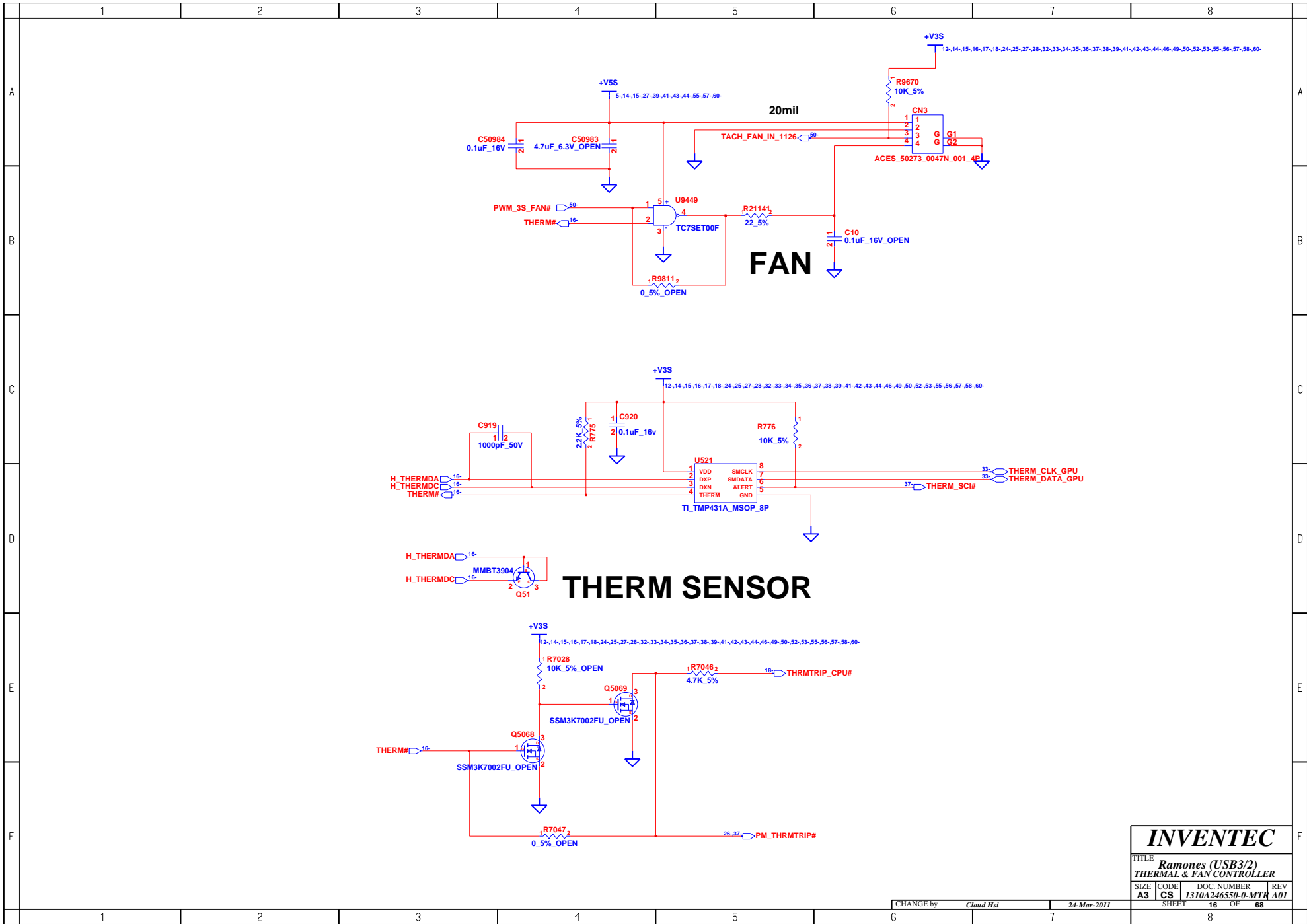


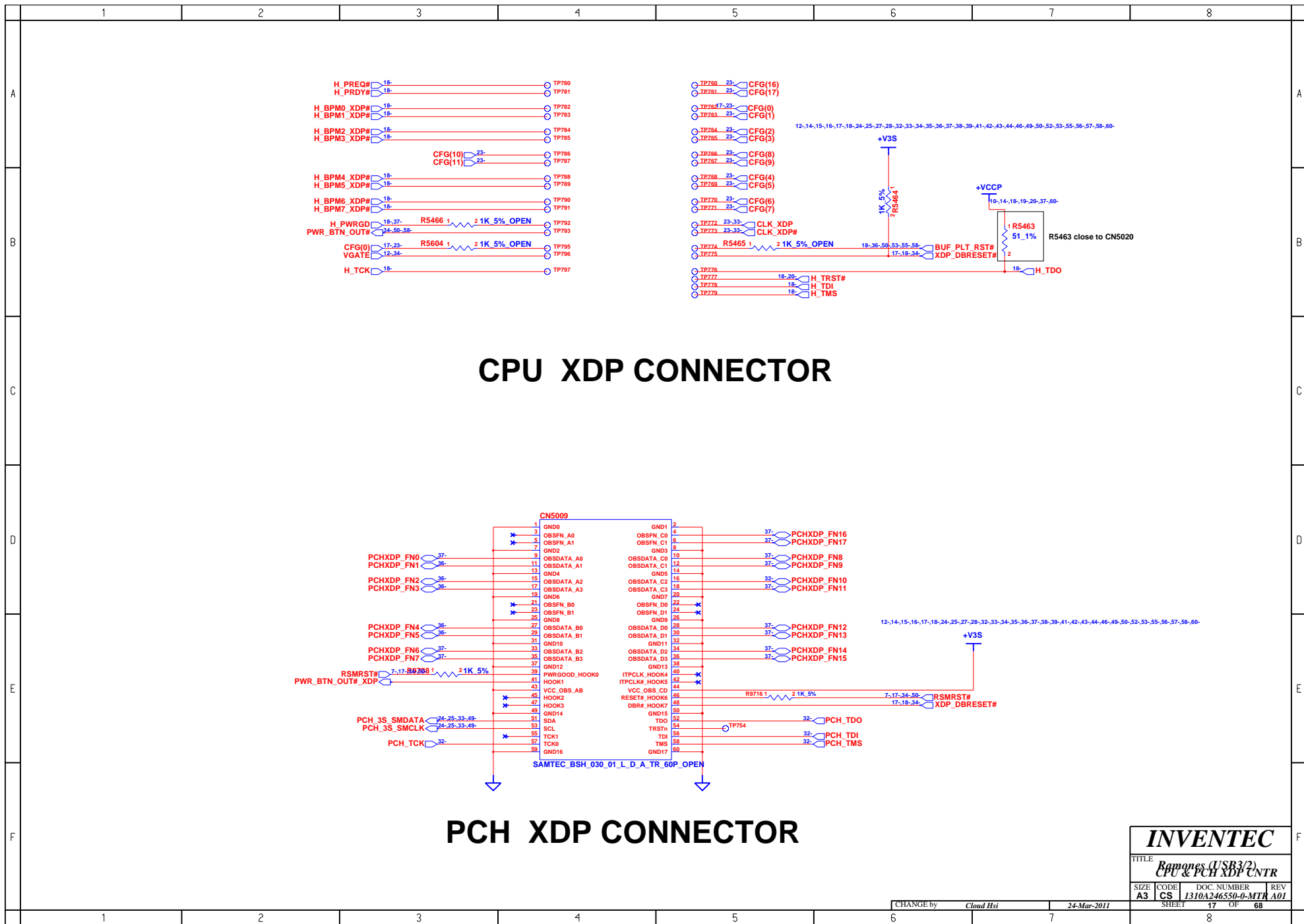
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TITLE			
Ramones (USB3/2) CPU POWER(+VCCSA)			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by		Cloud Hsi	24-Mar-2011
SHEET		11	OF 68

