

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

	EE	DATE	POWER	DATE	TITLE
DRAWER					ROXETTE SEYMOUR-XT
DESIGN					
CHECK					
RESPONSIBLE					
SIZE = 3 VER :					SIZE CODE DOC. NUMBER REV
FILE NAME : XXXX-XXXXXX-XX					A3 CS 1310A2411501-0-MTR A01
P/N	XXXXXXXXXXXX				SHEET 1 OF 67

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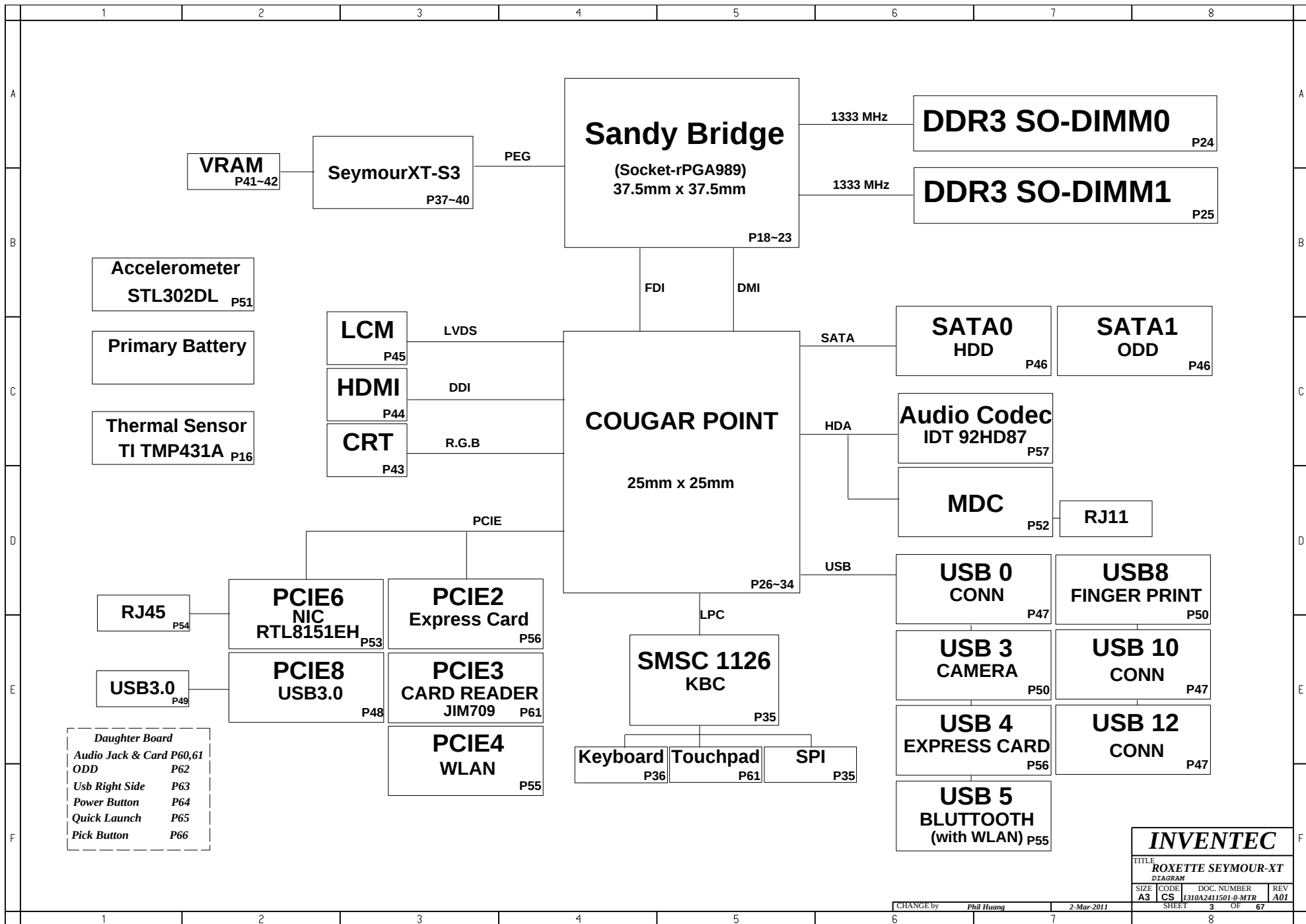
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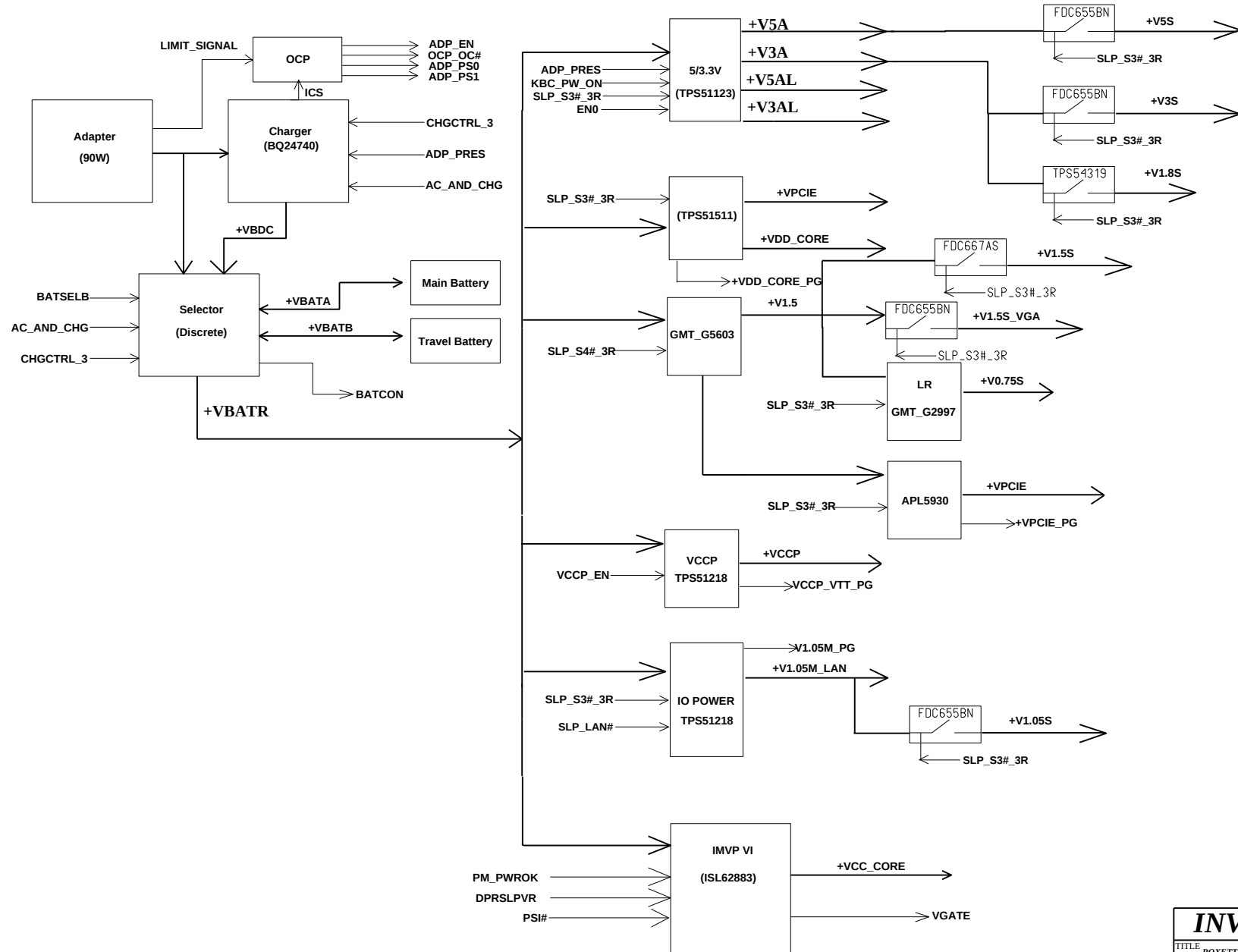
62. CARE READER & AUDIO JACK-2
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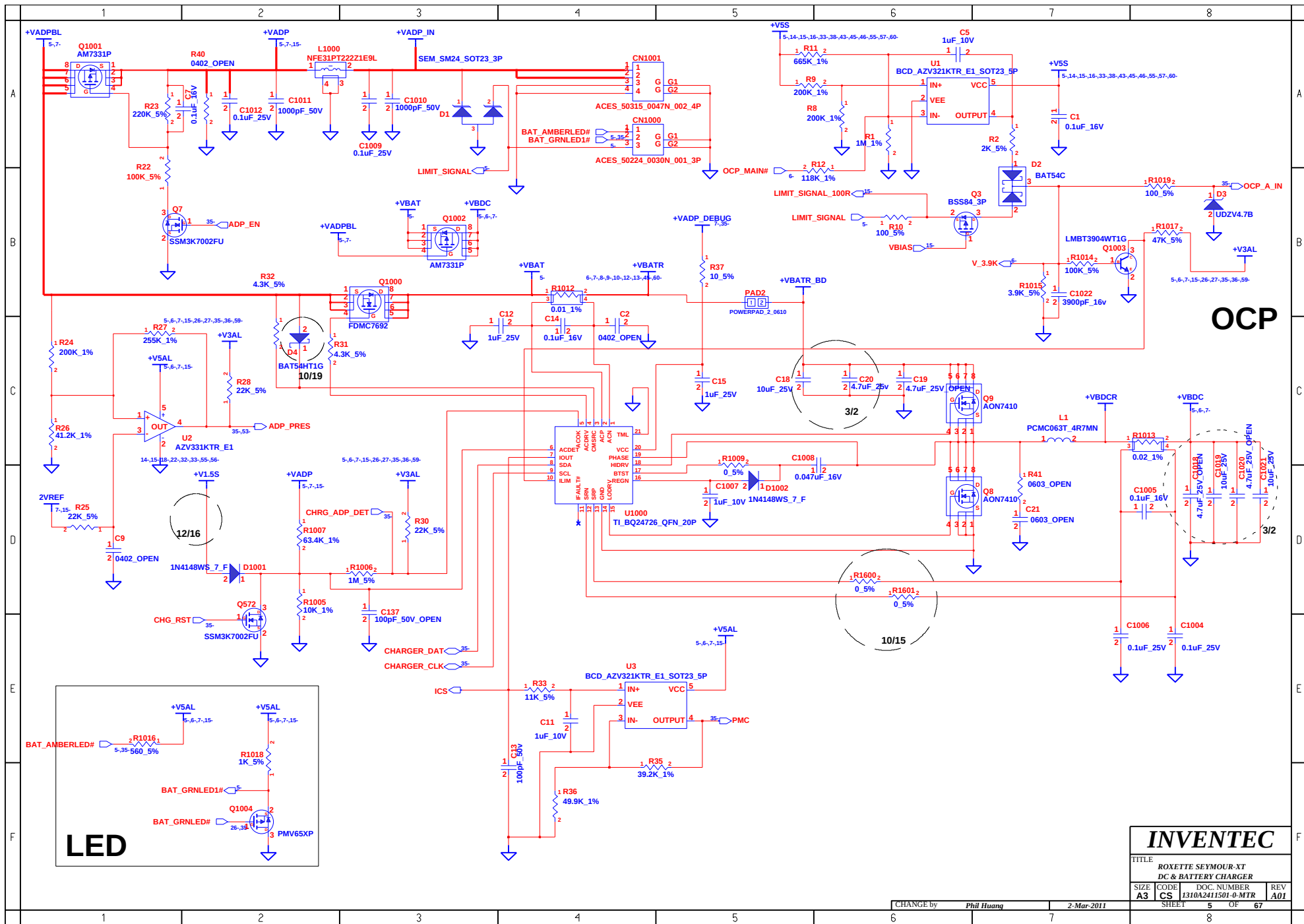


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TITLE
ROXETTE SEYMOUR-XT
POWER DIAGRAM

