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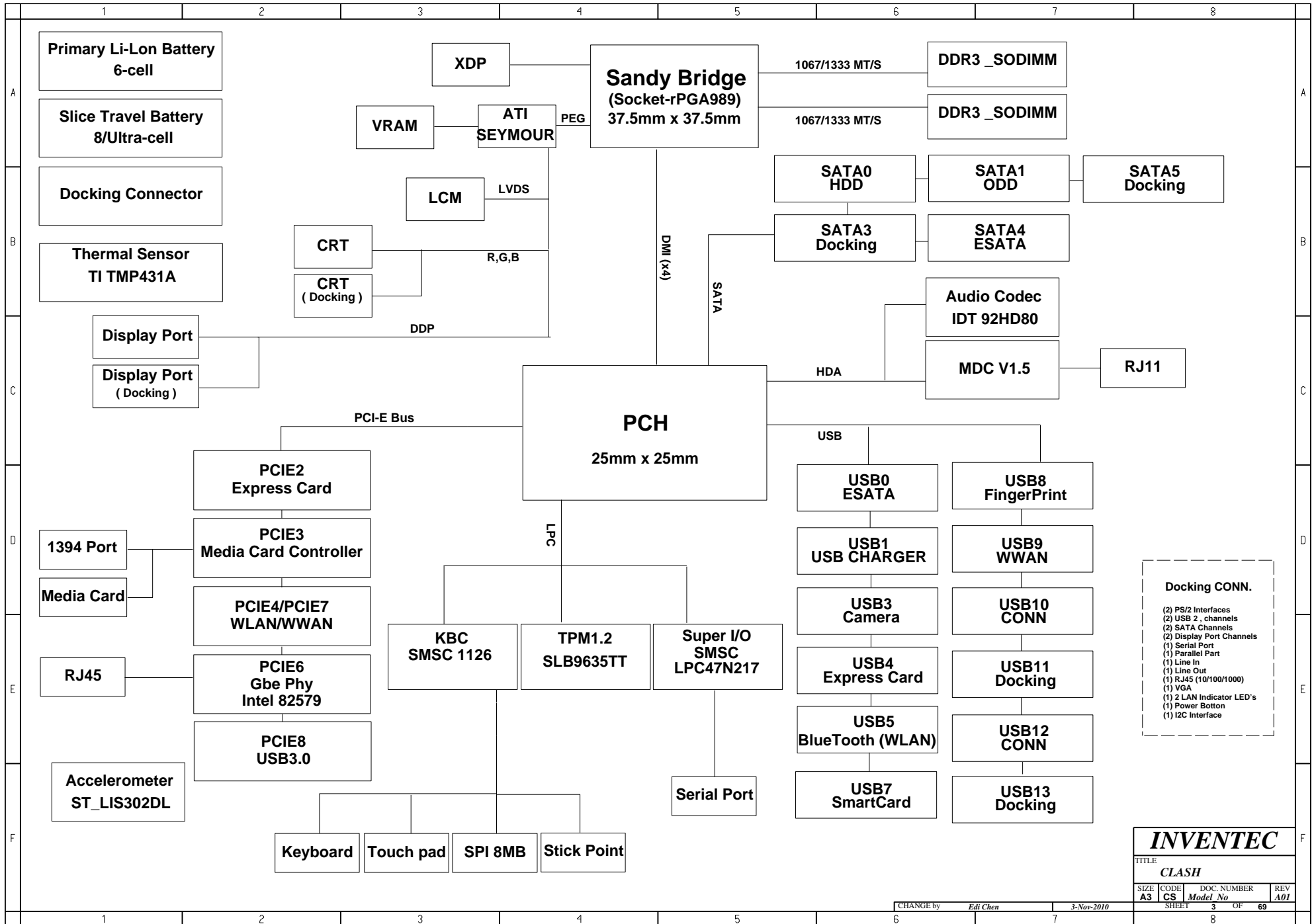
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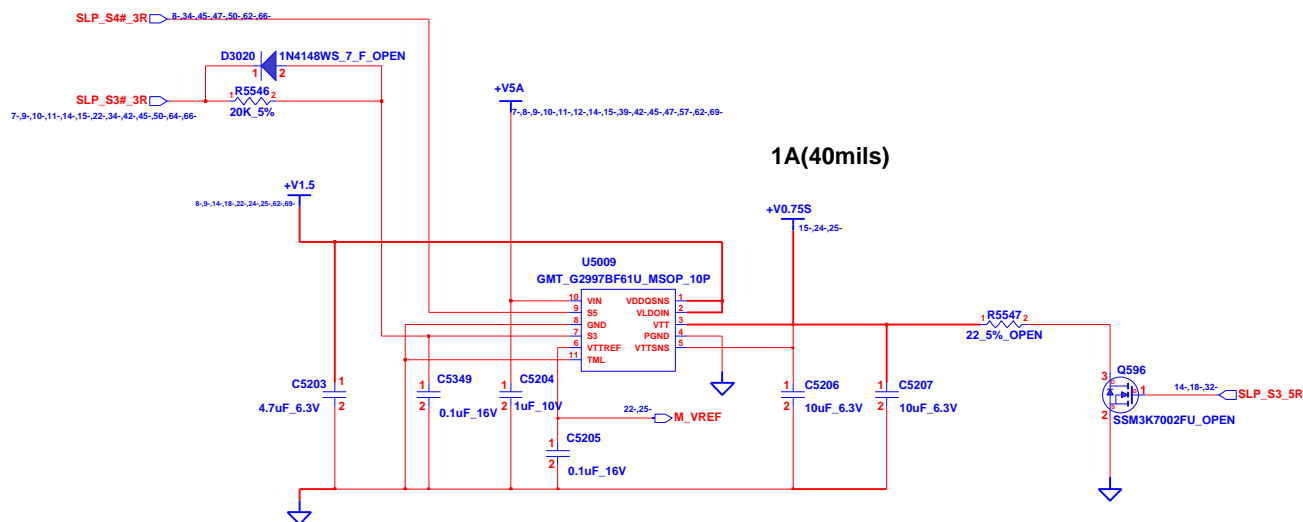
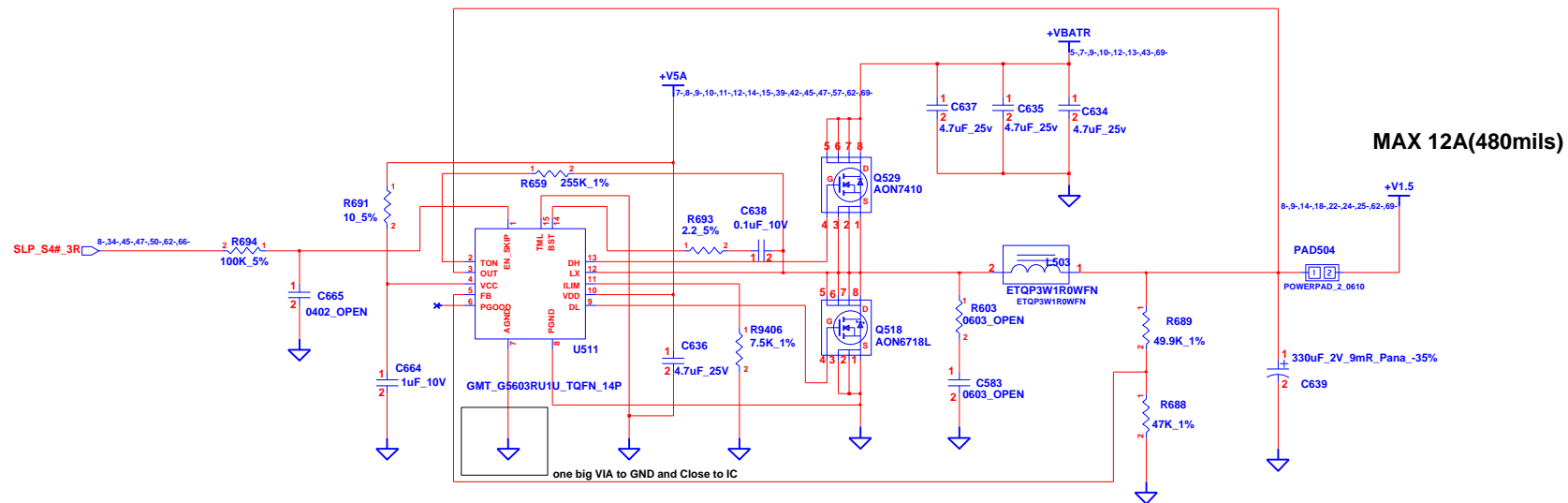
5- DC& BATTERY CHARGER	32- PCH1	61- SMART CARD
6- SELECT & BATTERY CONN	33- PCH2	62- EXPRESS CARD
7- SYSTEM POWER(+V3A/+V5A)	34- PCH3	63- EXPRESS CARD
8- SYSTEM POWER(+V1.5/+V0.75/M_REF)	35- PCH4	64- AUDIO
9- G_POWER(+VDD_CORE/+V1.8S/TURBO)	36- PCH5	65- EXT MIC/MIC/HP
10- SYSTEM POWER(+VCCP/+V1.05M_LAN)	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

TITLE			
CLASH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
SHEET		2	OF 69

CHANGE by *Edi Chen* 4-Nov-2010

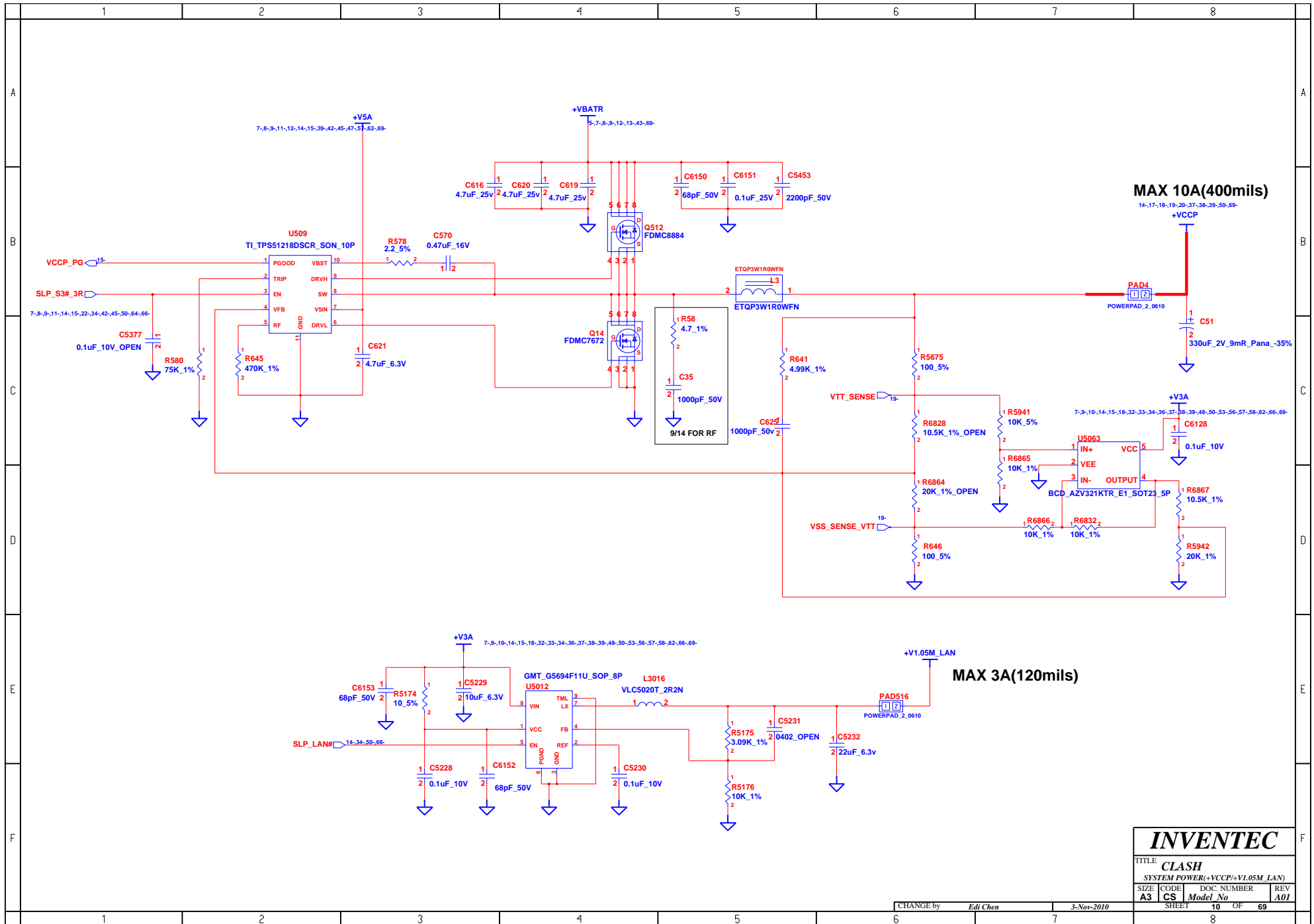




INVENTEC

TITLE CLASH			
SYSTEM POWER(+V1.5/MREF)			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET 8		OF 69	

CHANGE by *Edi Chen* 3-Nov-2010

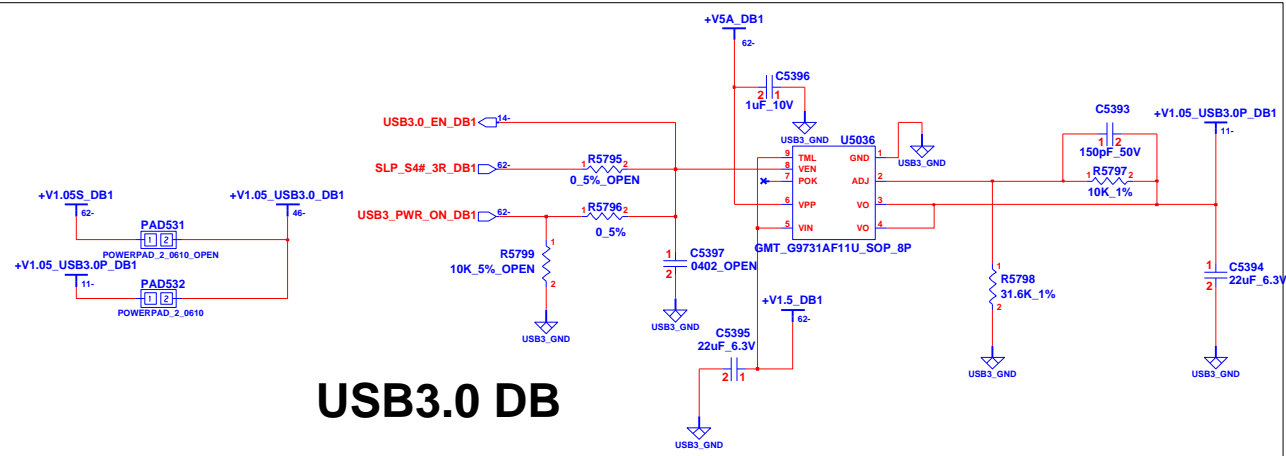
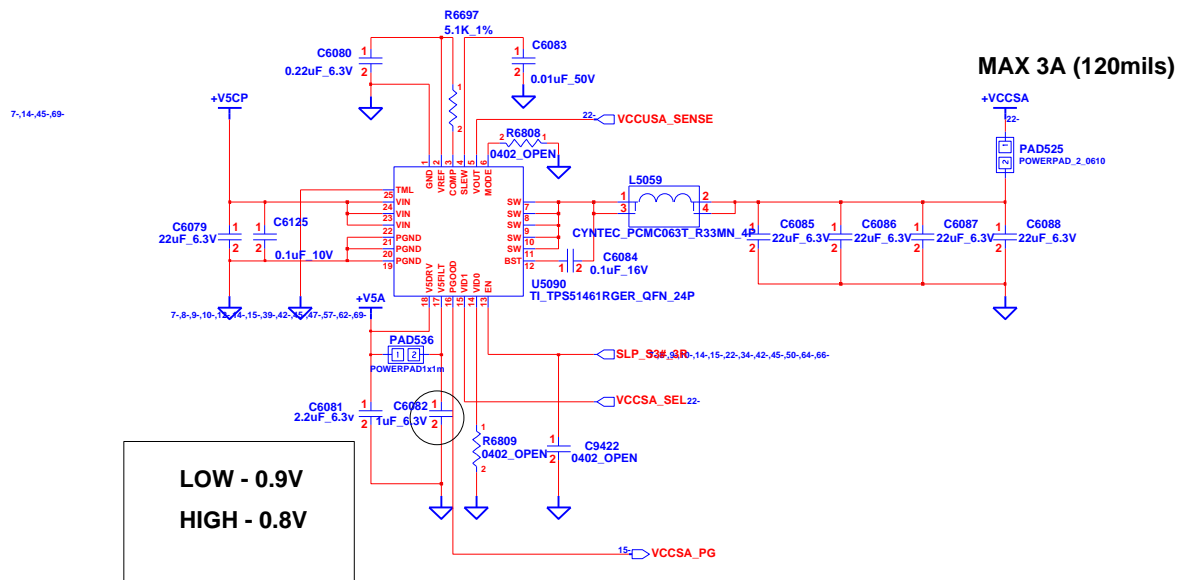


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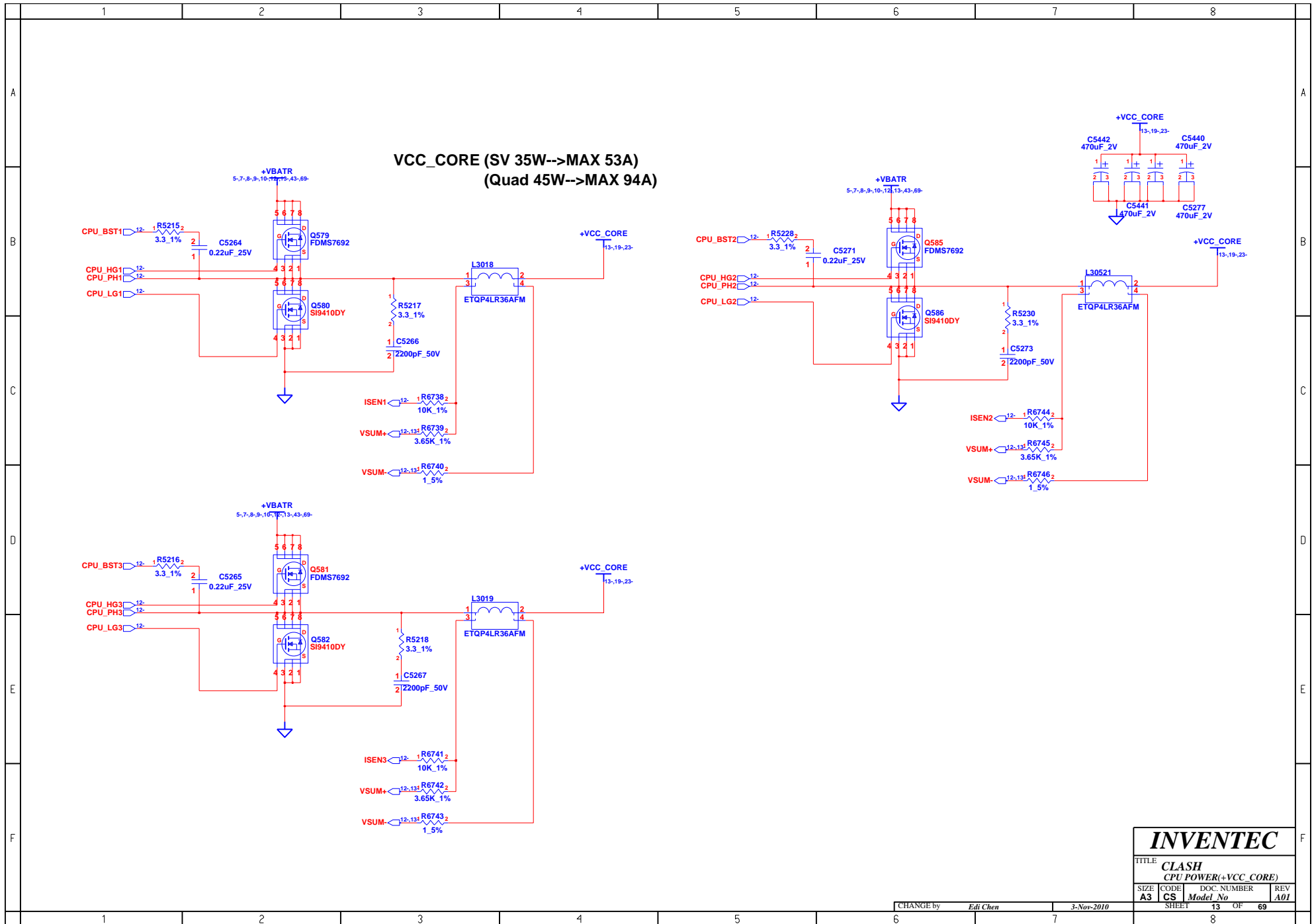
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CLASH			
SYSTEM POWER(+VCCP/+V1.05M_LAN)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