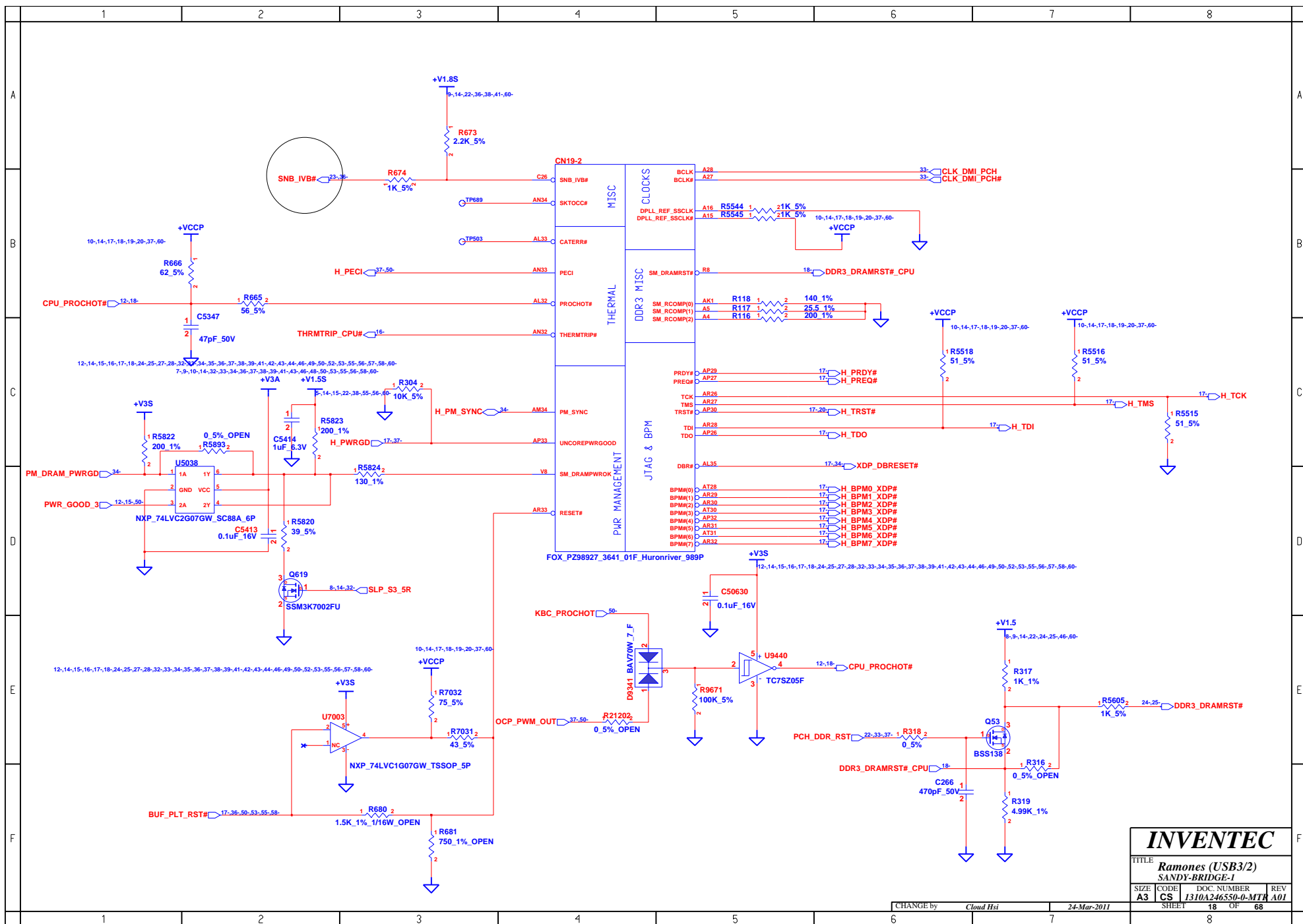


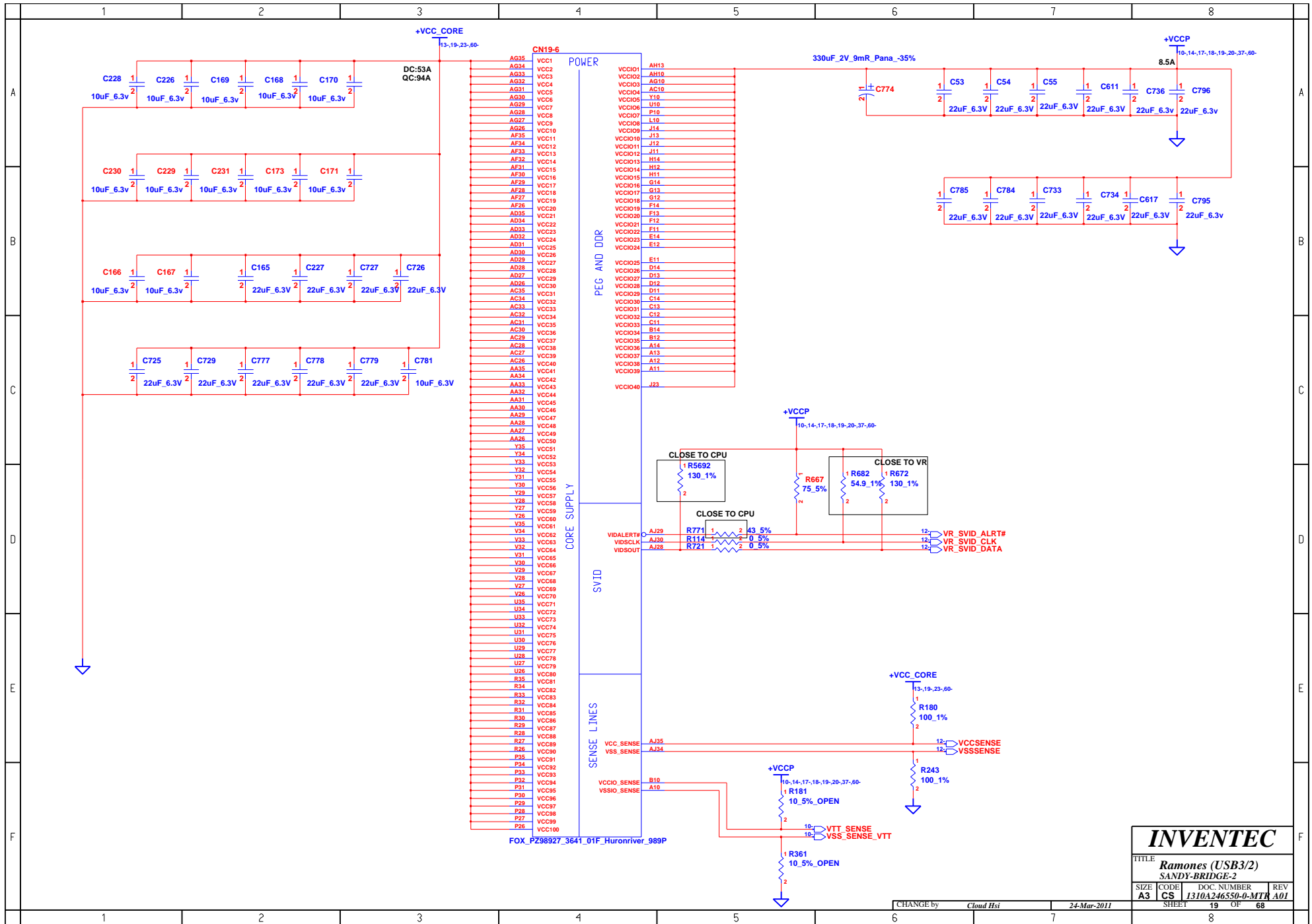






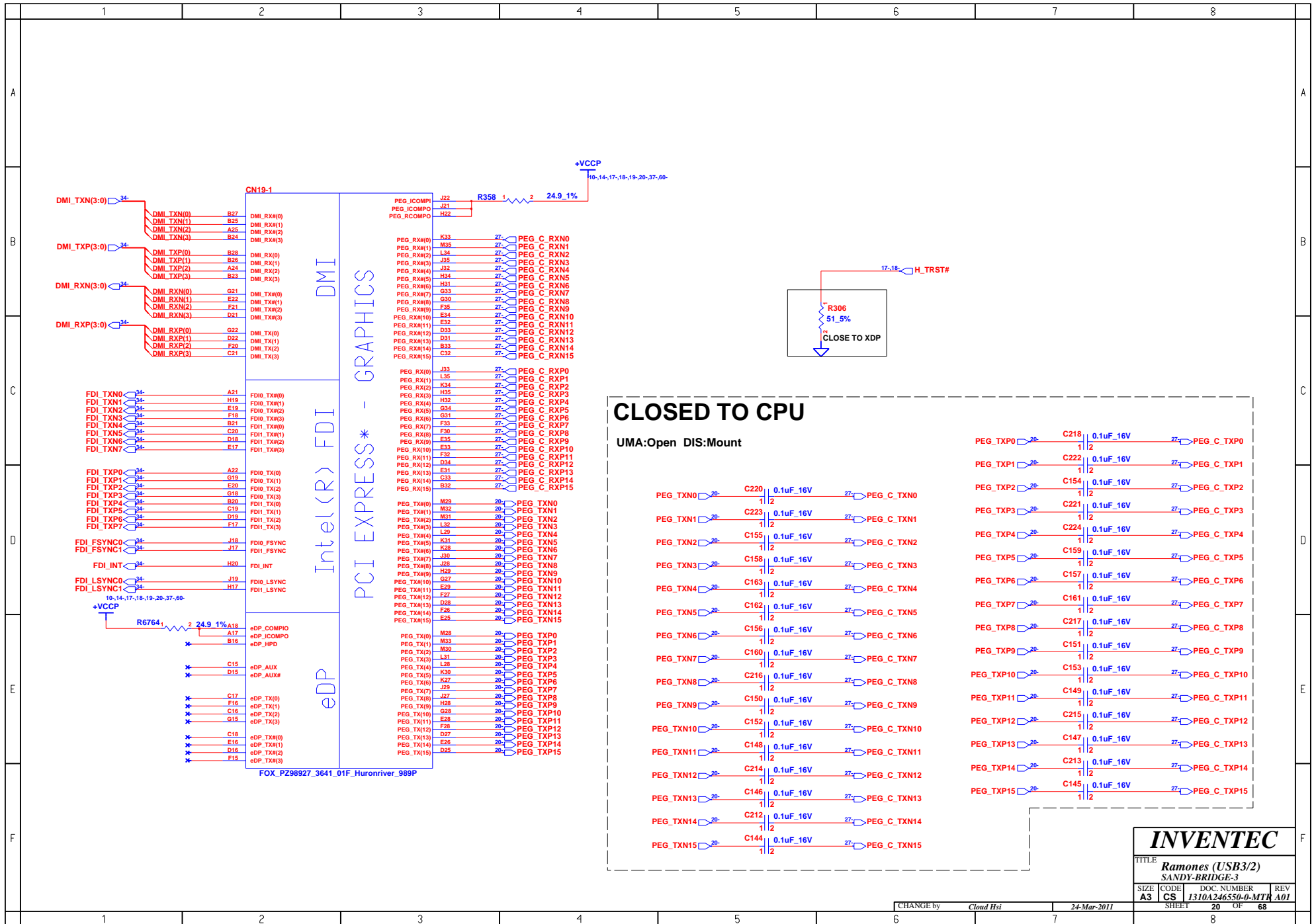


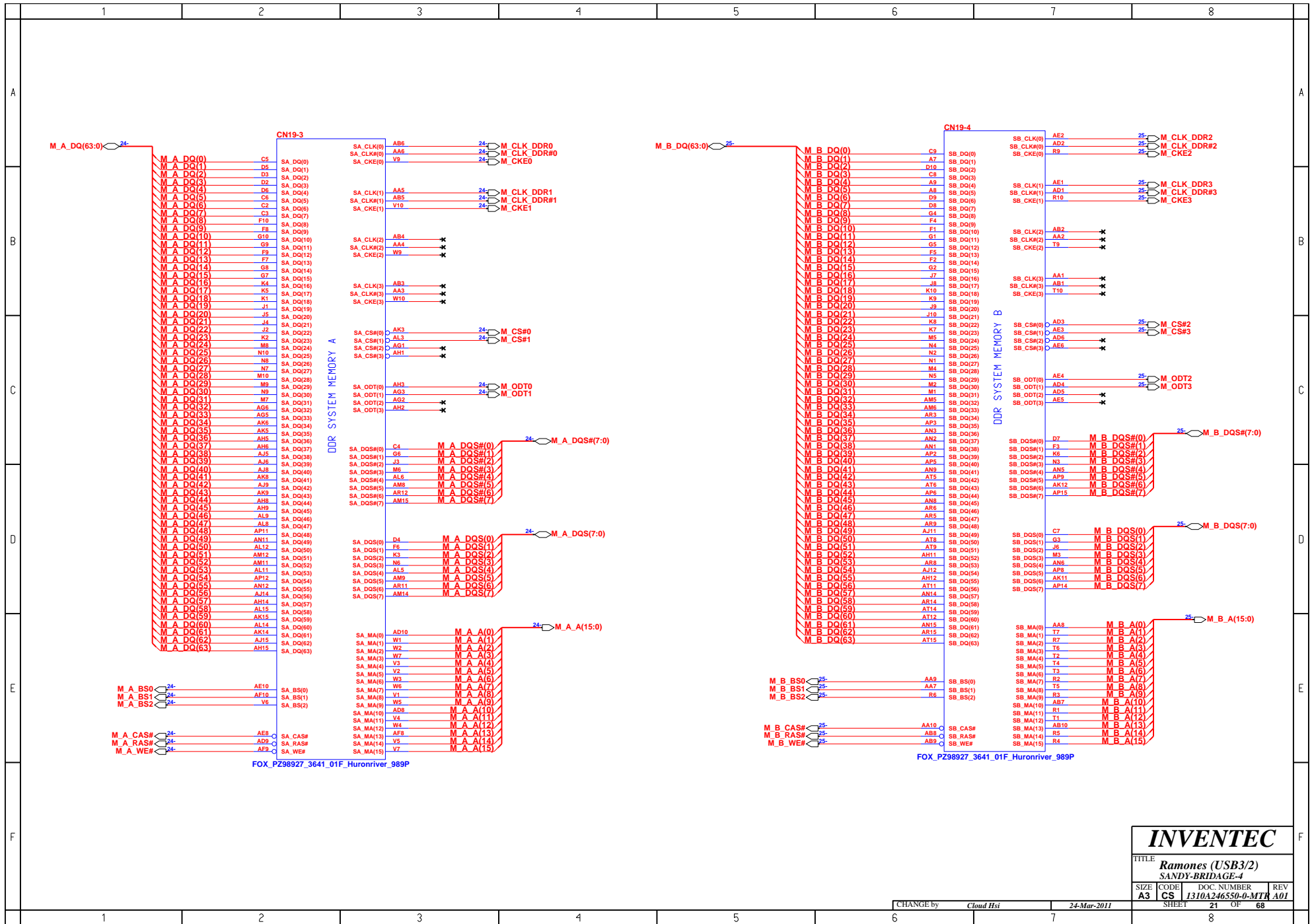


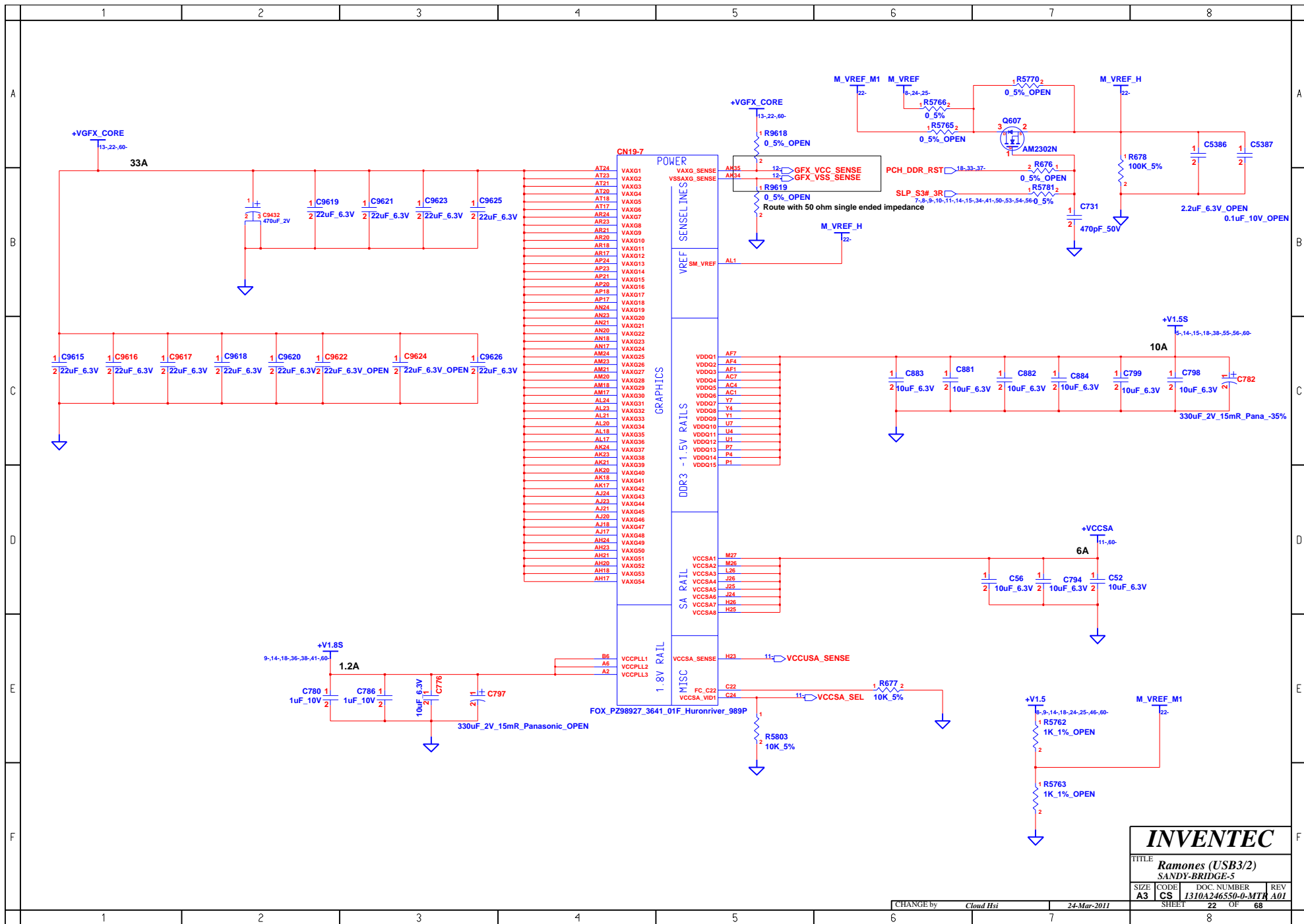


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Ramones (USB3/2)			
SANDY-BRIDGE-2			
SIZE	CODE	DOC NUMBER	REV
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SHEET		19	OF 68







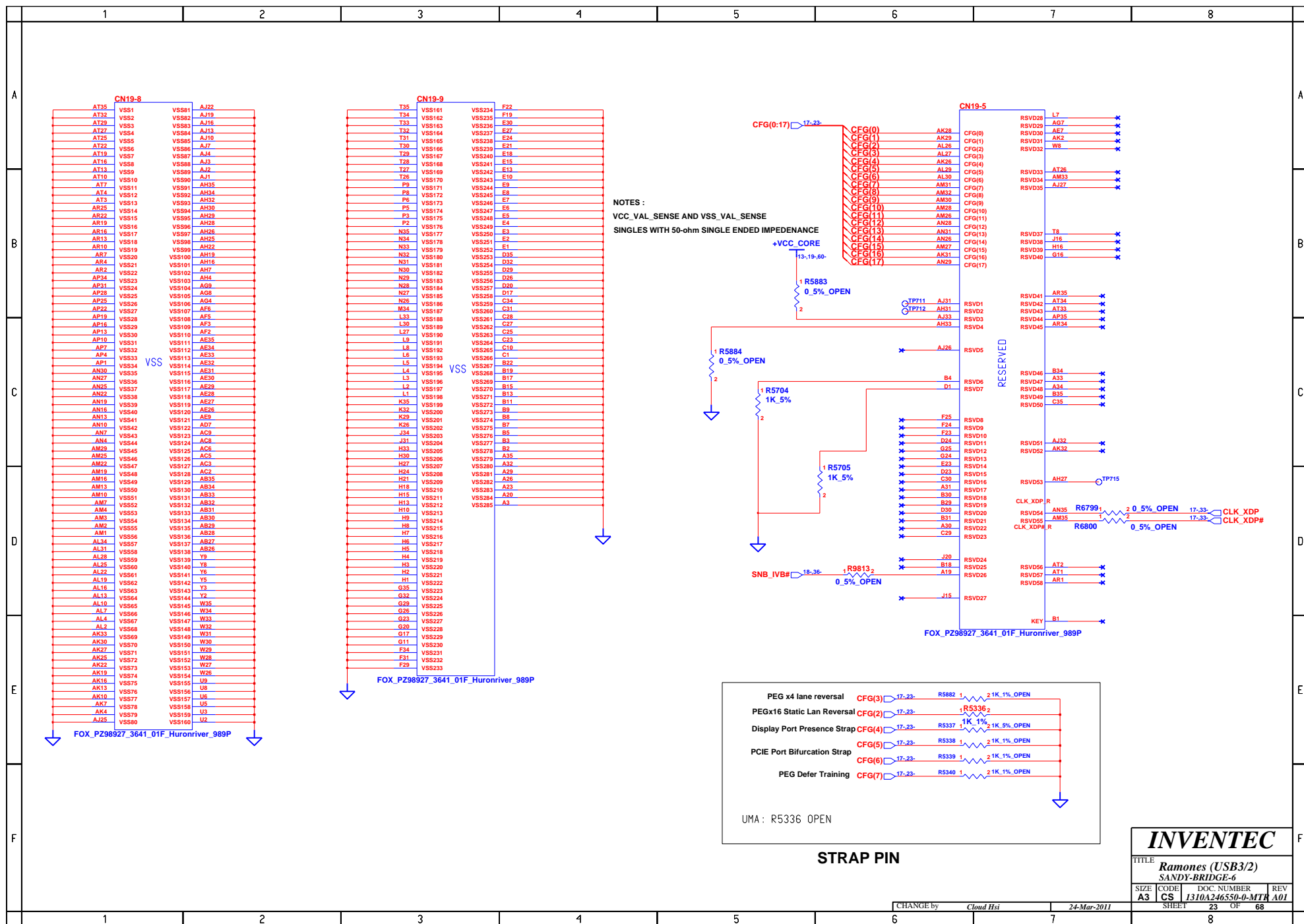
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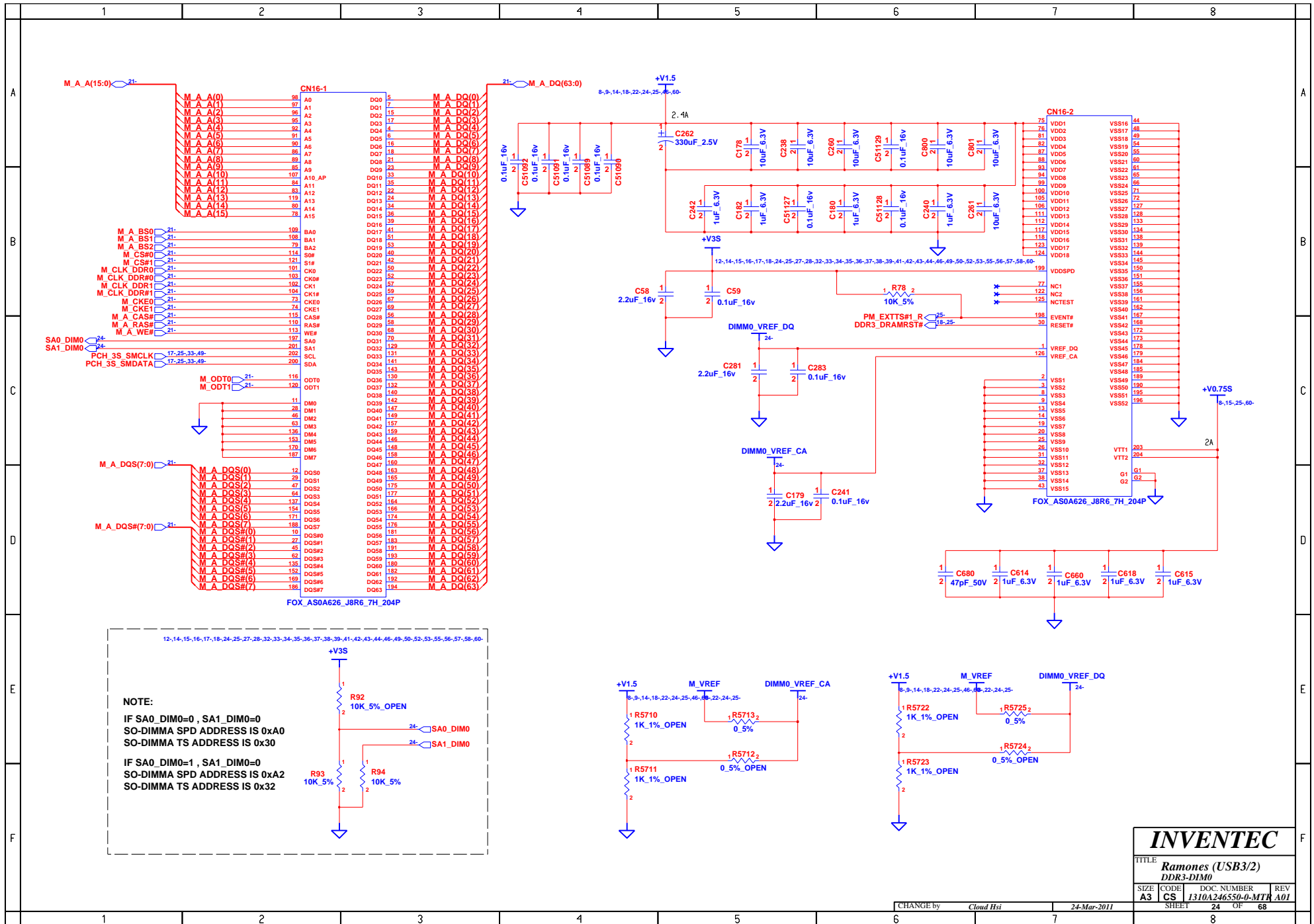
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Ramones (USB3/2)
SANDY-BRIDGE-5

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01

CHANGE by Cloud Hsi 24-Mar-2011

SHEET 22 OF 68

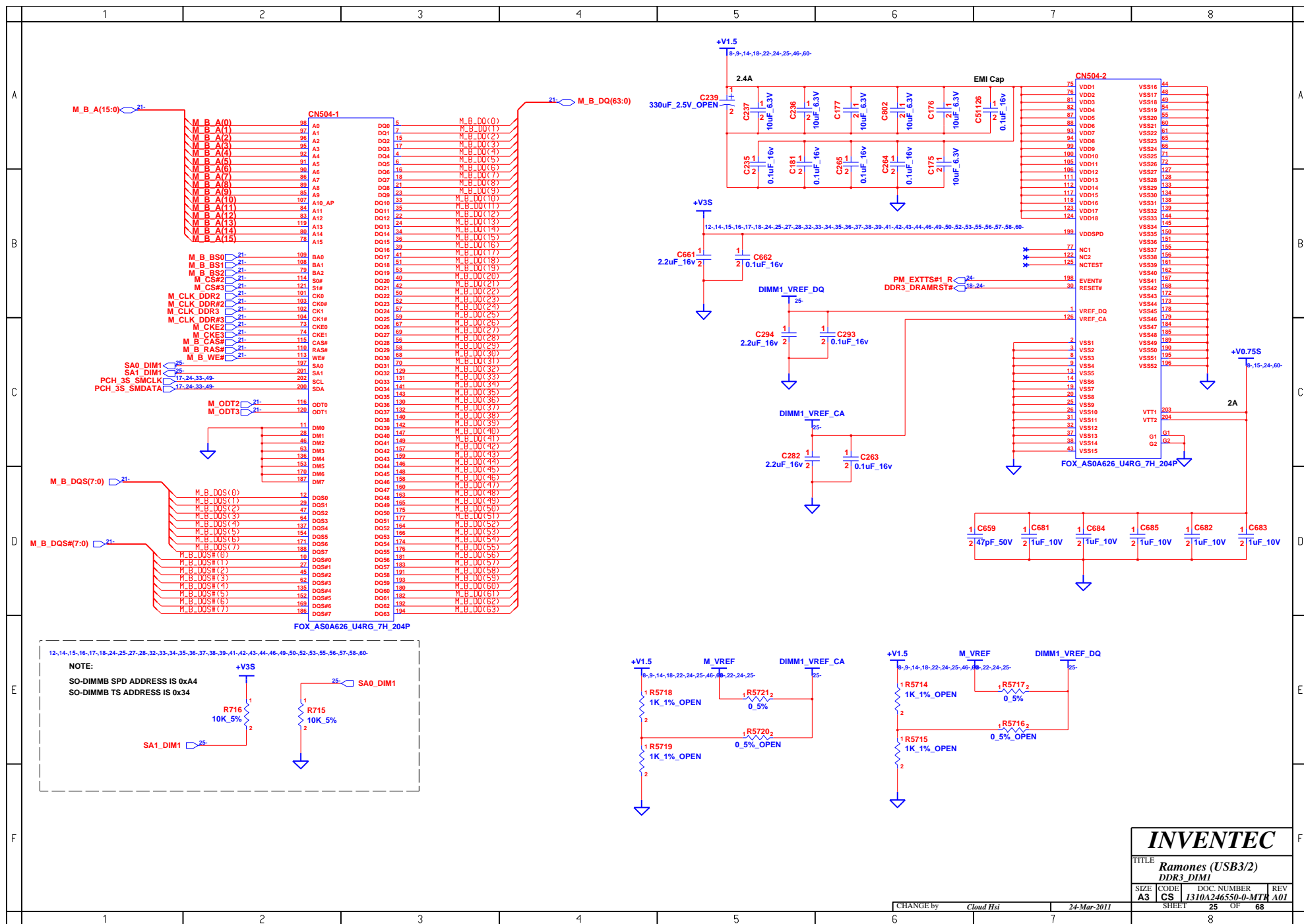




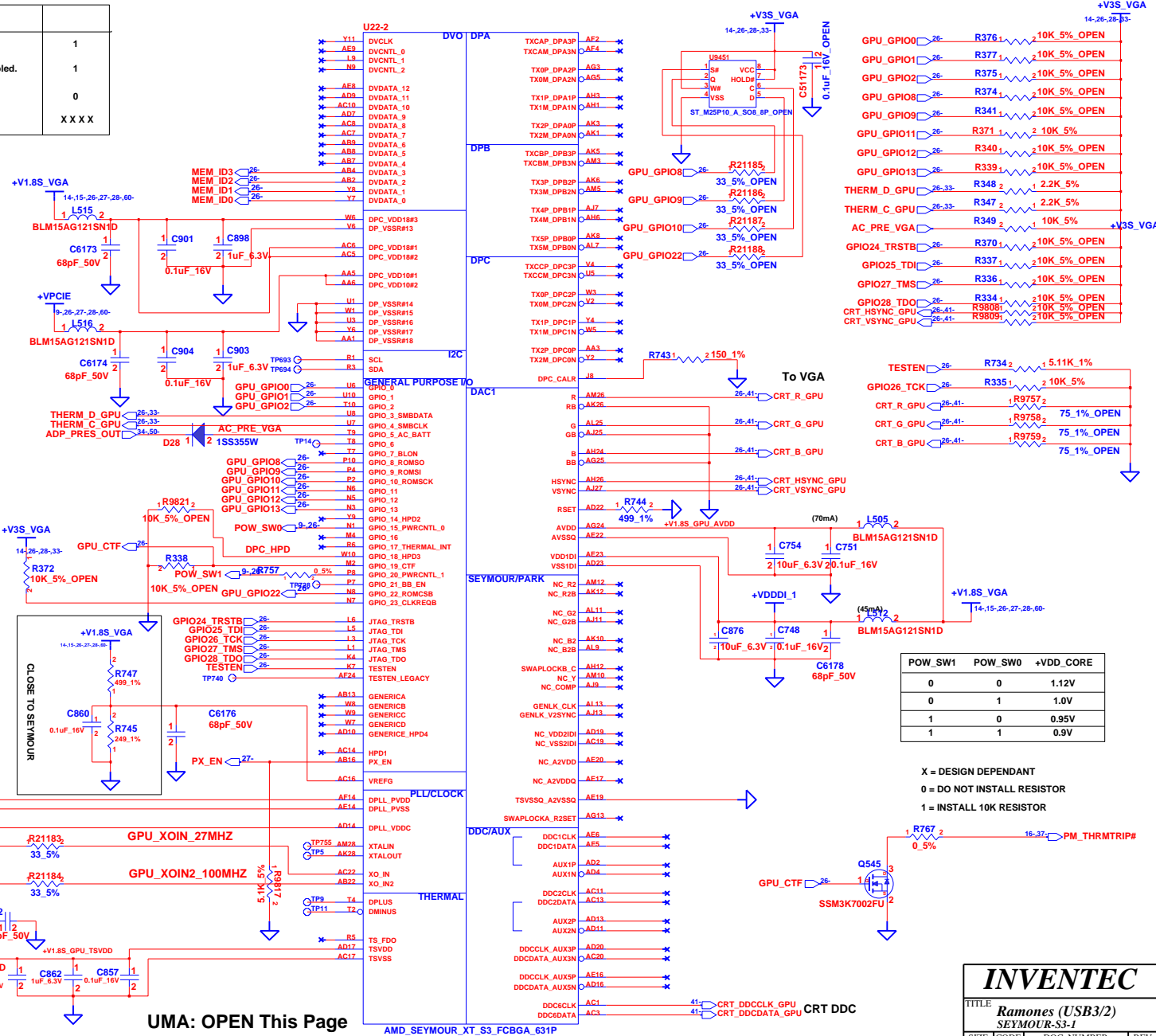
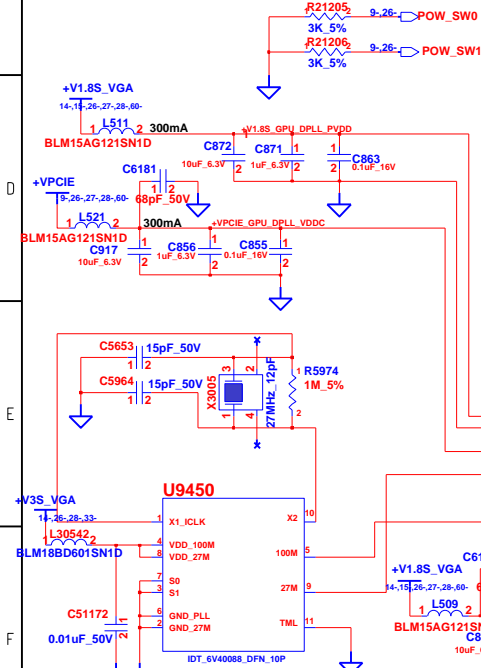
INVENTEC