SIZE A3	CODE CS	DOC. NUMBER 1310A2411501-0-MTR	REV A01
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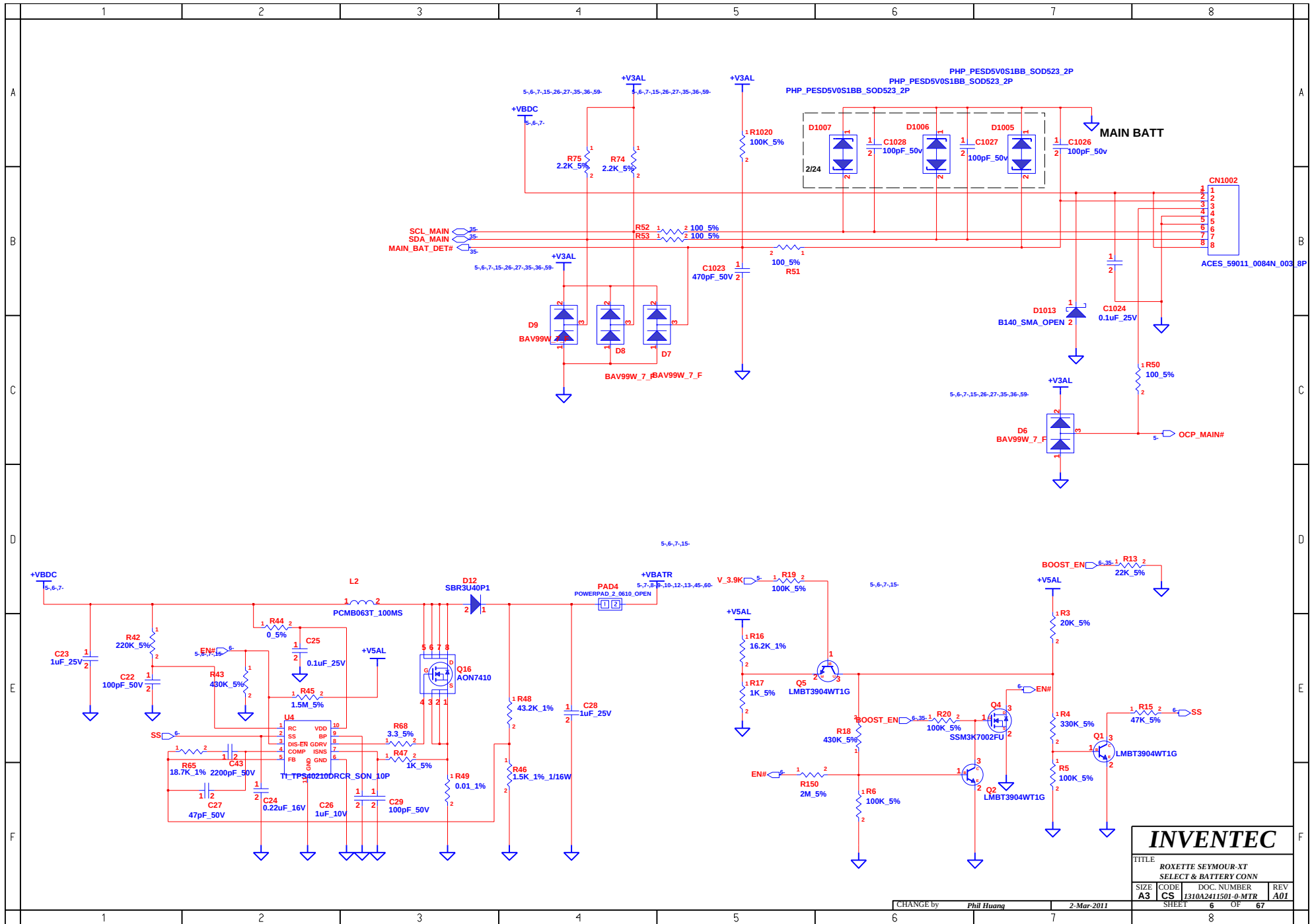
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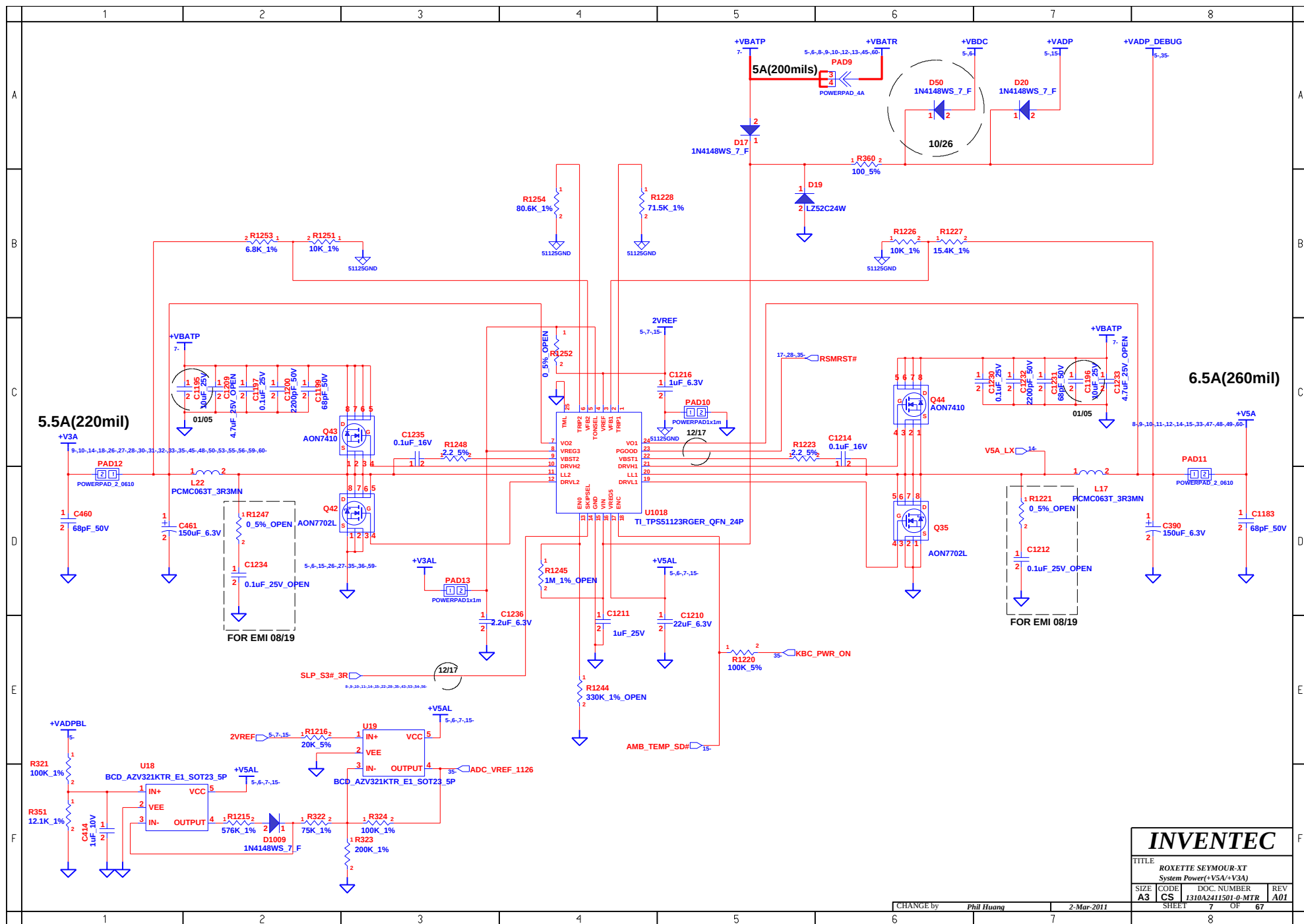


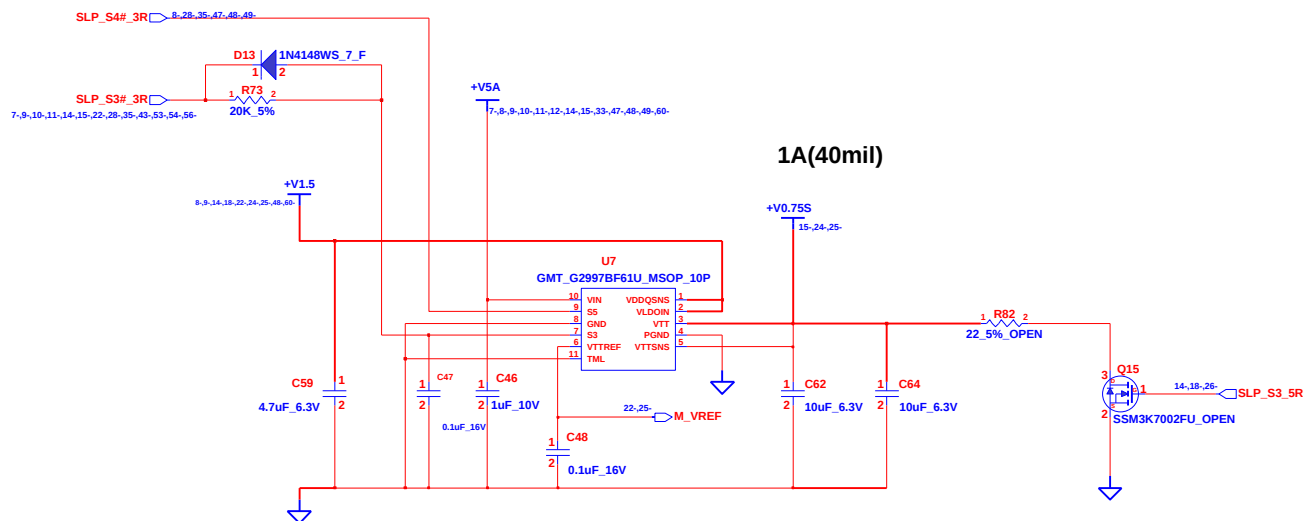
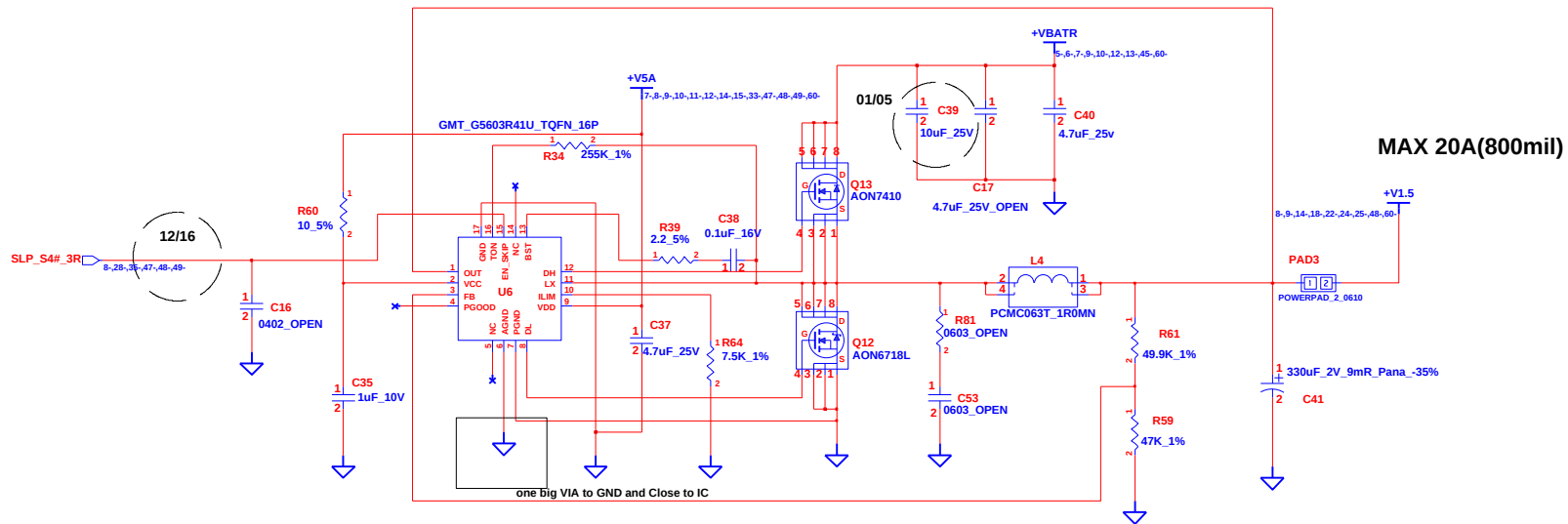
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ROXETTE SEYMOUR-XT			
DC & BATTERY CHARGER			
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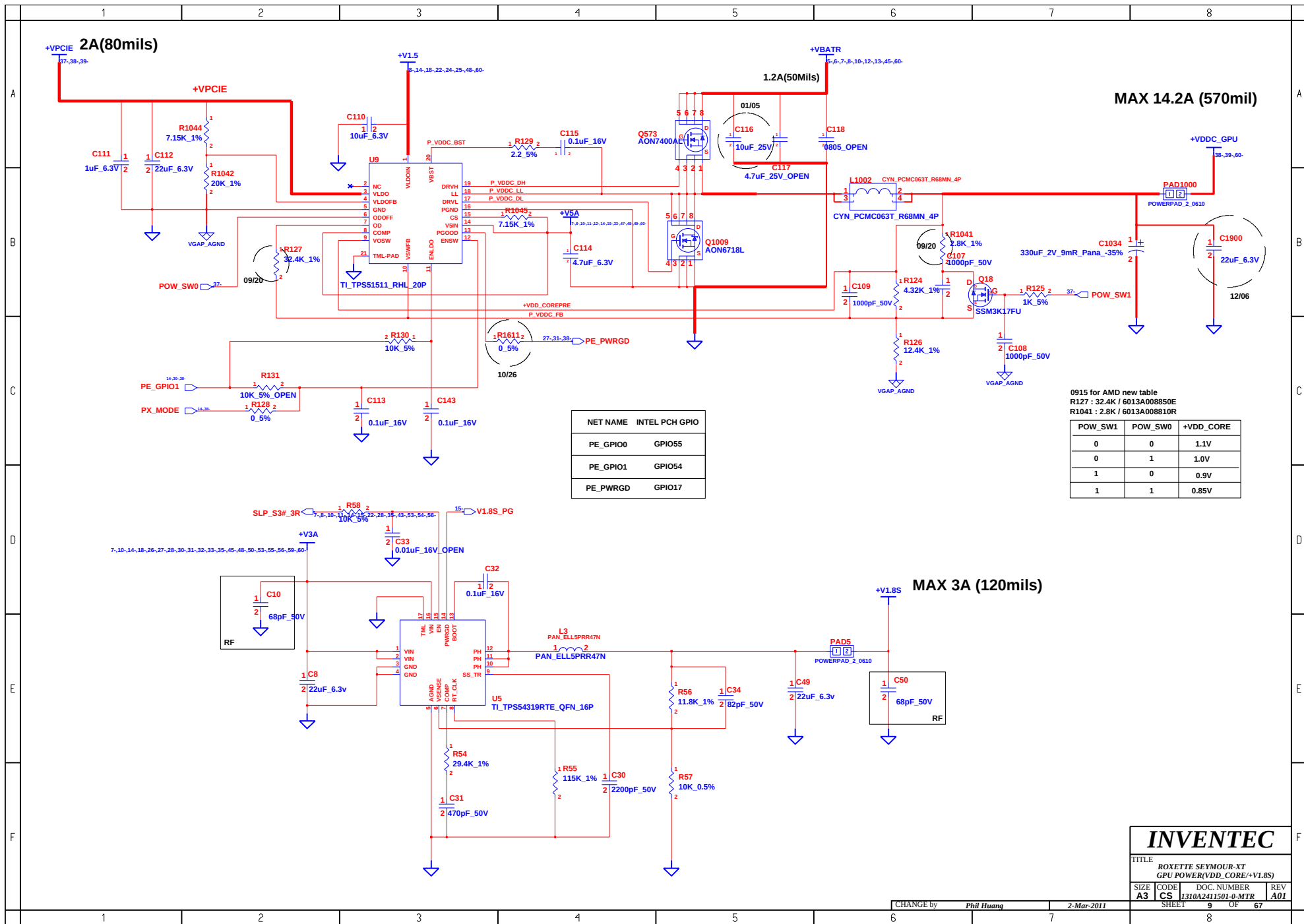


NOTE: DDR3 REGULATOR

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TITLE			
ROXETTE SEYMOUR-XT SYSTEM POWER(+V1.05M/+V1.5)			
SIZE	CODE	DOC. NUMBER	REV
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NET NAME	INTEL PCH GPIO
PE_GPIO0	GPIO55
PE_GPIO1	GPIO54
PE_PWRGD	GPIO17