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

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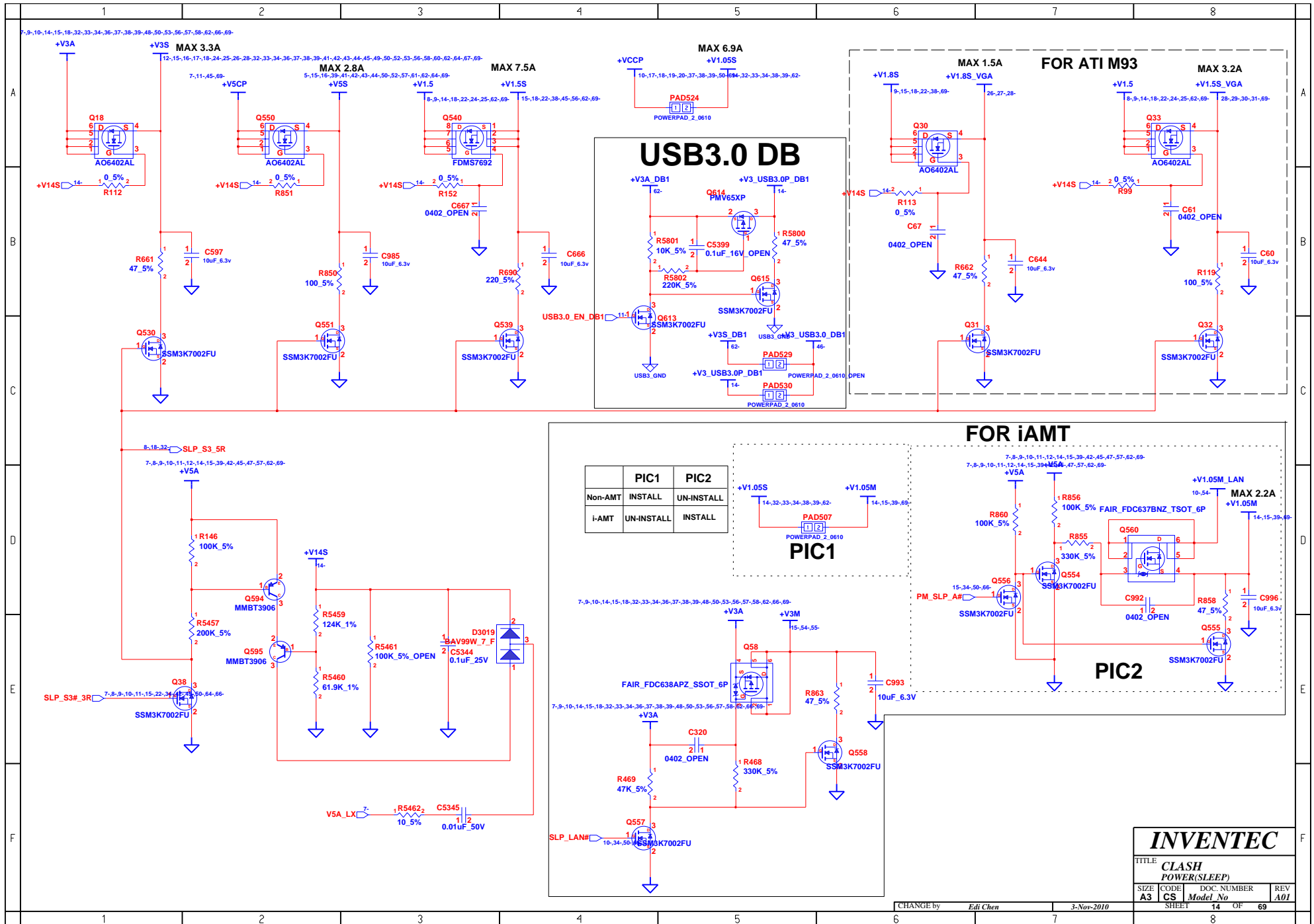
INVENTEC			
TITLE: CLASH			
CPU POWER(VCC_SA/V1.05_USB30)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
CHANGE by		Edi Chen	4-Nov-2010
SHEET		11	OF 69

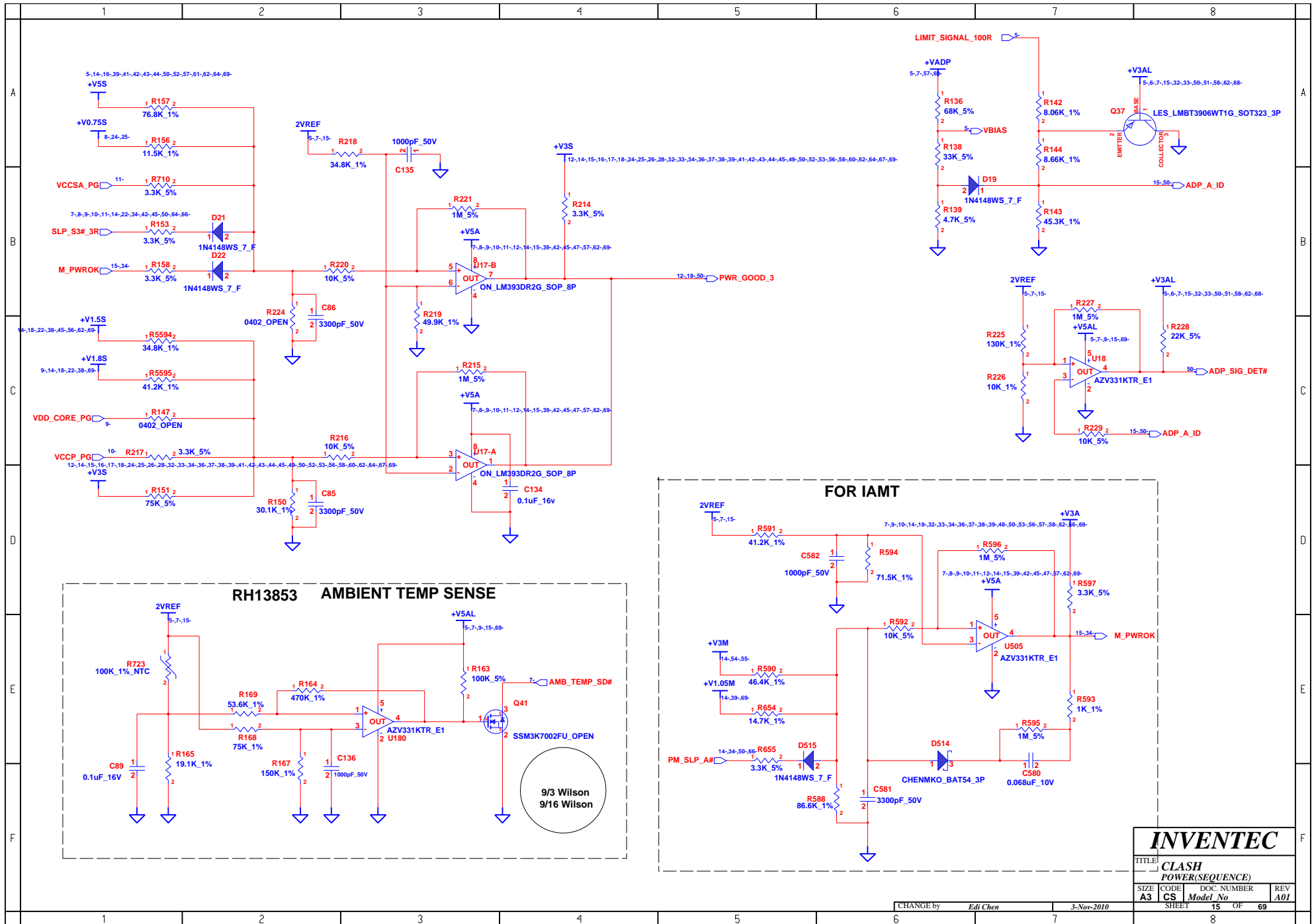


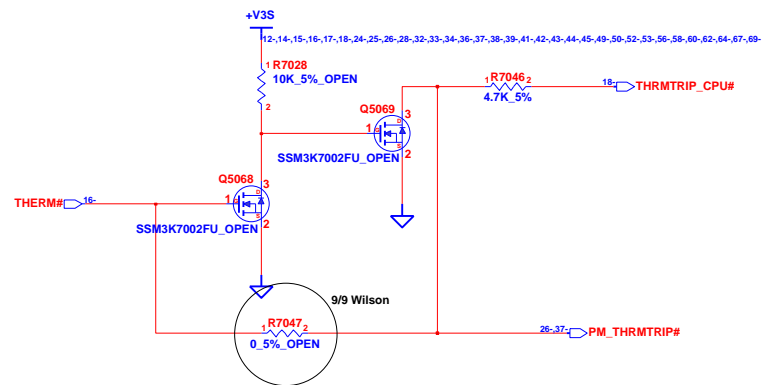
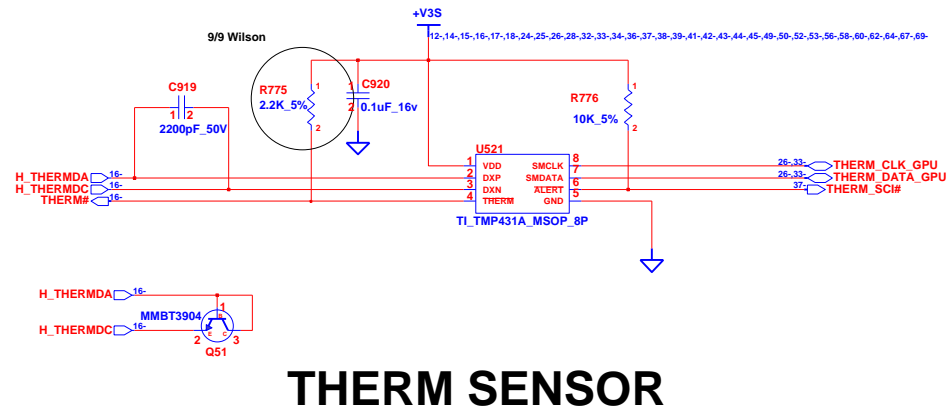
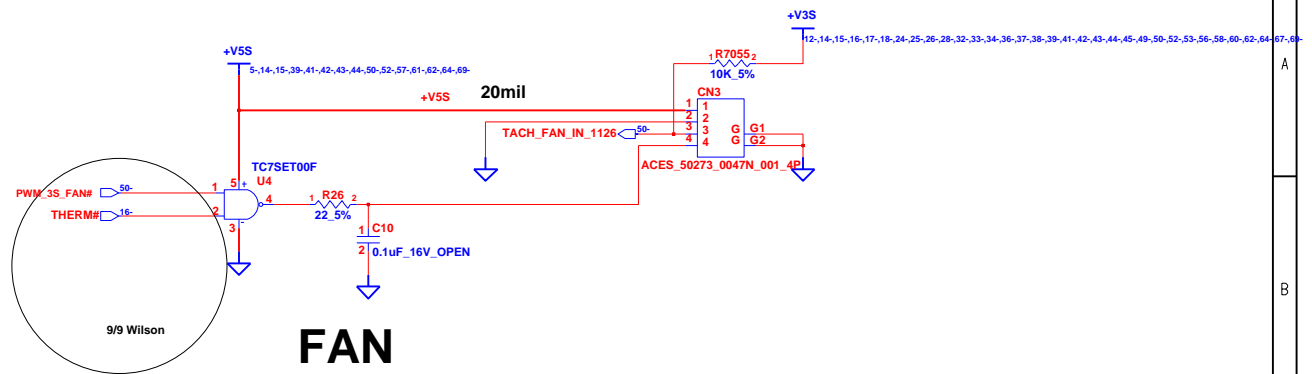
INVENTEC

TITLE: CLASH			
CPU POWER(+VCC_CORE)			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: A01
SHEET: 13		OF: 69	

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







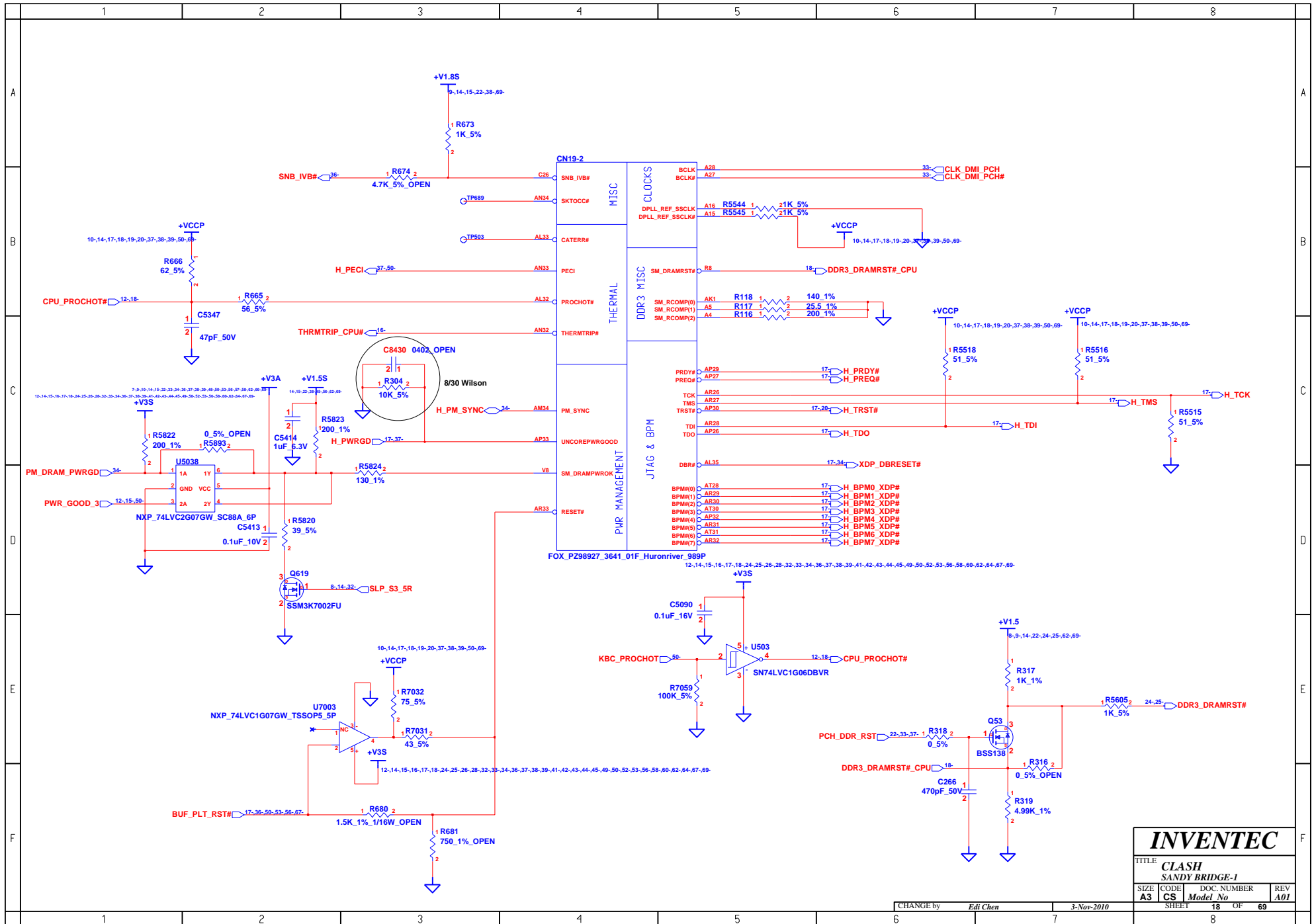
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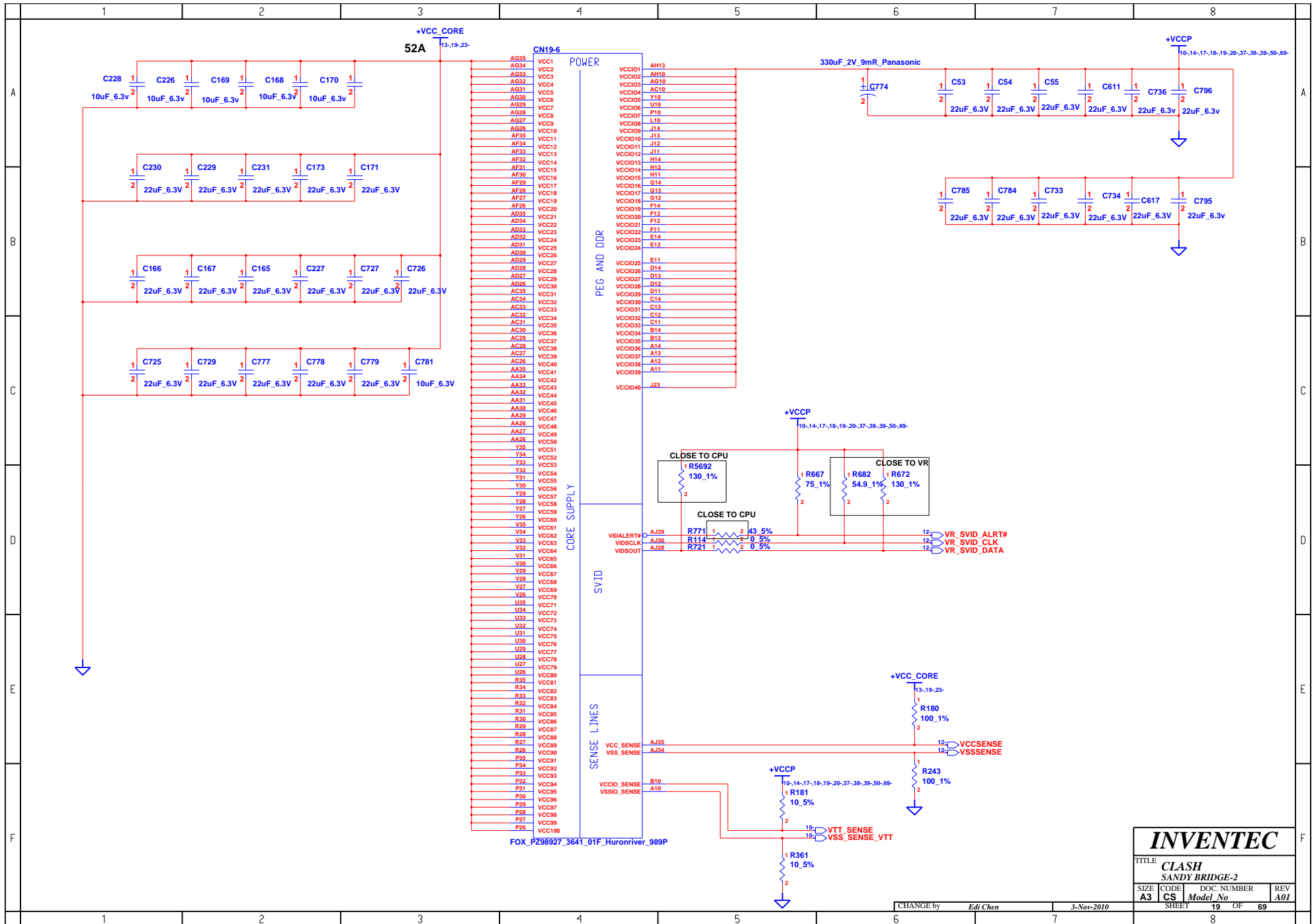
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THERMAL & FAN CONTROLLER