TITLE
Ramones (USB3/2)
DDR3-DIM0

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GPIO_13	GPIO_12	GPIO_11	MEMORY APERTURE SIZE
0	0	1	512MB/256MB memory aperture (Default)
1	1	0	reserved



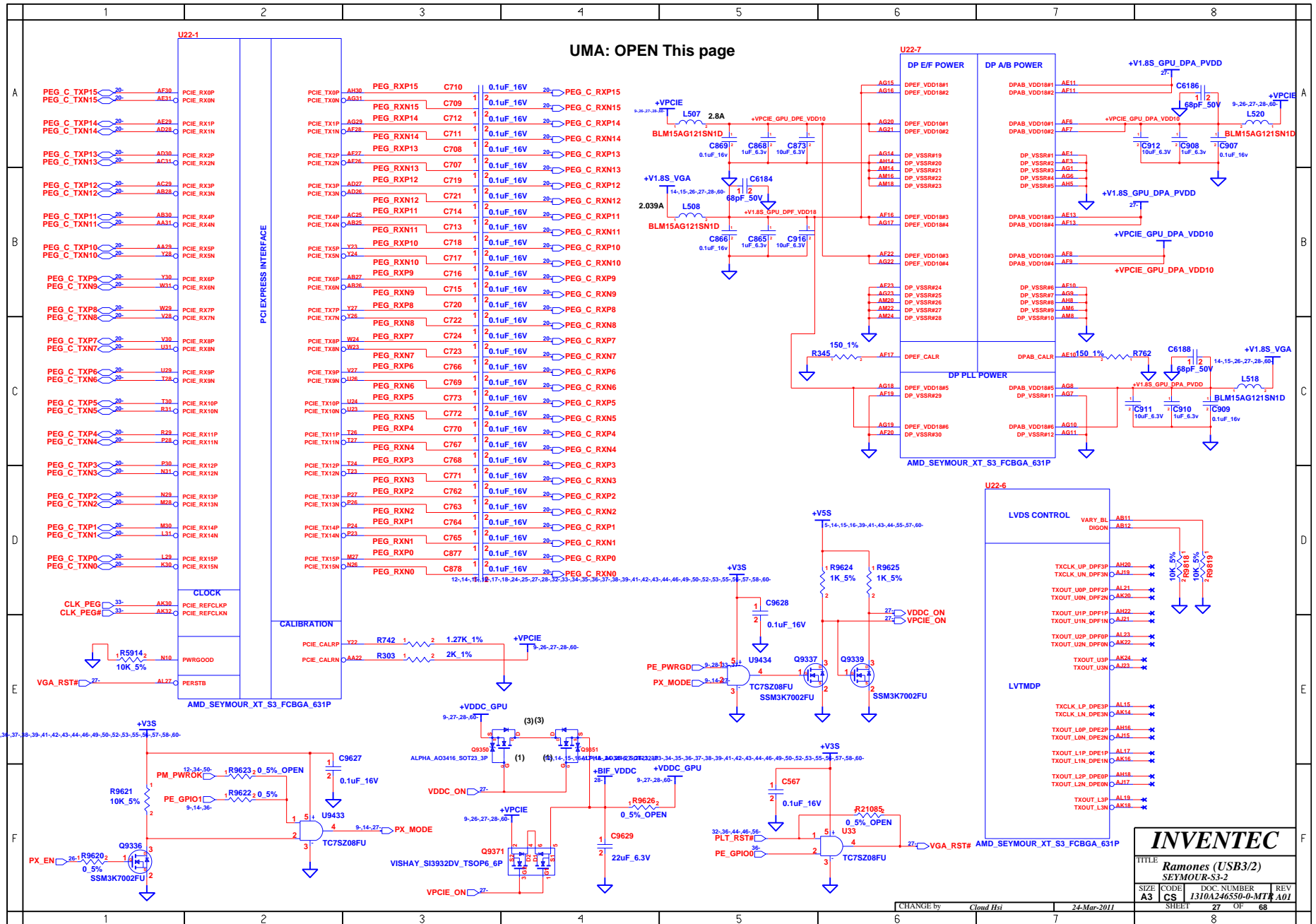
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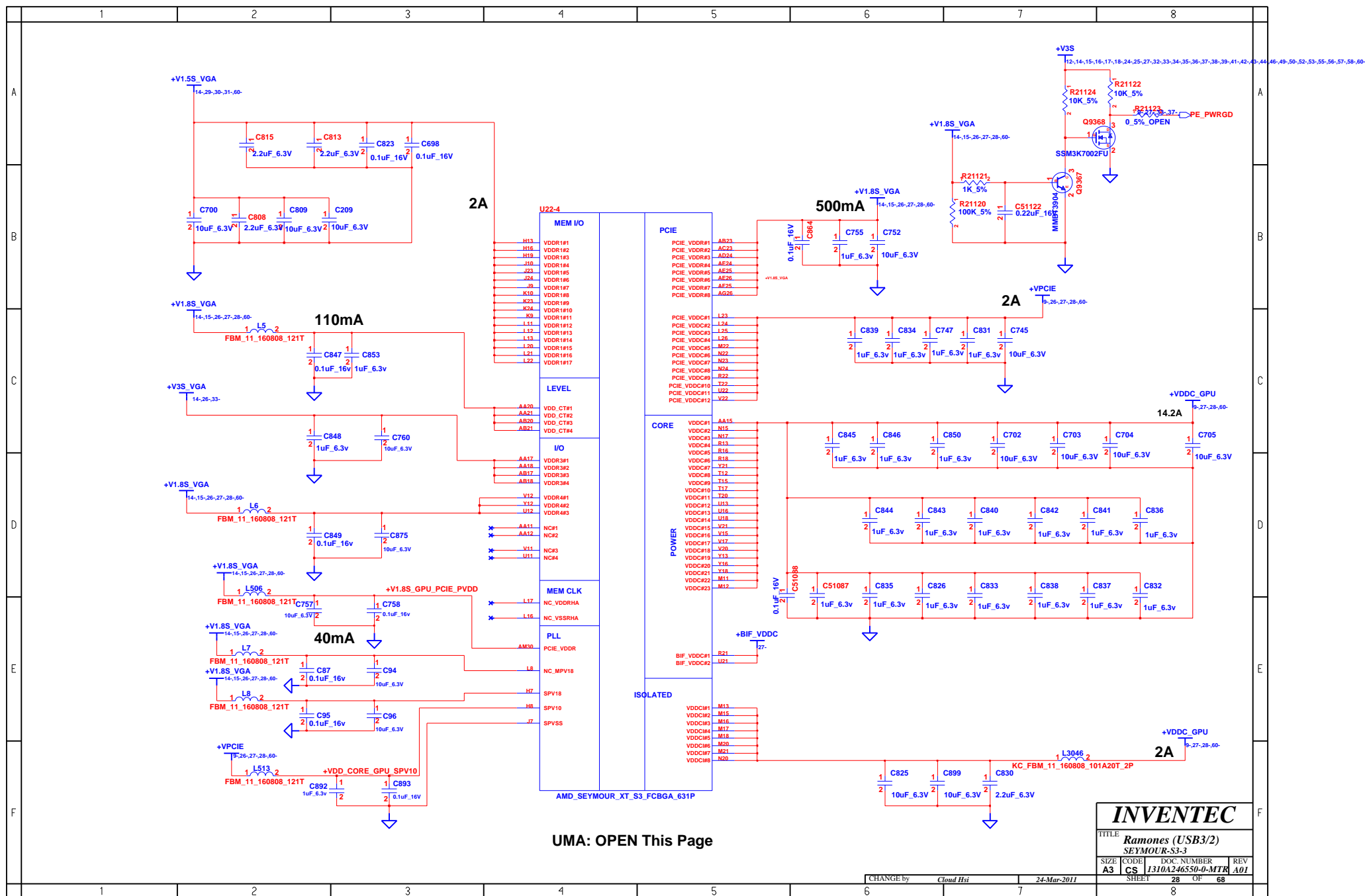
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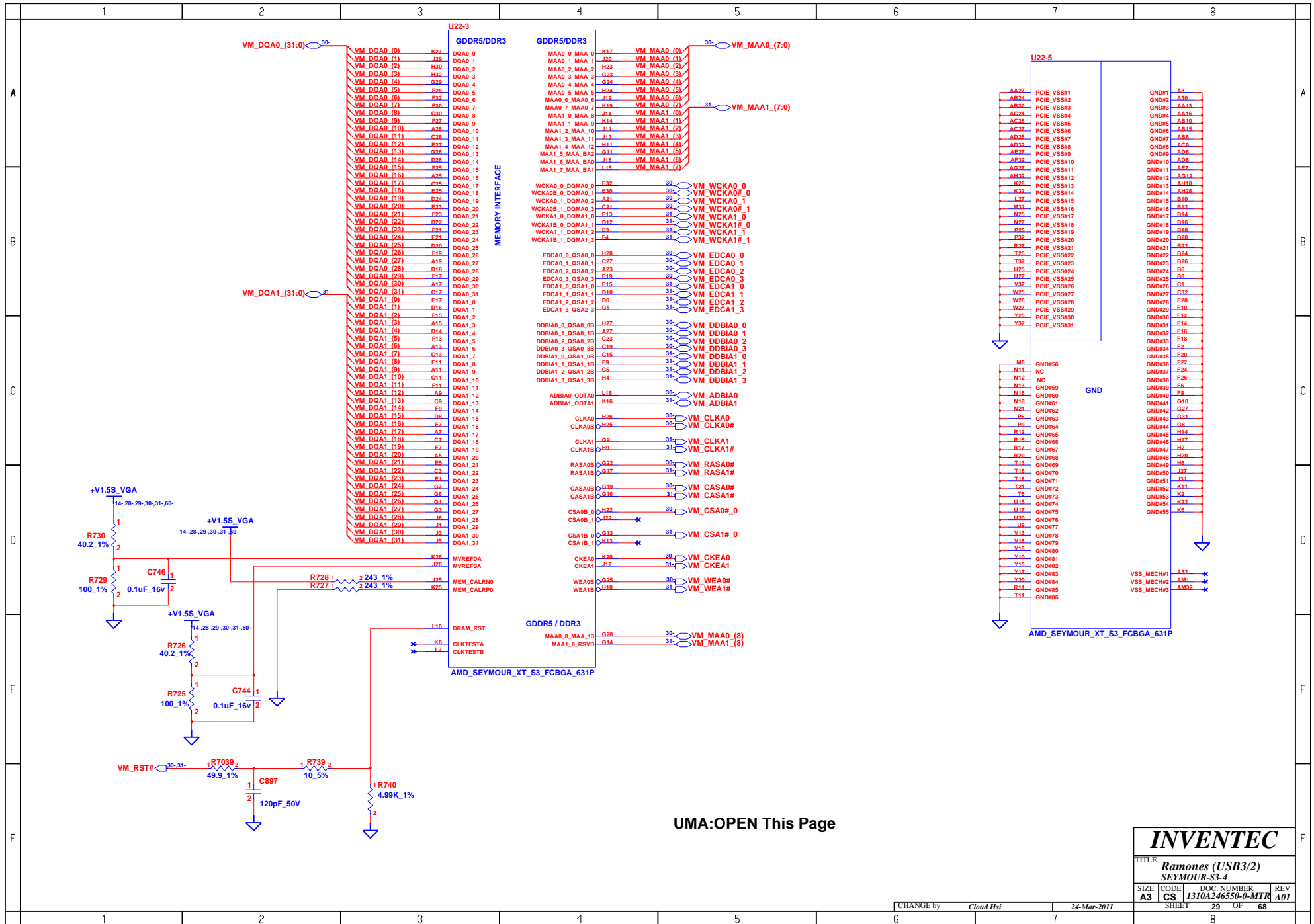
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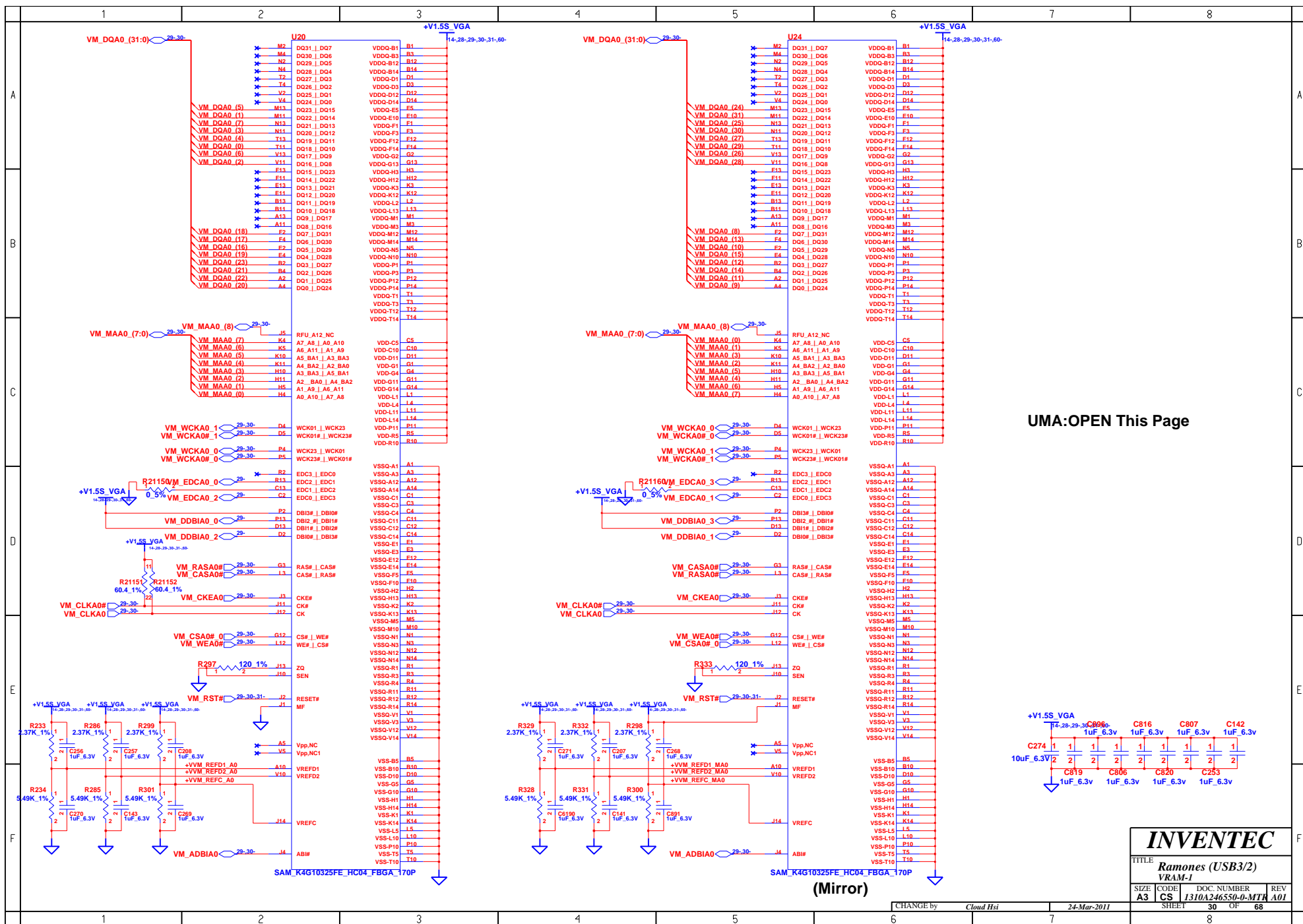
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SIZE A3	CODE CS	DOC. NUMBER 1310A246550-0-MTR	REV A01
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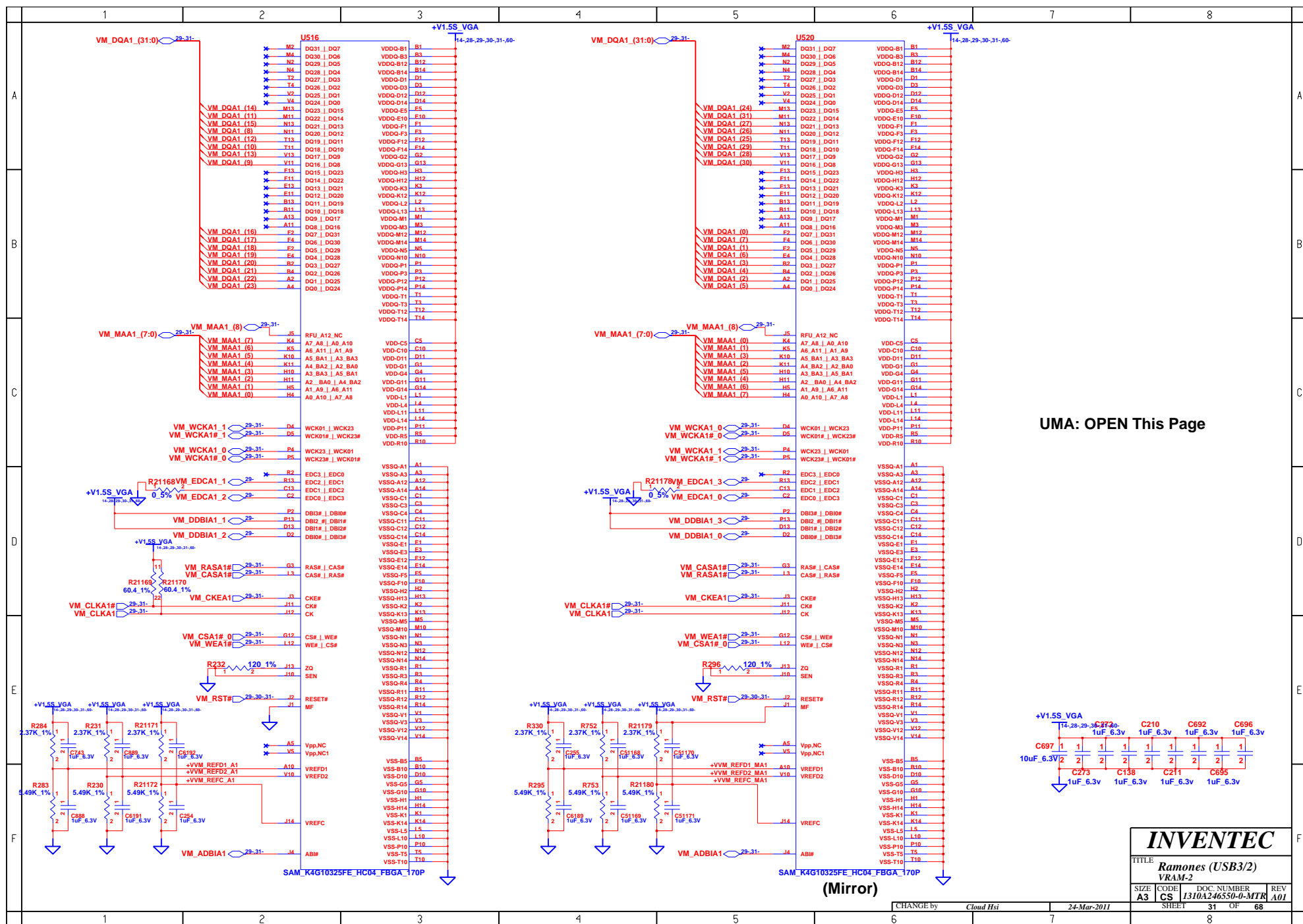
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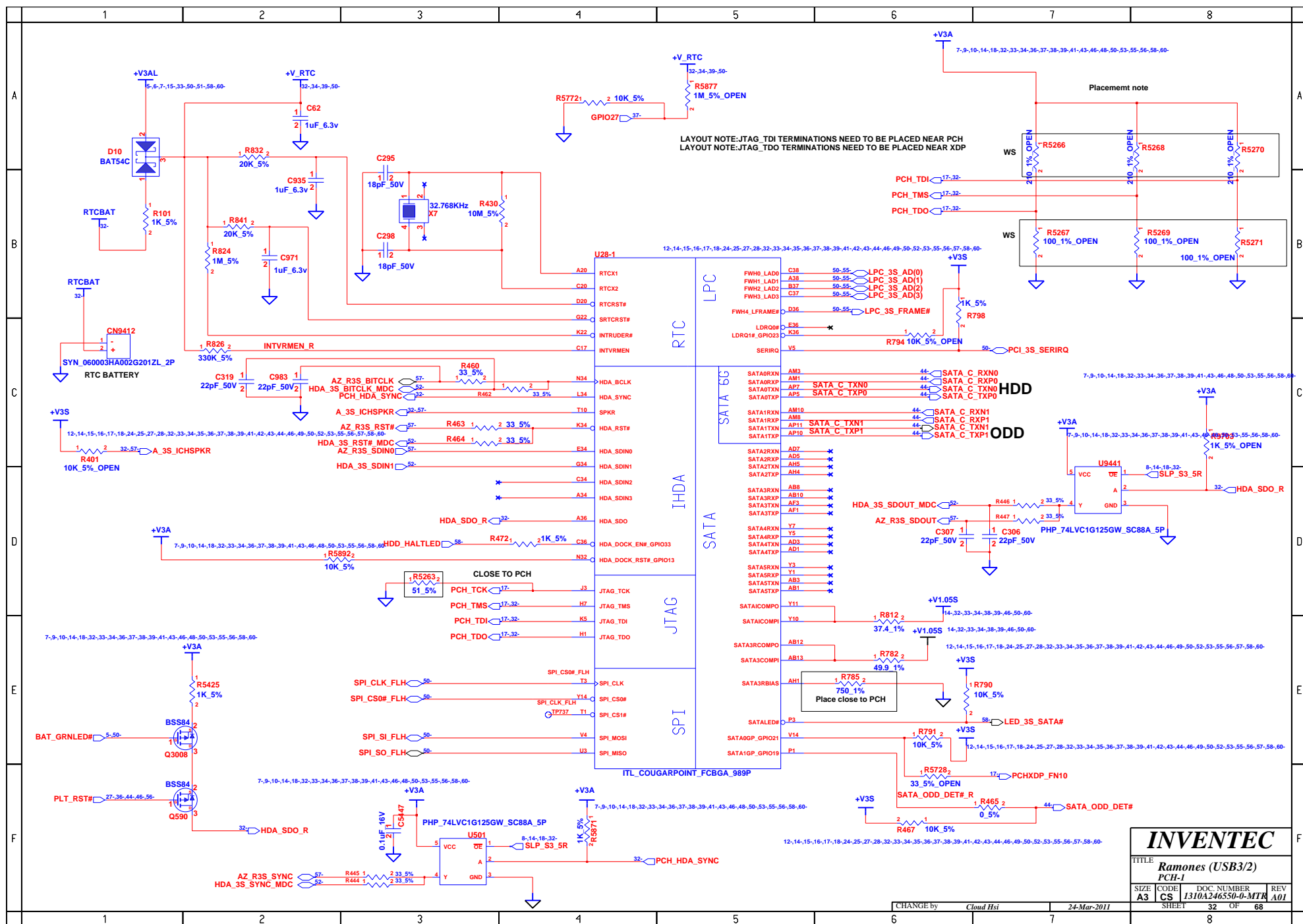
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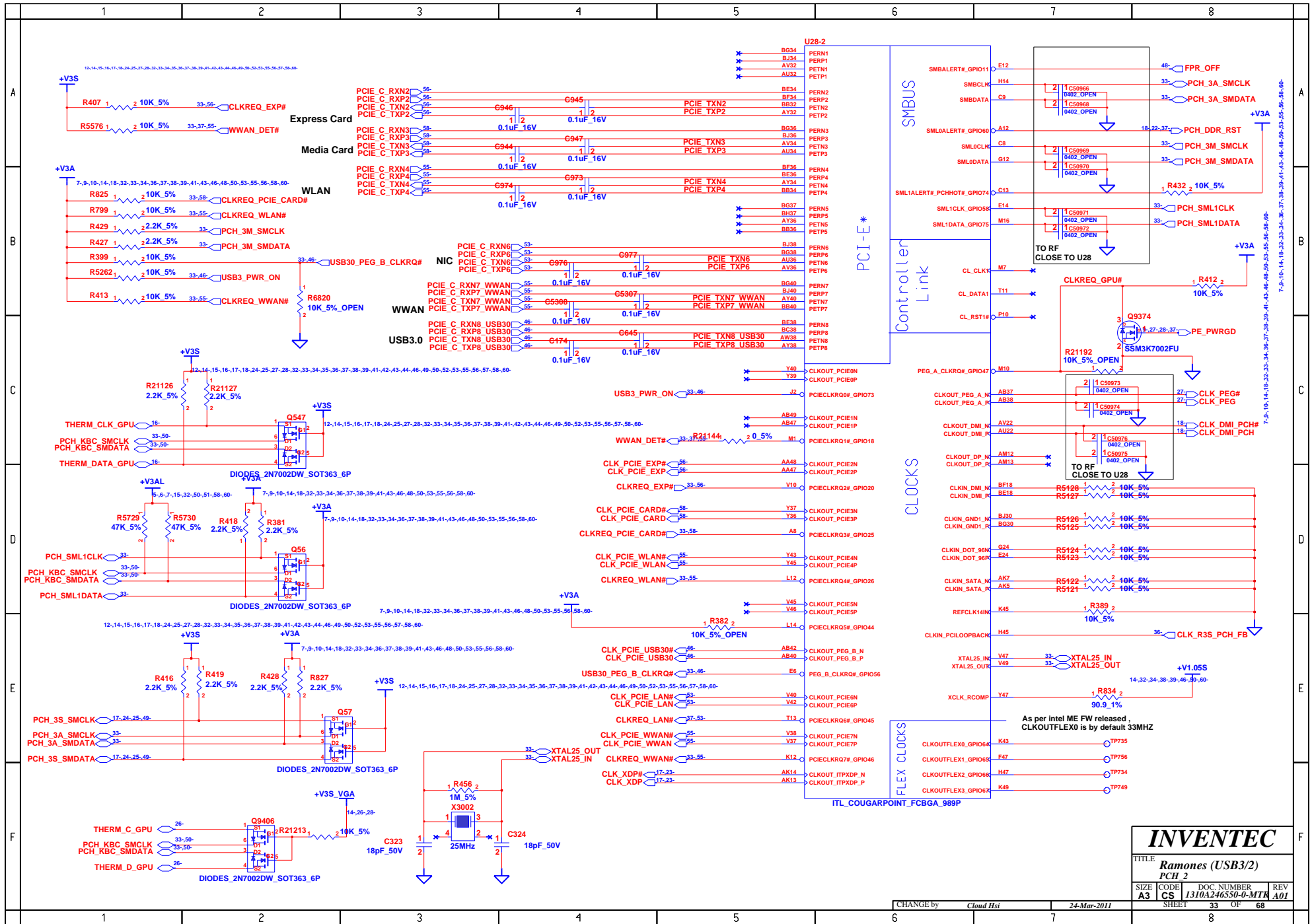
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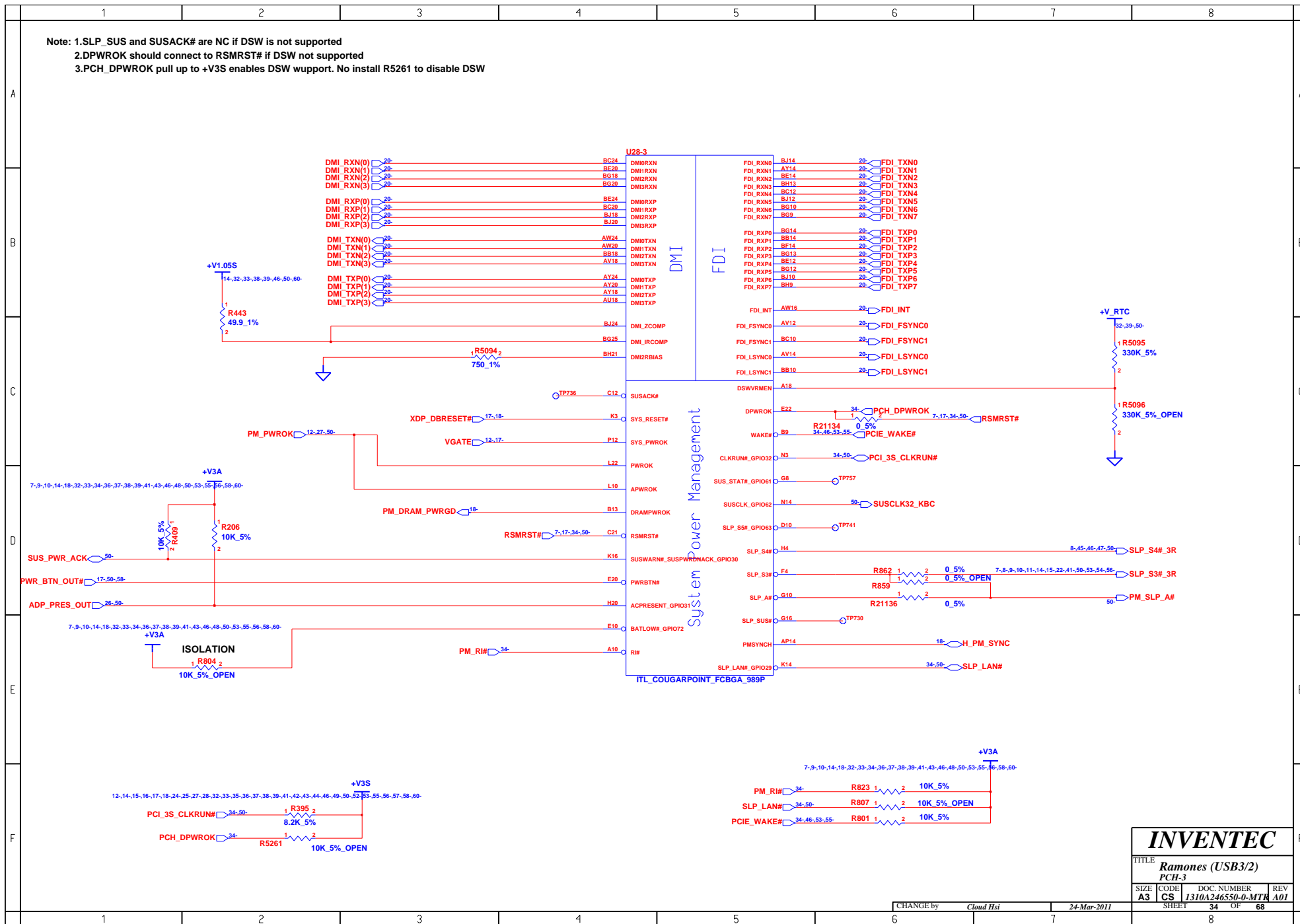
TITLE	<i>Ramones (USB3/2)</i>
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SIZE A3	CODE CS	DOC. NUMBER 1310A246550-0-MTR	REV A01
SHEET		30	OF 68