0915 for AMD new table
R127 : 32.4K / 6013A008850E
R1041 : 2.8K / 6013A008810R

POW_SW1	POW_SW0	+VDD_CORE
0	0	1.1V
0	1	1.0V
1	0	0.9V
1	1	0.85V

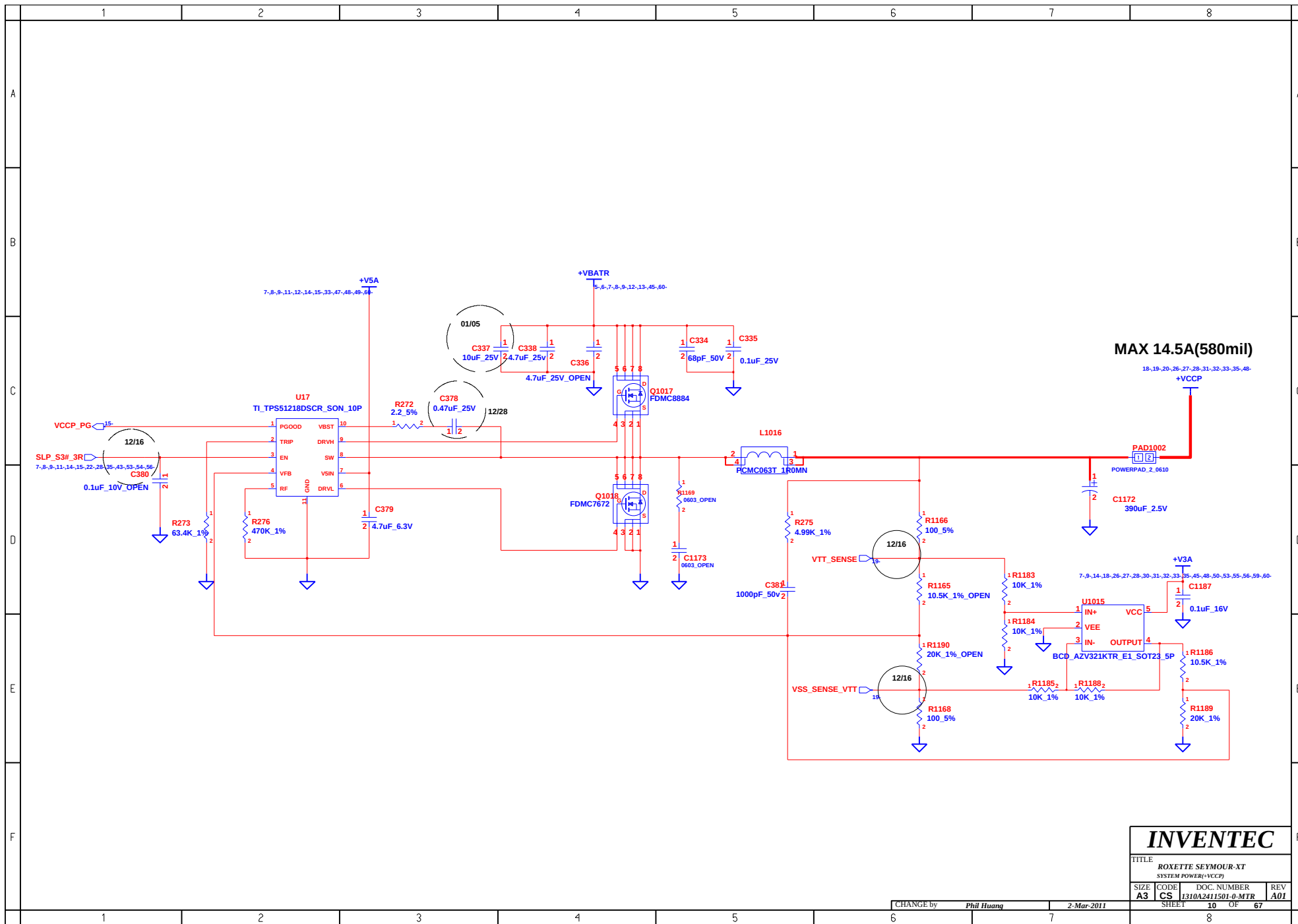
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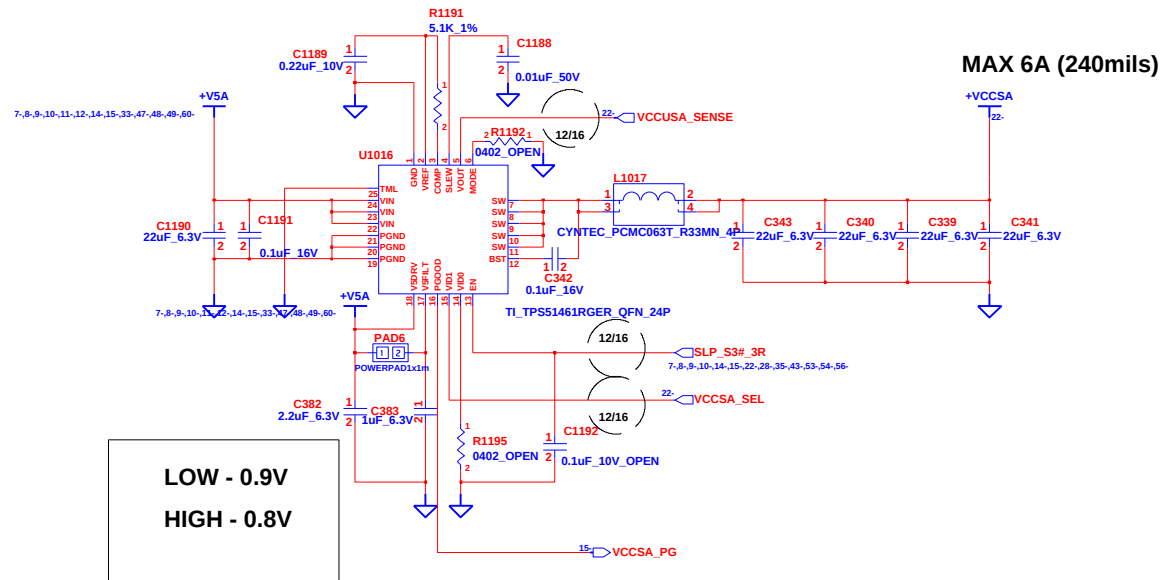
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ROXETTE SEYMOUR-XT
GPU POWER(VDD_CORE/+V1.8S)

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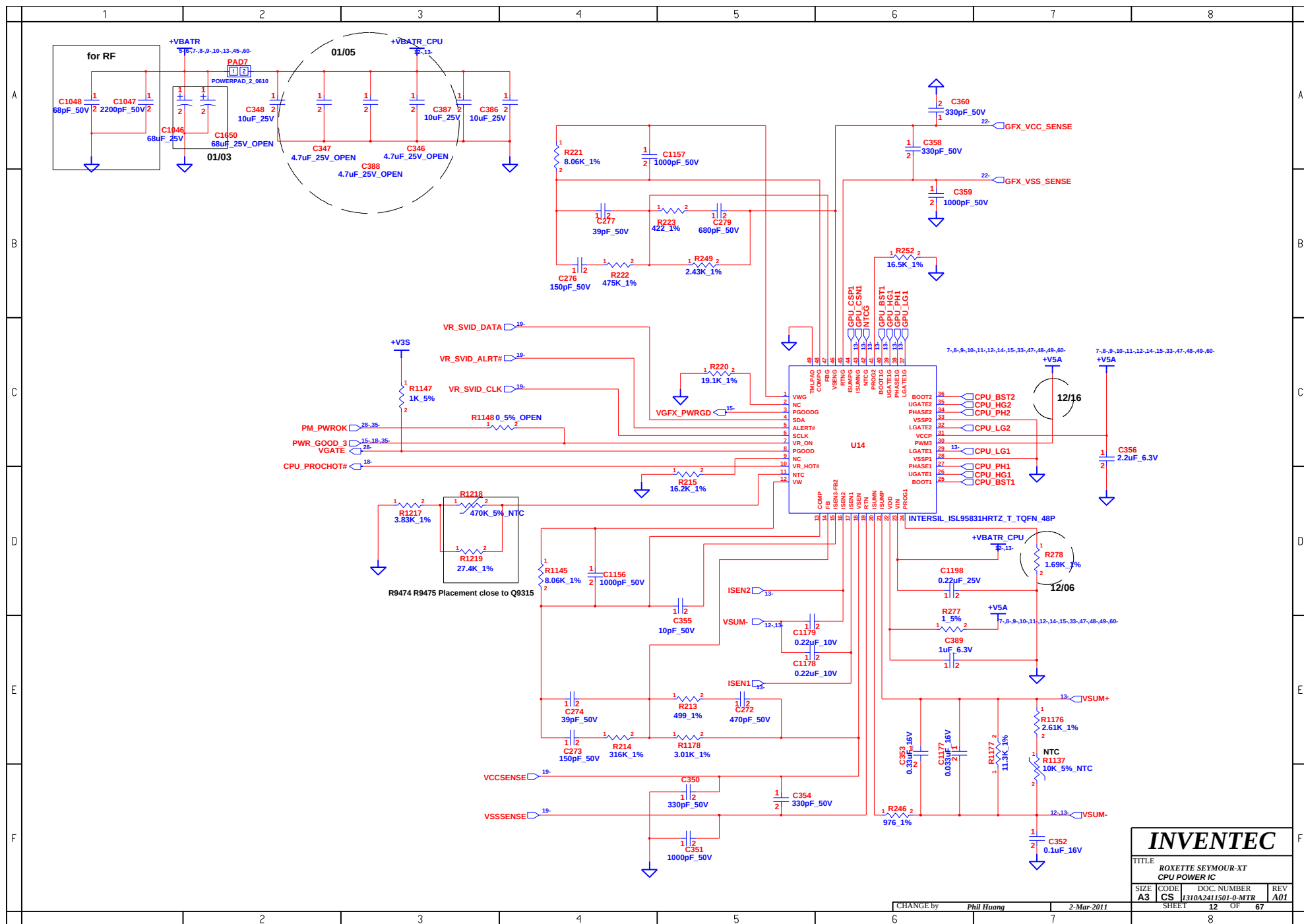
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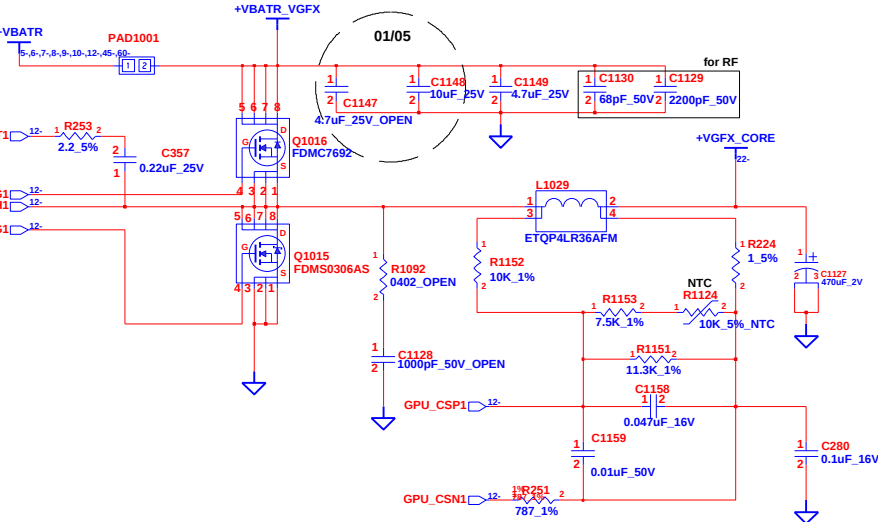
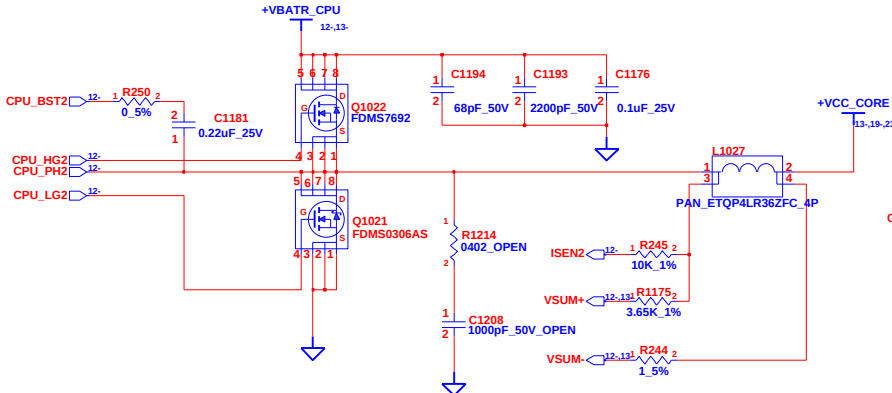
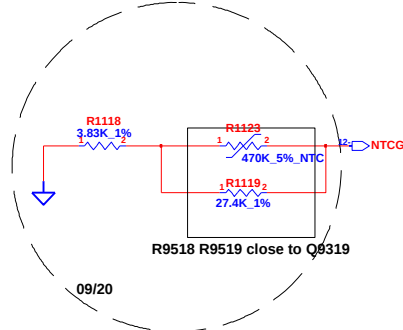
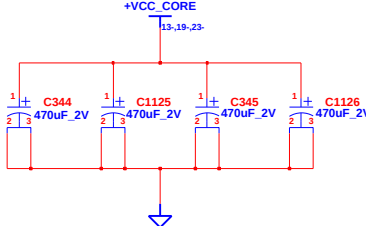
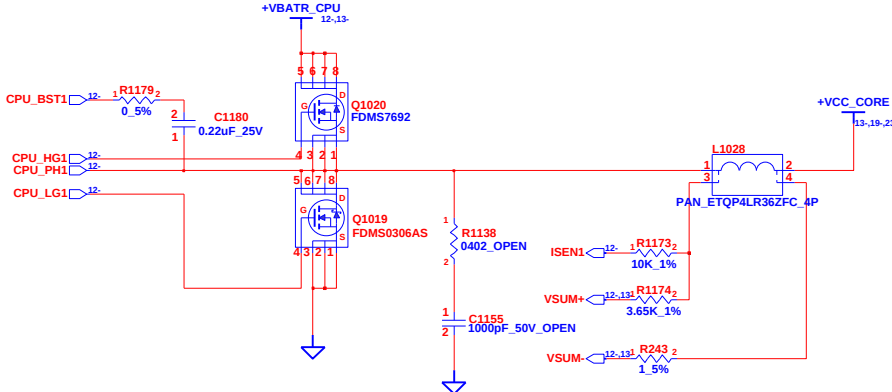




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ROXETTE SEYMOUR-XT CPU POWER(+VCCSA)			
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VCC_CORE (SV DC 35W-->MAX 53A)