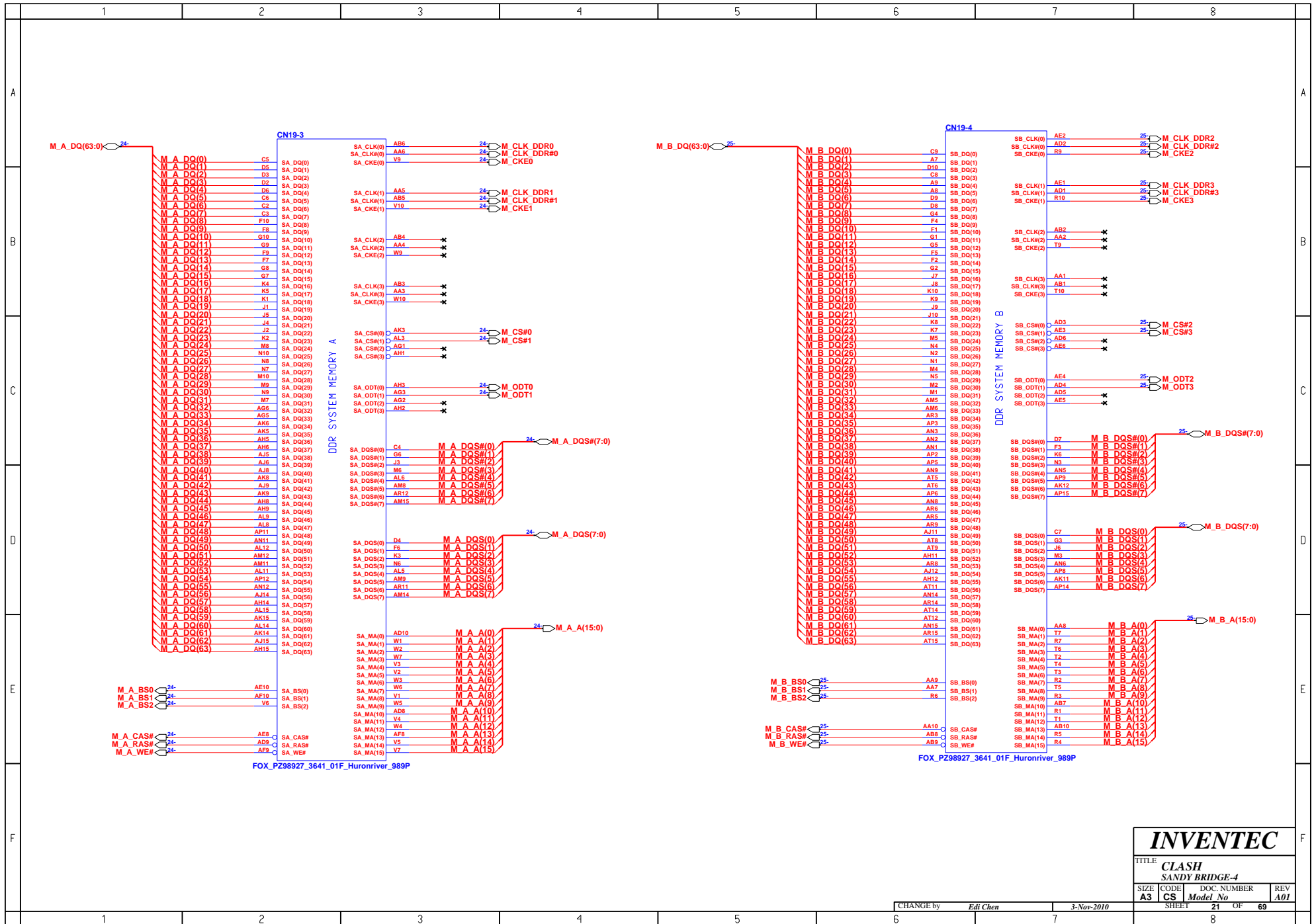
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CHANGE by **Edi Chen** 3-Nov-2010

SHEET **16** OF **69**







INVENTEC

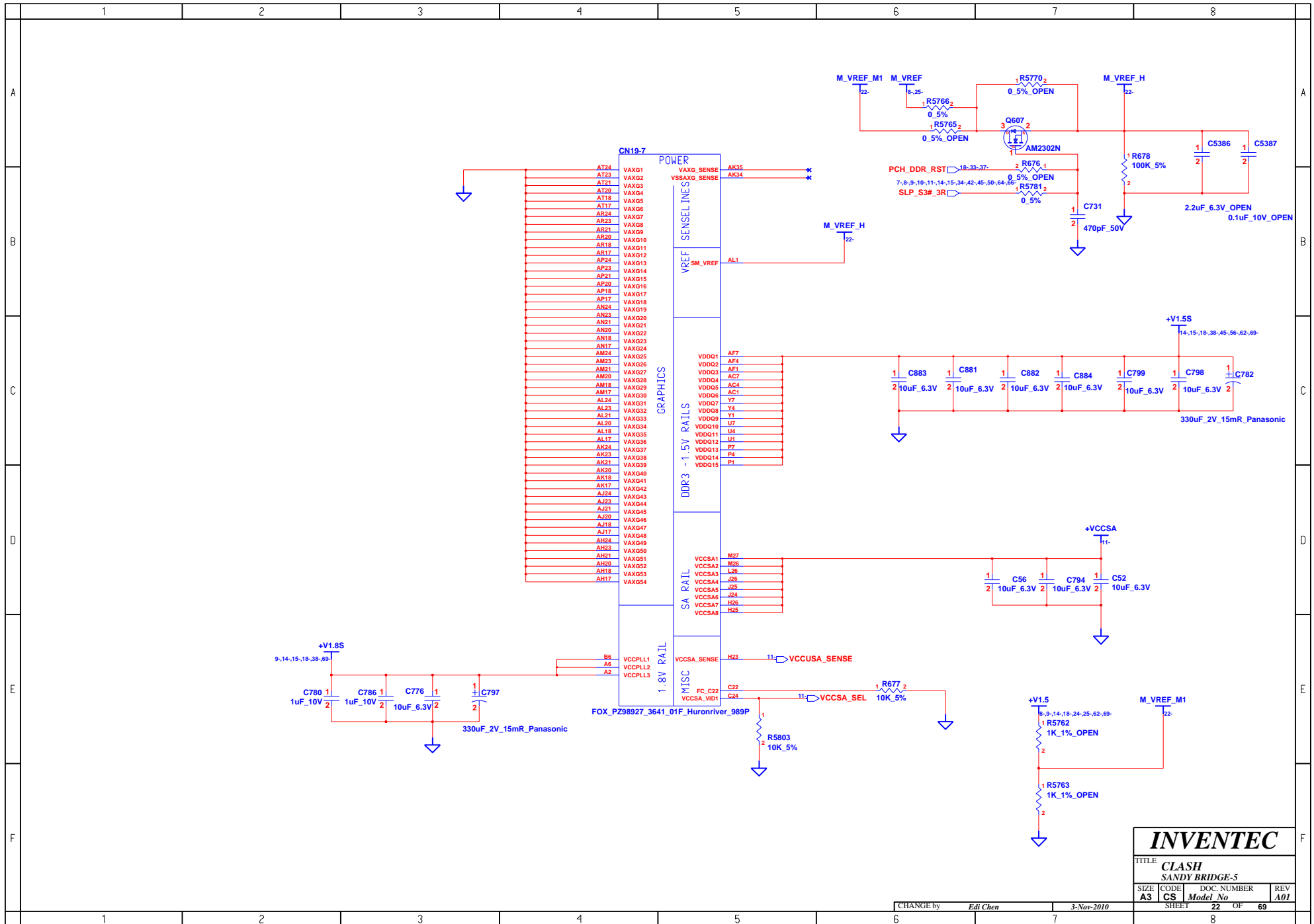
TITLE
CLASH
SANDY BRIDGE-4

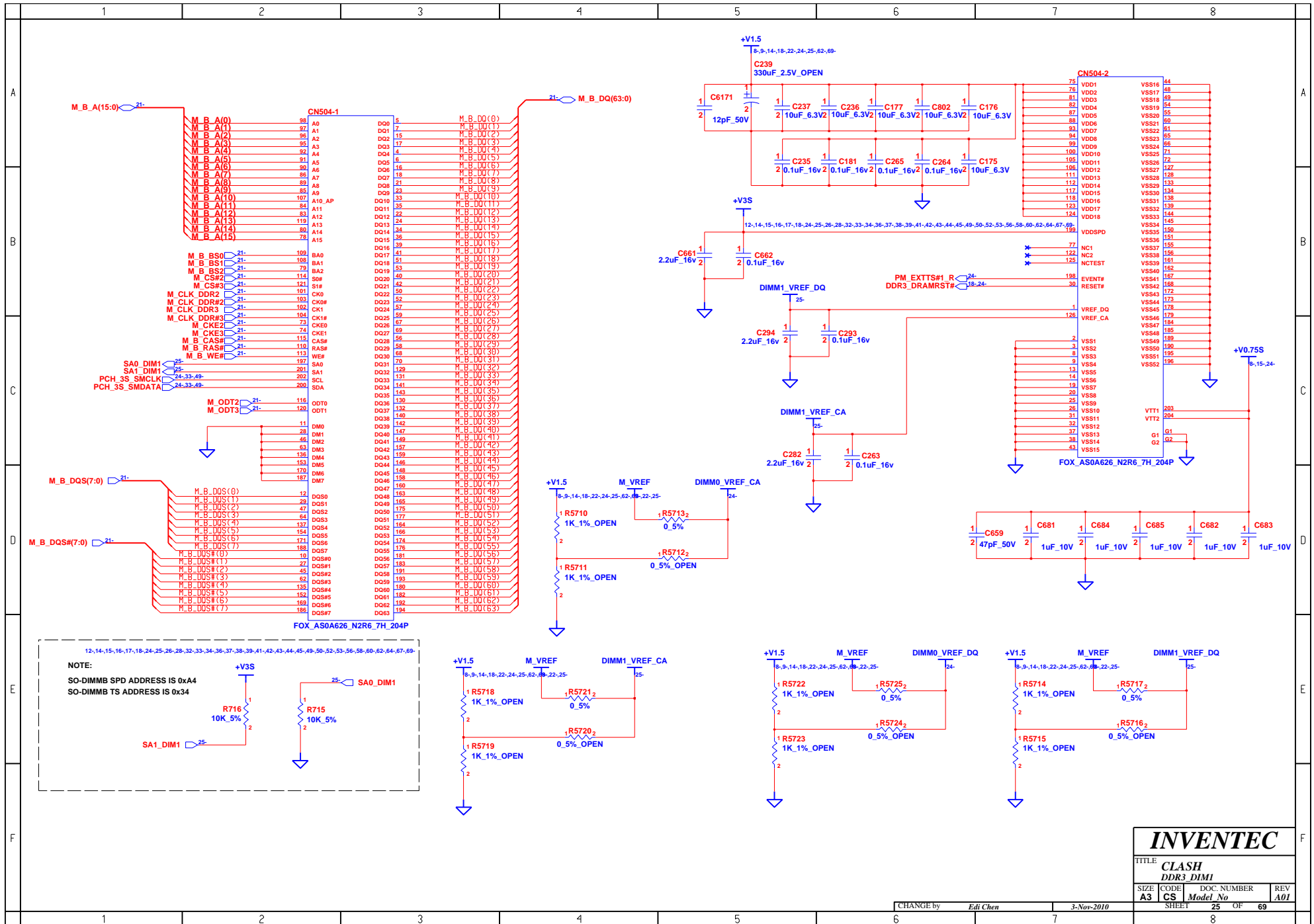
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by Edi Chen

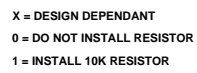
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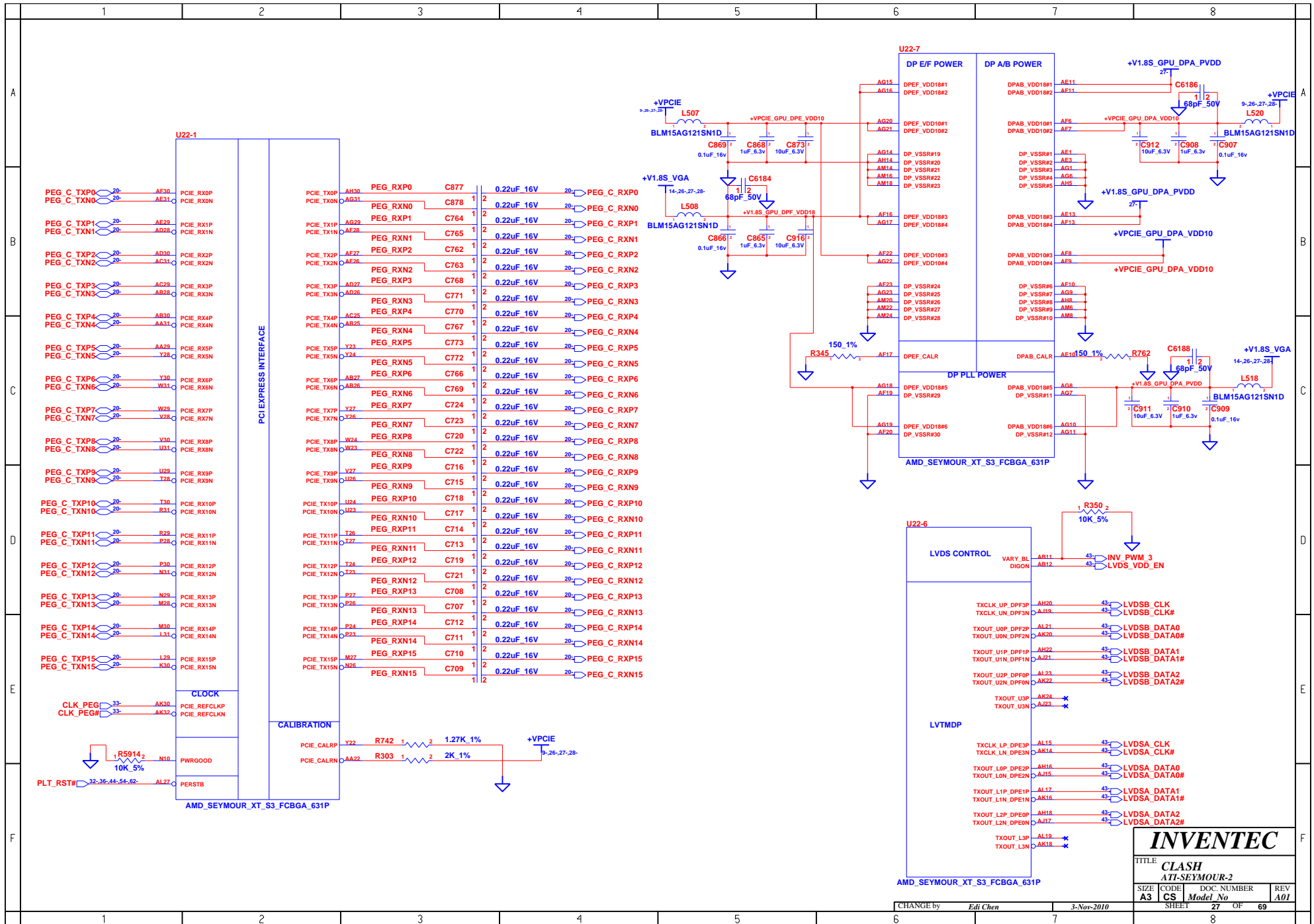
SHEET 21 OF 69