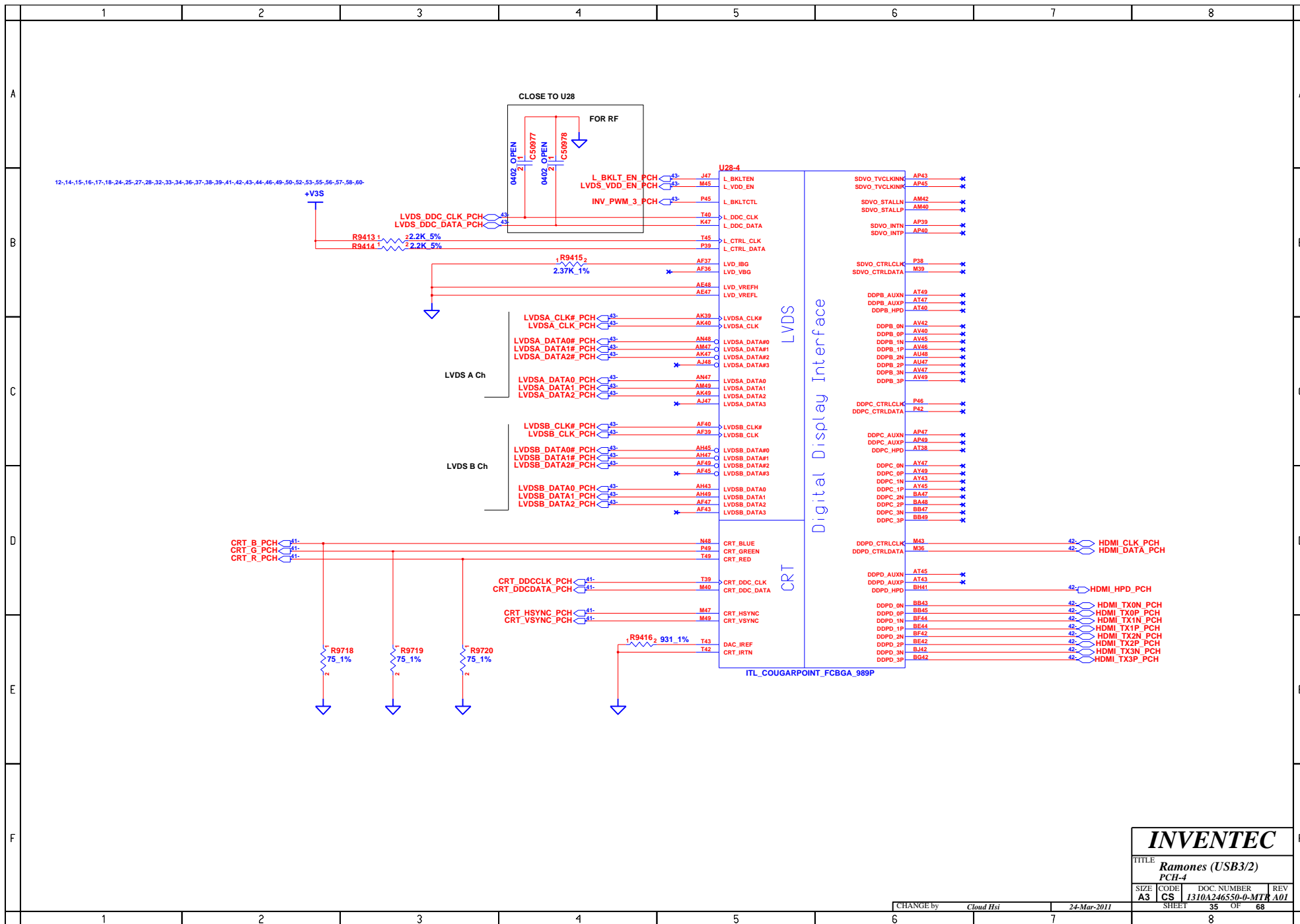




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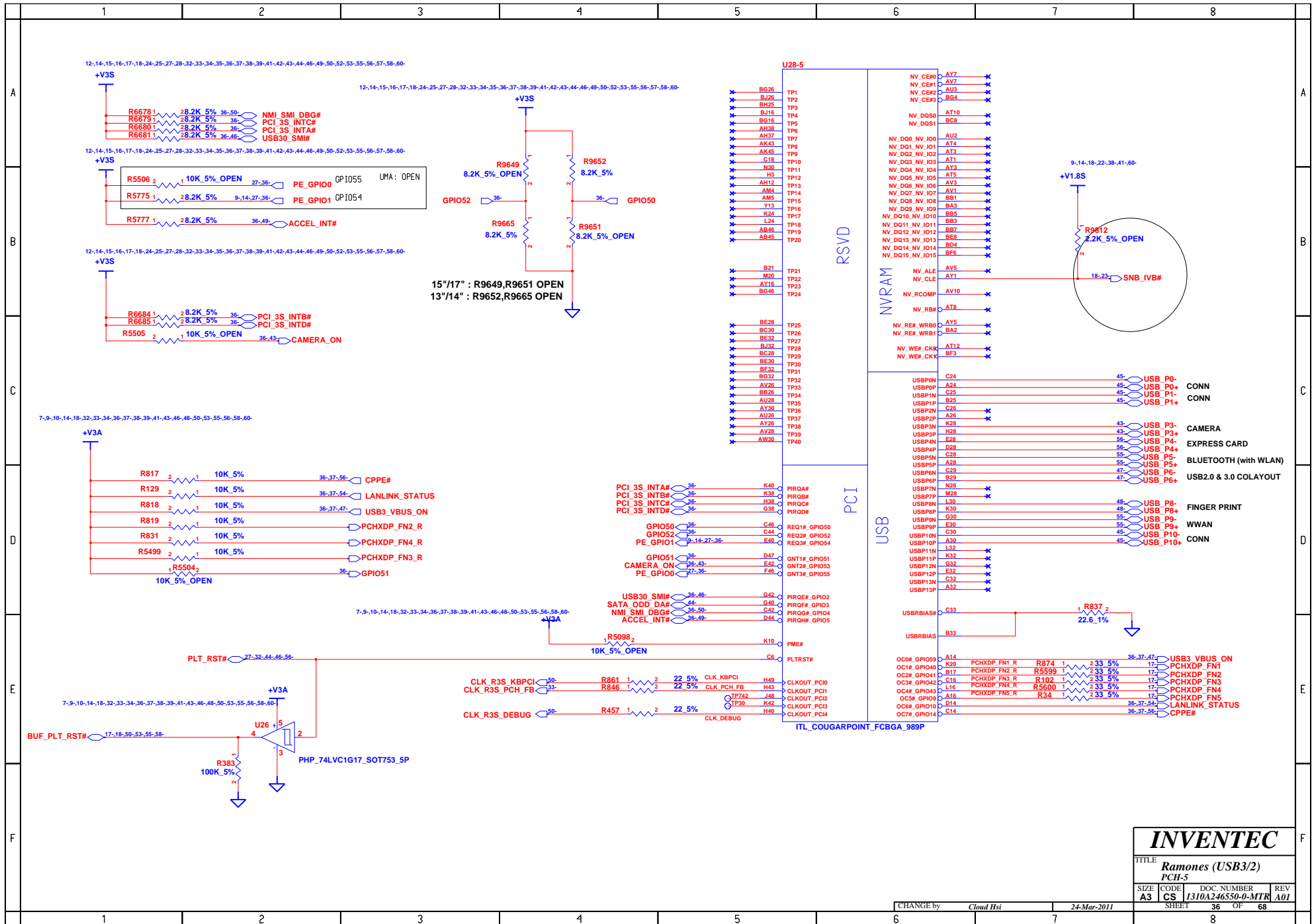
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Ramones (USB3/2)			
PCH-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01
SHEET		34	OF 68

CHANGE by Cloud Hsi 24-Mar-2011



INVENTEC			
TITLE: Ramones (USB3/2) PCH-4			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A246550-0-MTR A01	REV: 35 OF 68