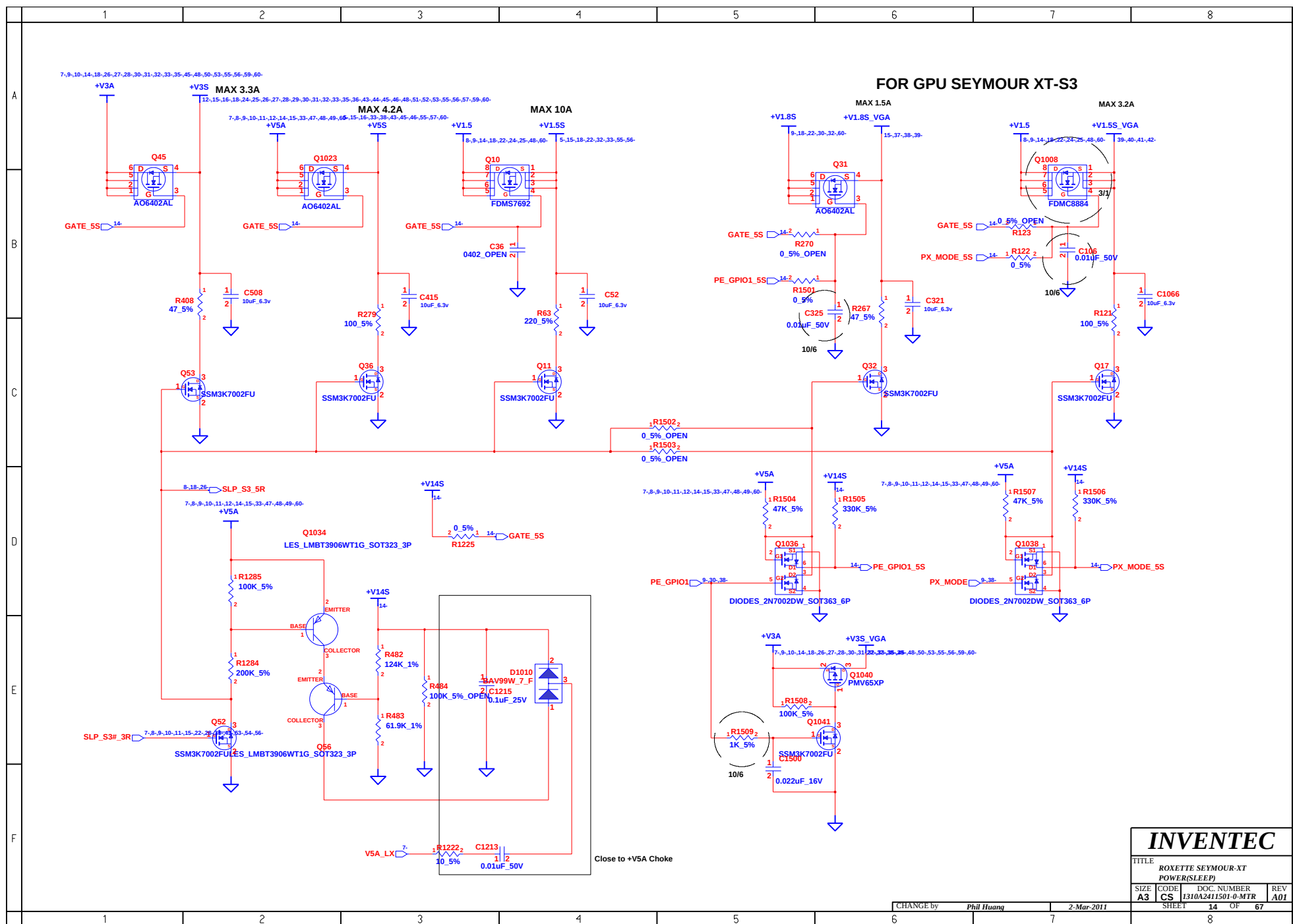


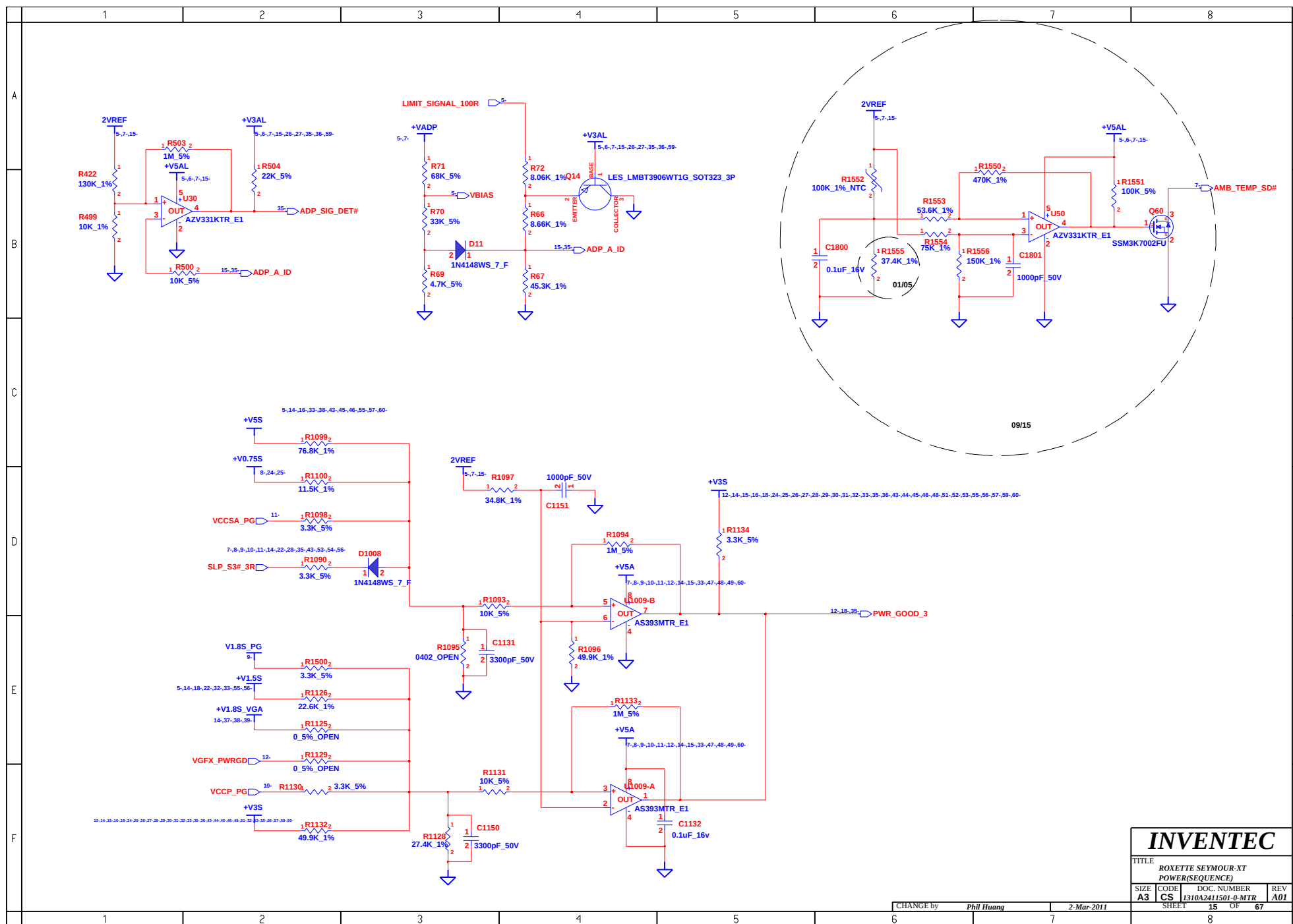
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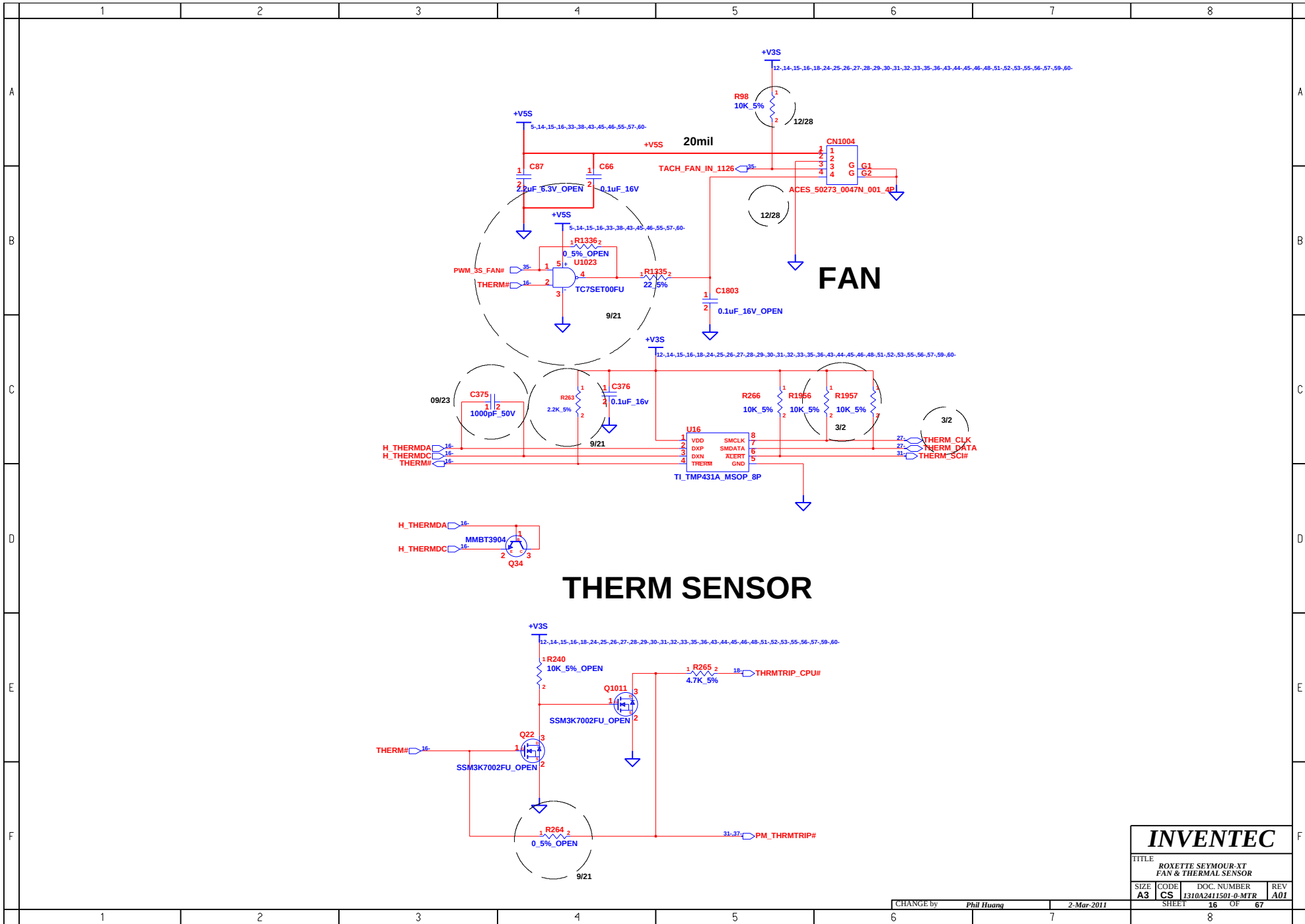
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ROXETTE SEYMOUR-XT +VCC_CORE & +VGFX_CORE			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
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CHANGE by	<i>Phil Huang</i>	2-Mar-2011
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8			