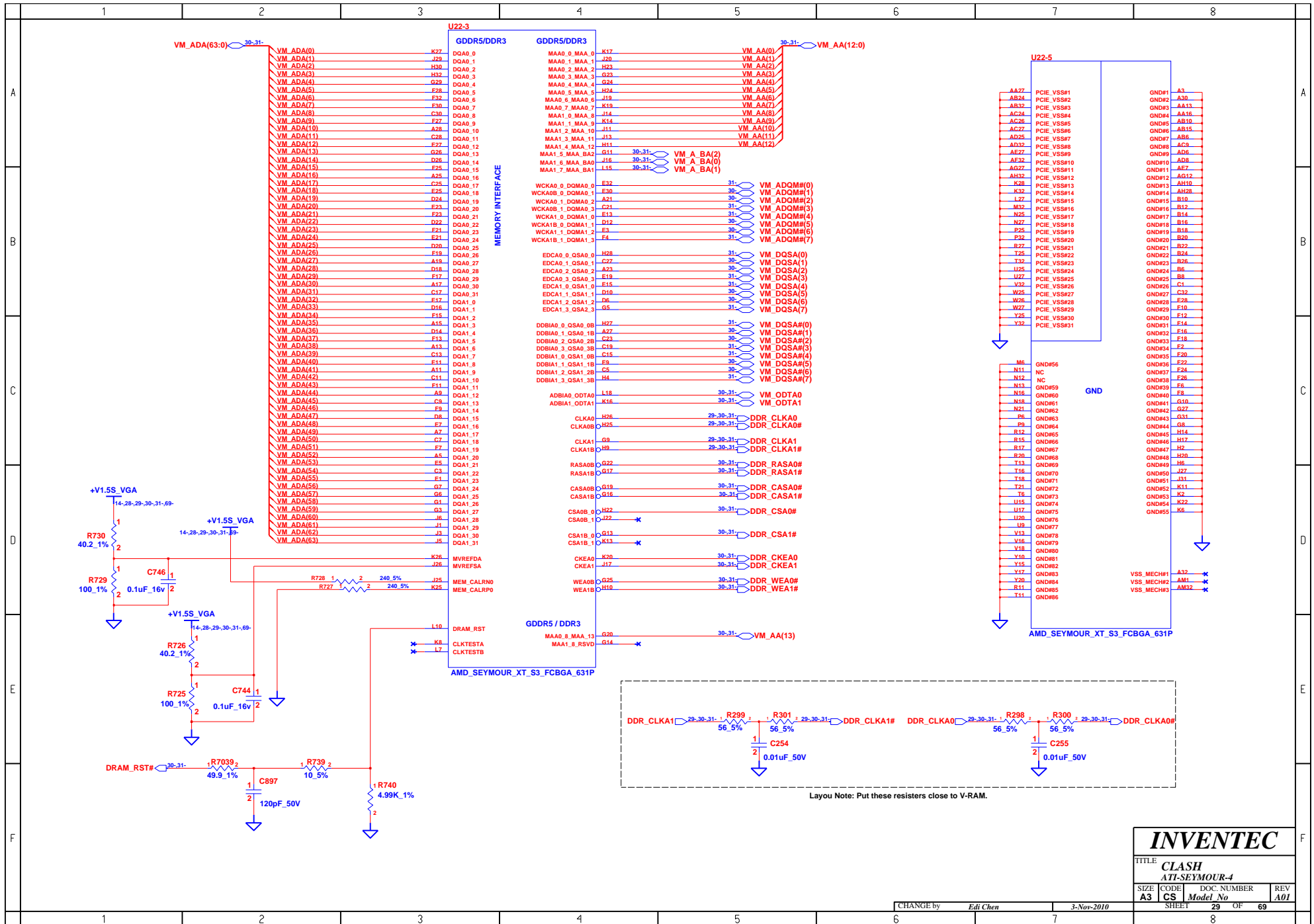


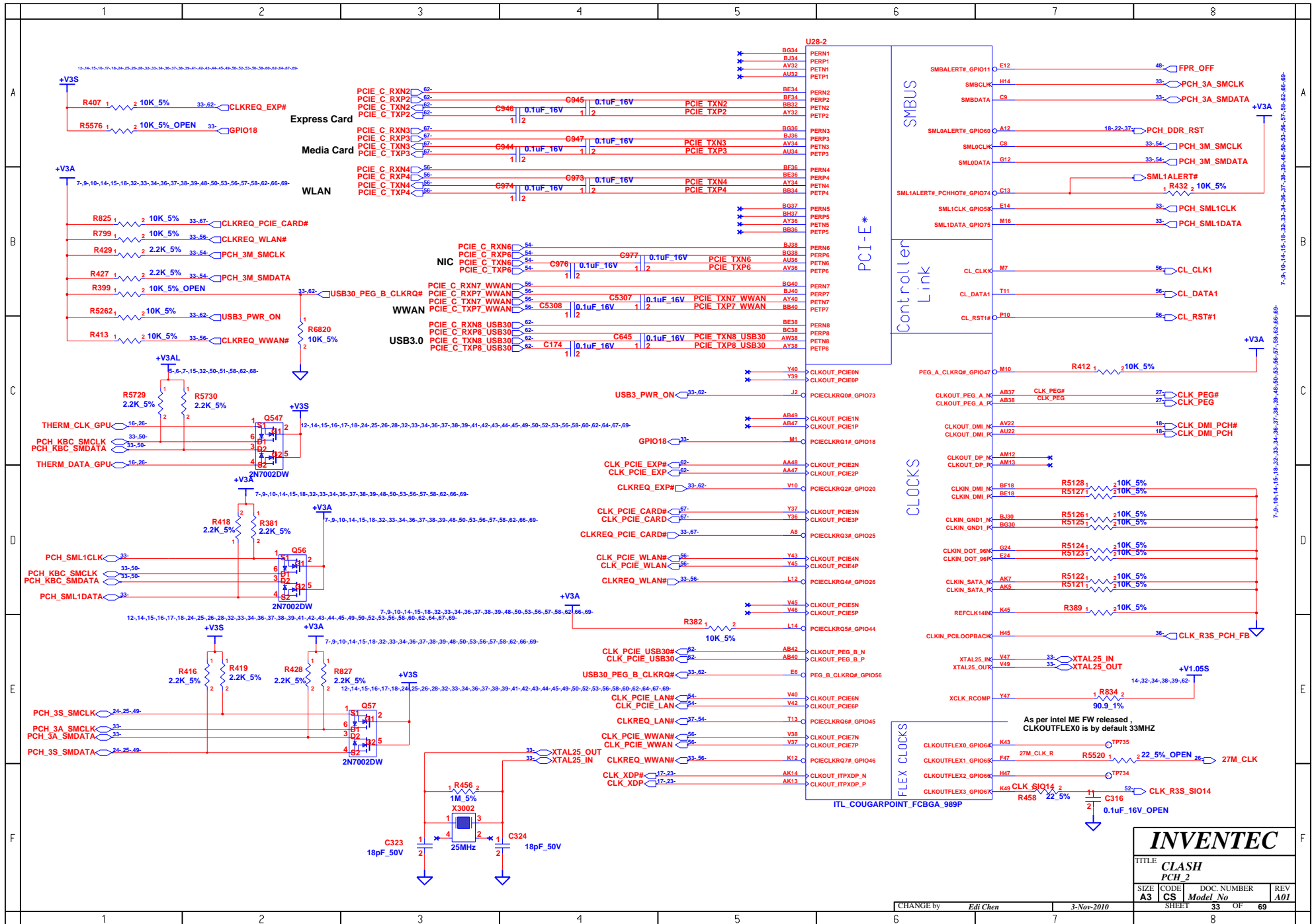


The schematic diagram illustrates the power plane for the BLM15AG121SN1D board. It shows the power distribution network for the +V1.8S_VGA and +V1.8S_V+PCIE rails. The +V1.8S_VGA rail is connected to the BLM15AG121SN1D component via a 14-26-27-28- pin connector. The +V1.8S_V+PCIE rail is connected to the BLM15AG121SN1D component via a 14-26-27-28- pin connector. The diagram includes components such as capacitors (C872, C871, C863, C856, C855, C5963, C5964, R5974, R736, R735), inductors (L521, L51, L5), and a 33pF capacitor (C3917). The diagram also shows the connection to the BLM15AG121SN1D component and the +V1.8S_V+PCIE rail.

CHANGE by *Edi Chen*



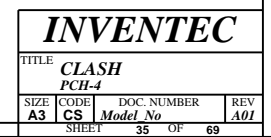


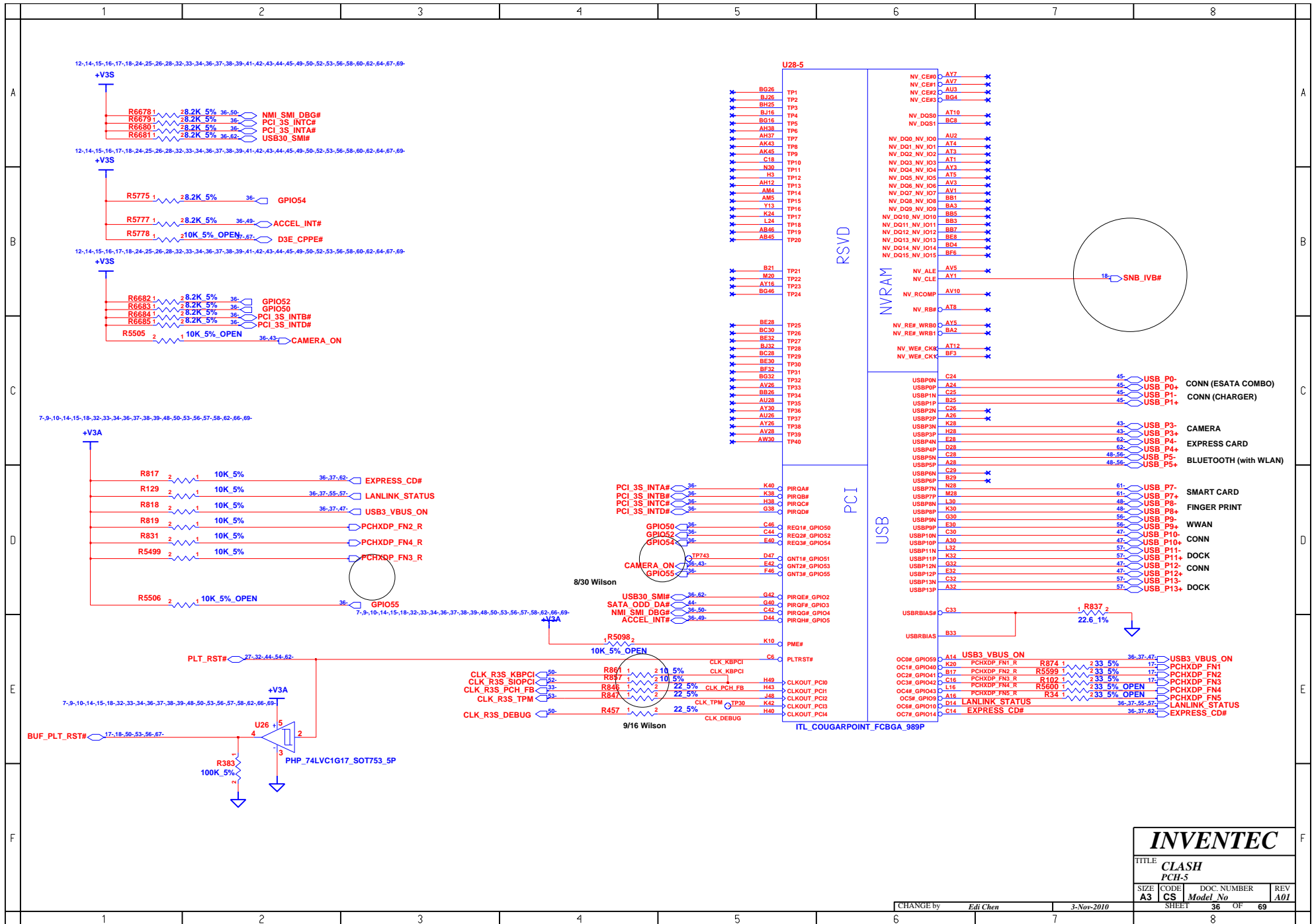


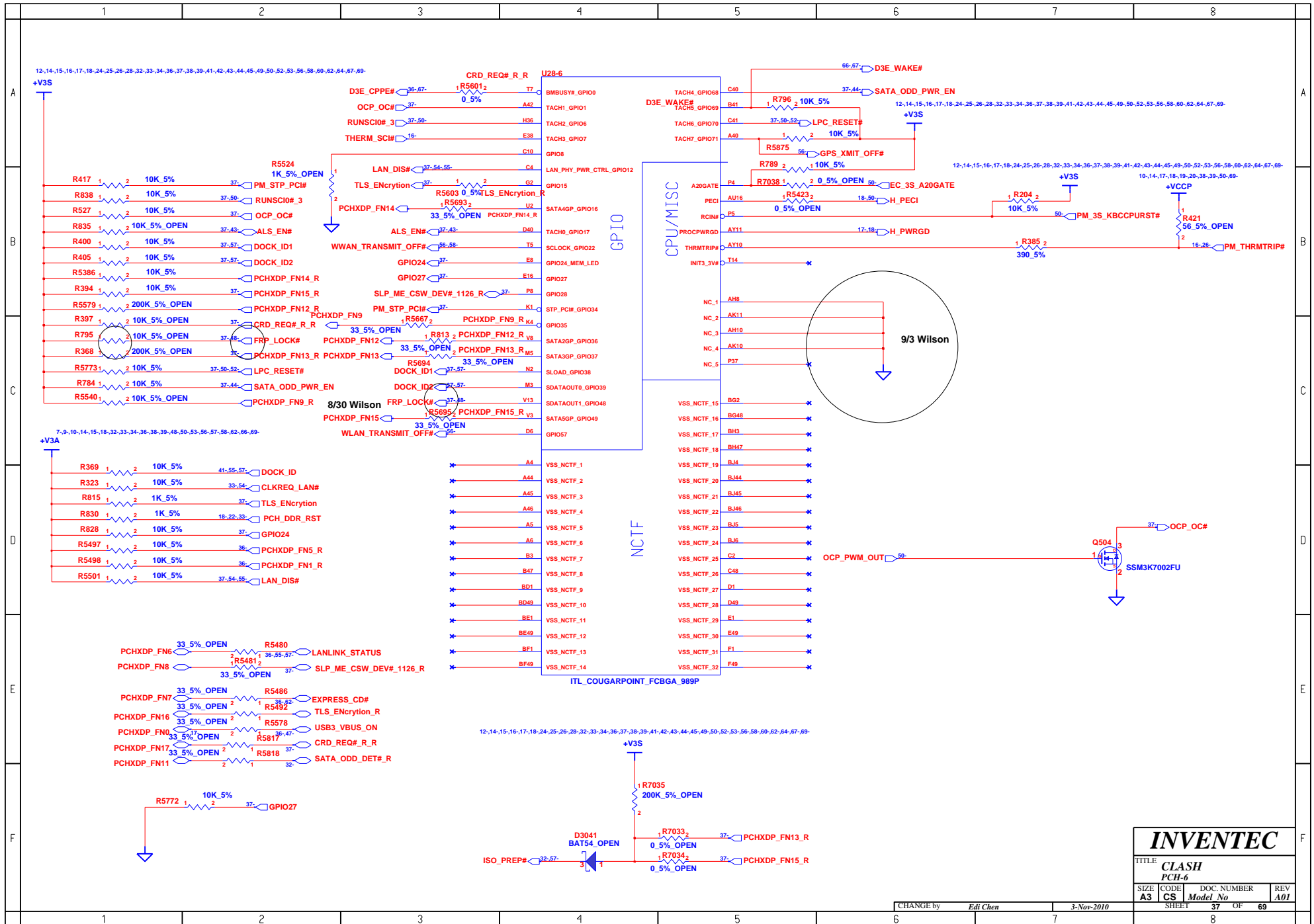
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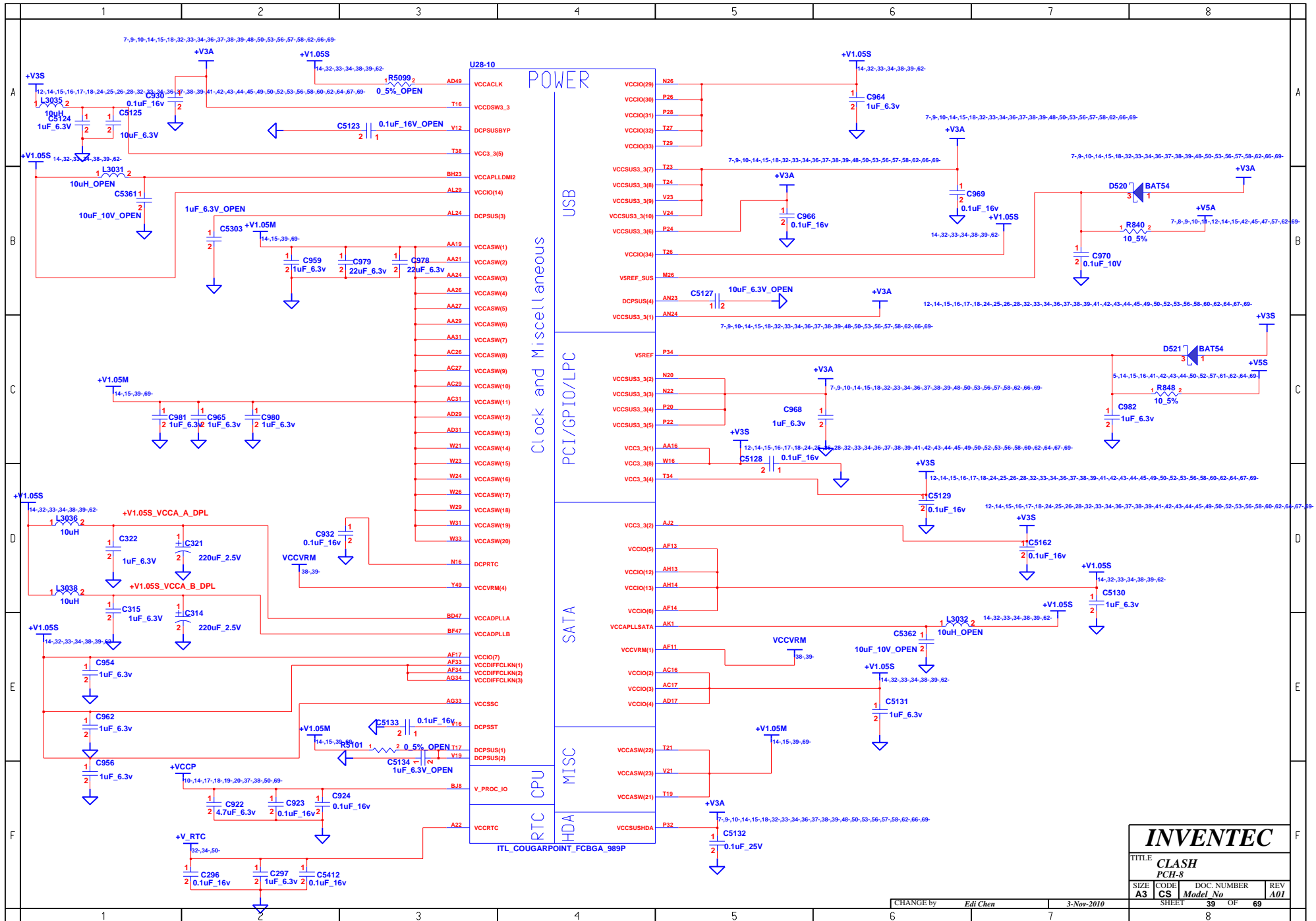
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CHANGE by	<i>Edi Chen</i>	<i>3-Nov-2010</i>
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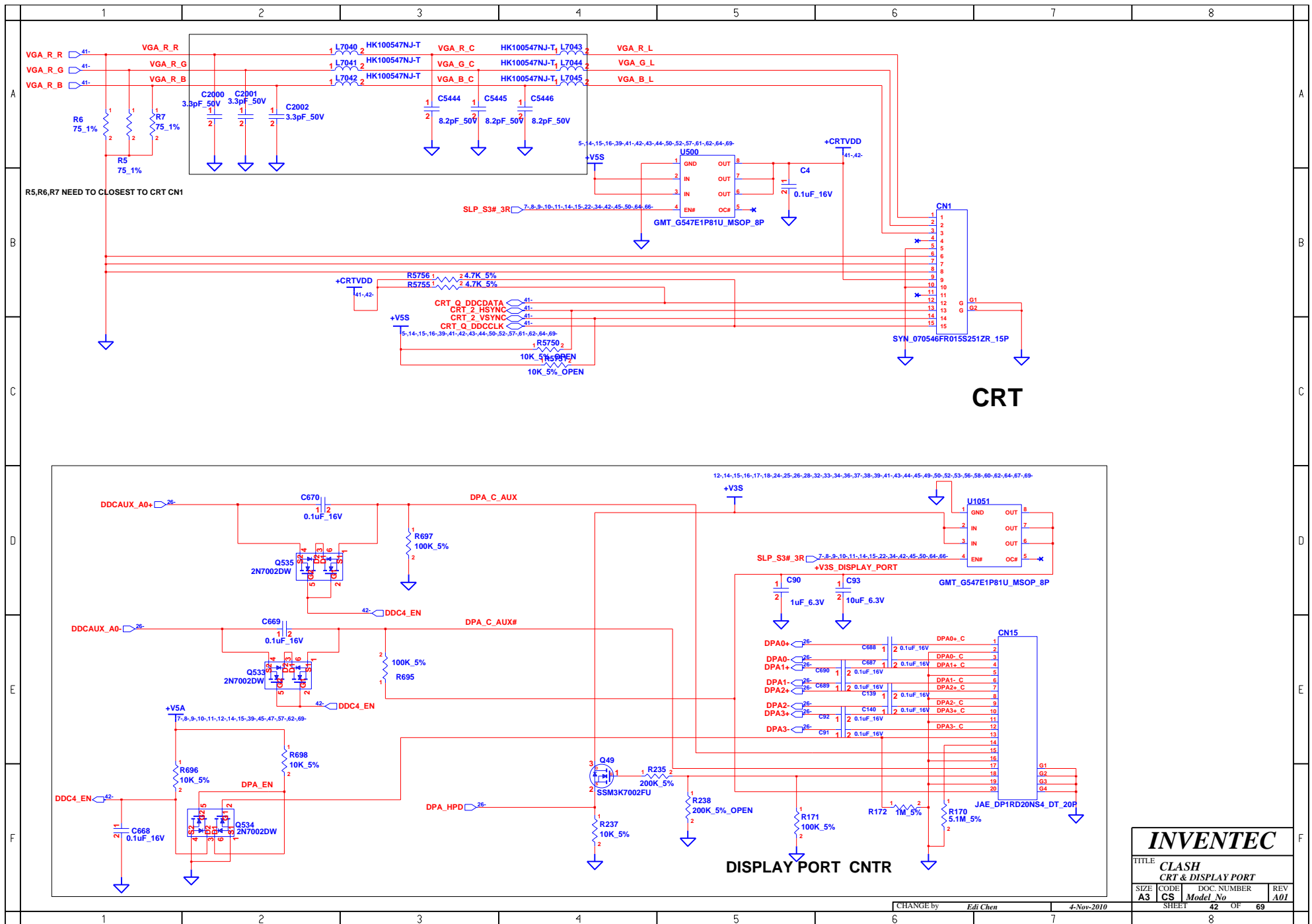