CHANGE by: Cloud Hsi 24-Mar-2011



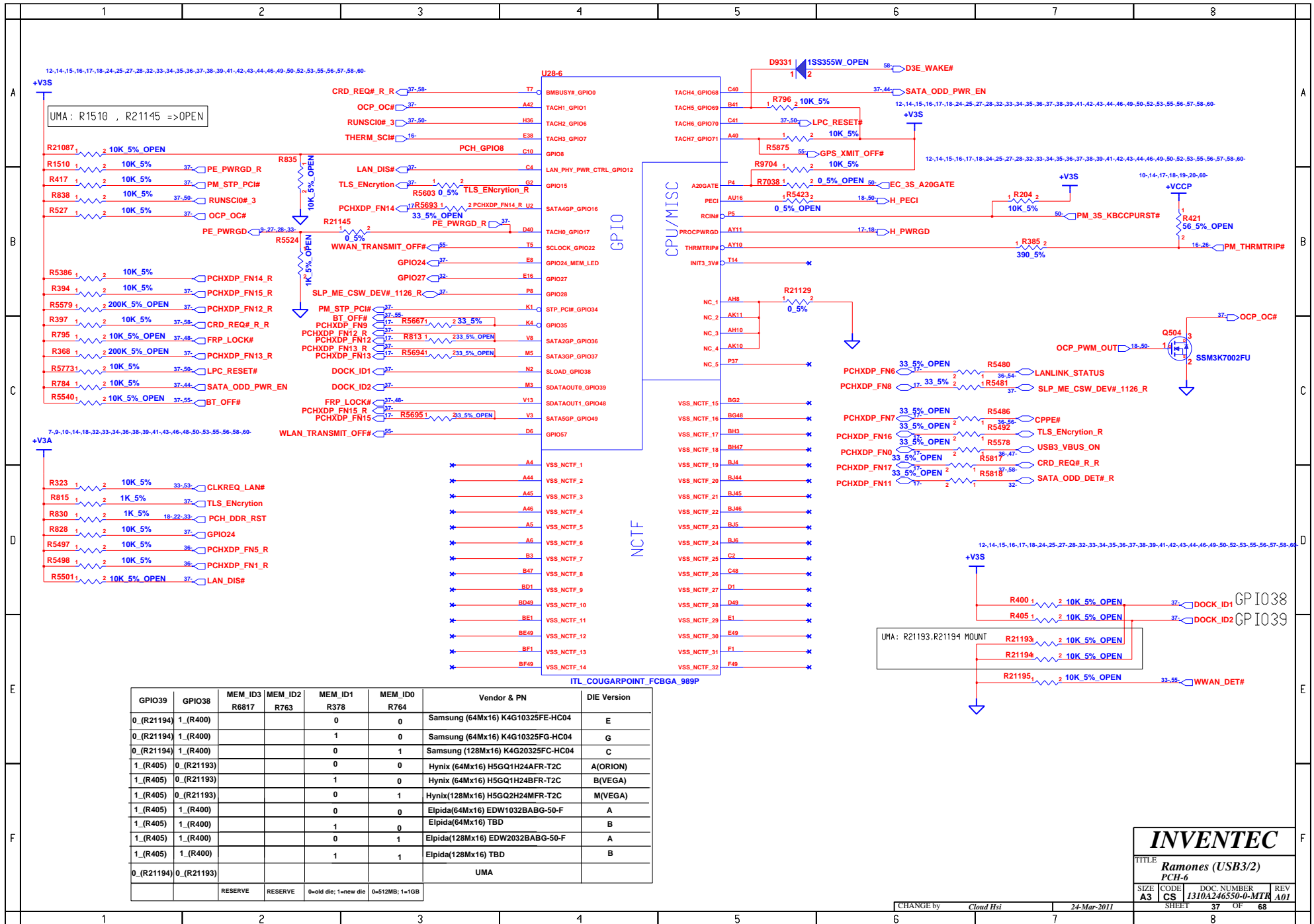
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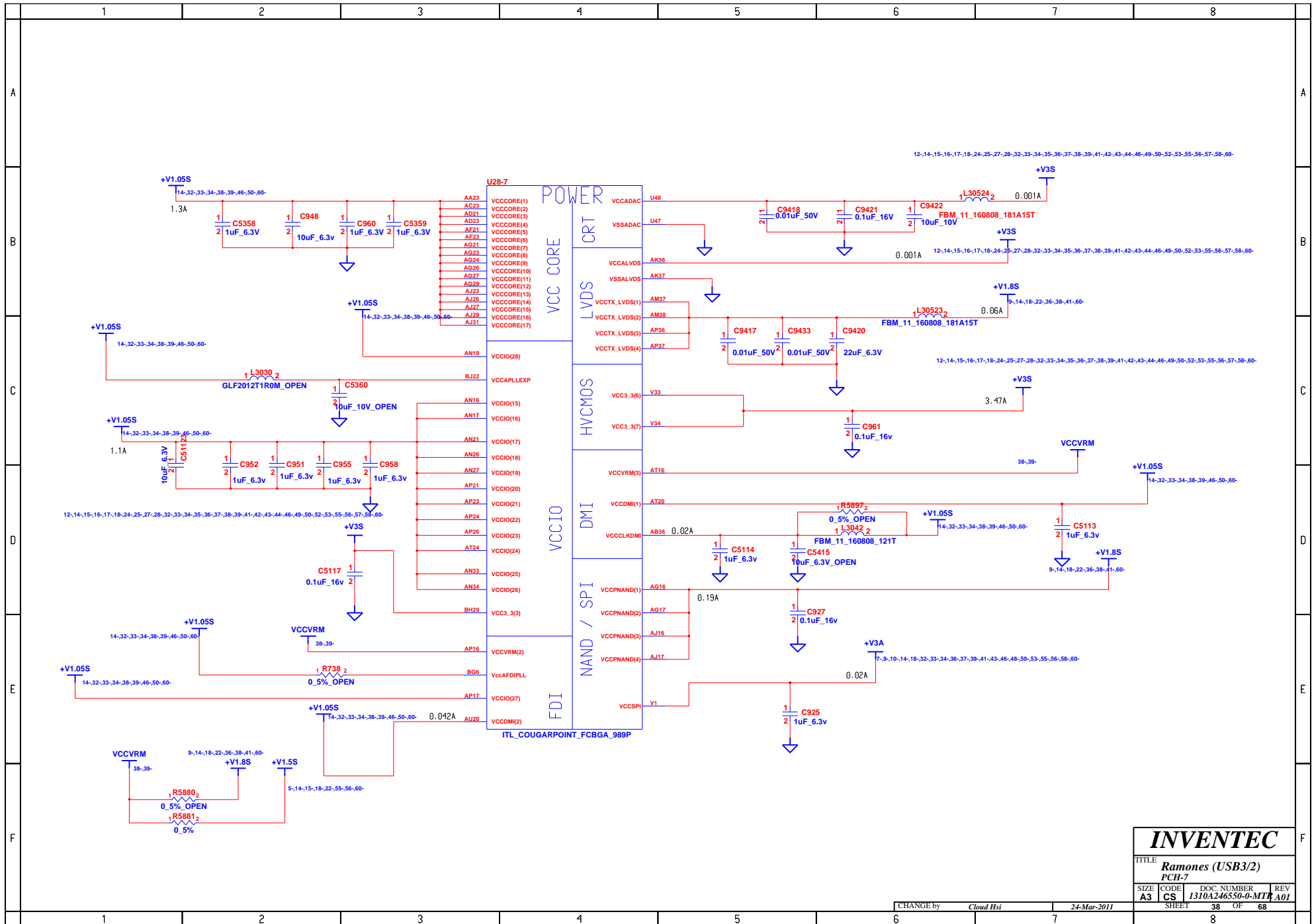
TITLE
Ramones (USB3/2)
PCH-5

SIZE	CODE	DOC. NUMBER	REV
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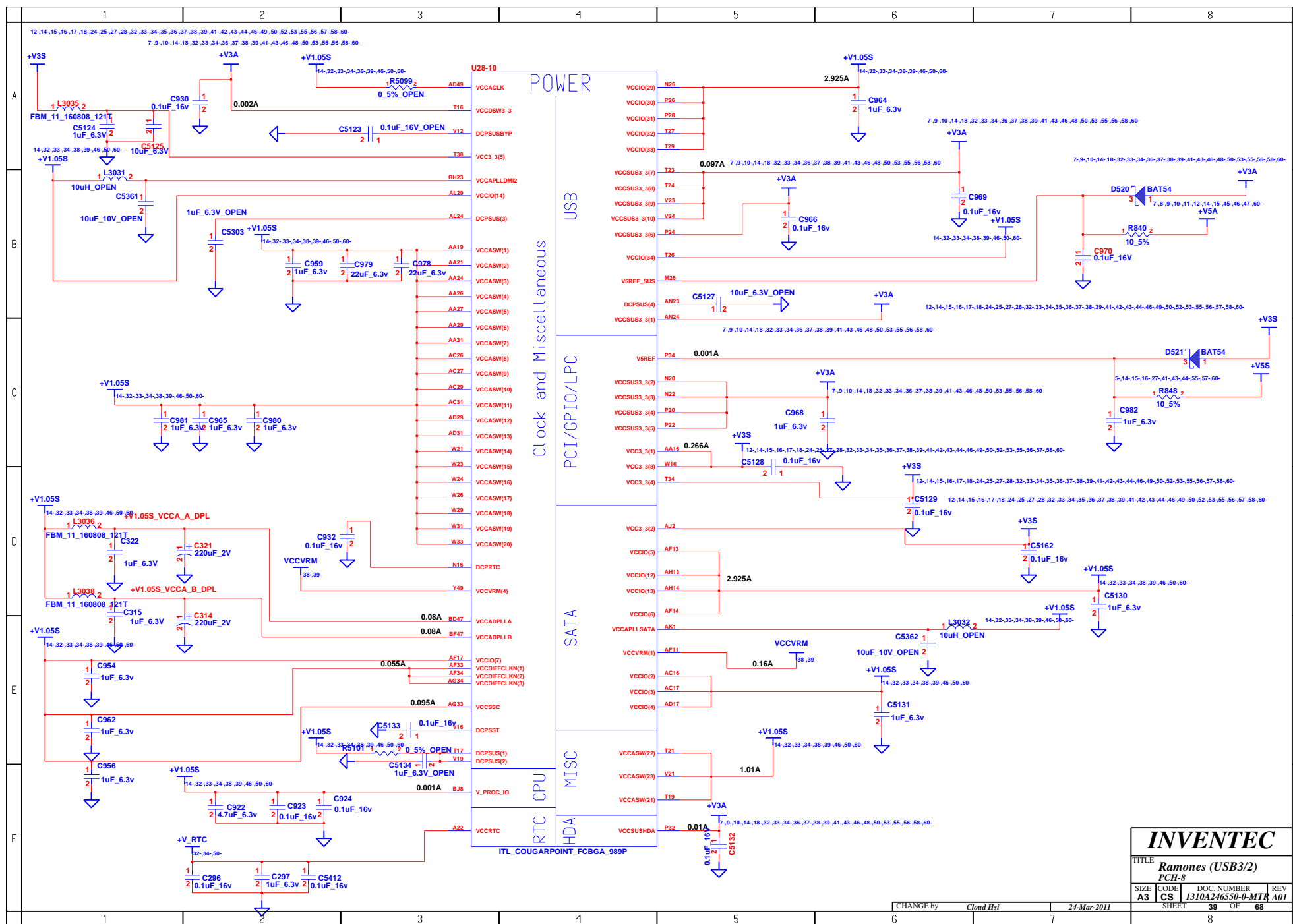
SHEET 36 OF 68





INVENTEC

TITLE Ramones (USB3/2) PCH-7			
SIZE A3	CODE CS	DOC. NUMBER 1310A246550-0-MTR_A01	REV A01
SHEET 38		OF 68	



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E								
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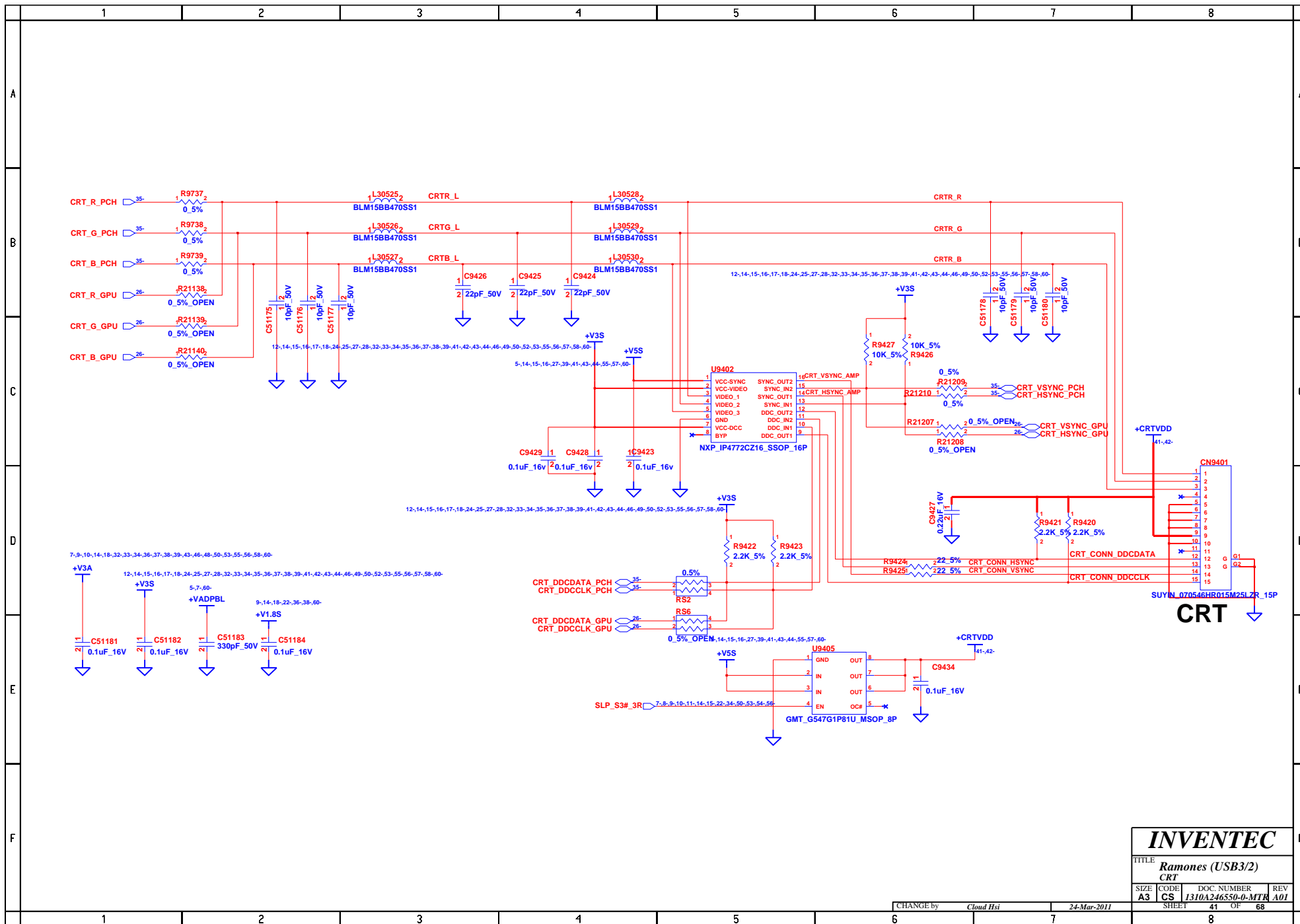
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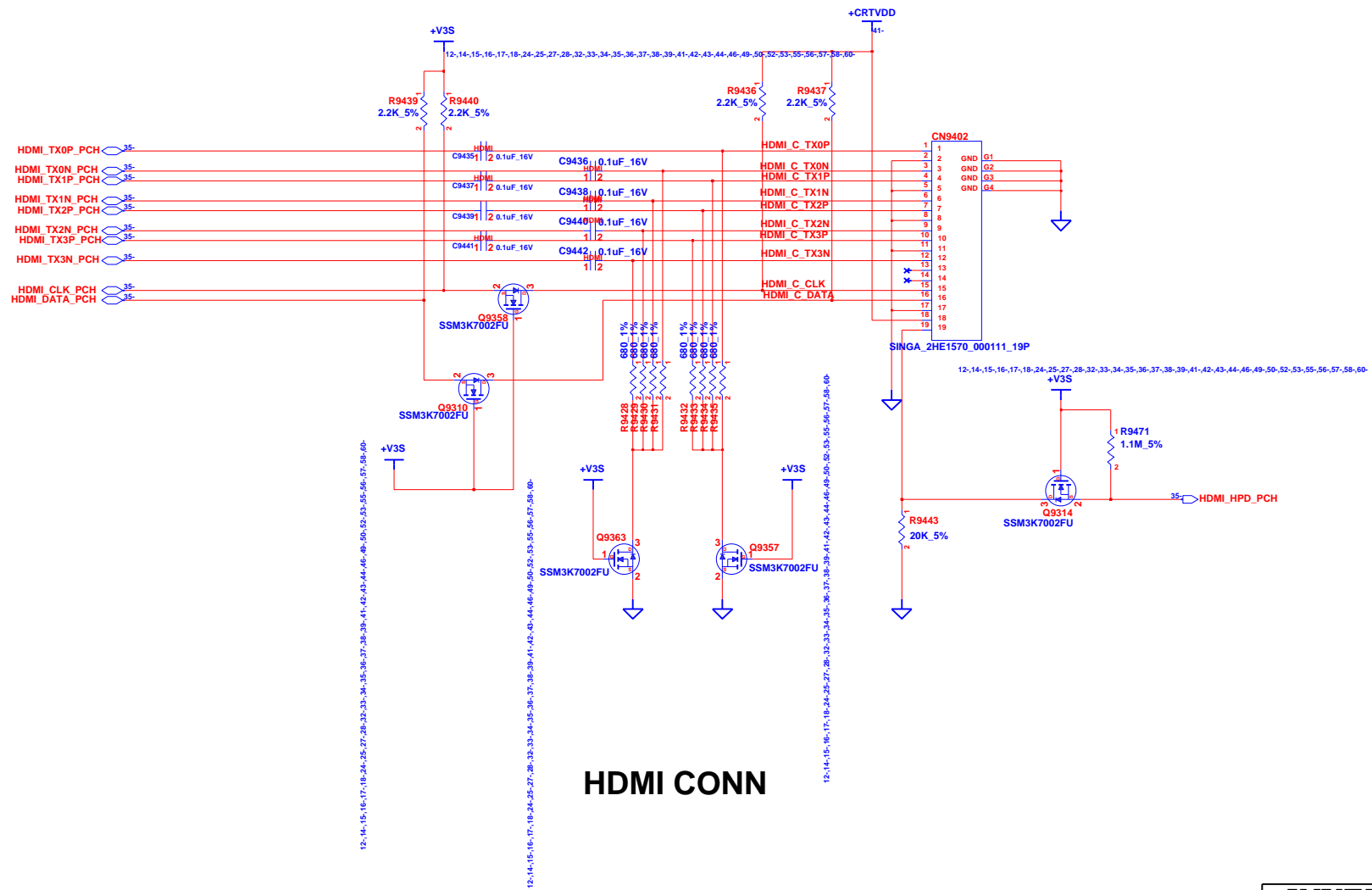
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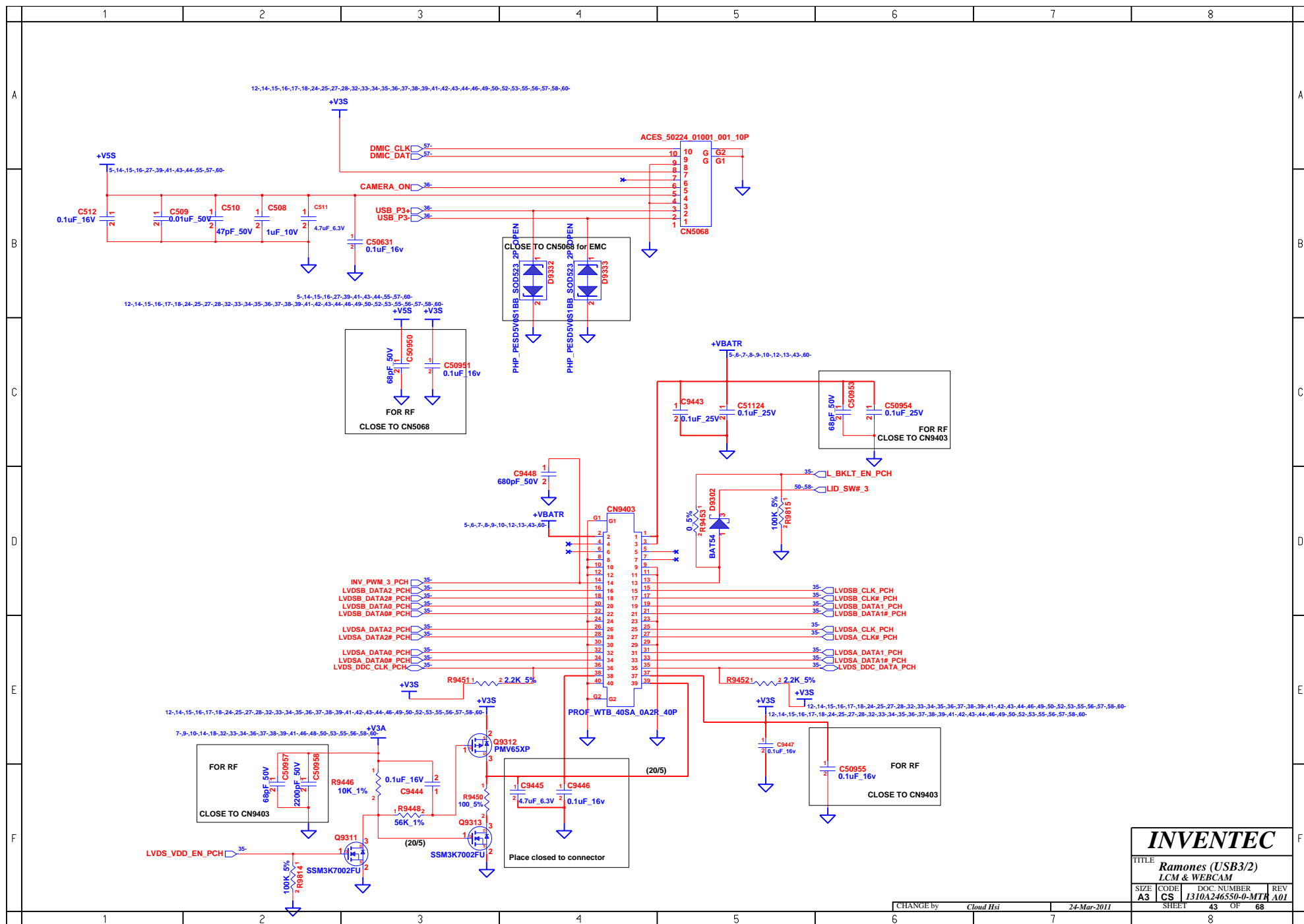
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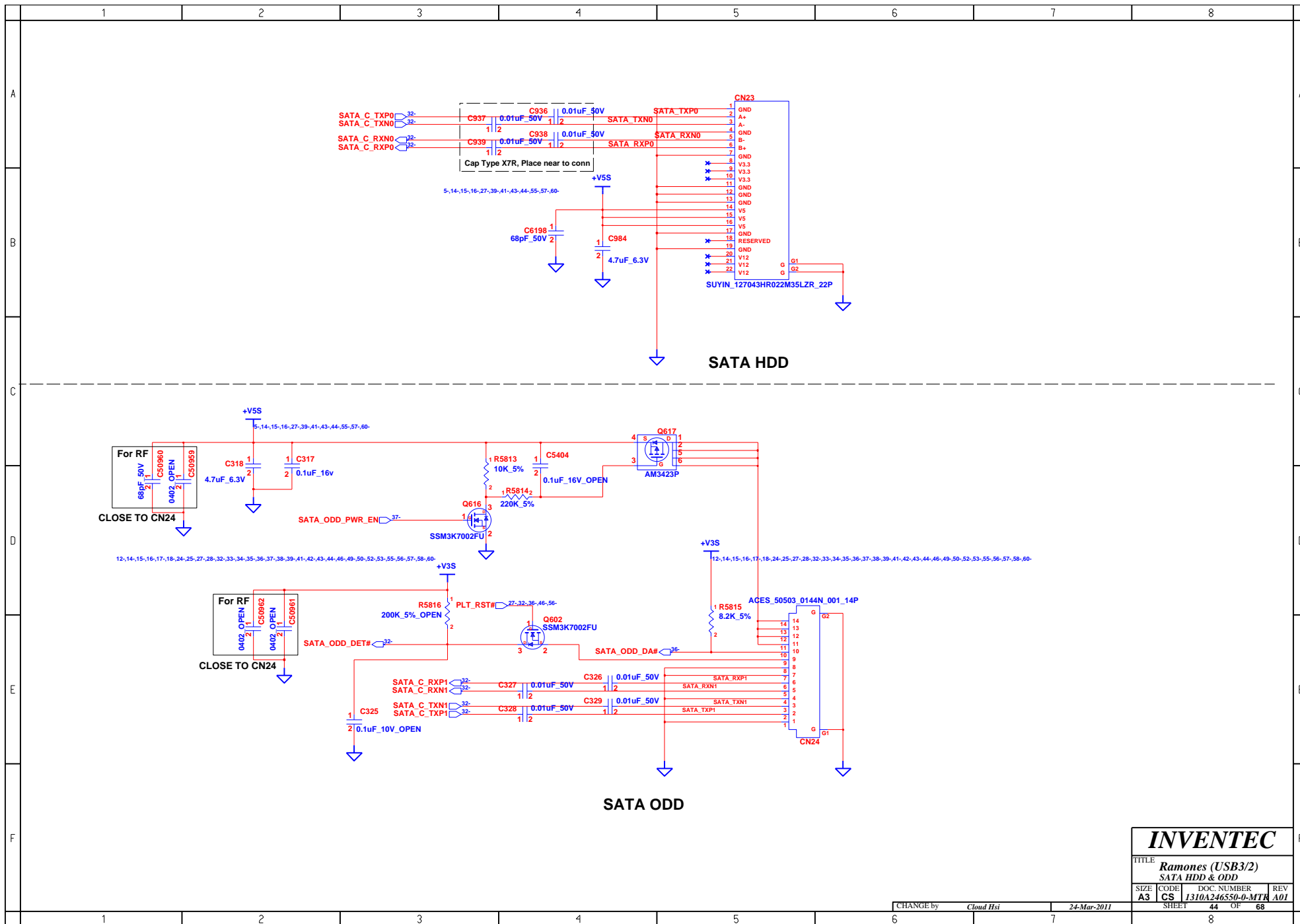