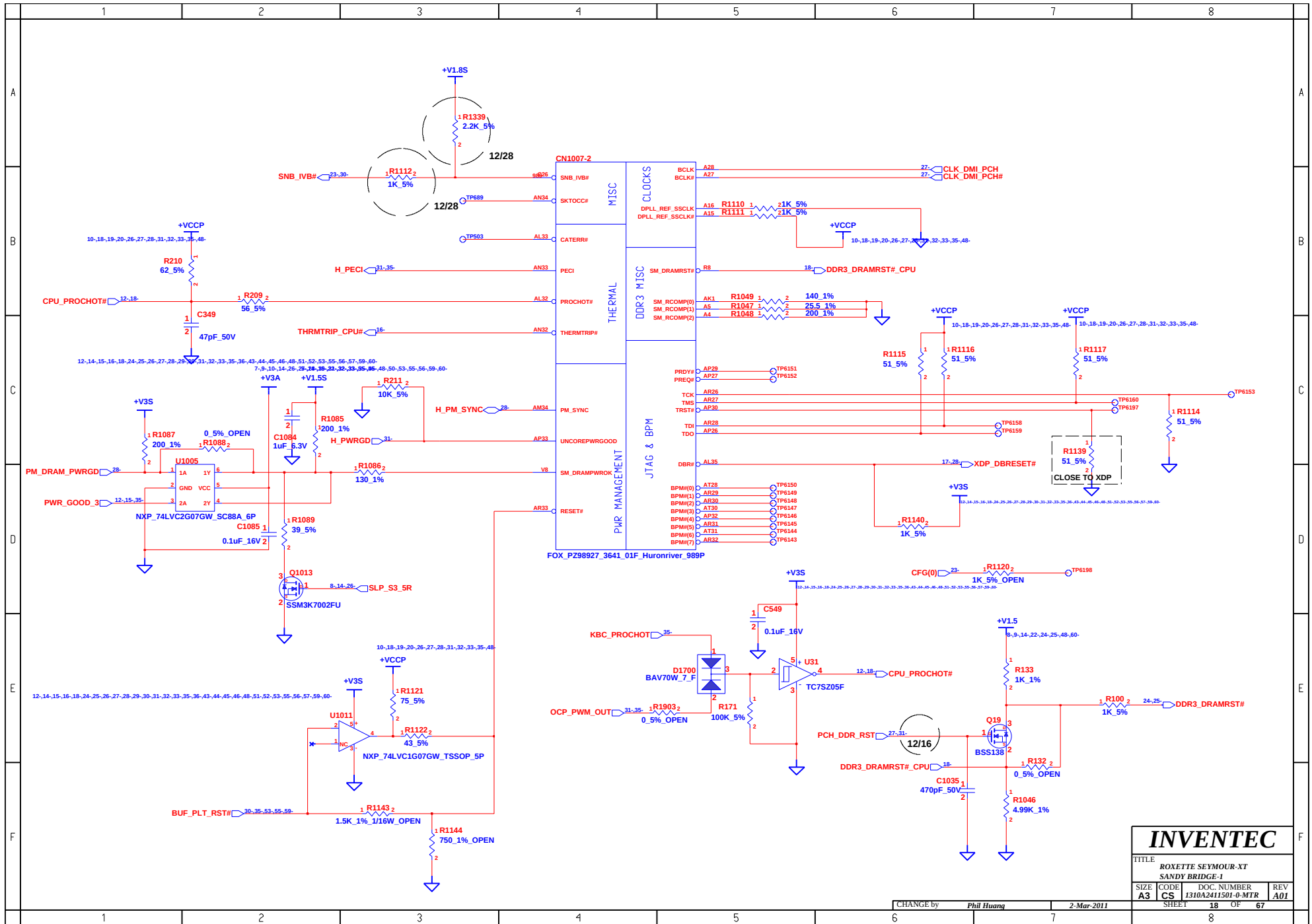








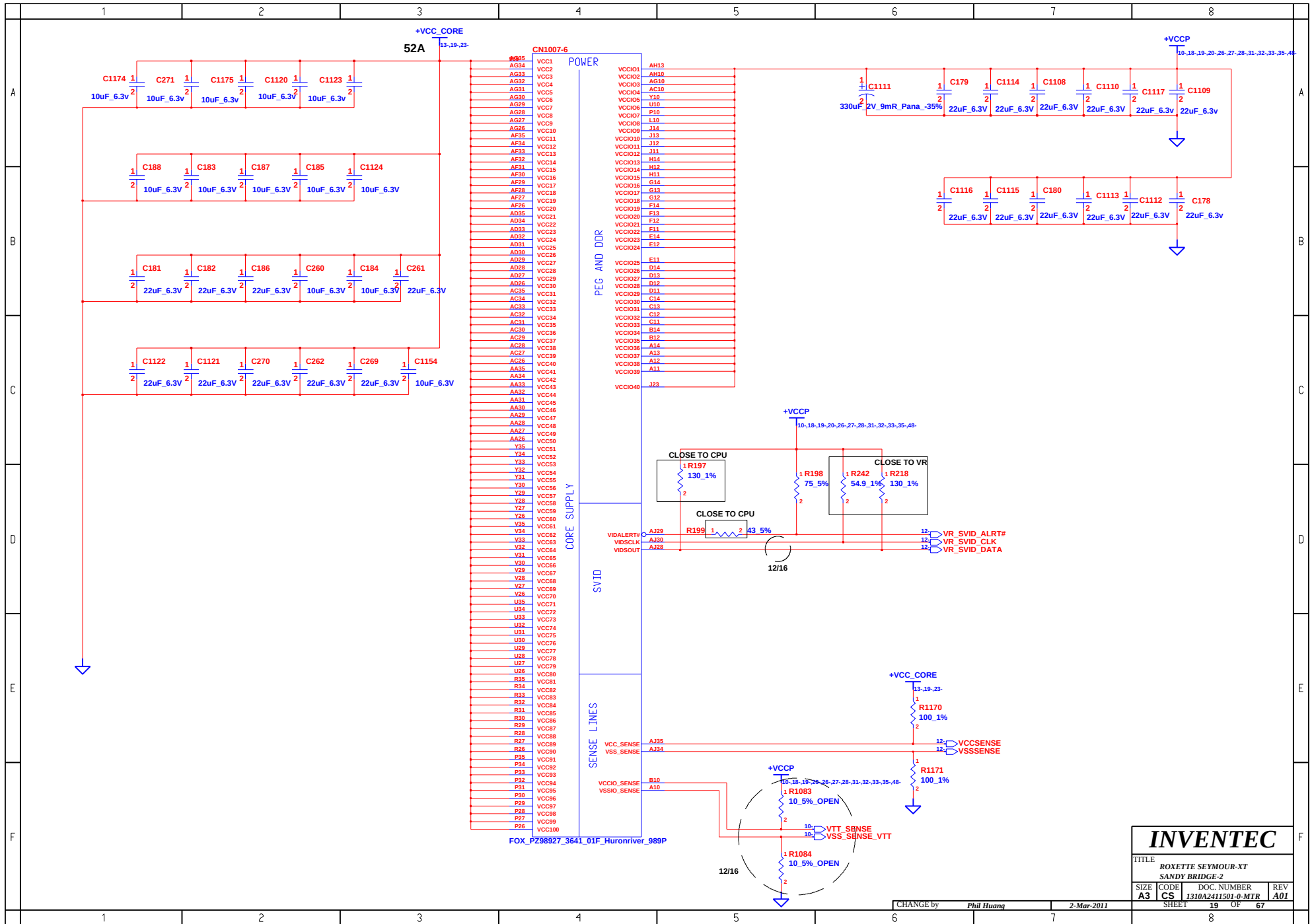
CHANGE by	<i>Phil Huang</i>	2-Mar-2011
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TITLE			
ROXETTE SEYMOUR-XT			
SANDY BRIDGE-1			
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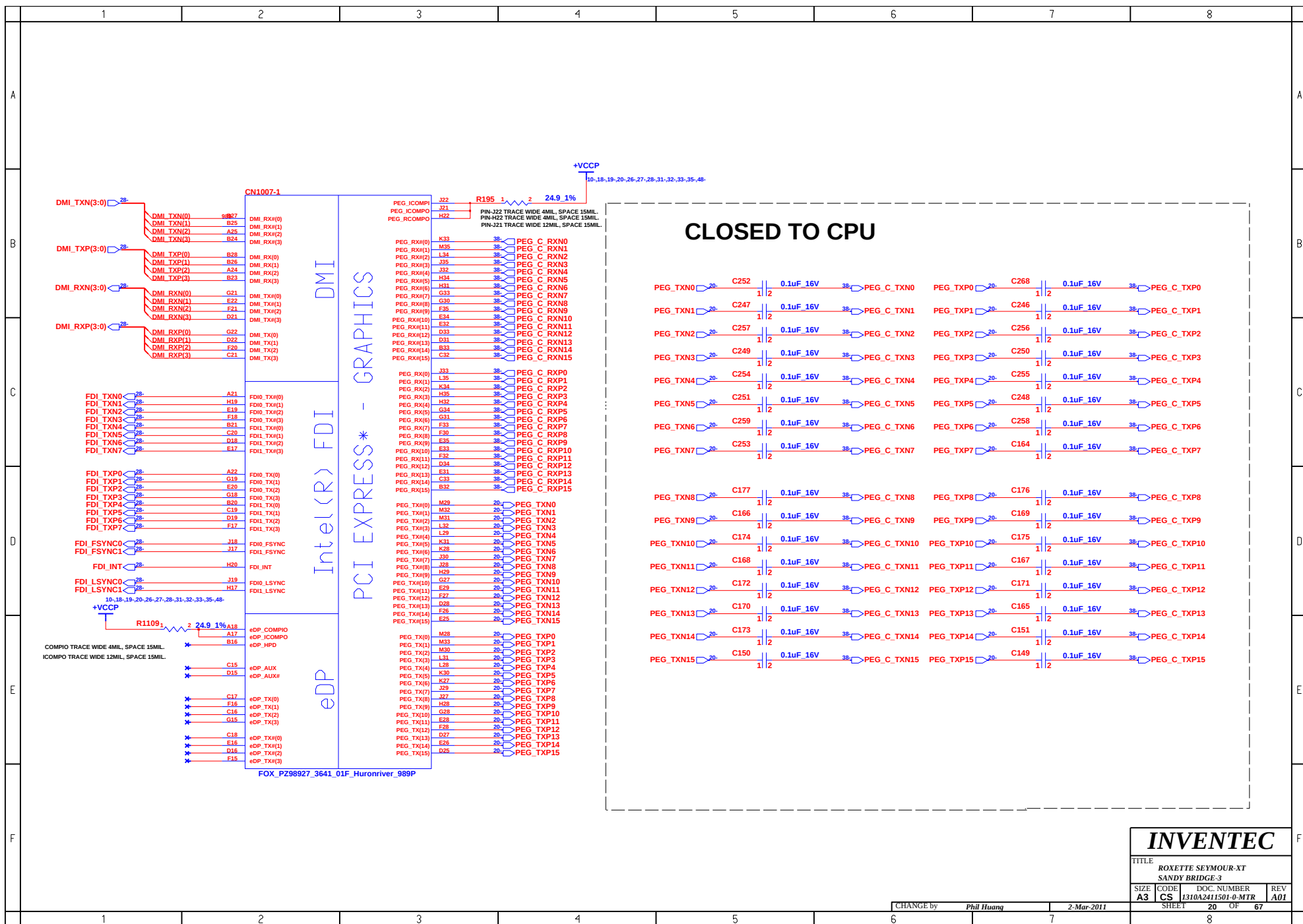
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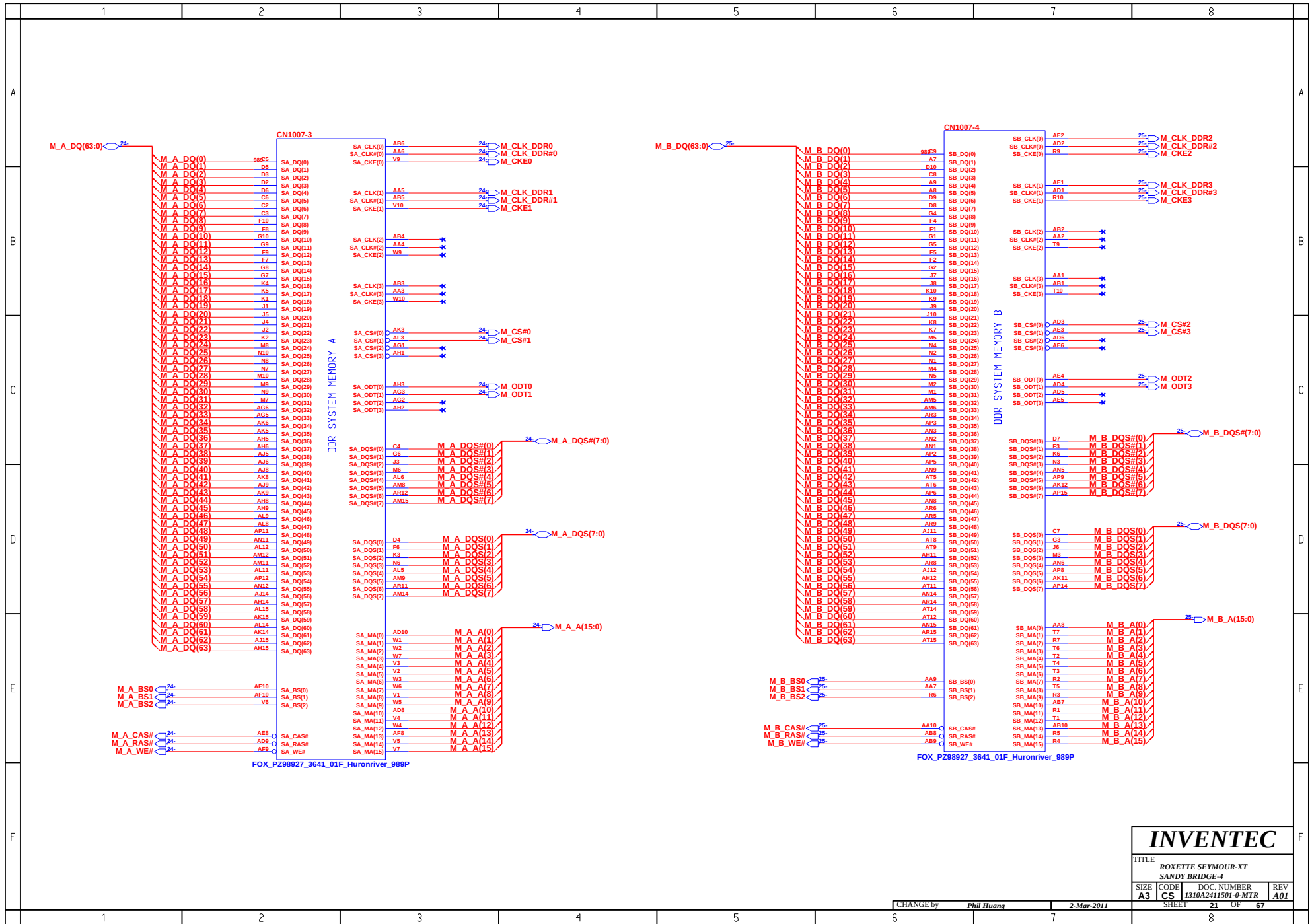


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SANDY BRIDGE-2			
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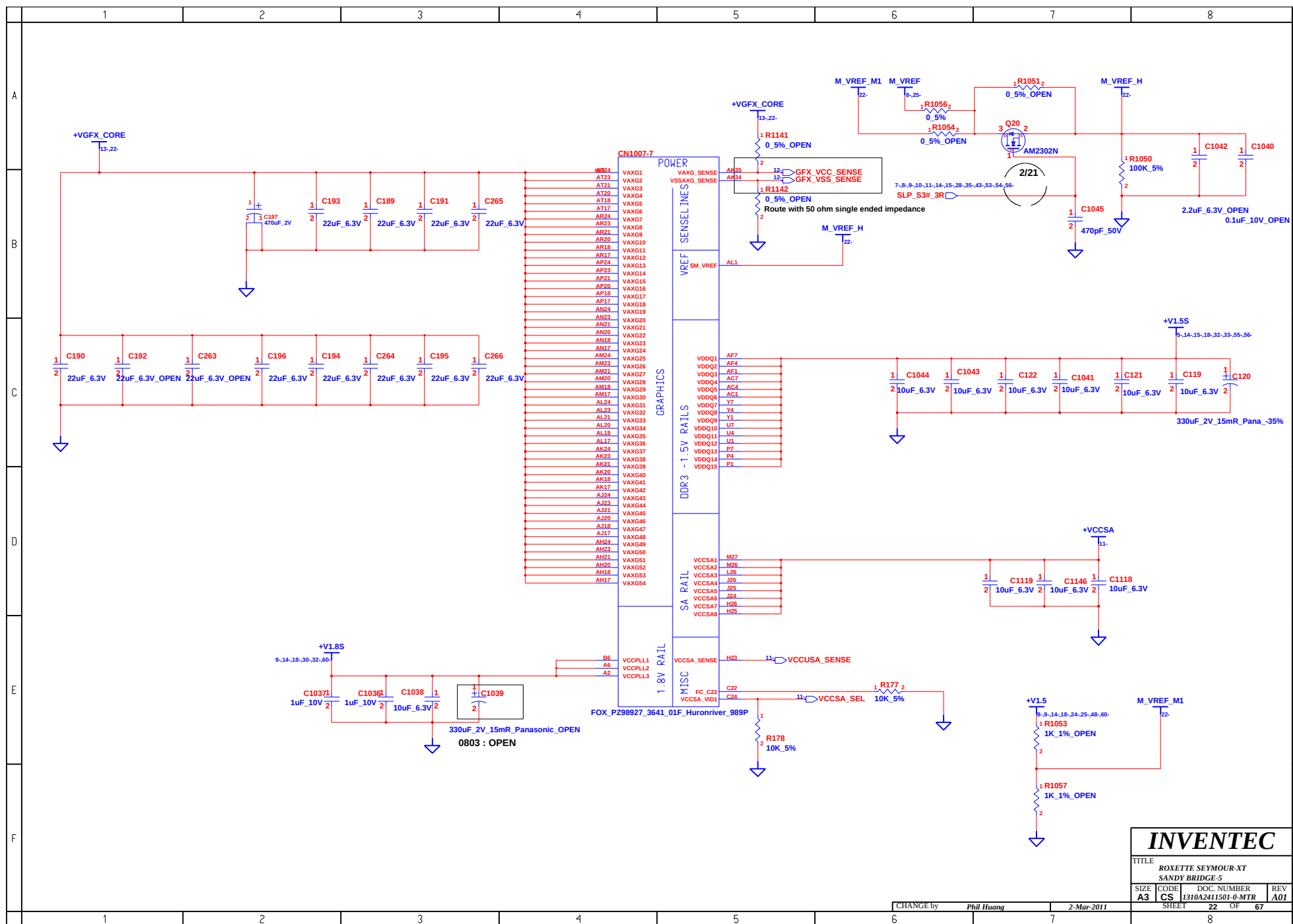
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ROXETTE SEYMOUR-XT
SANDY BRIDGE-4

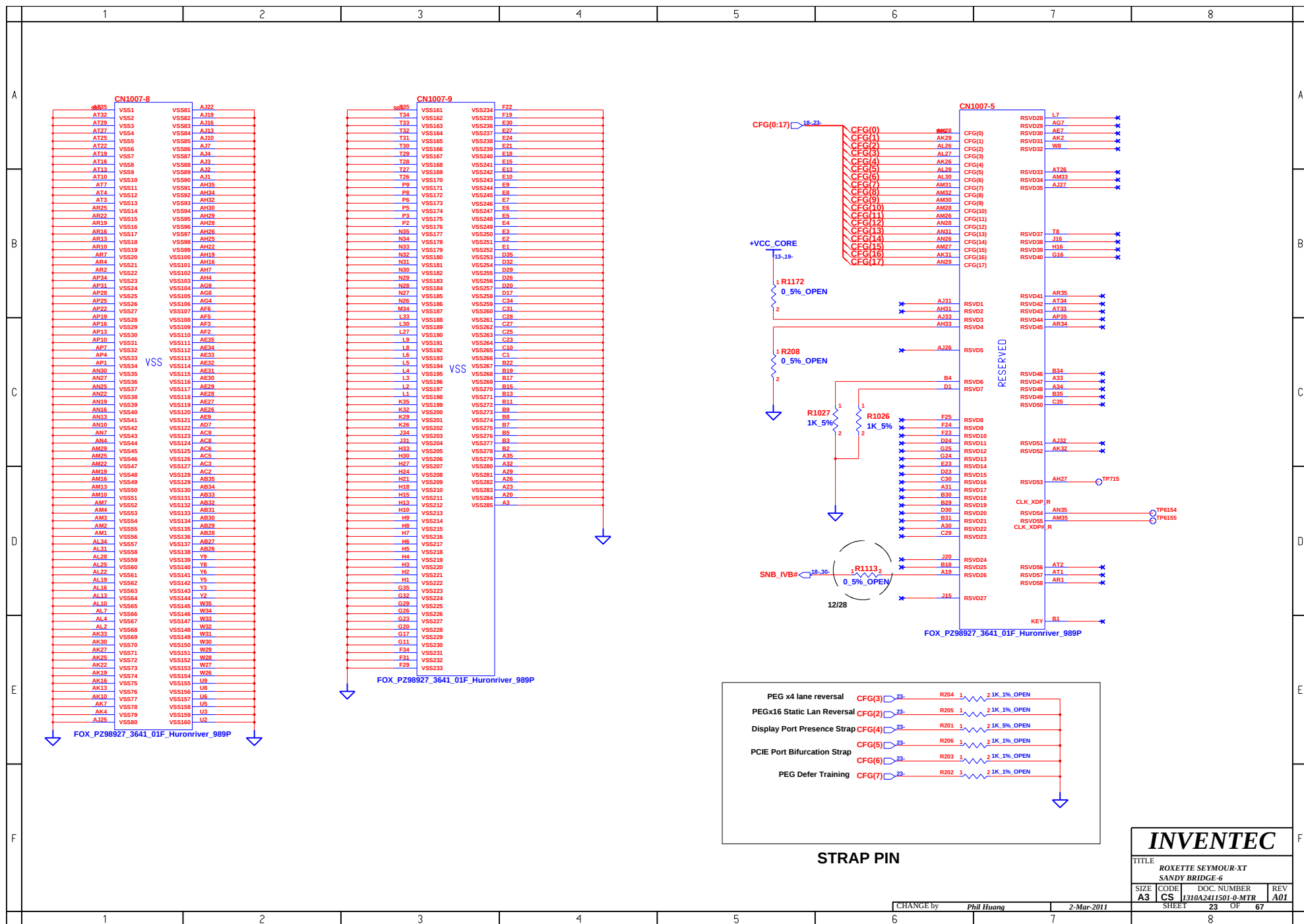
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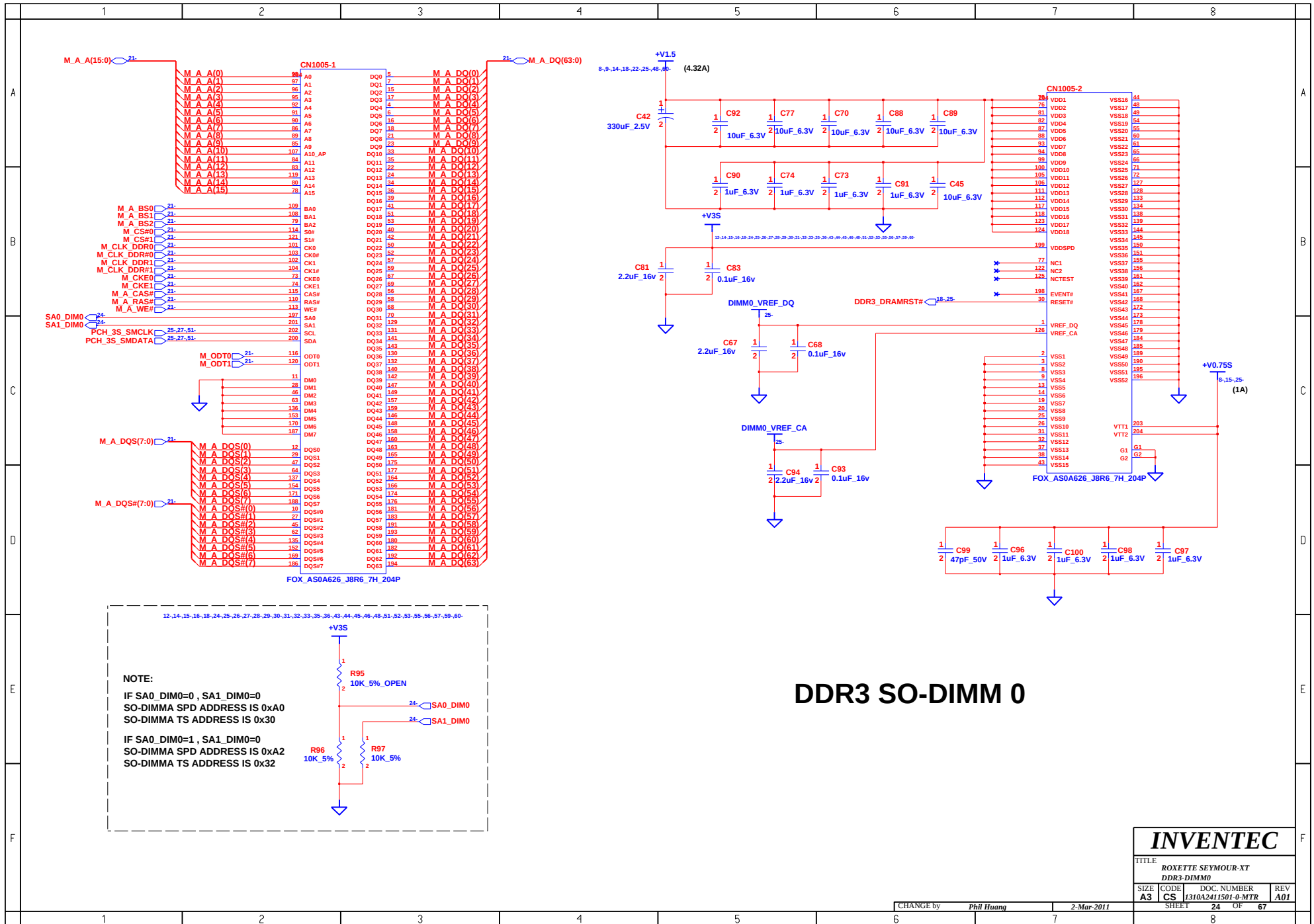
CHANGE by Phil Huang