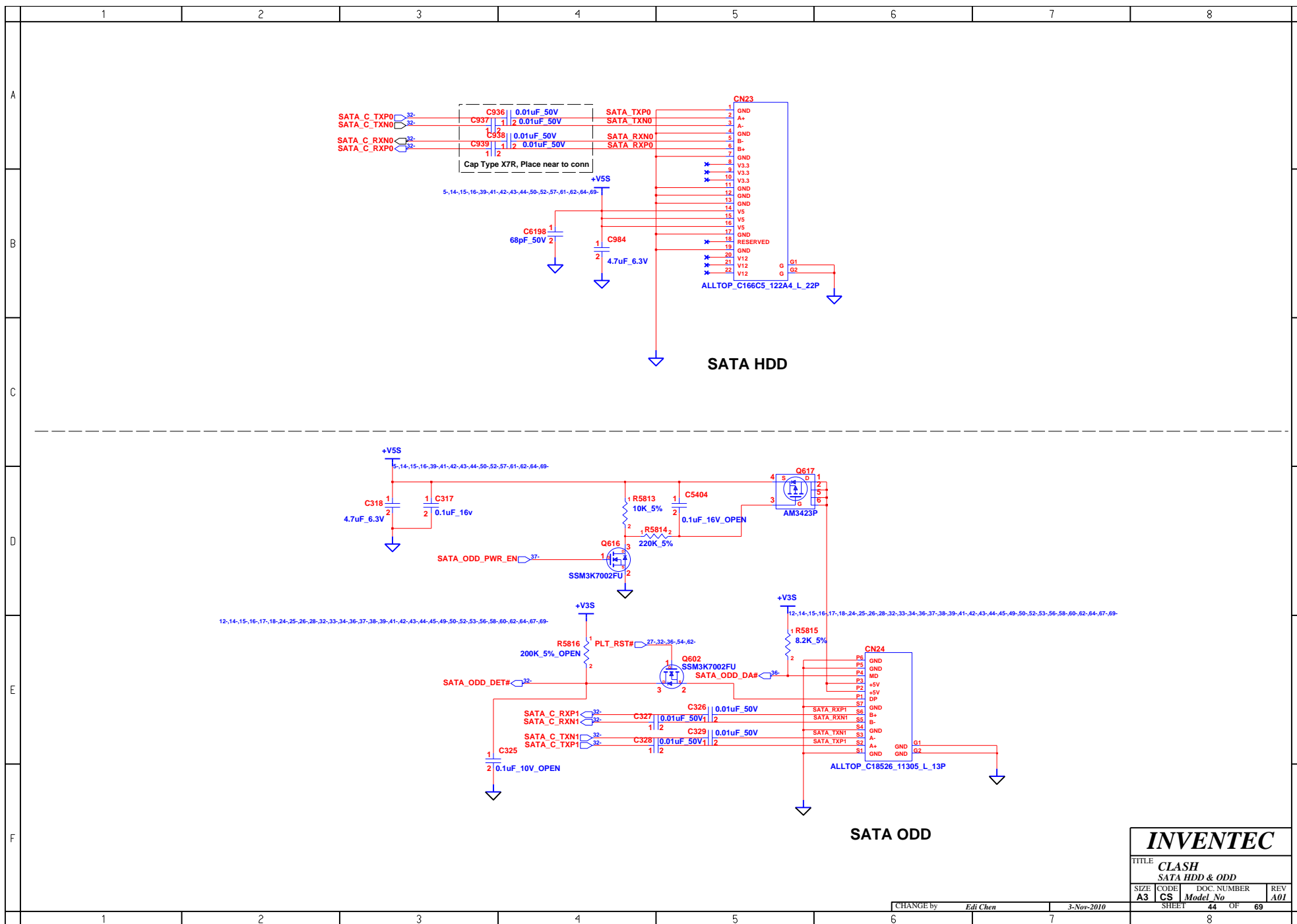


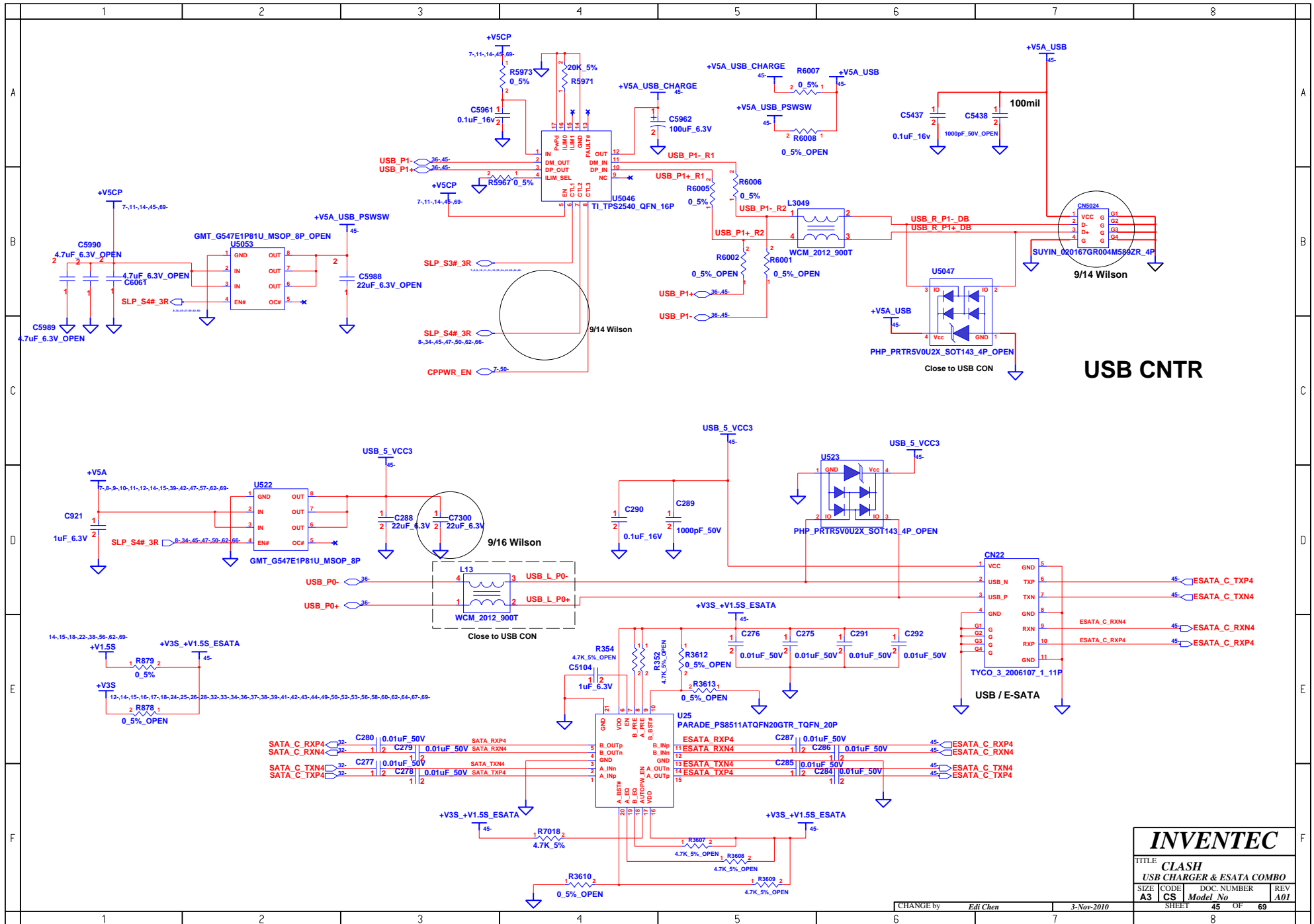


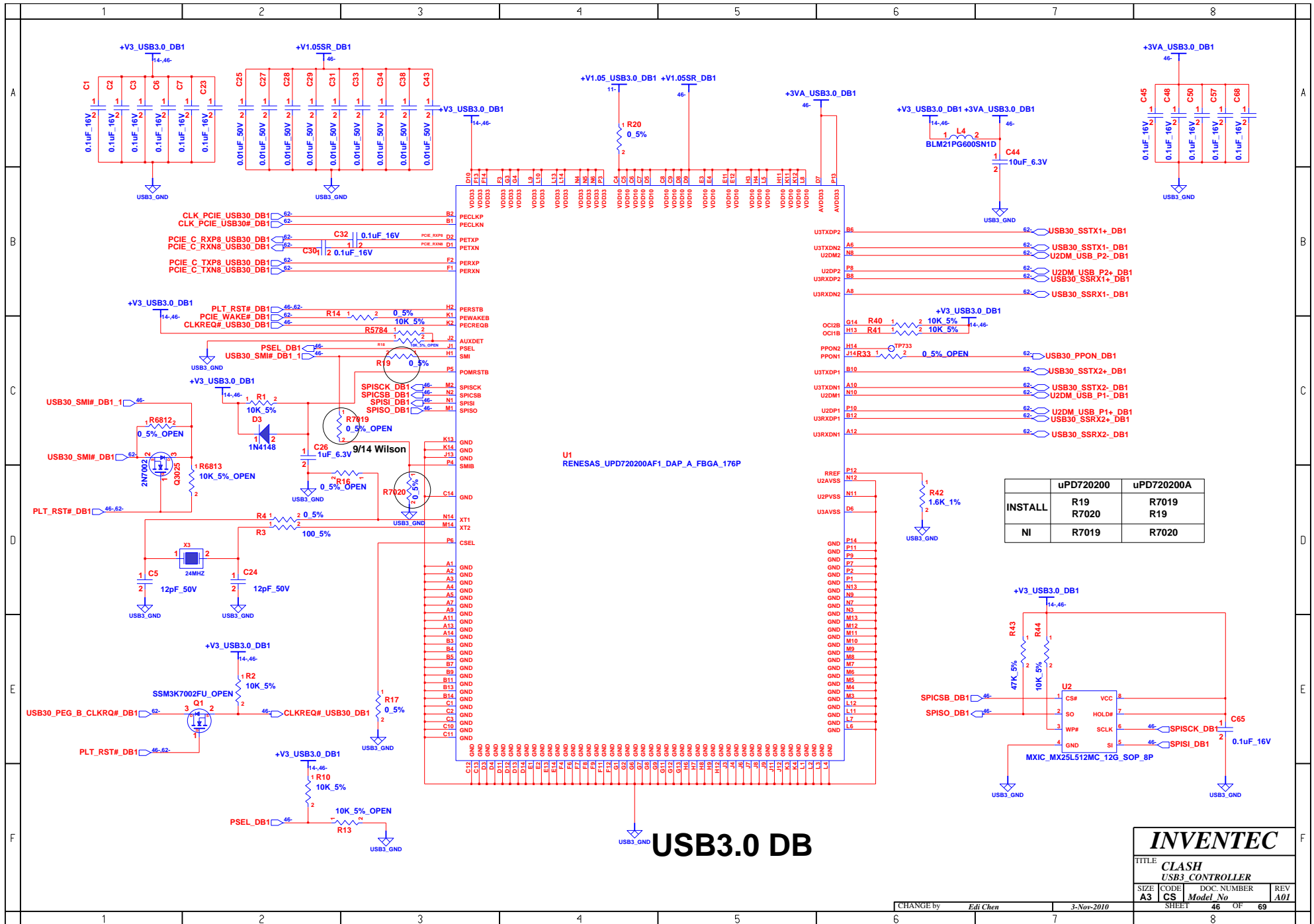


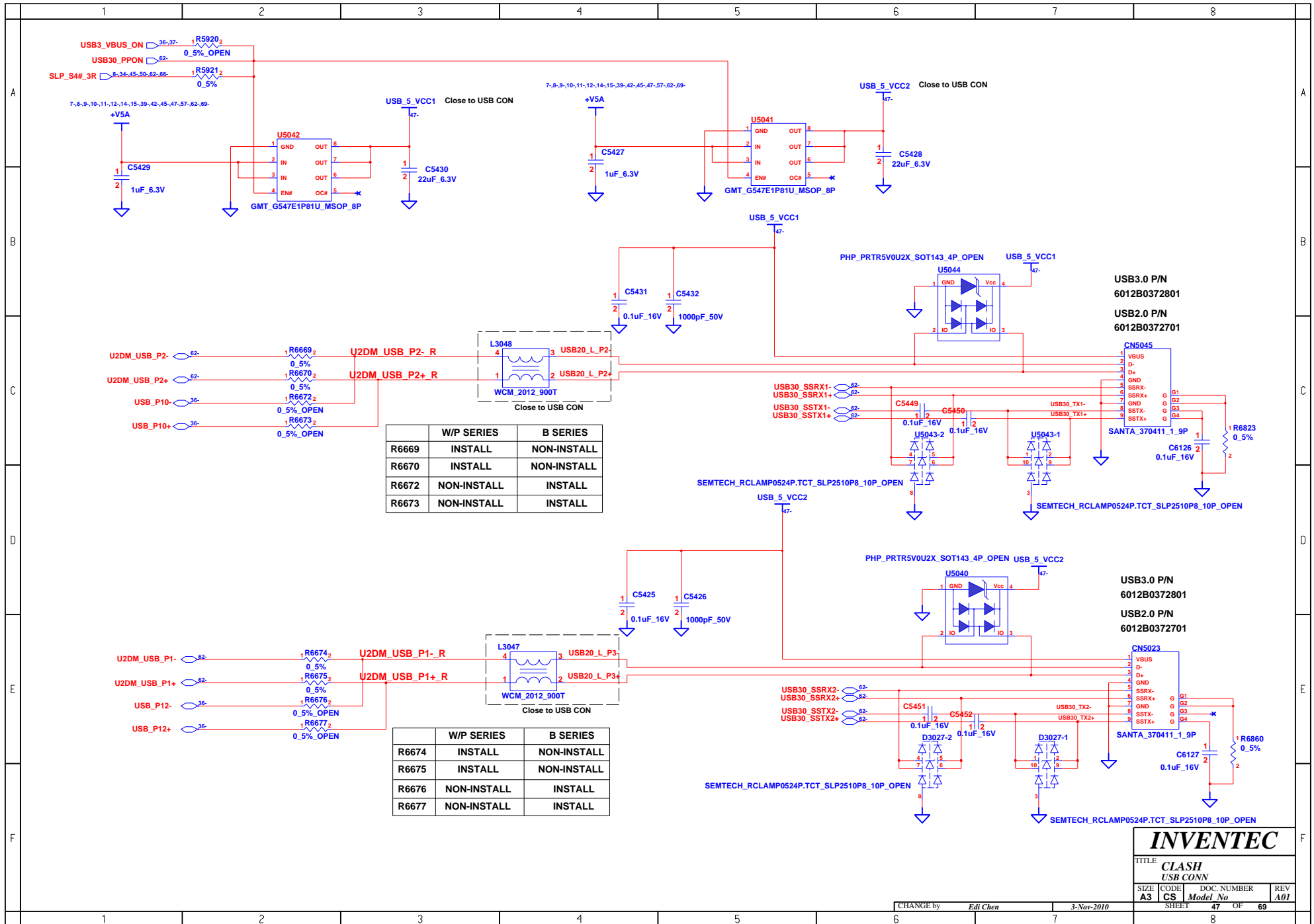
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C								
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E								
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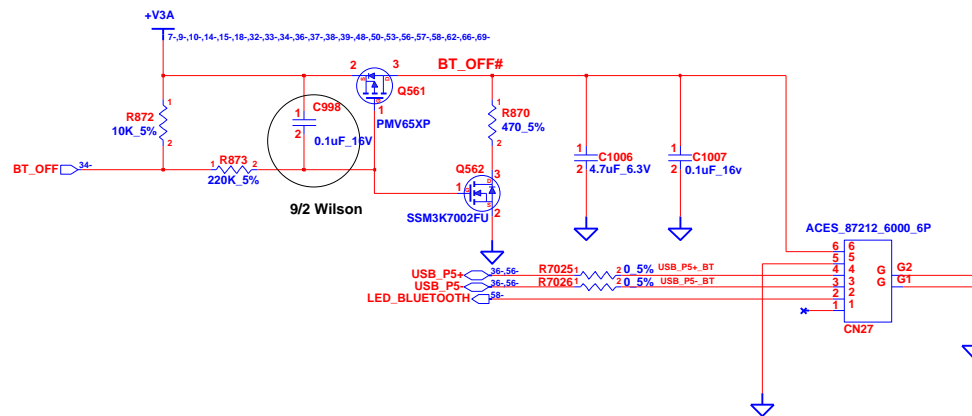