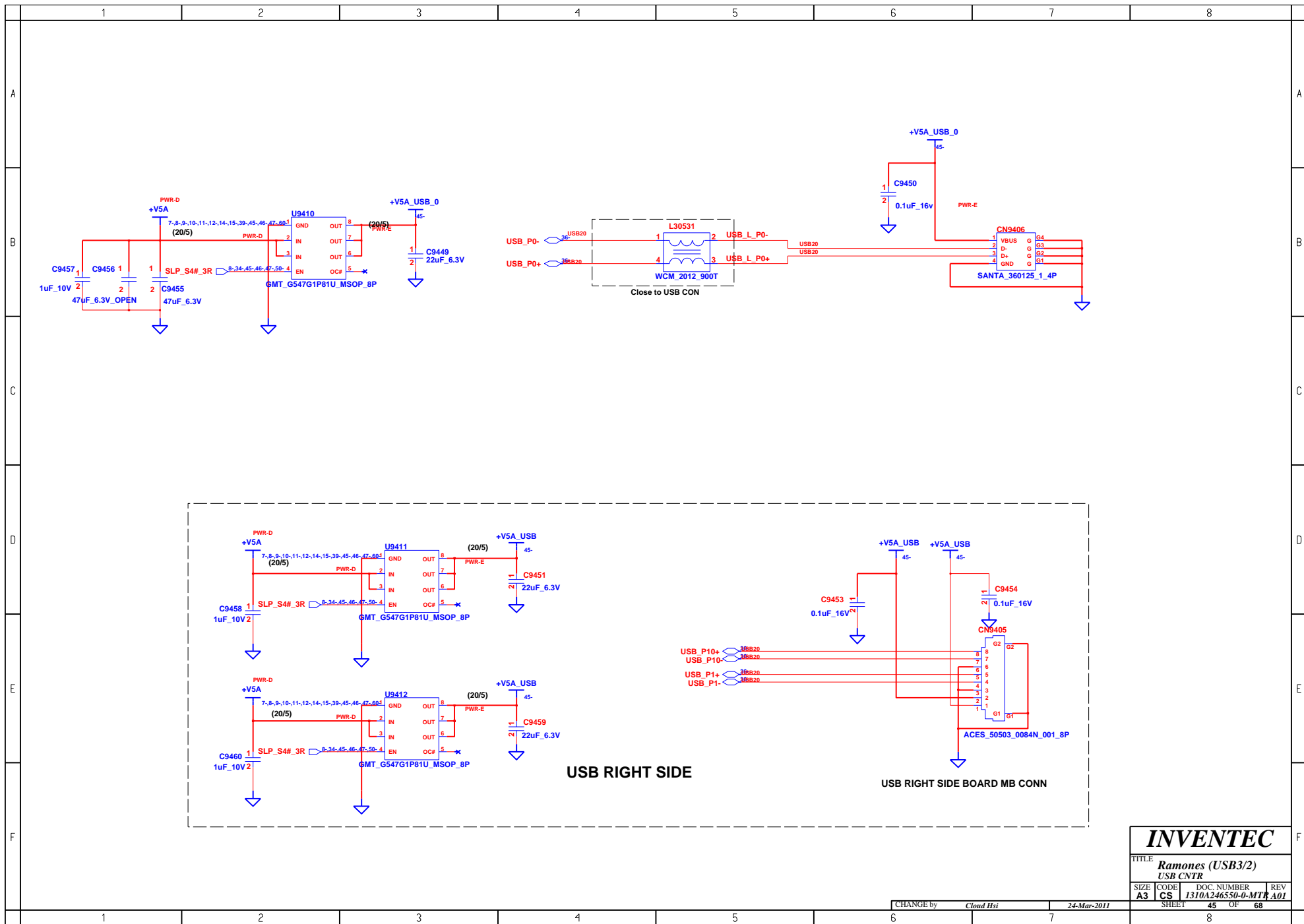
HDMI CONN

INVENTEC			
TITLE Ramones (USB3/2) HDMI CONN			
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CHANGE by Cloud Hsi		24-Mar-2011	
SHEET 42		OF 68	



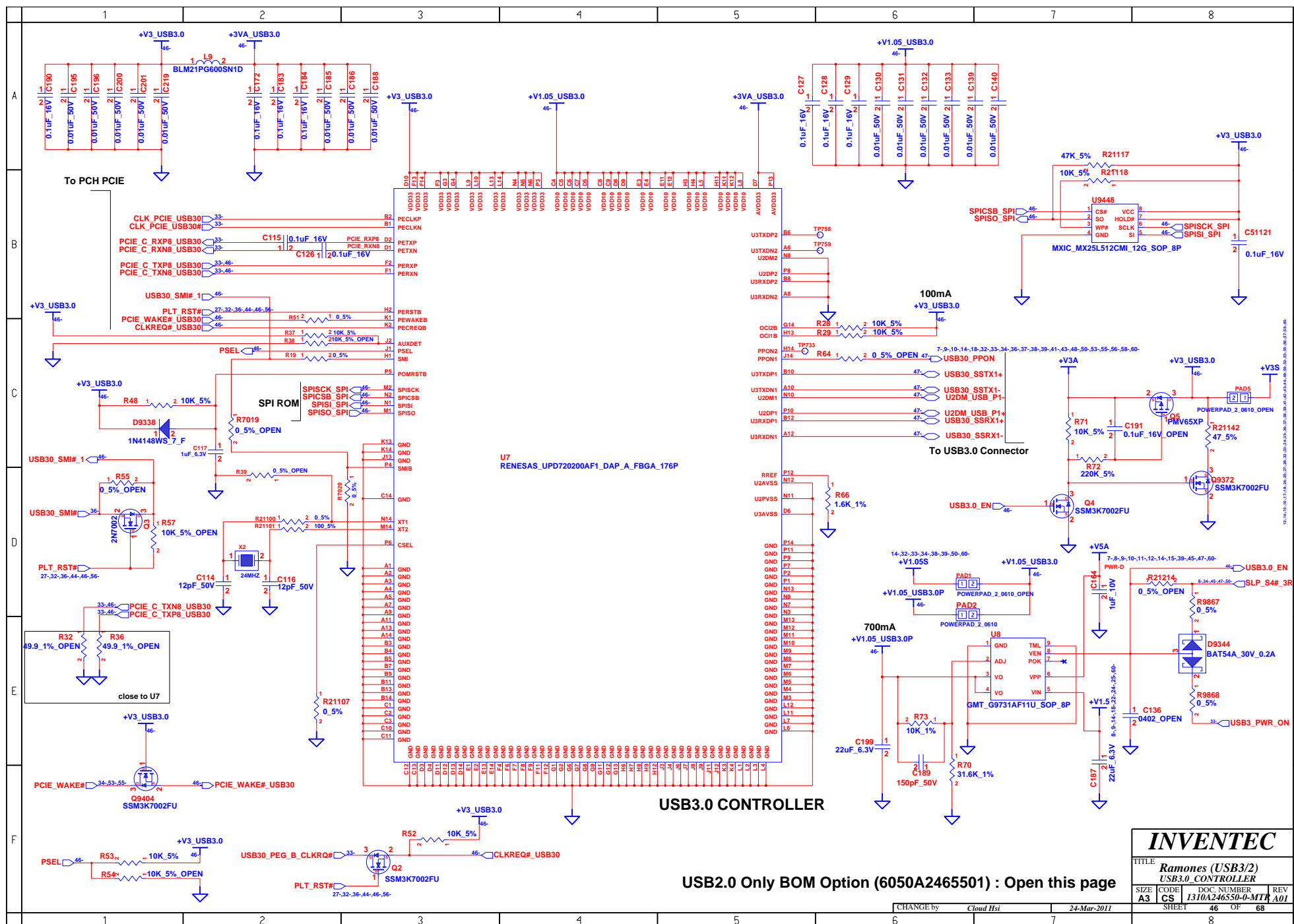


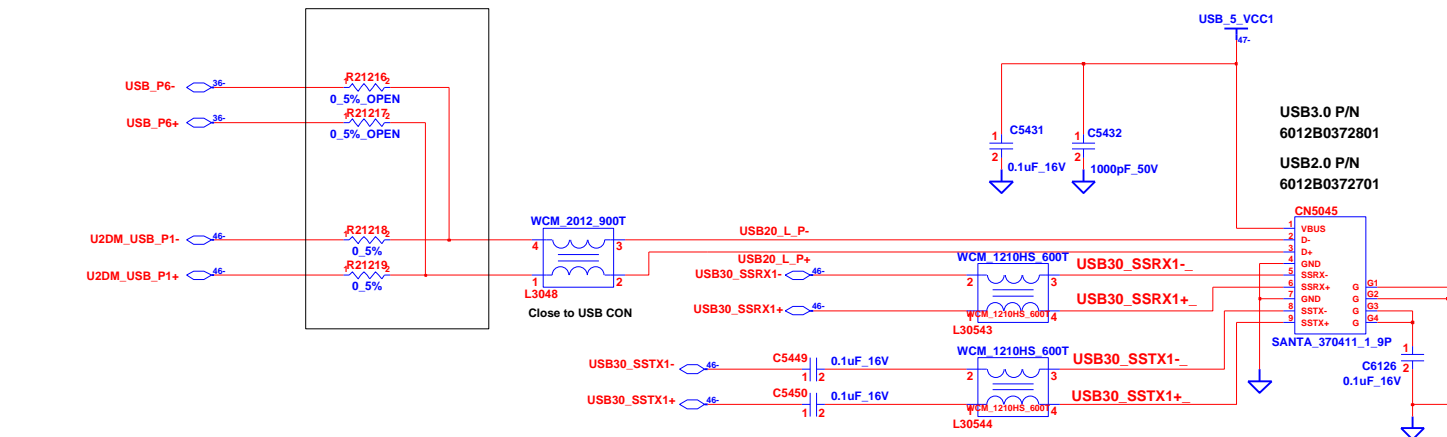
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CHANGE by: <i>Cloud Hsi</i>		24-Mar-2011	
SHEET		44 OF 68	
1		8	



INVENTEC

TITLE Ramones (USB3/2) USB CNTR			
SIZE A3	CODE CS	DOC. NUMBER 1310A246550-0-MTR	REV A01
CHANGE by <i>Cloud Hsi</i>		24-Mar-2011	
SHEET 45		OF 68	

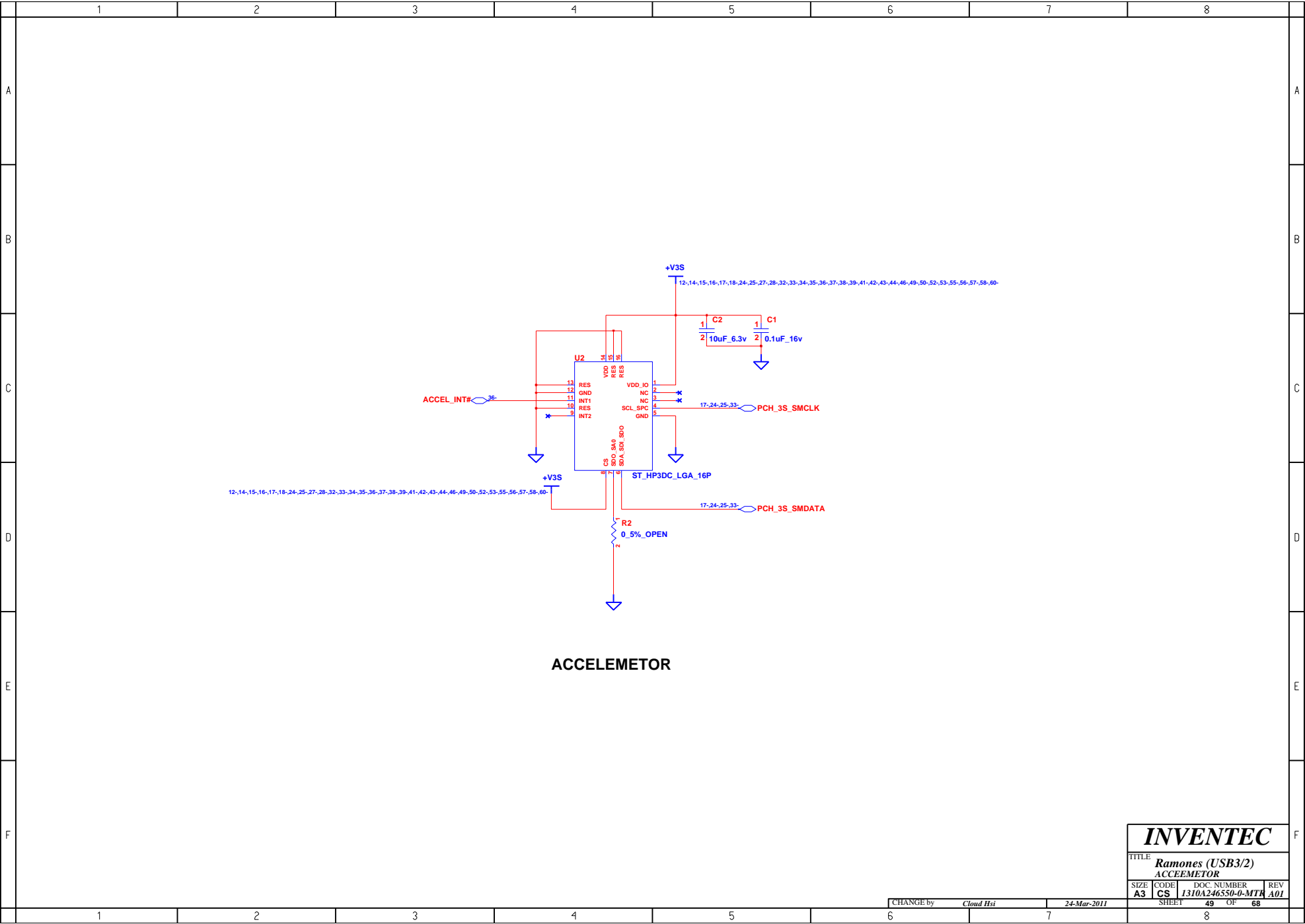




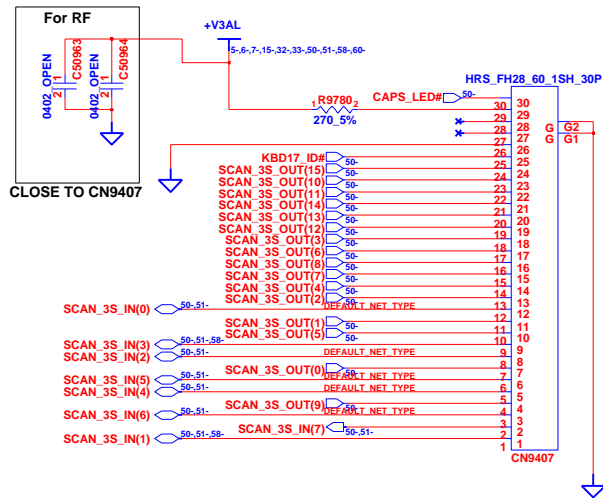
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SHEET 47		OF 68	

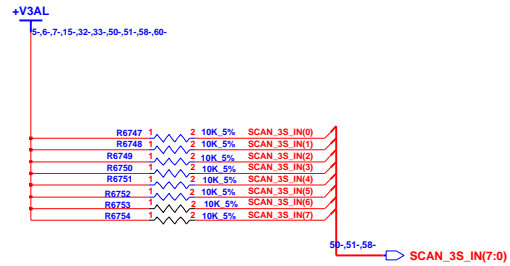




PIN NAME	LEVEL	PANEL SIZE
KBD17_ID#	HIGH	15
	LOW	17



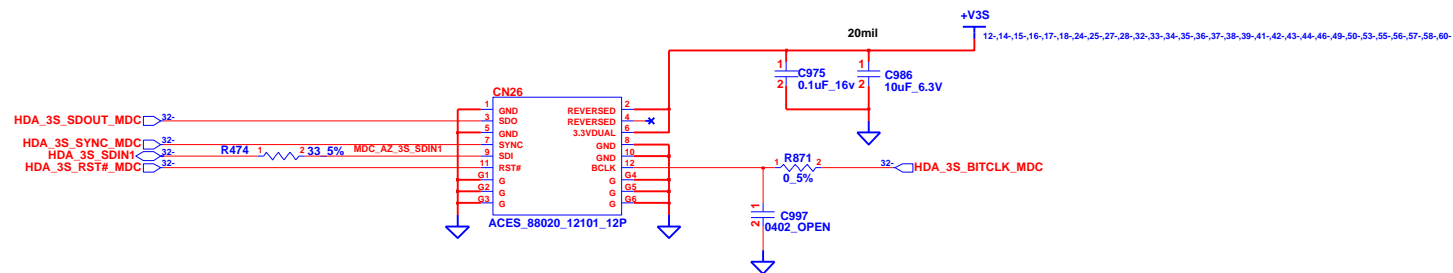
KEYBOARD CONN



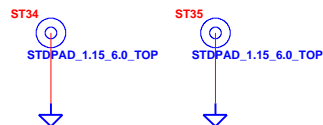
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TITLE			
Ramones (USB3/2)			
KEYBOARD & TOUCH PAD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01
SHEET		51	OF 68