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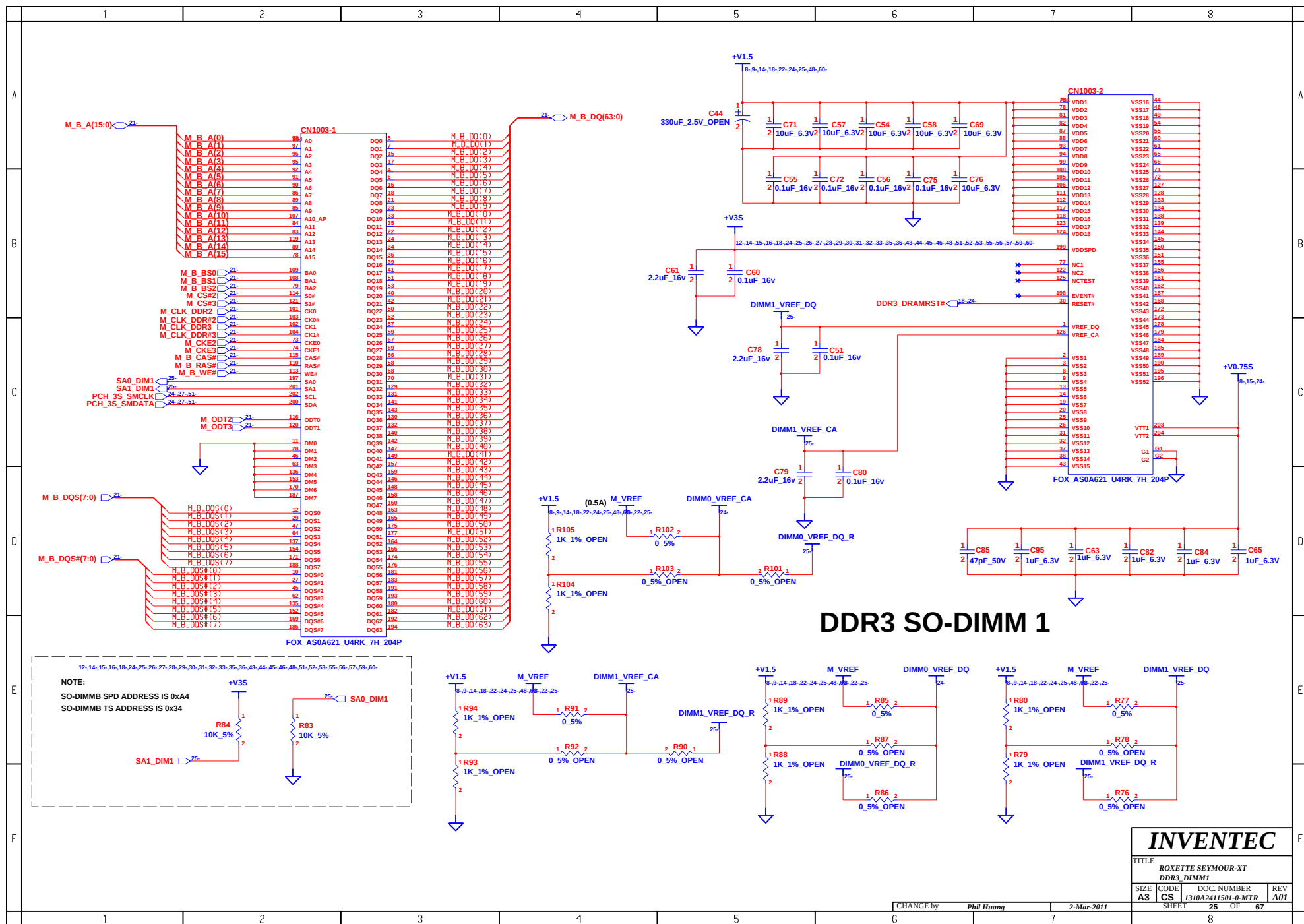


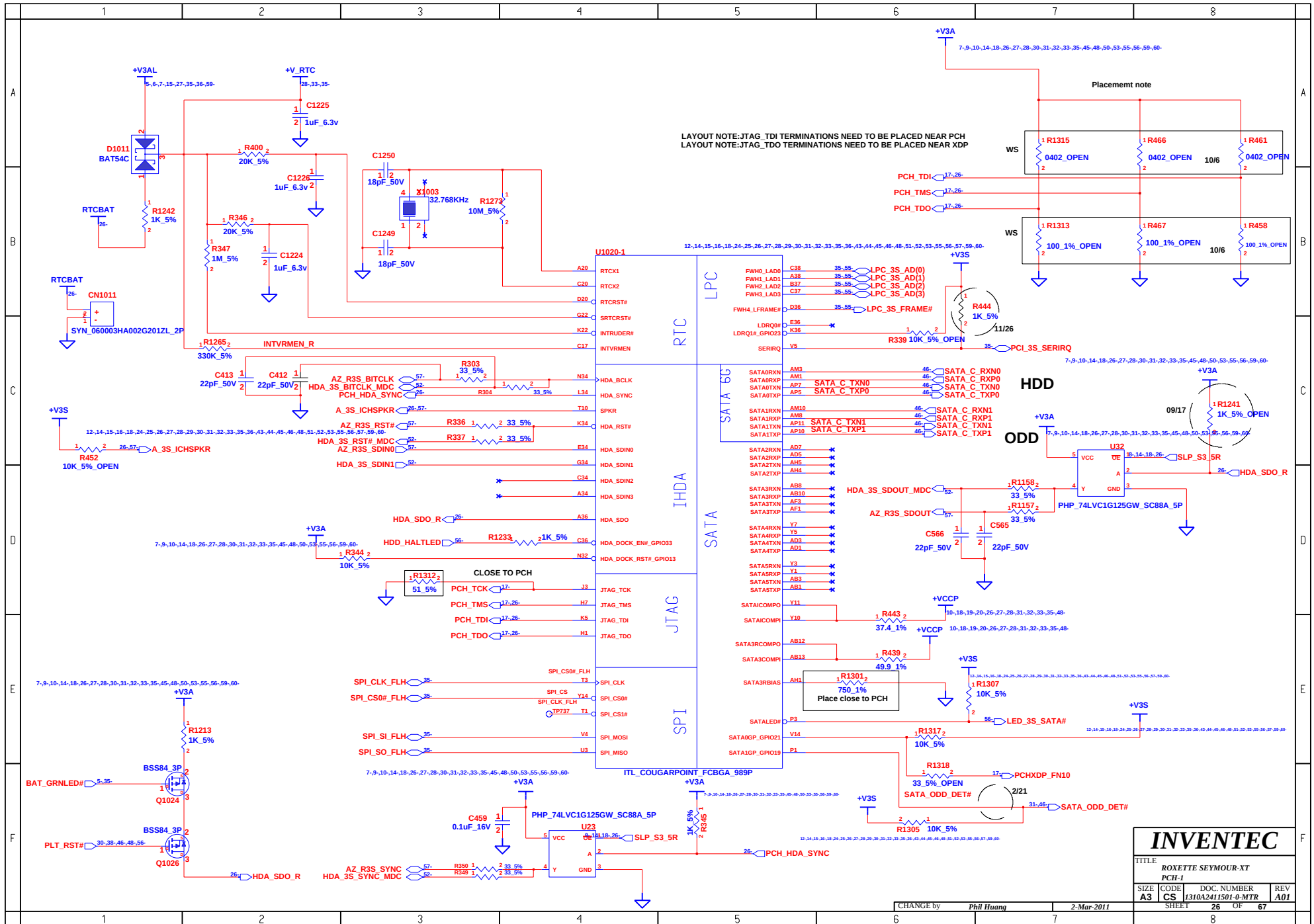


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DDR3-DIMM0			
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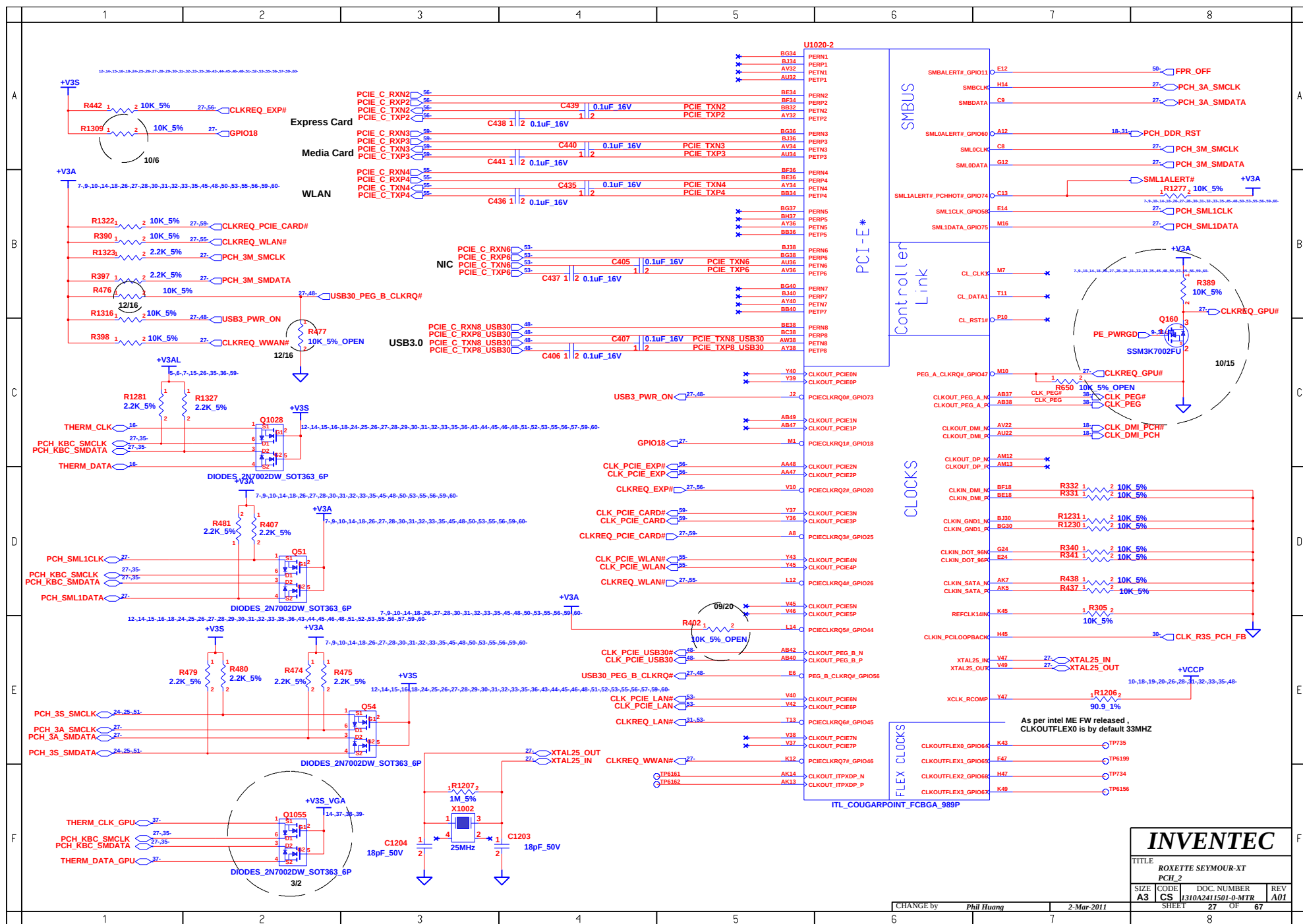




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ROXETTE SEYMOUR-XT			
PCH-1			
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A