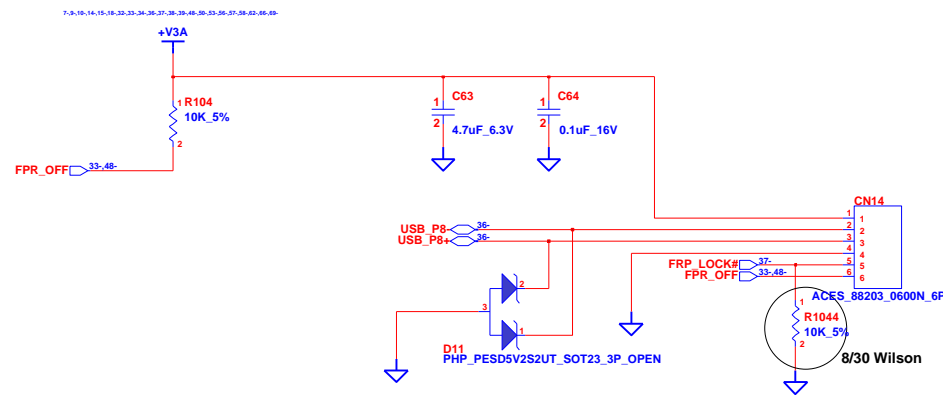






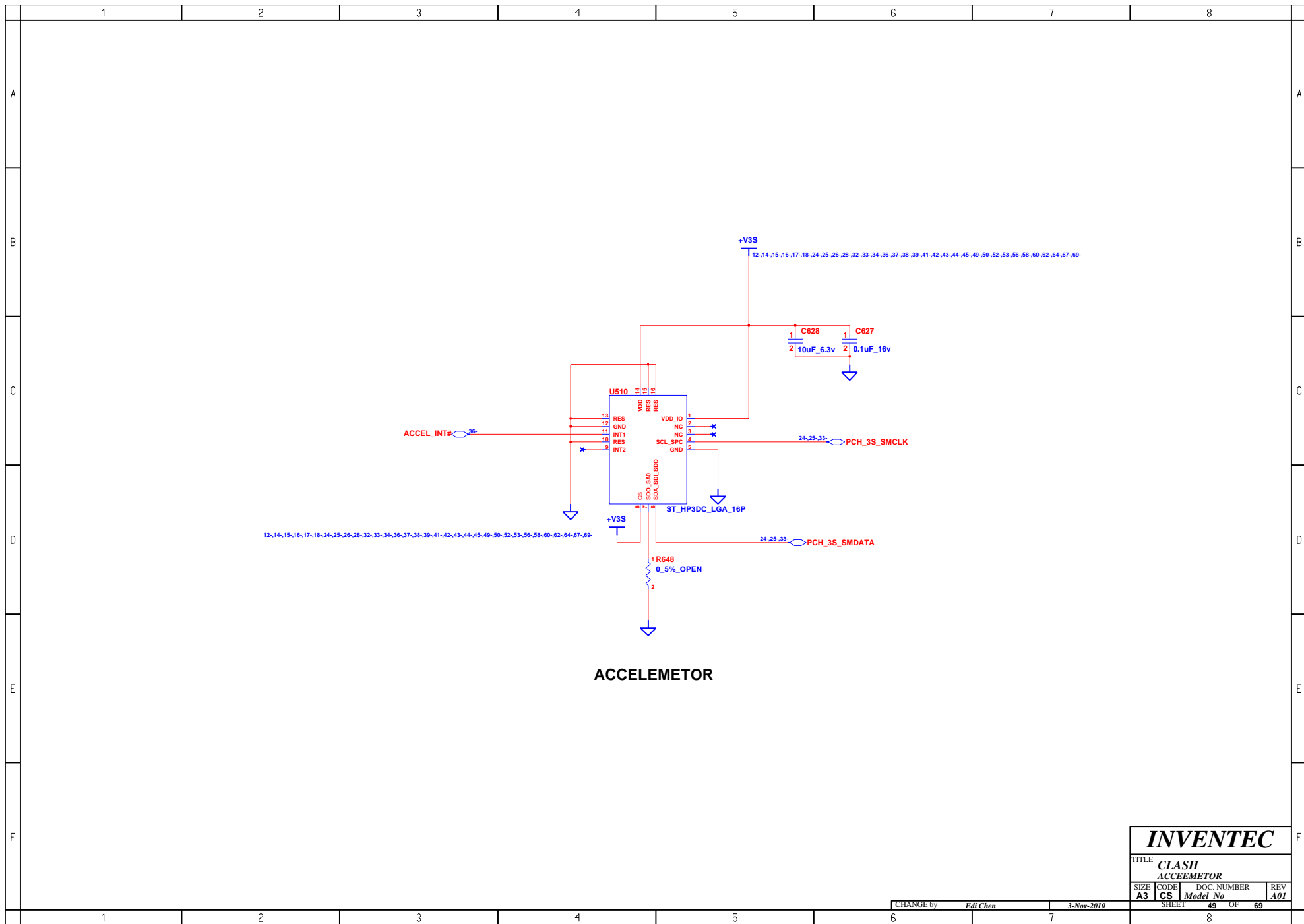


BLUETOOTH



FINGER PRINTER CNTR

INVENTEC			
TITLE CLASH			
BLUETOOTH & FINGER PRINTER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Edi Chen		3-Nov-2010	
SHEET 48		OF 69	

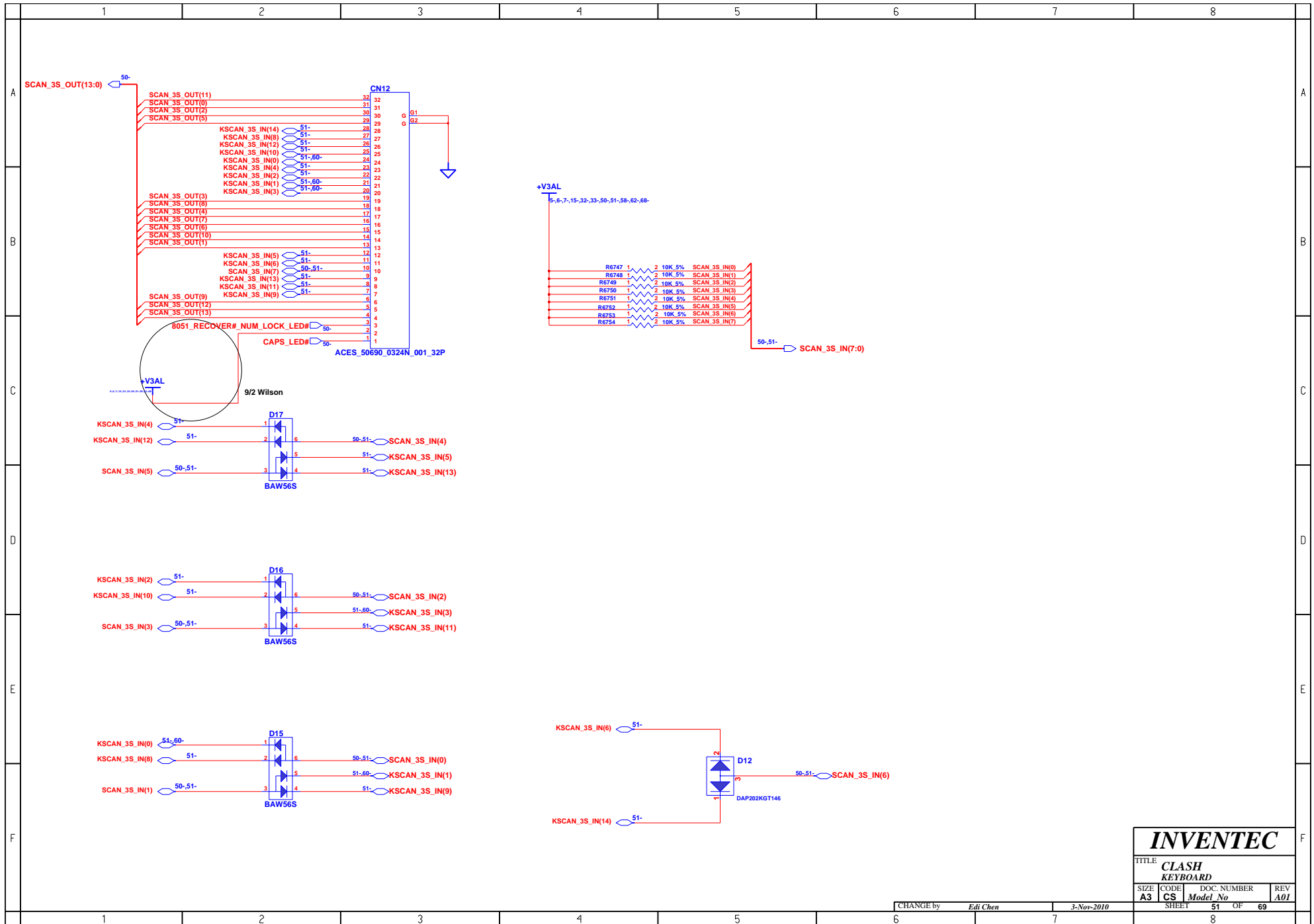


INVENTEC

TITLE CLASH ACCELEMETER			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A01