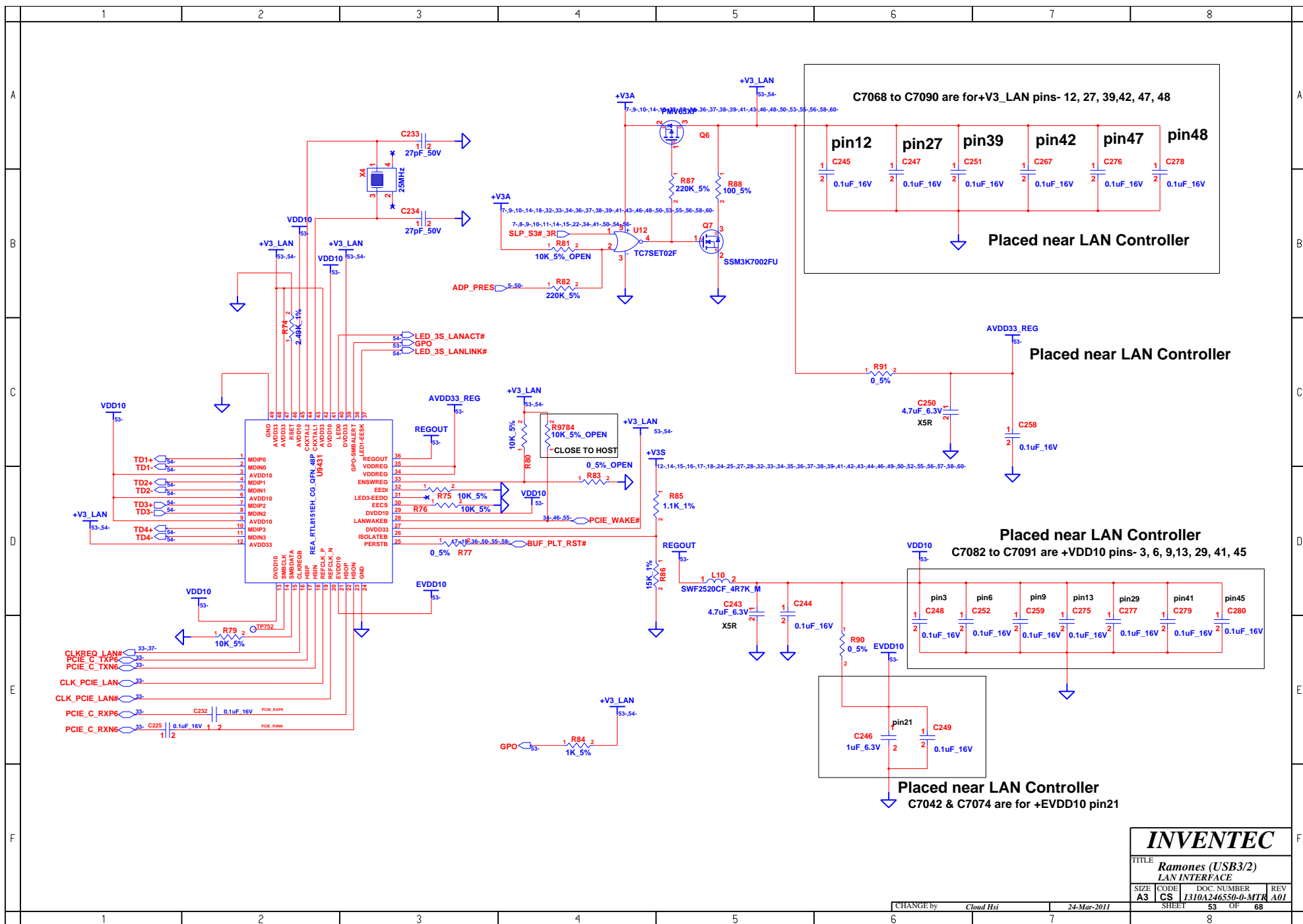
CHANGE by Cloud Hsi 24-Mar-2011

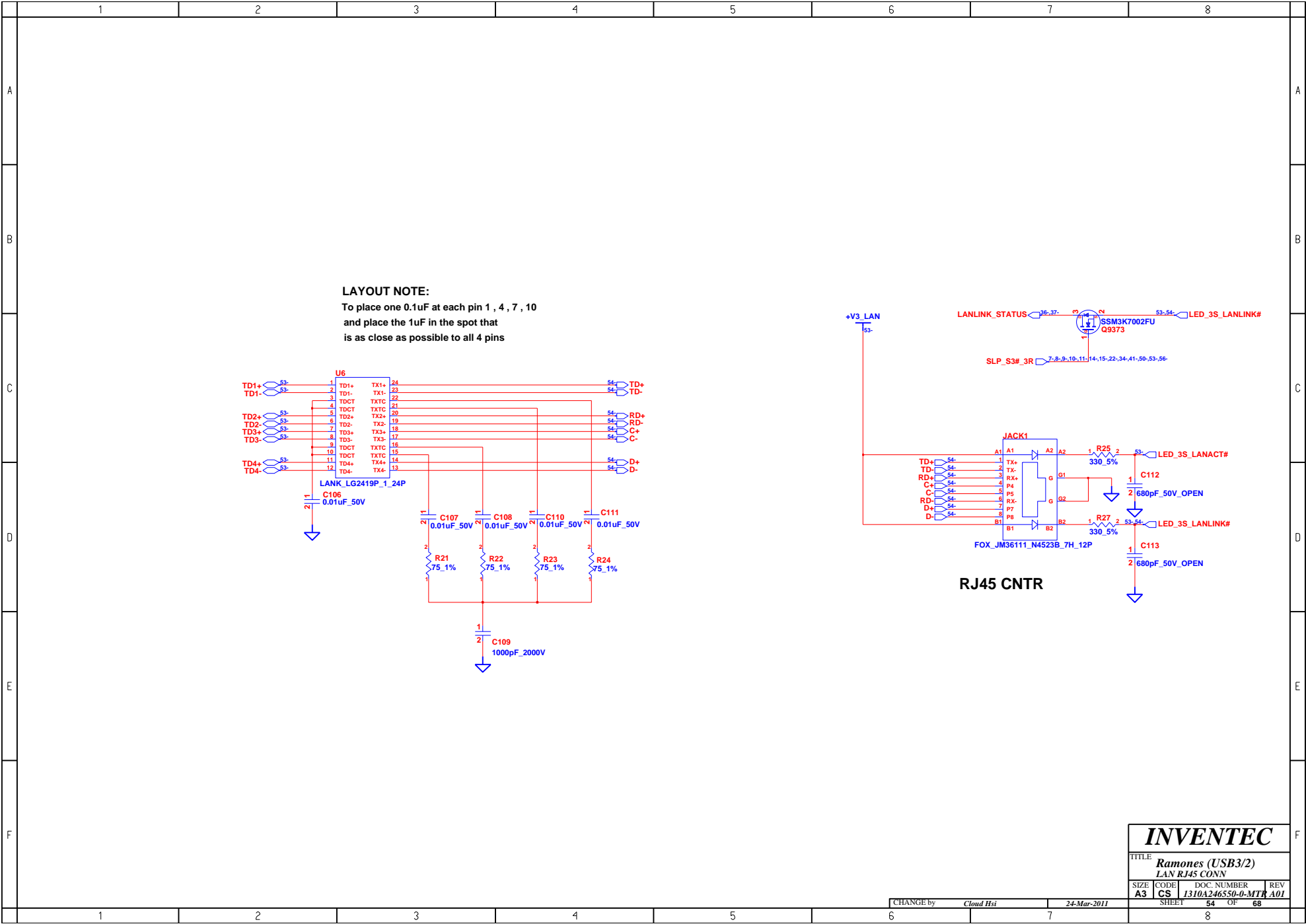


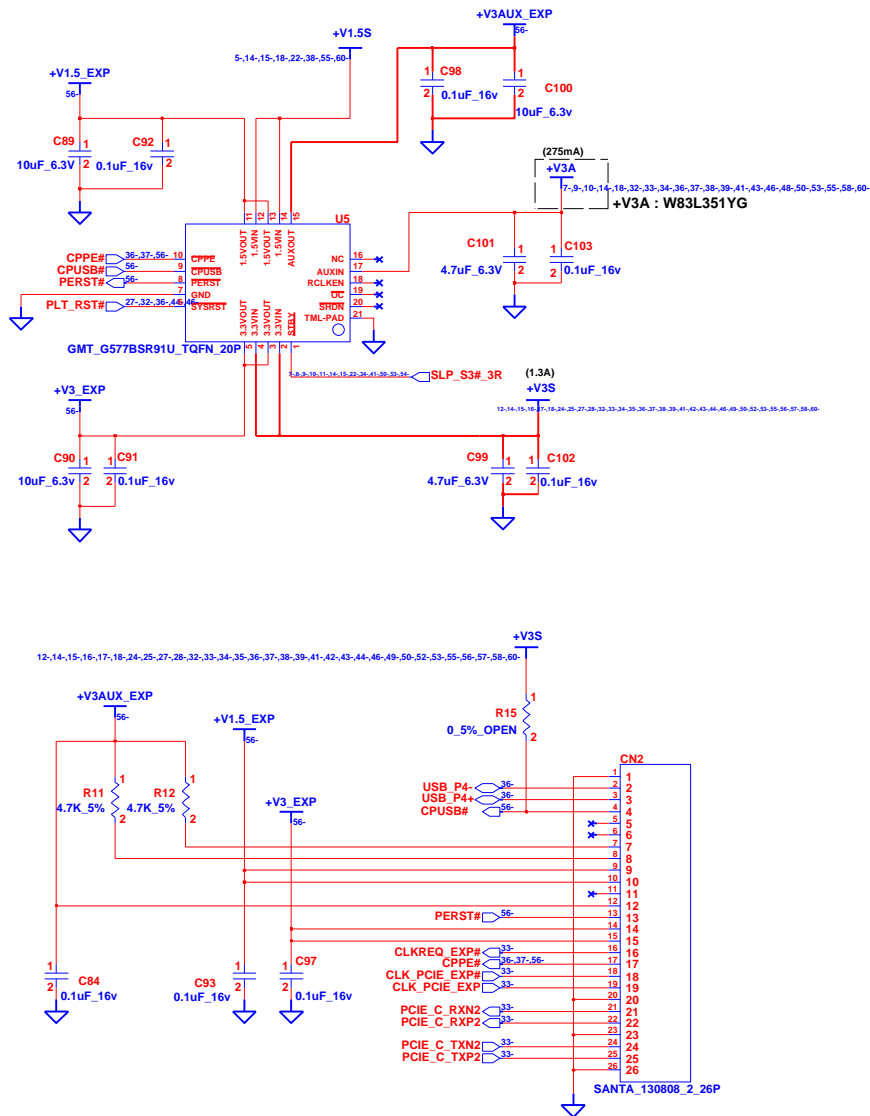
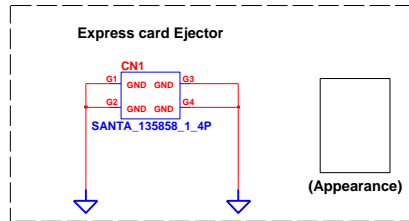
MDC CONN



INVENTEC			
TITLE: Ramones (USB3/2)			
MDC			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A246550-0-MTR	REV: A01
CHANGE by: Cloud Hsi		24-Mar-2011	
SHEET: 52		OF: 68	