2

A

0.6

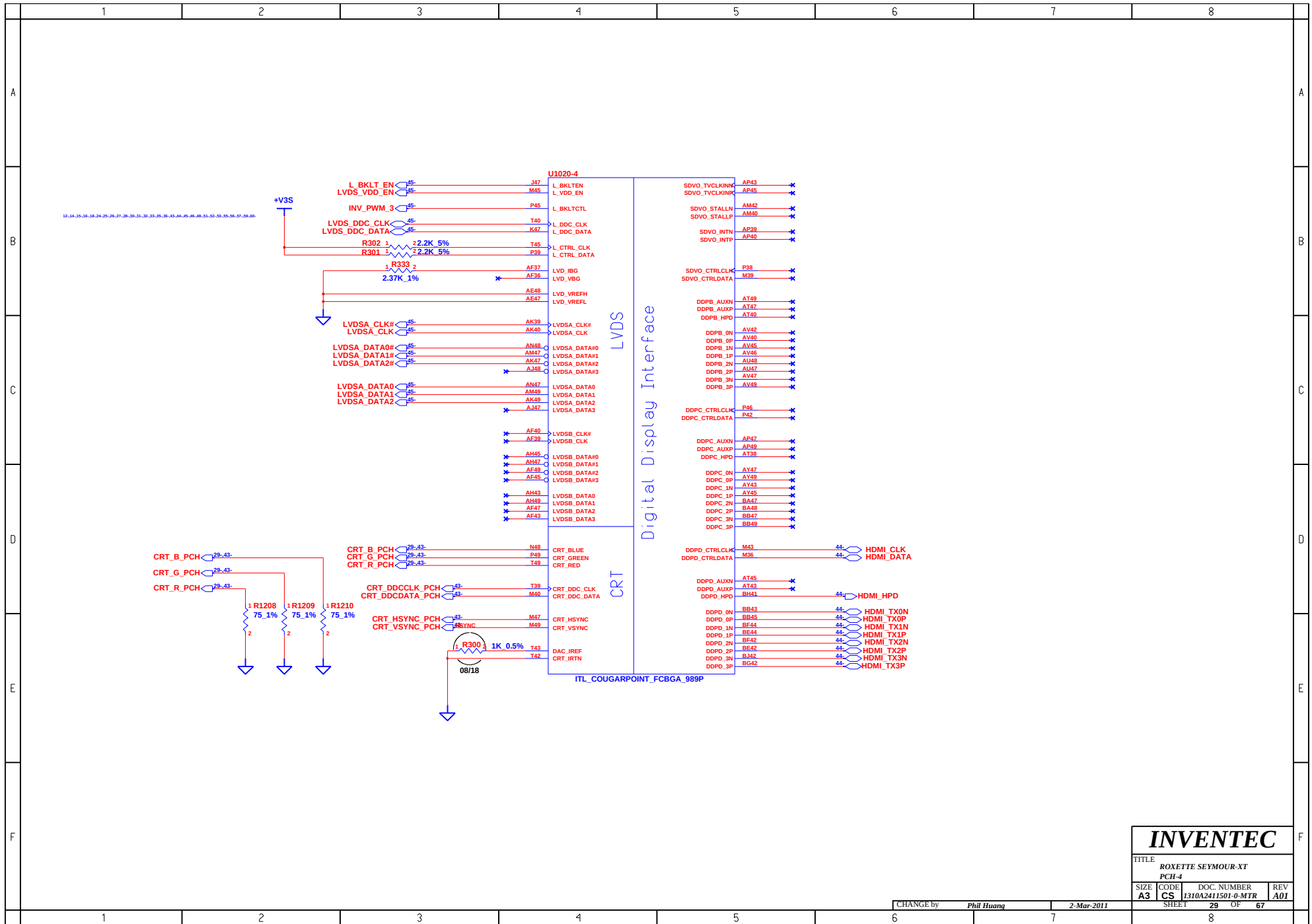
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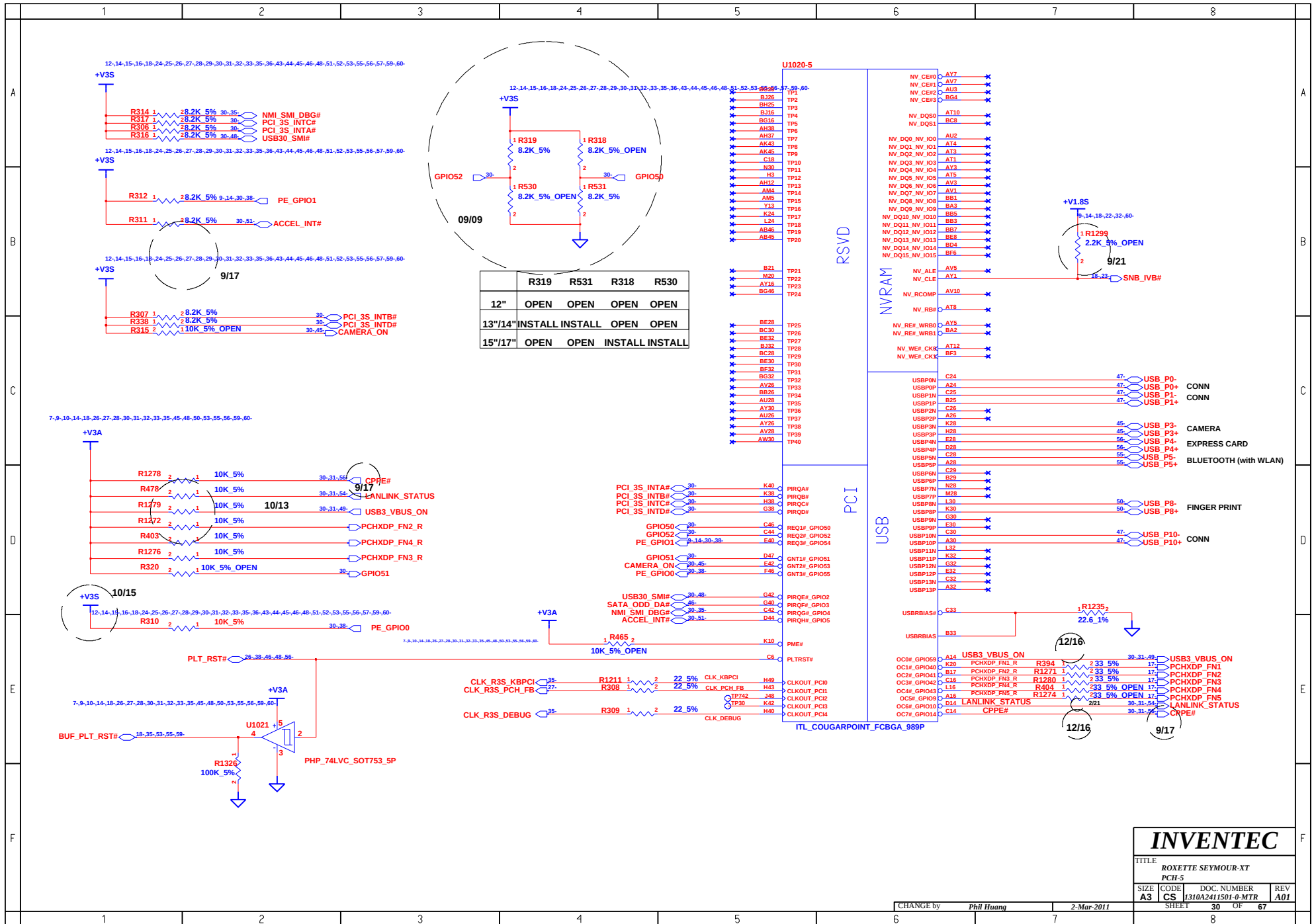
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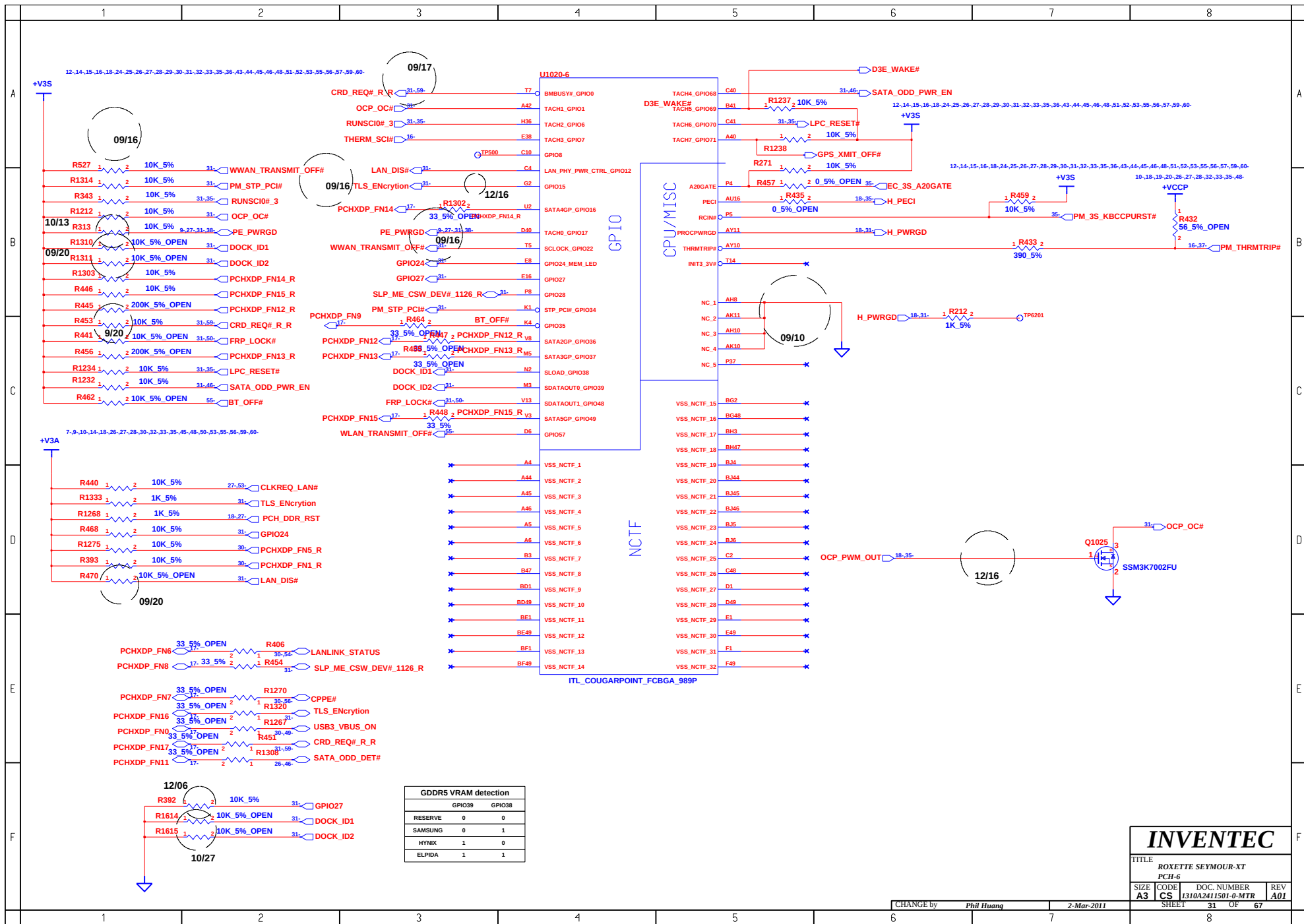


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ROXETTE SEYMOUR-XT			
PCH-4			
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CHANGE by Phil Huang 2-Mar-2011