CHANGE by *Edi Chen* 3-Nov-2010

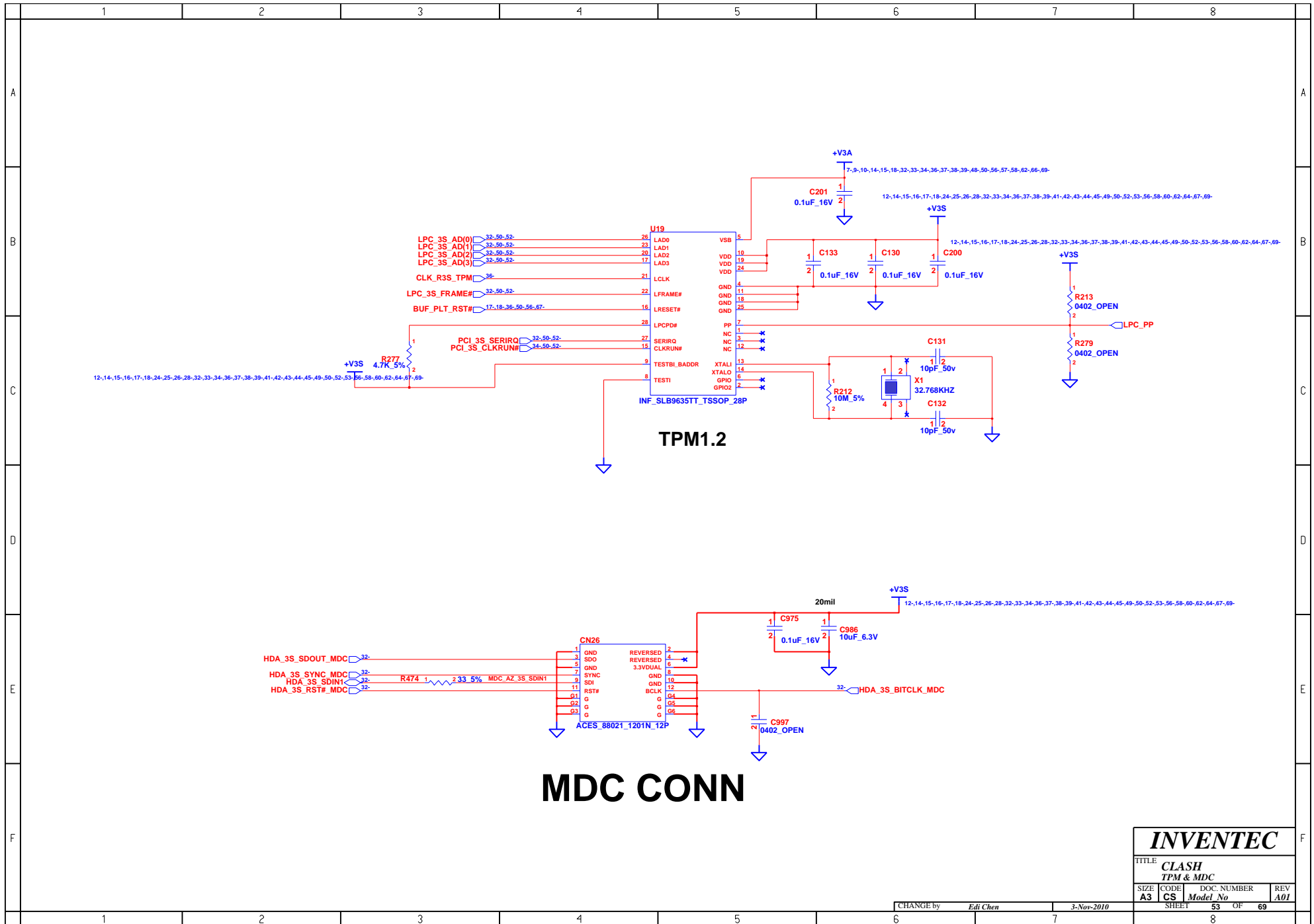
SHEET 49 OF 69

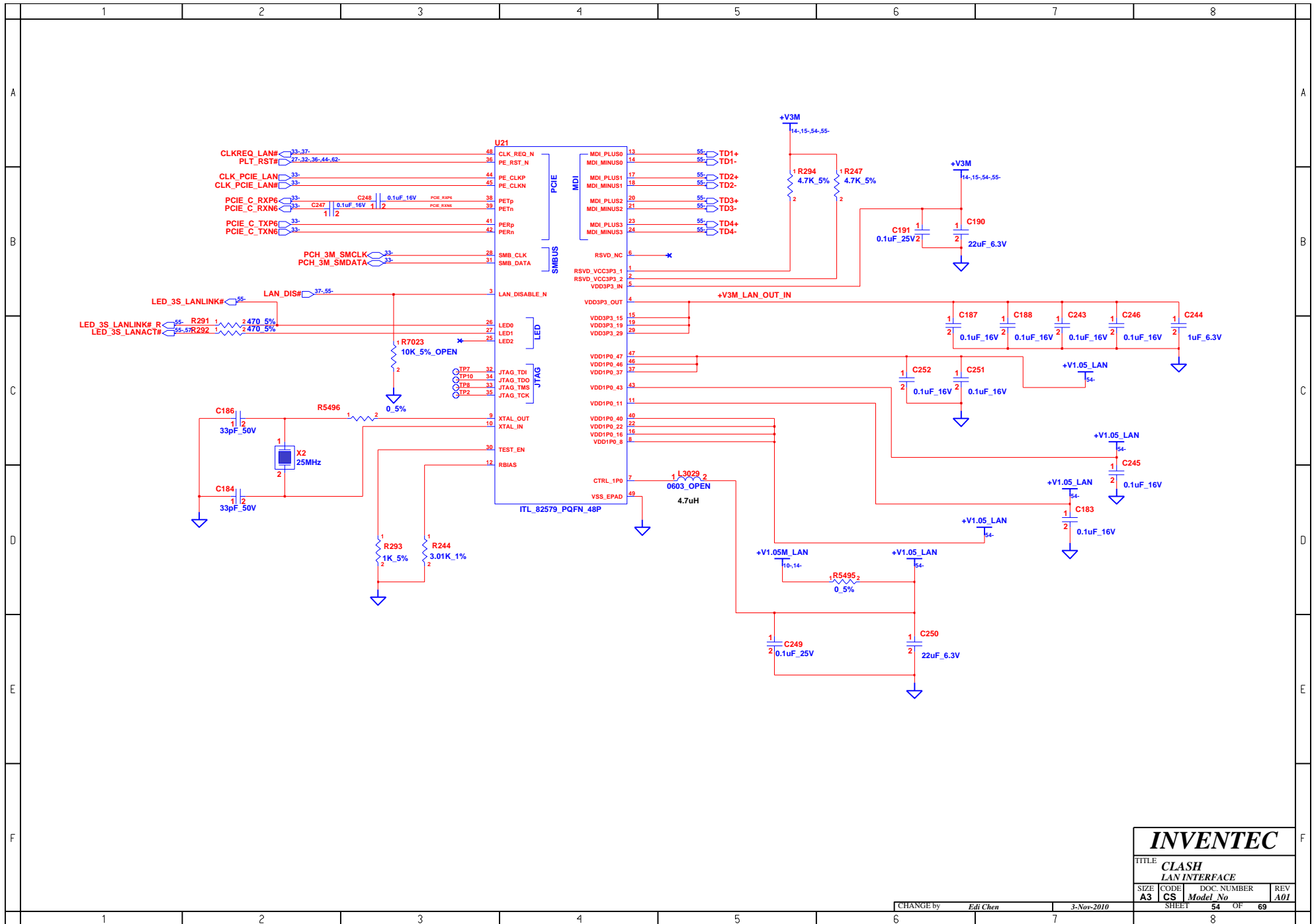


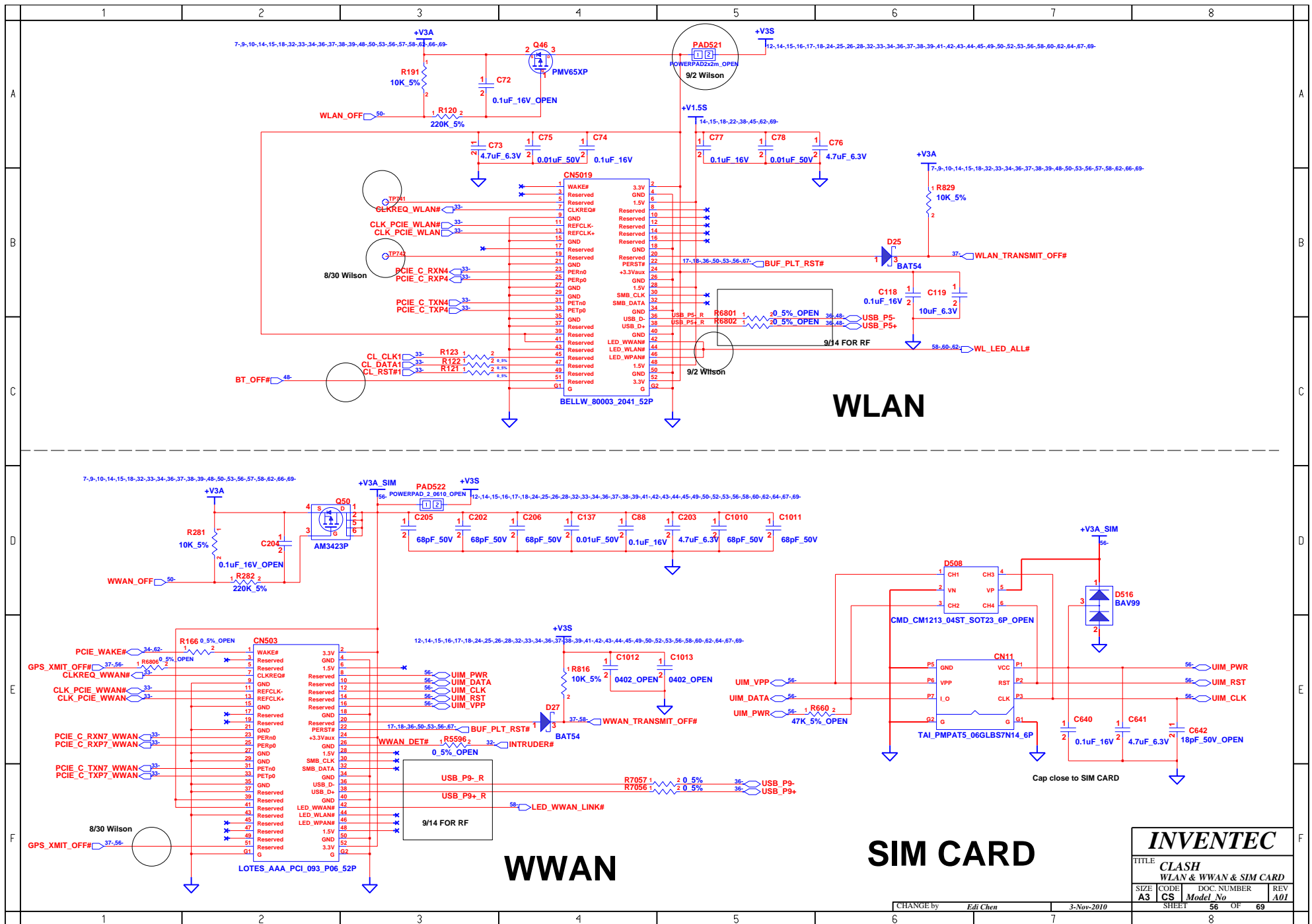
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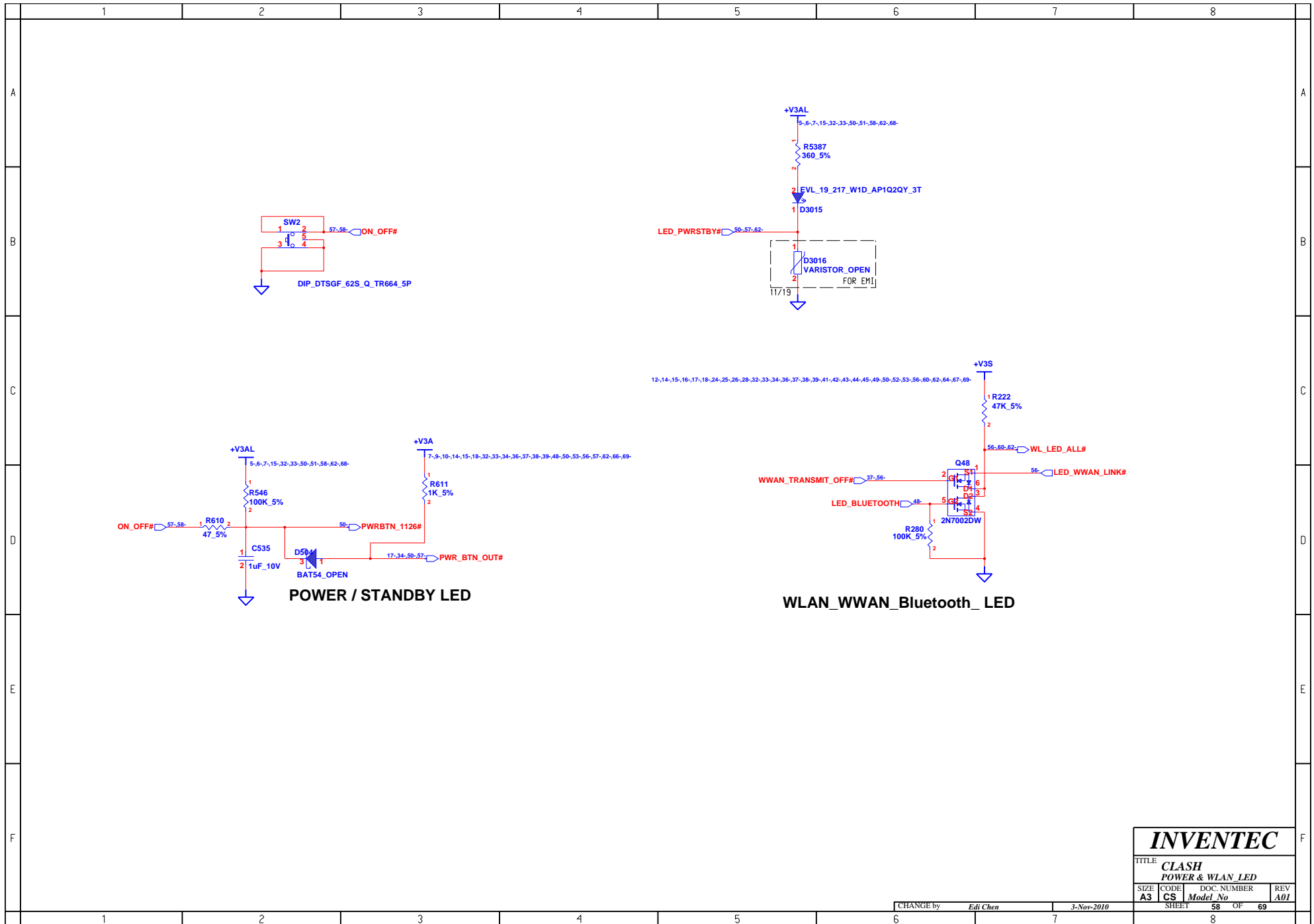
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SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A01
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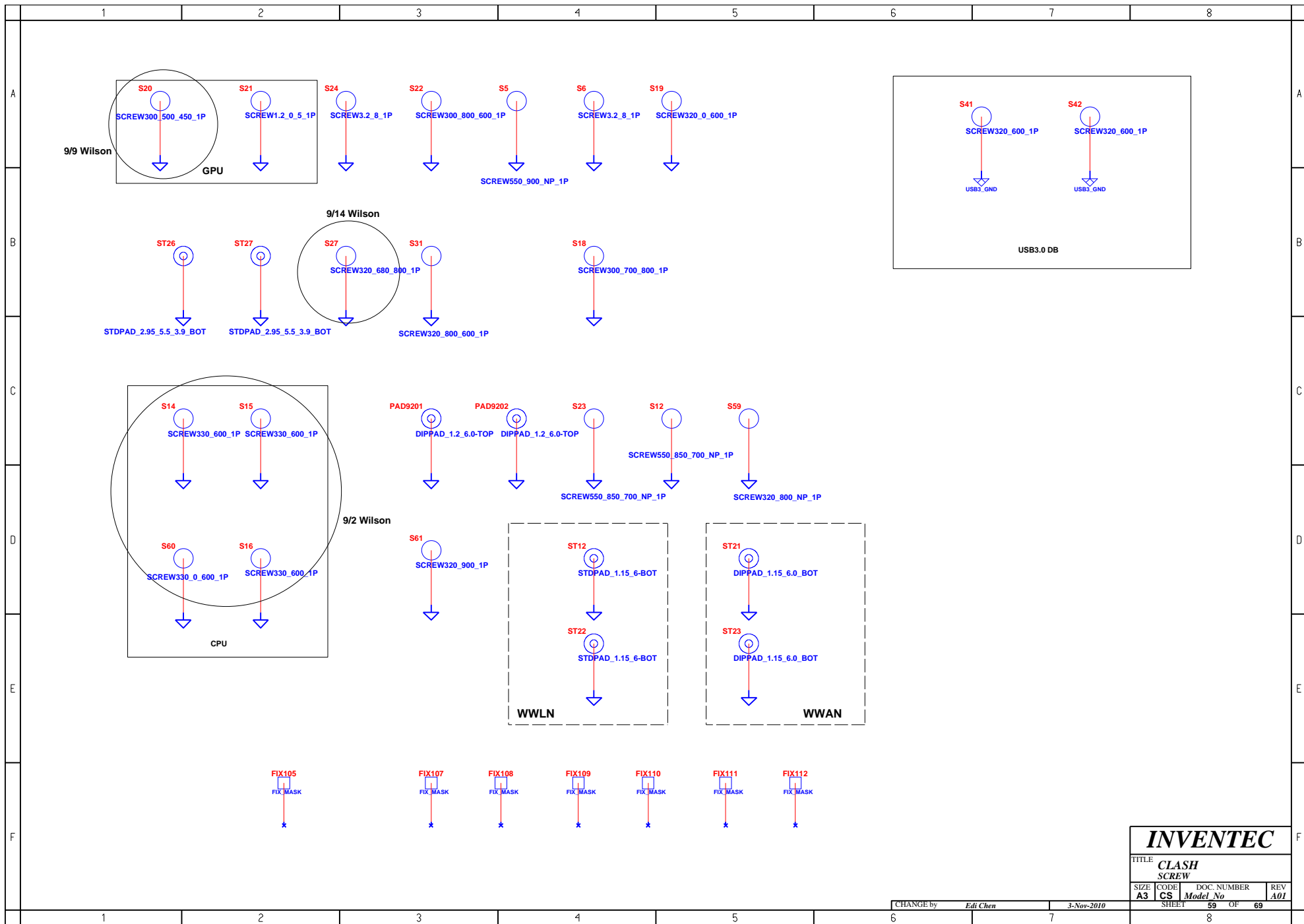
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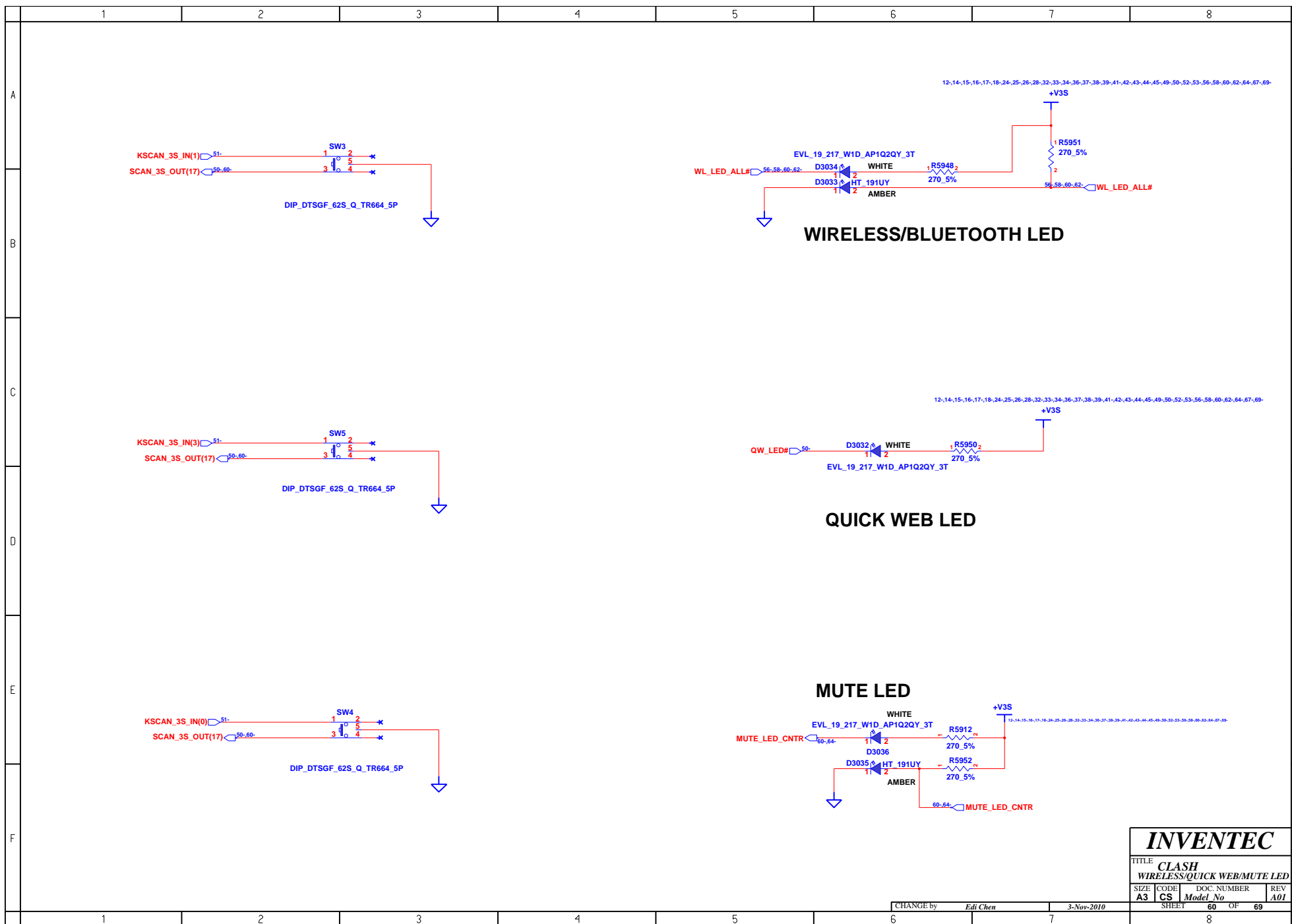