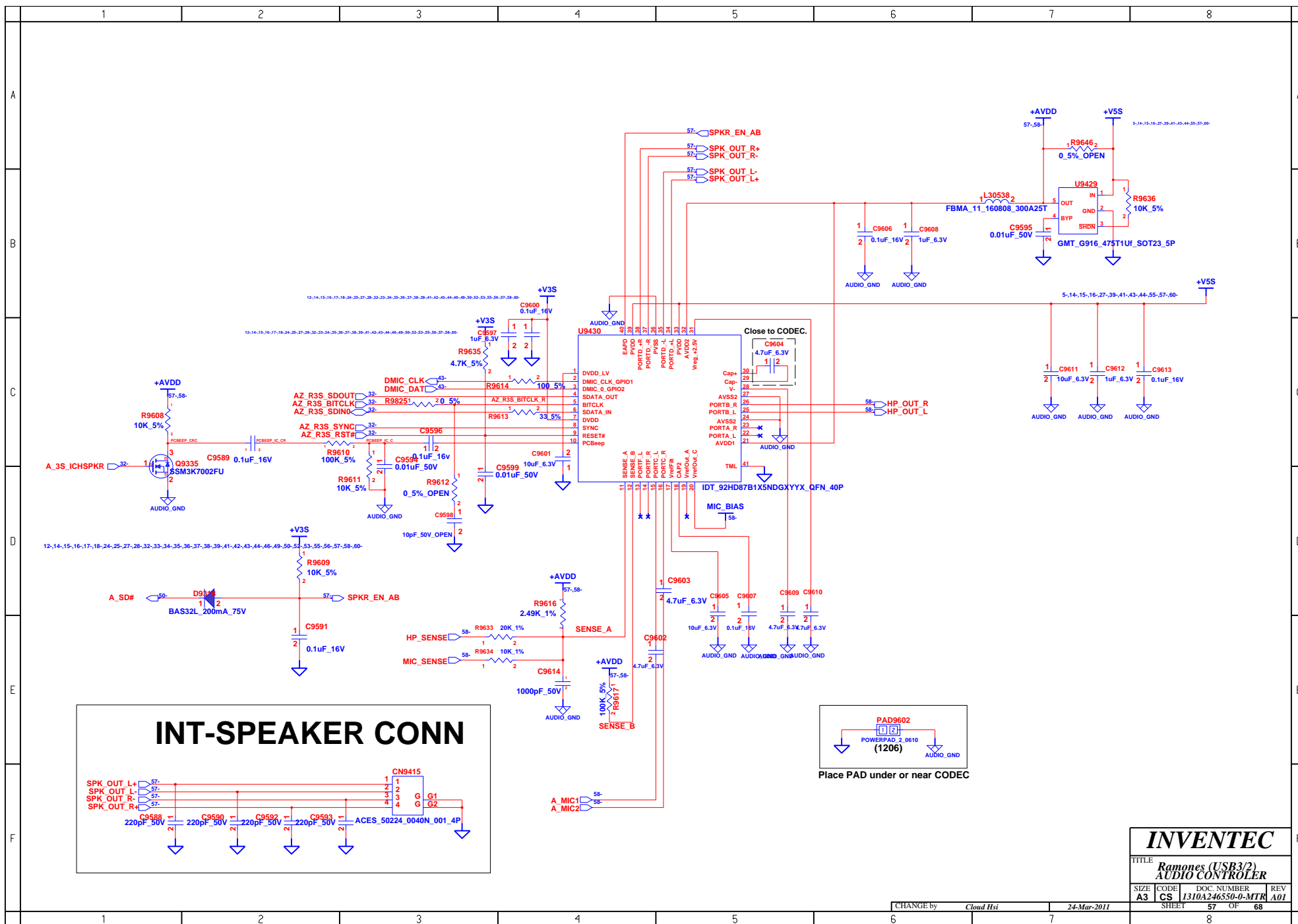


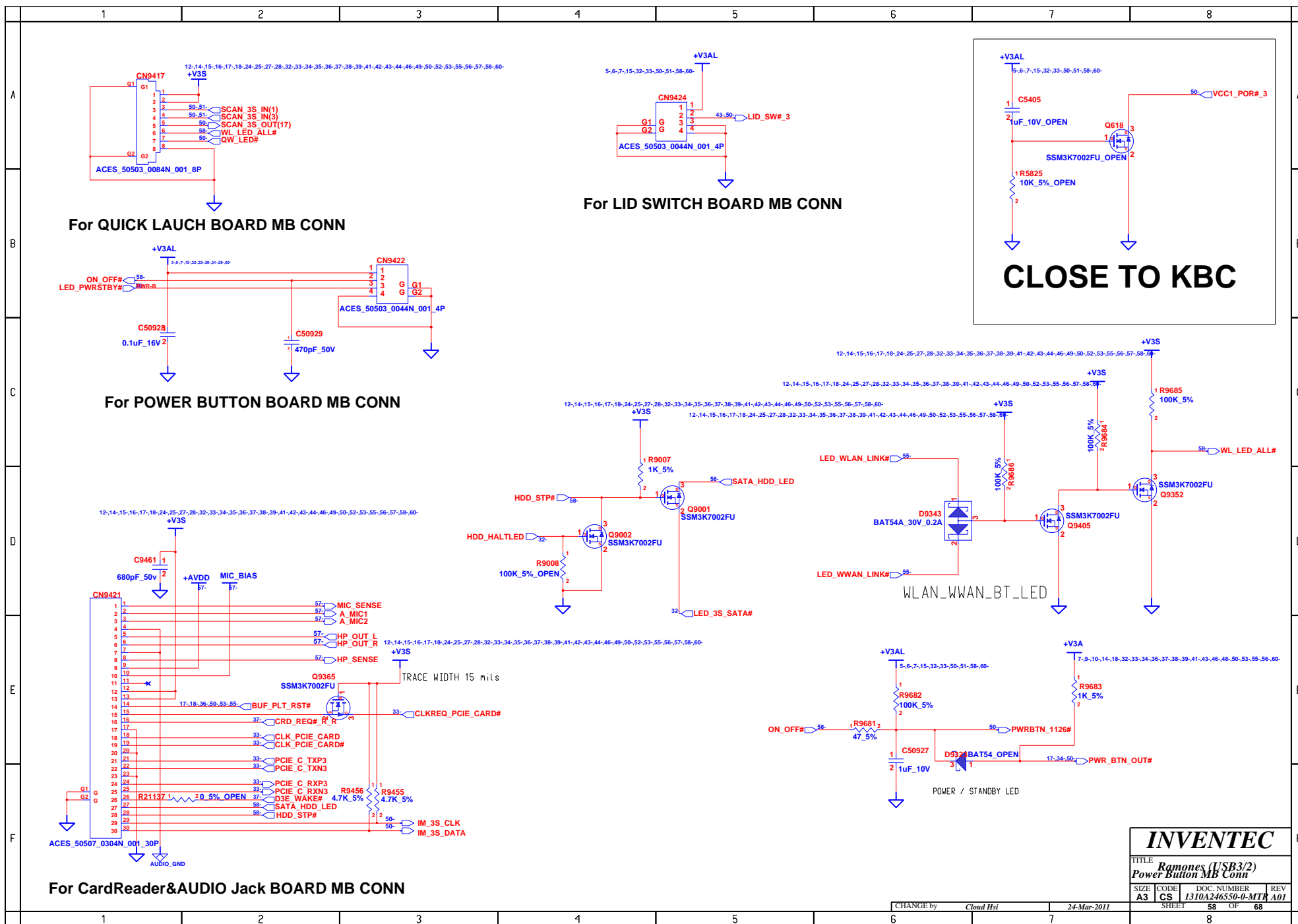


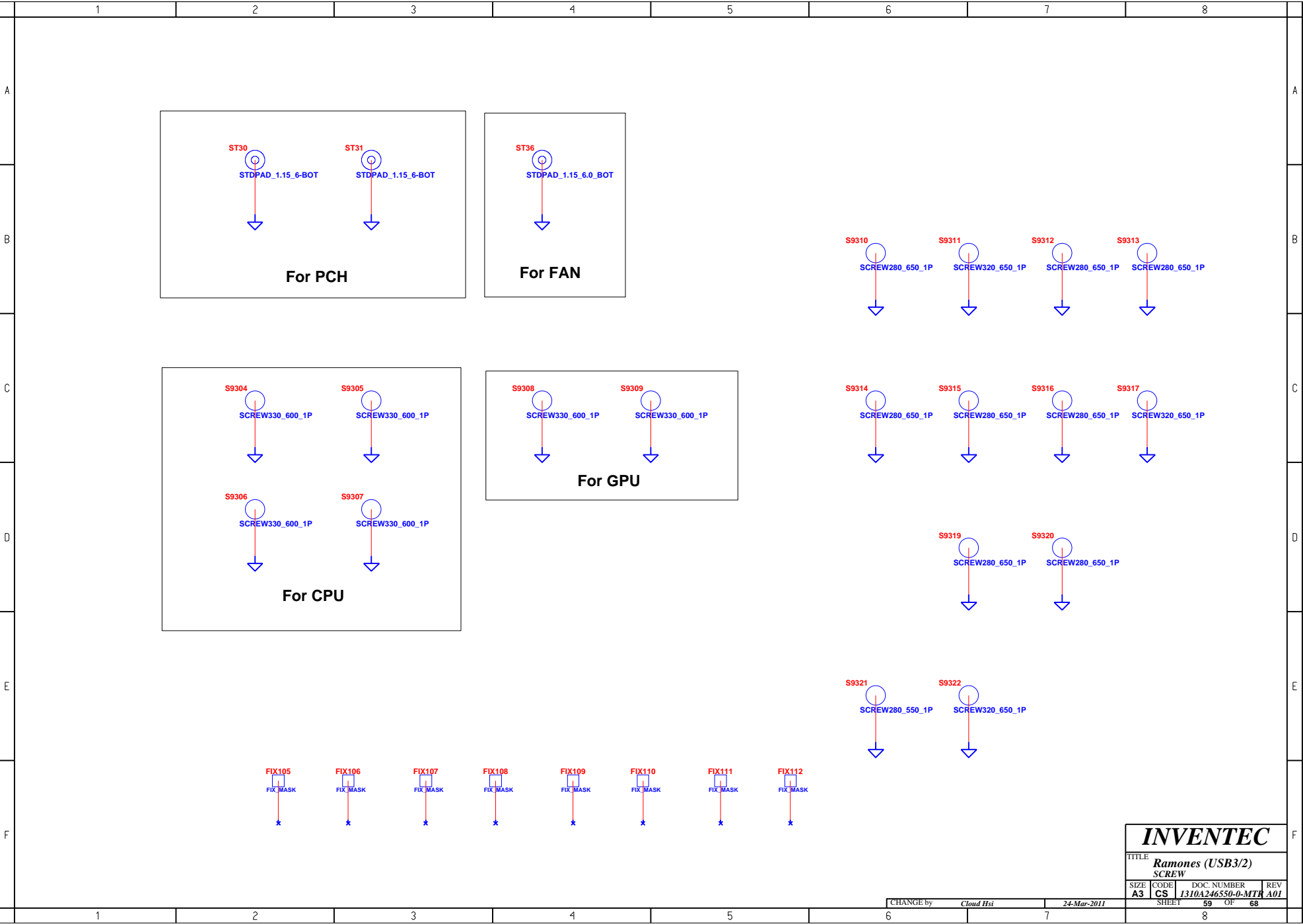


Express card

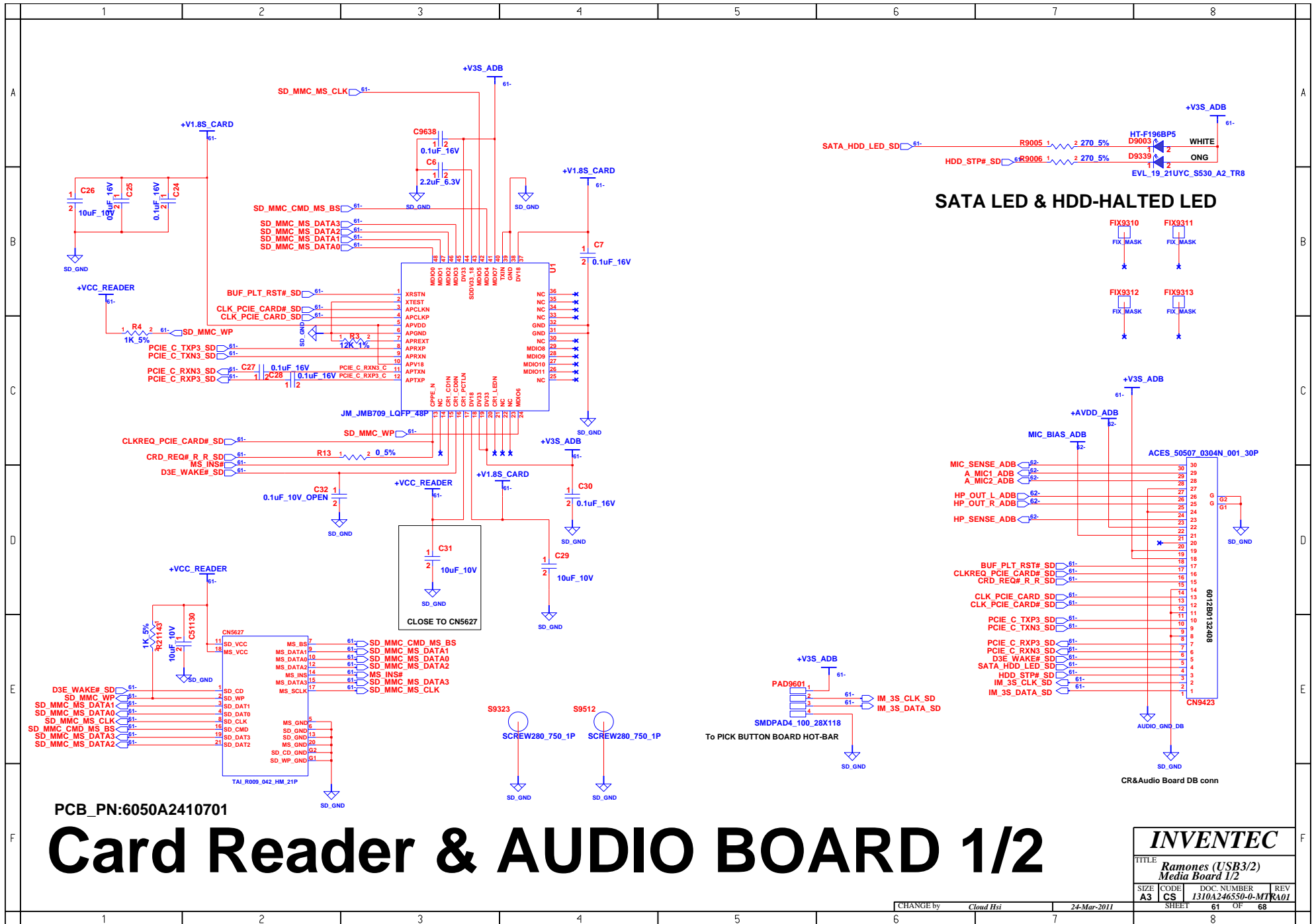
INVENTEC			
TITLE Ramones (USB3/2) Express Card			
SIZE A3	CODE CS	DOC NUMBER 1310A246550-0-MTA	REV A01
CHANGE by Cloud Hsi		24-Mar-2011	
SHEET 56		OF 68	

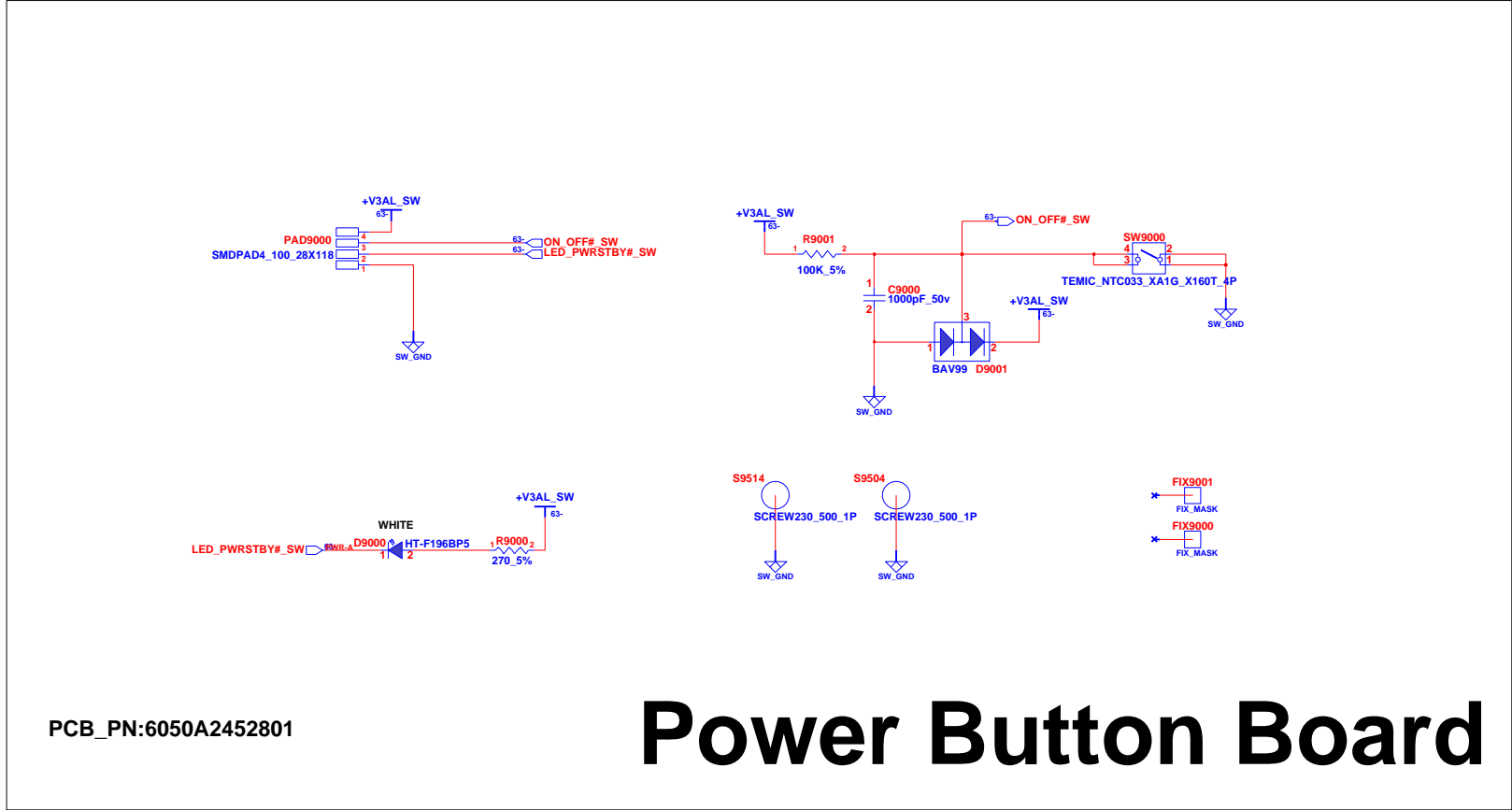






INVENTEC			
TITLE Ramones (USB3/2) SCREW			
SIZE A3	CODE CS	DOC. NUMBER 1310A246550-0-MTR	REV A01
CHANGE by Cloud Hsi		24-Mar-2011	
SHEET 59		OF 68	





PCB_PN:6050A2452801

Power Button Board

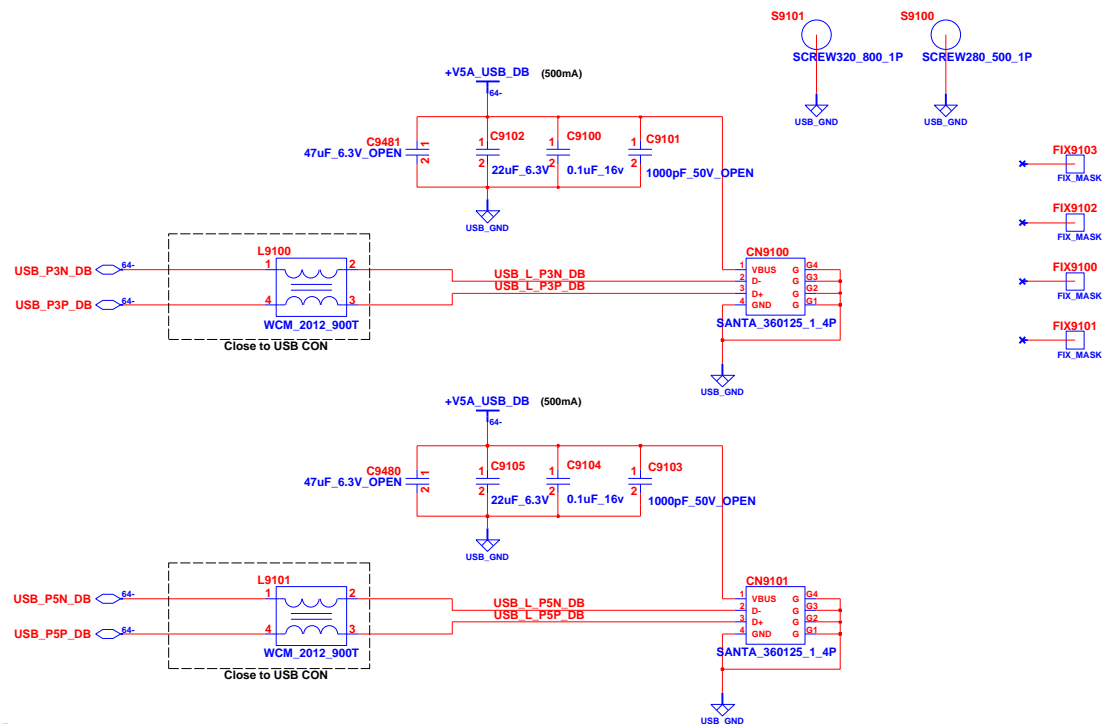
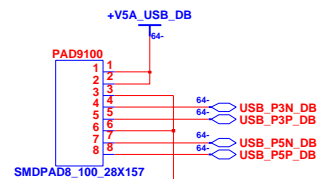
INVENTEC

TITLE
**Ramones (USB3/2)
Power Button Board**

SIZE A3	CODE CS	DOC. NUMBER 1310A246550-0-MTR	REV A01
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CHANGE by *Cloud Hsi* 24-Mar-2011

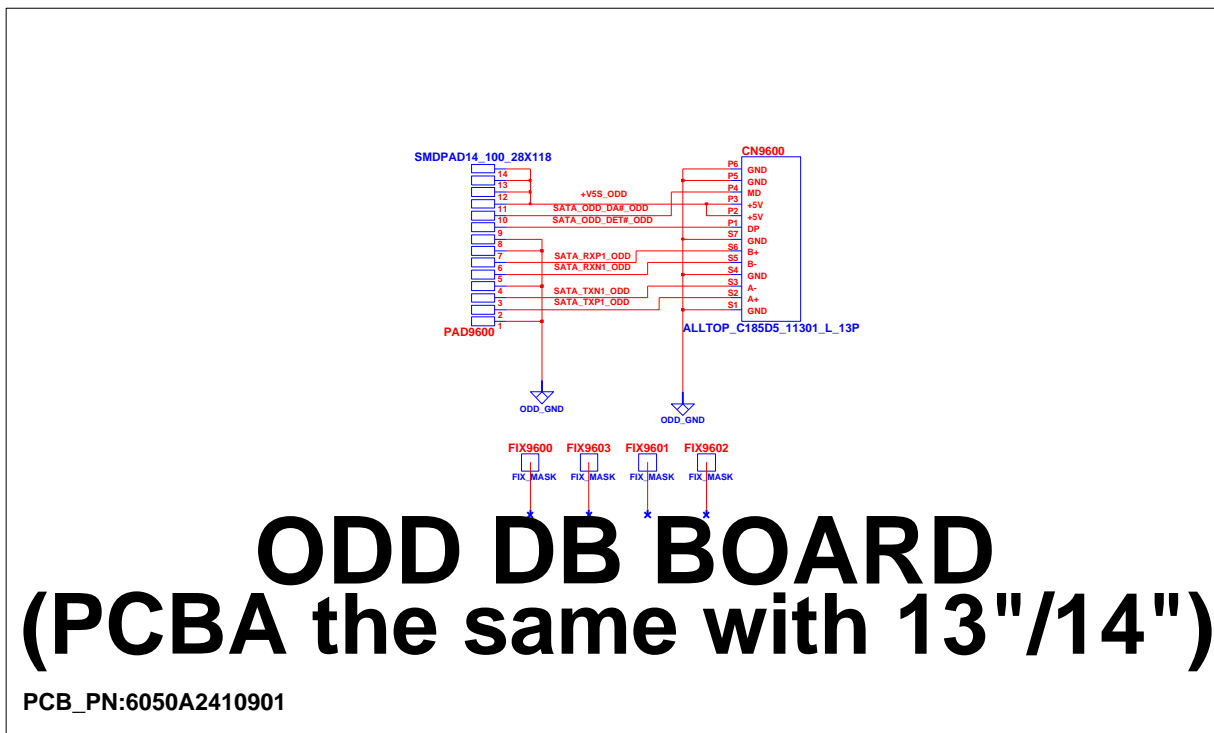
SHEET 63 OF 68



USB Right Side Board (PCBA the same w/ 13"/14")

PCB_PN:6050A2411401

INVENTEC			
TITLE: Ramones (USB3/2) USB RIGHT SIDE DB BOARD			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A246550-0-MTR	REV: A01
CHANGE by: <i>Cloud Hsi</i>		24-Mar-2011	
SHEET: 64		OF: 68	



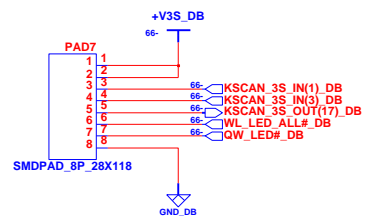
ODD DB BOARD
(PCBA the same with 13"/14")
PCB_PN:6050A2410901

INVENTEC			
TITLE			
Ramones (USB3/2)			
ODD Board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTA	A01
SHEET		65	OF 68

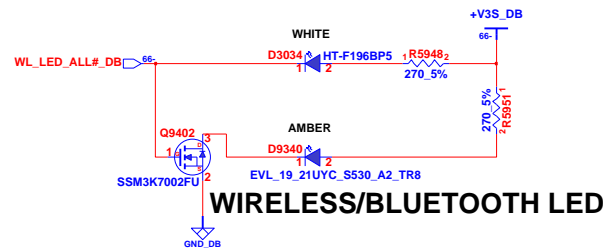
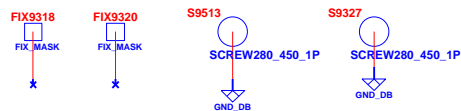
CHANGE by	Cloud Hsi	24-Mar-2011
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Quick Launch Board

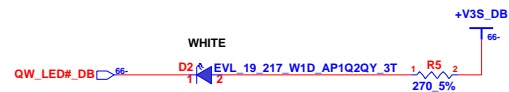
PCB_PN:6050A2410501



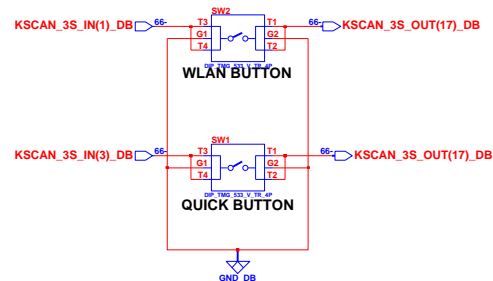
QUICK LAUCH BOARD DB CONN



WIRELESS/BLUETOOTH LED



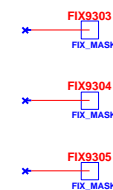
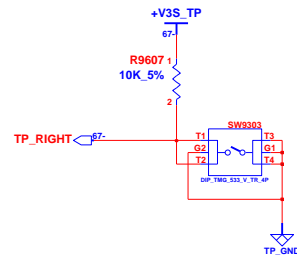
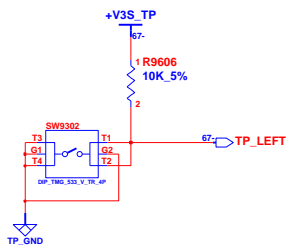
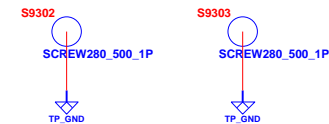
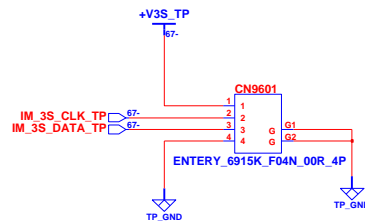
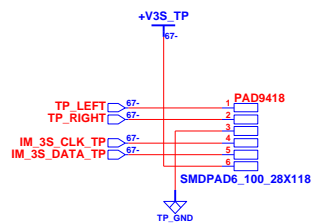
QUICK Lanch LED



INVENTEC

TITLE			
Ramones (USB3/2) QUICK LAUCH BOARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01
SHEET		66	OF 68

CHANGE by Cloud Hsi 24-Mar-2011



LEFT BUTTON

RIGHT BUTTON

PICK Button Board

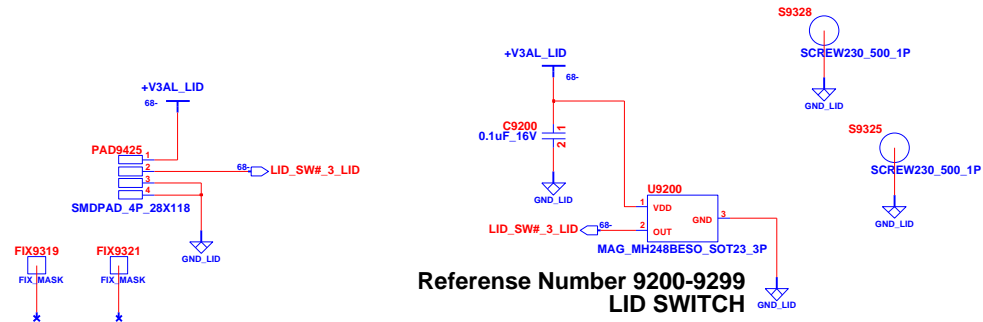
PCB_PN:6050A2410601

INVENTEC			
TITLE: <i>Ramones (USB3/2) Pick Button Board</i>			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A246550-0-MTR	REV: A01
SHEET: 67		OF: 68	

CHANGE by: *Cloud Hsi* 24-Mar-2011

LID SWITCH BOARD Board

PCB_PN:6050A2414801



INVENTEC

TITLE			
Ramones (USB3/2) LID Switch Board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A246550-0-MTR	A01
SHEET		68	OF 68

CHANGE by Cloud Hsi 24-Mar-2011