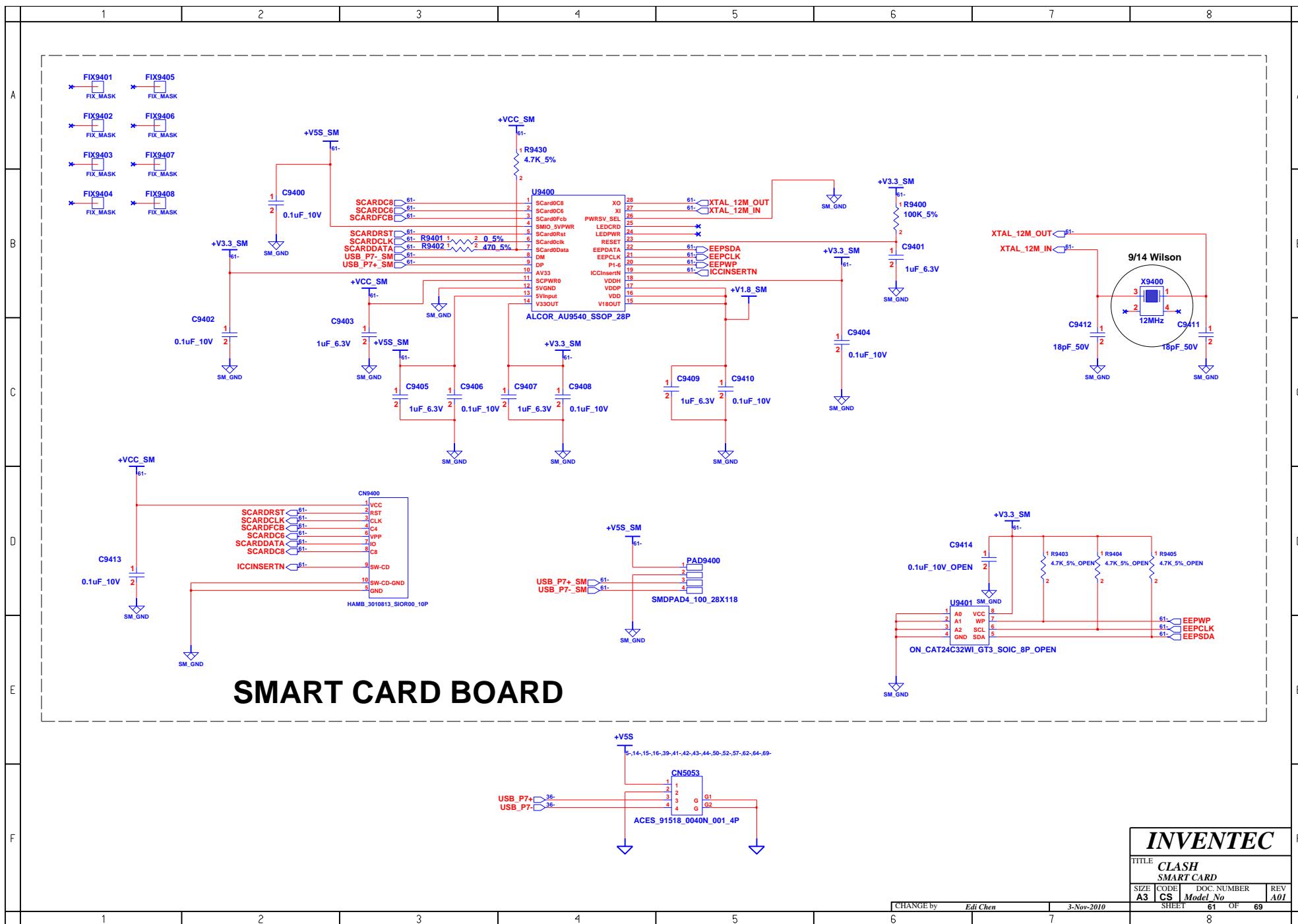


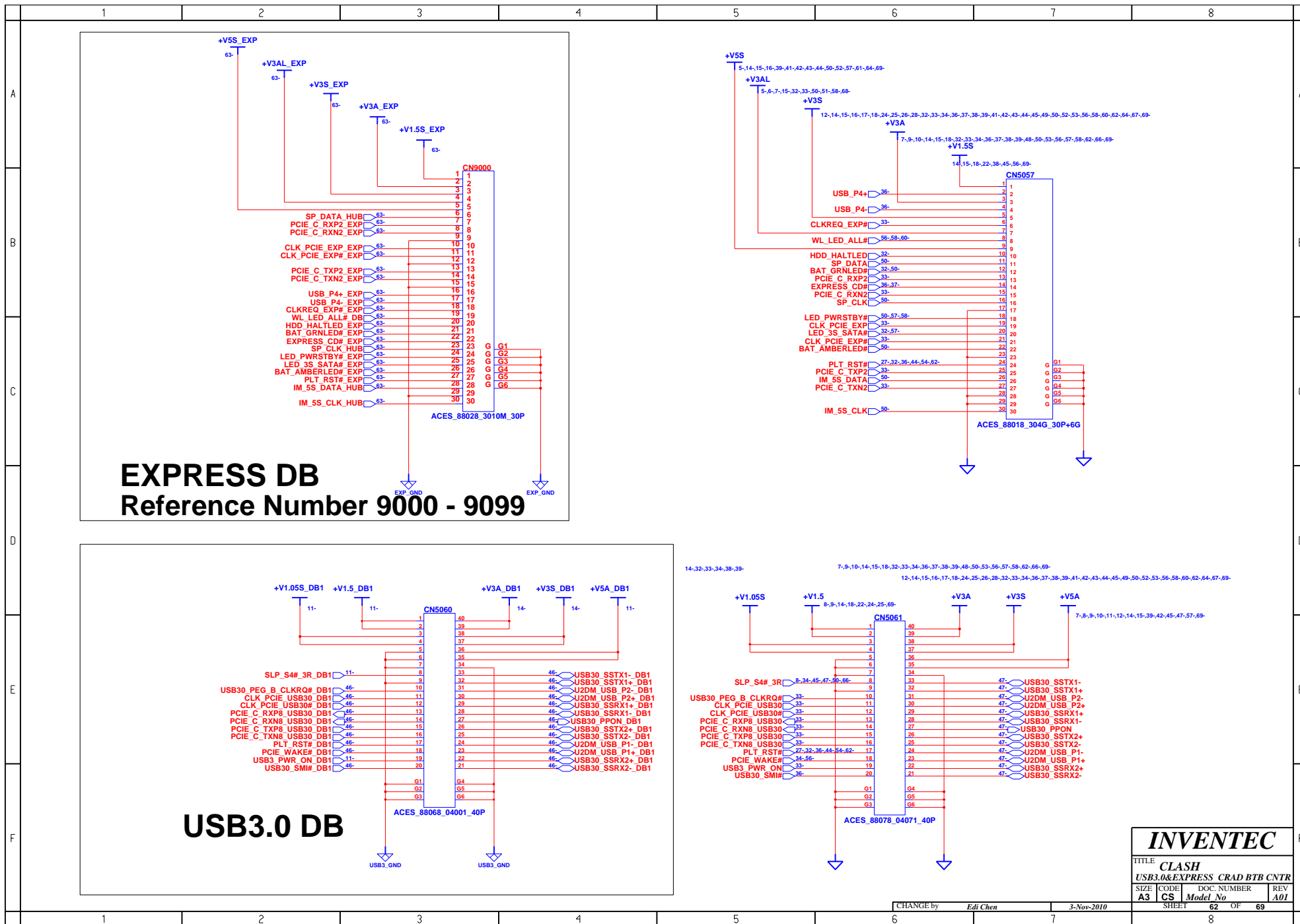












EXPRESS DB

Reference Number 9000 - 9099

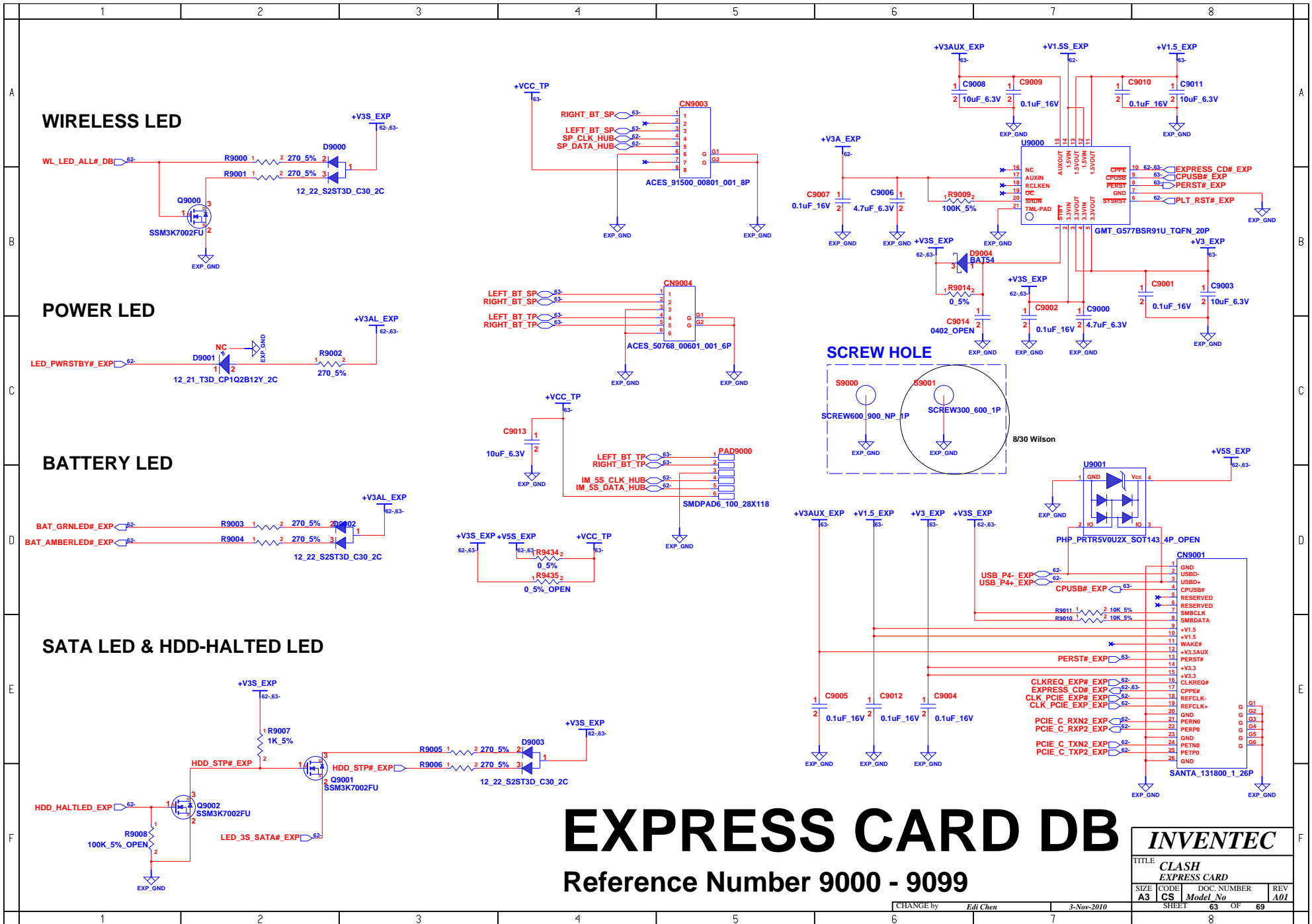
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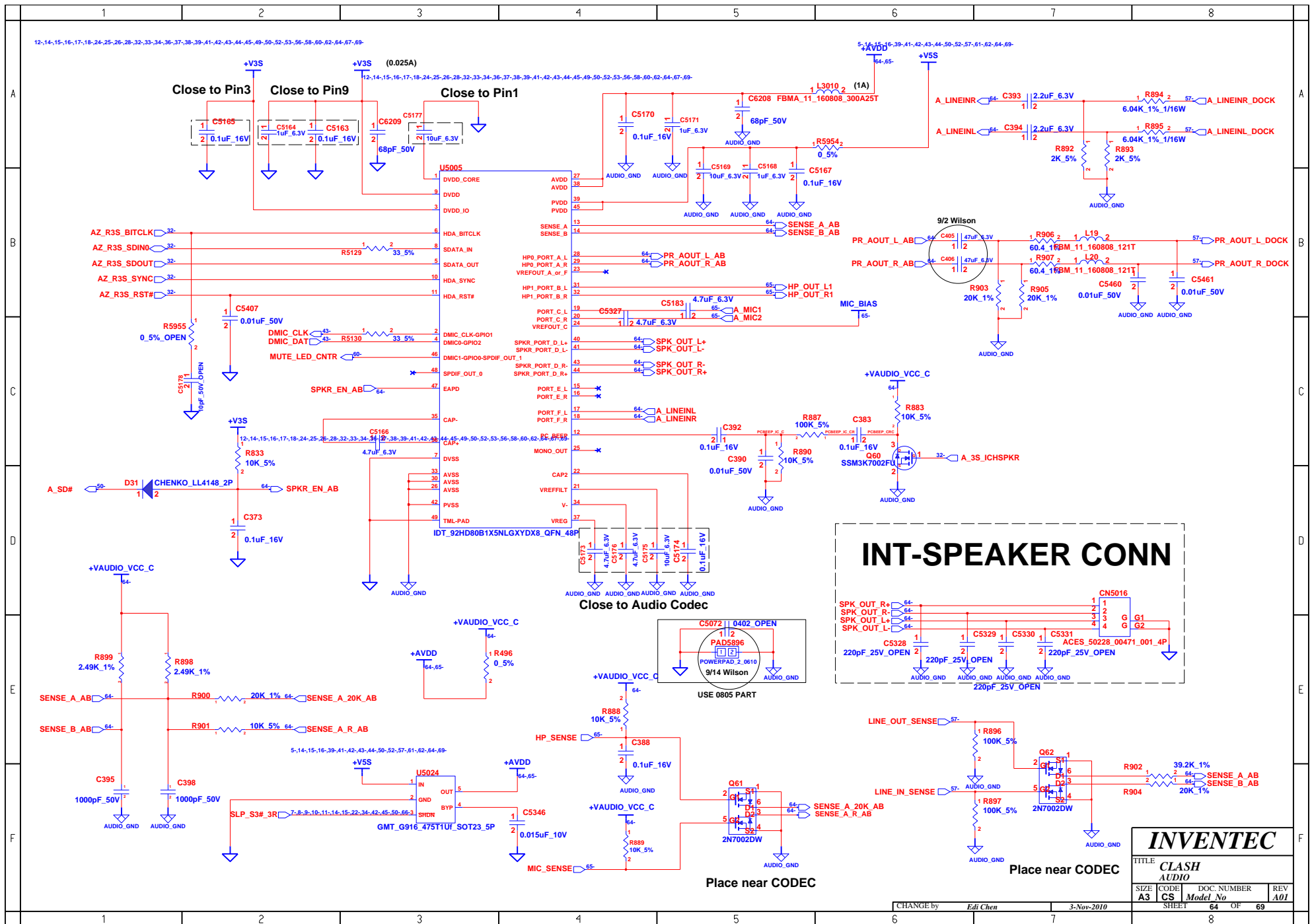
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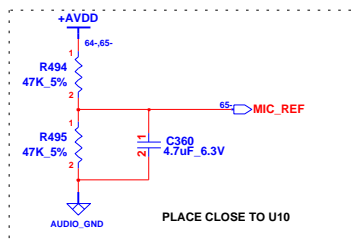
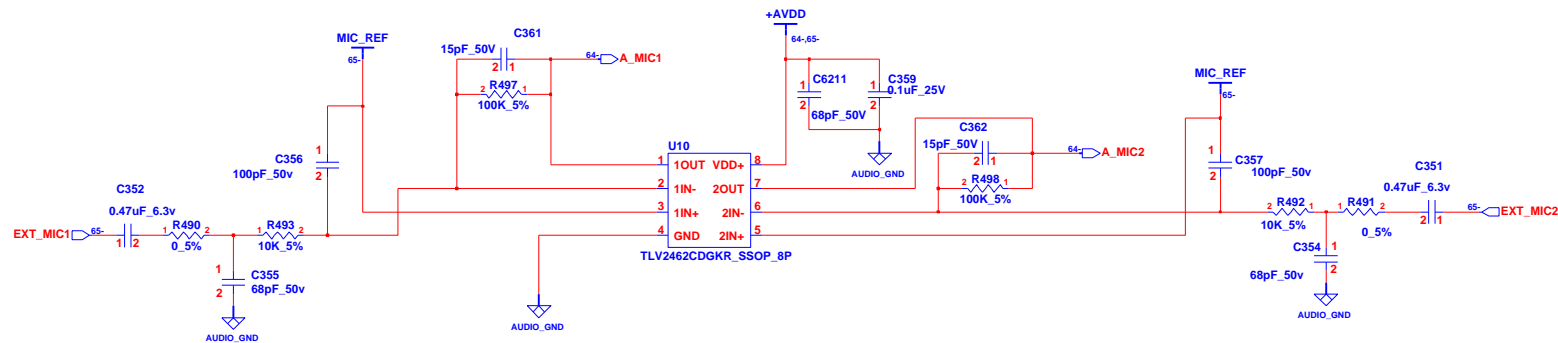
TITLE			
CLASH			
USB3.0&EXPRESS CRAD BTB CNTR			
SIZE	CODE	DOC NUMBER	REV
A3	CS	Model No	A01

CHANGE by *Edi Chen* 3-Nov-2010

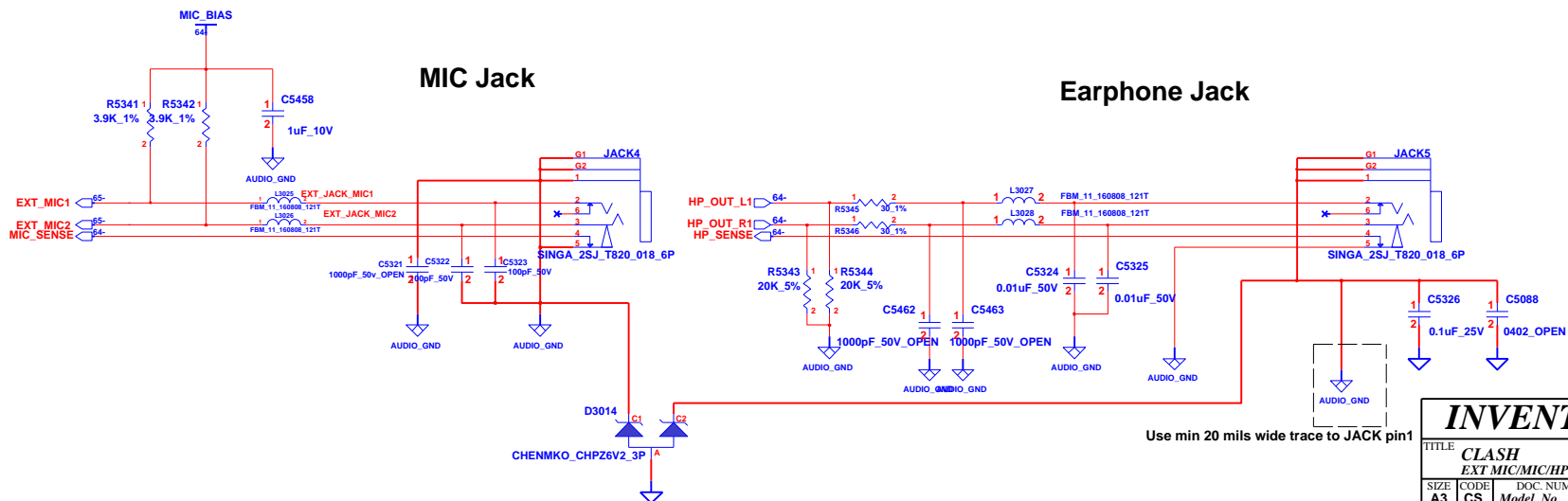
SHEET 62 OF 69







EXT. MIC

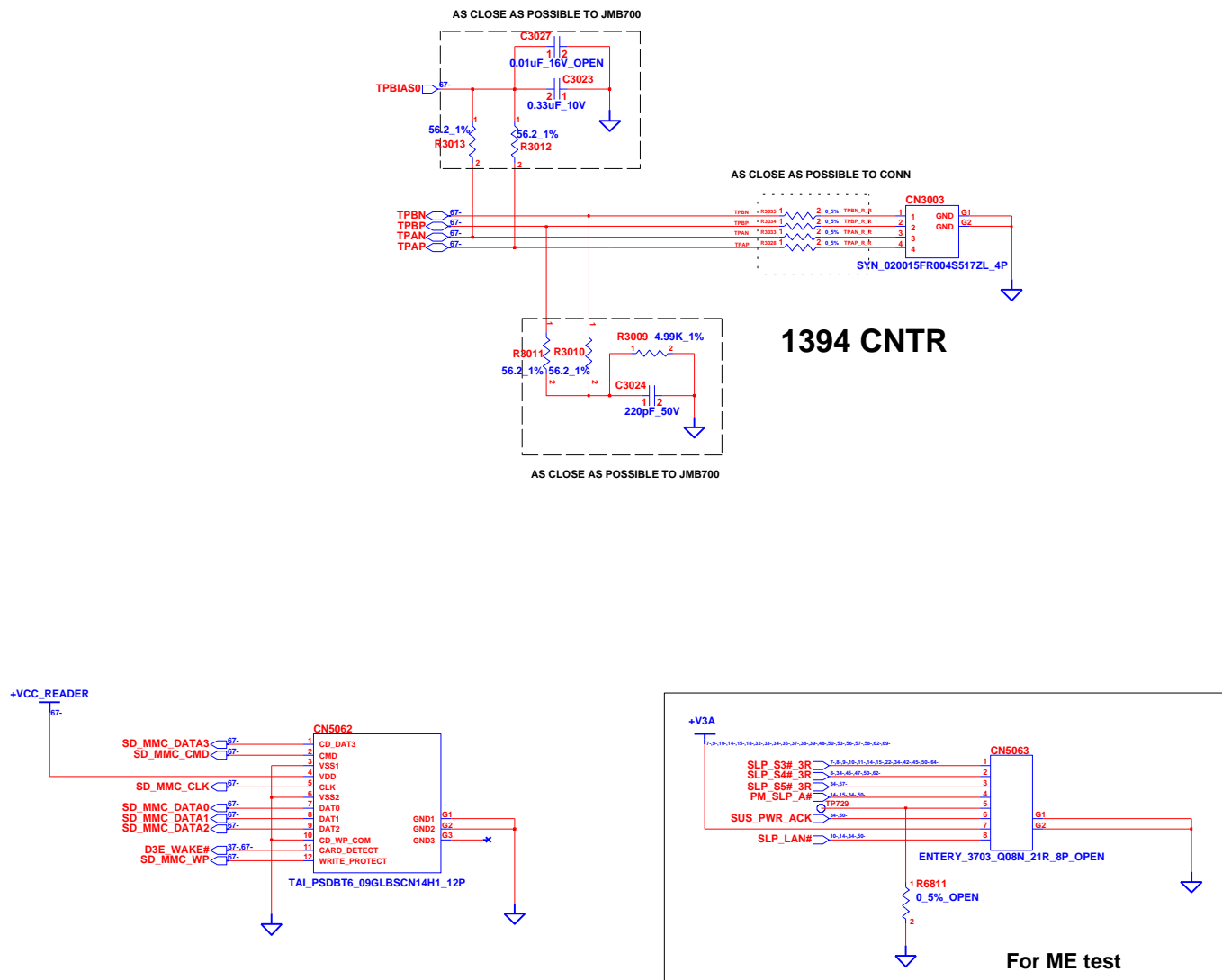


Use min 20 mils wide trace to JACK pin1

INVENTEC

TITLE CLASH EXT MIC/MIC/HP			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET 65		OF 69	

CHANGE by *Edi Chen* 3-Nov-2010



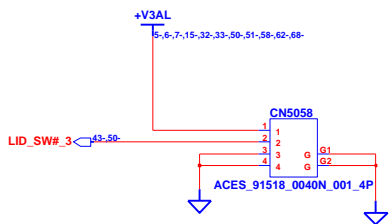
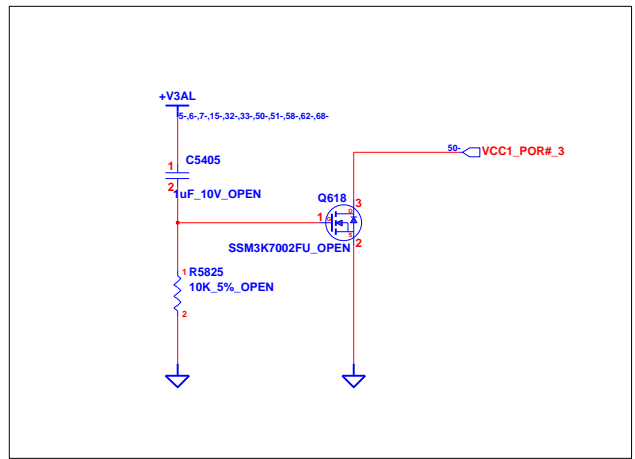
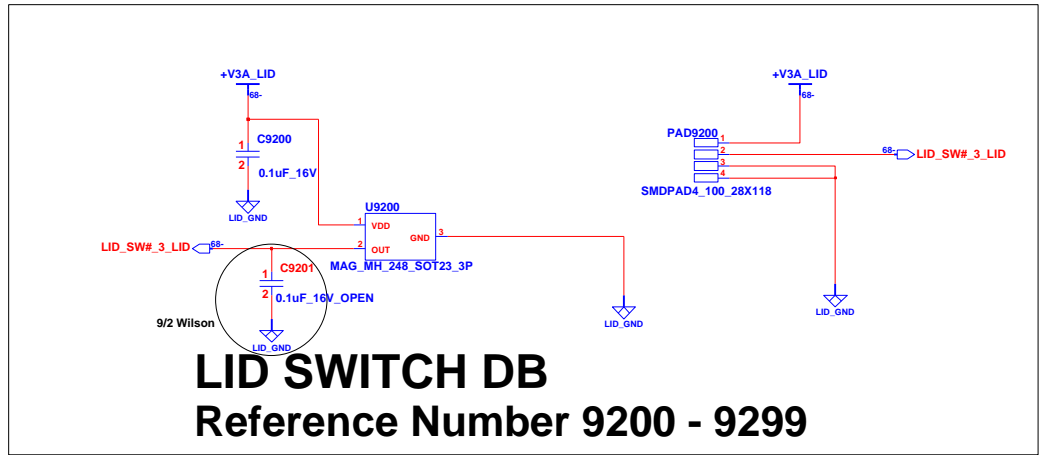
INVENTEC

TITLE
CLASH
1394 CONN

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A01
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CHANGE by *Edi Chen* 3-Nov-2010

SHEET 66 OF 69



INVENTEC

TITLE **CLASH**
LID SWITCH

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

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

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