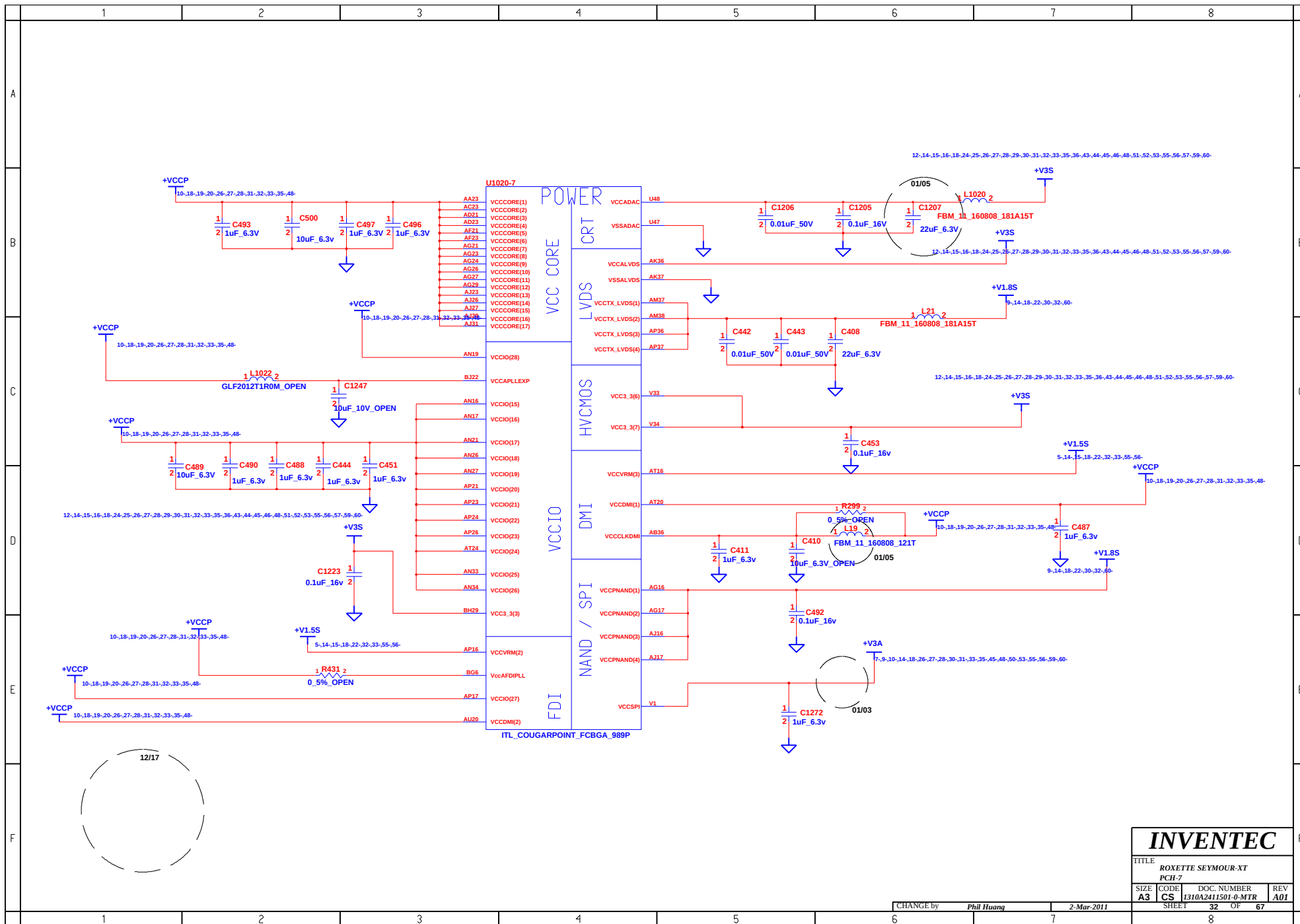




GDDR5 VRAM detection	
GPIO39	GPIO38
RESERVE	0 0
SAMSUNG	0 1
HYNIX	1 0
ELPIDA	1 1

INVENTEC			
TITLE ROXETTE SEYMOUR-XT PCH-6			
SIZE A3	CODE CS	DOC. NUMBER 1310A2411501-0-MTR	REV A01
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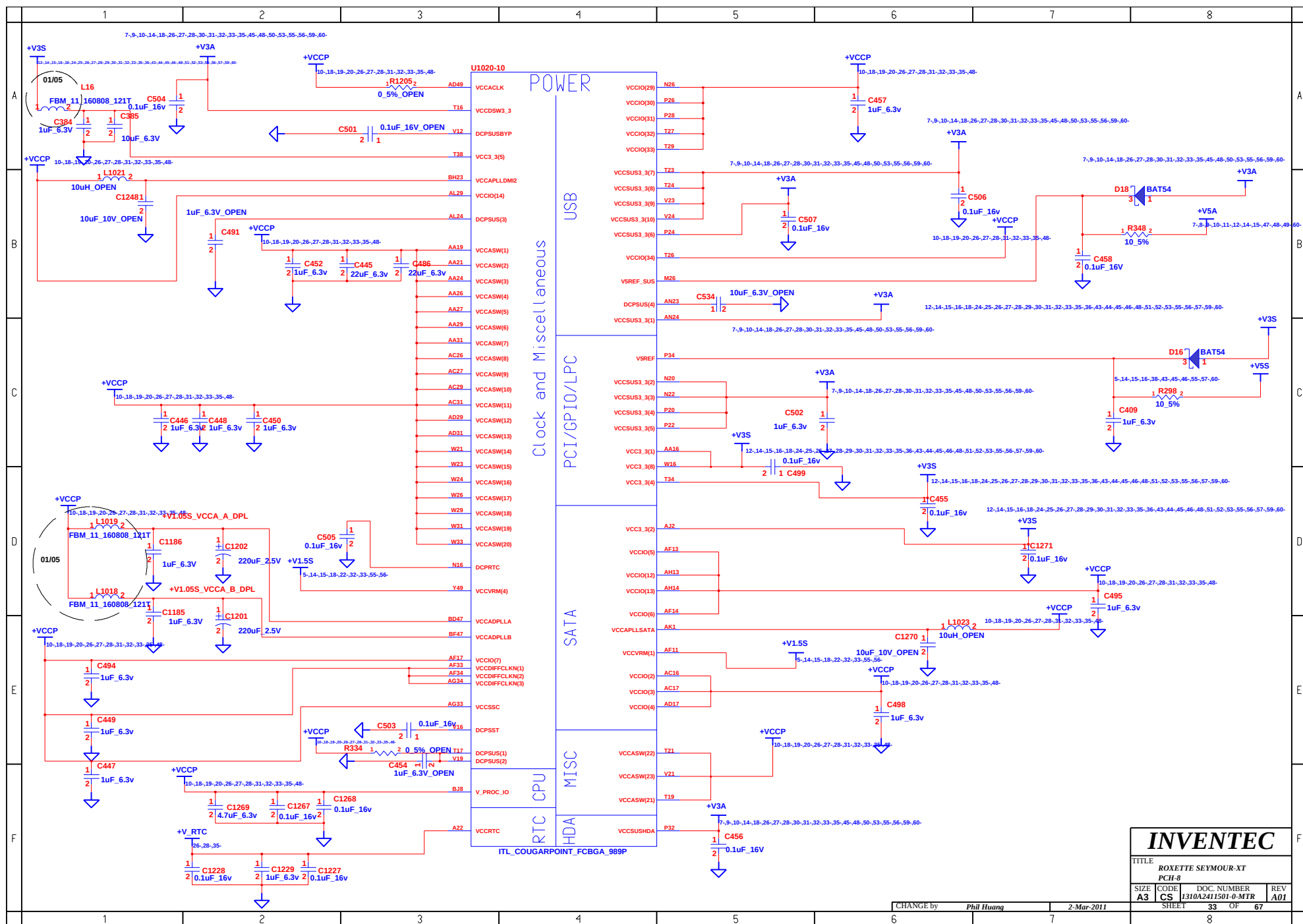
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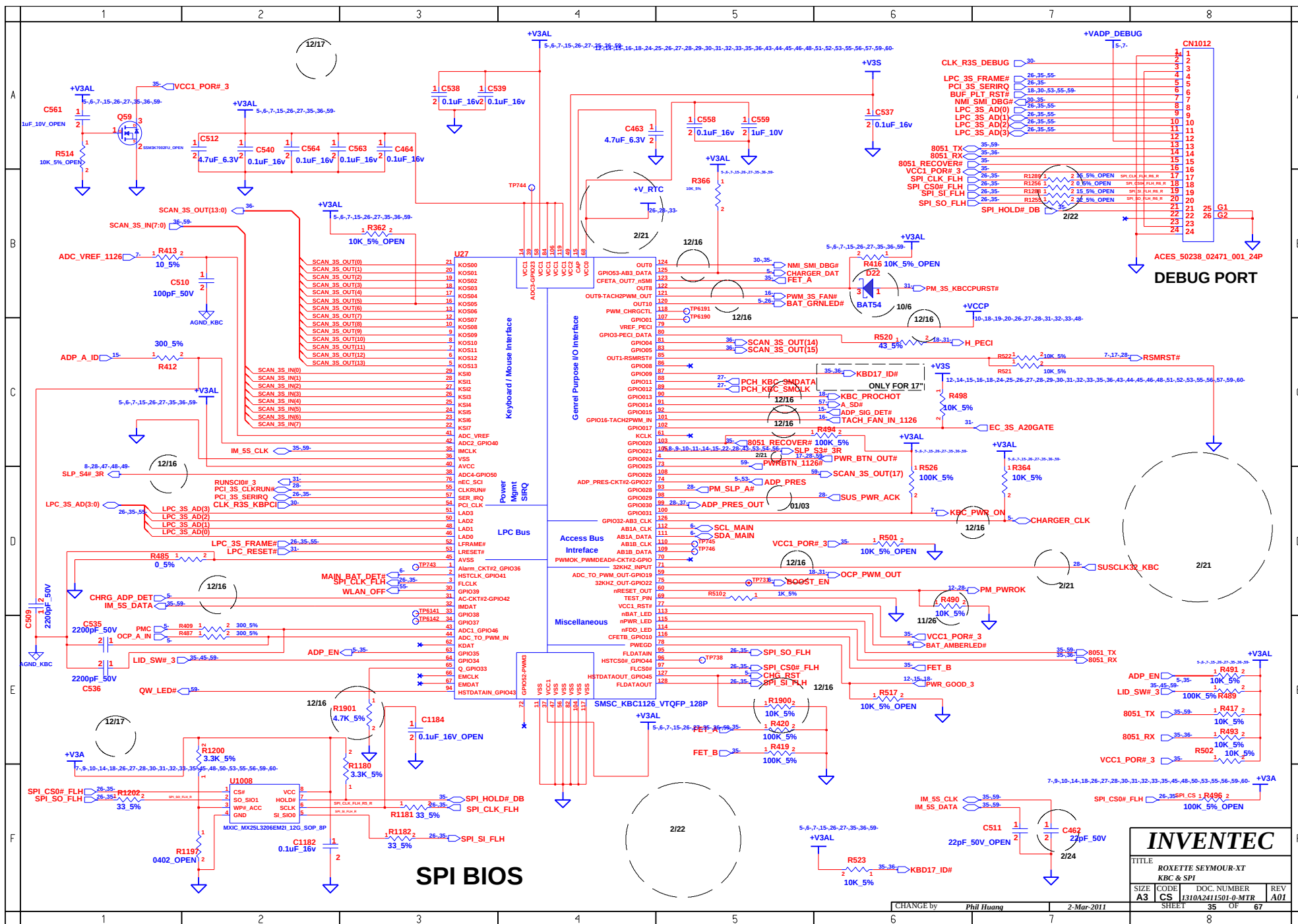


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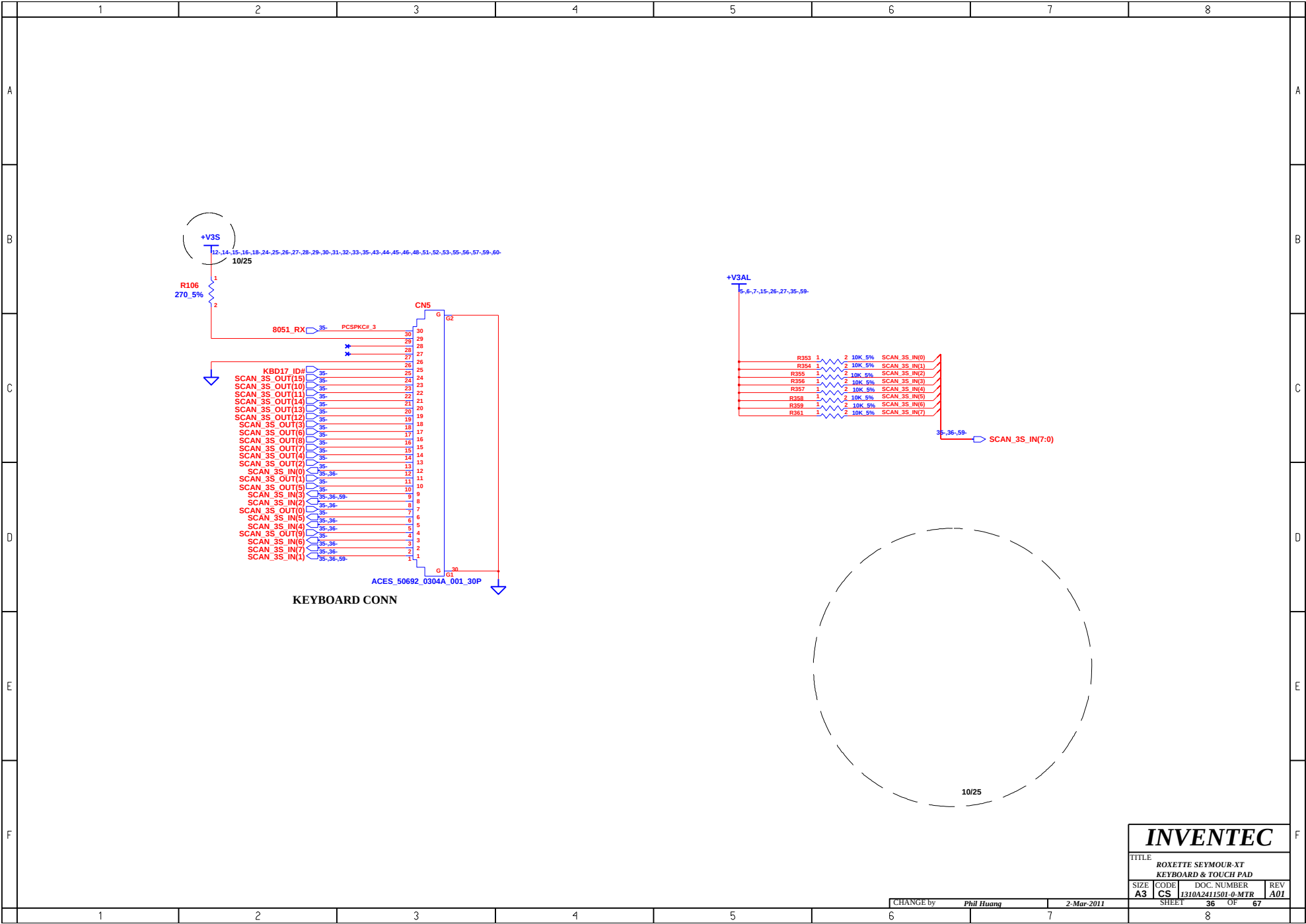




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TITLE			
ROXETTE SEYMOUR-XT			
KBC & SPI			
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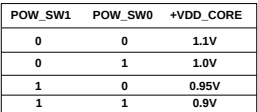
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GPIO_13	GPIO_12	GPIO_11	MEMORY APERTURE SIZE
0	0	1	512MB/256MB memory aperture (Default)
1	1	0	reserved

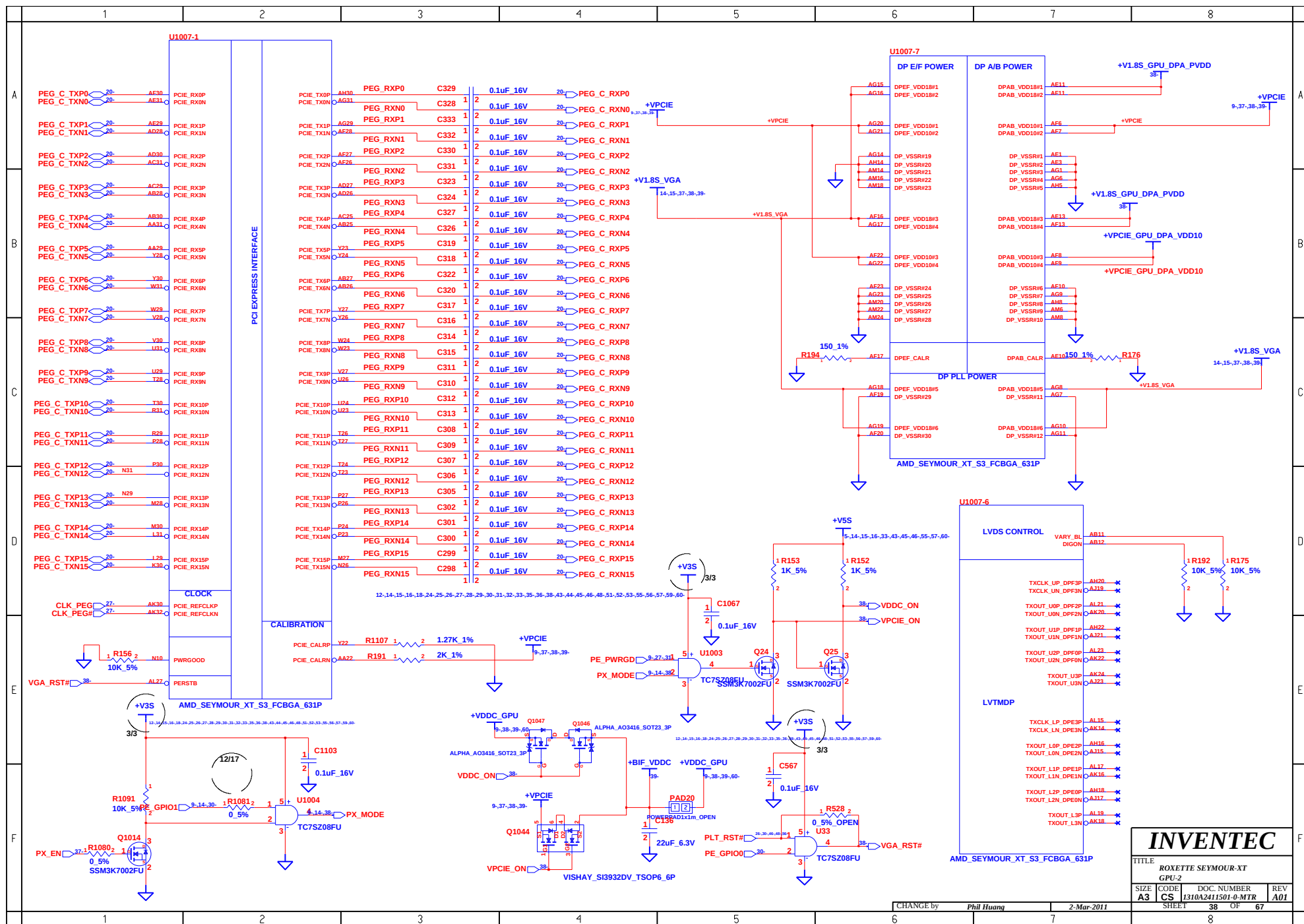
GPIO39	GPIO38	MEM_ID3	MEM_ID2	MEM_ID1	MEM_ID0	Vender	Die Ver
R131J1R1615	R1310R1614	R1079	R1078	R1076	R1077		
0	1	0	0	0	0	Samsung(32Mx32)-K4G10325FE-HC04	E
0	1			1	0	Samsung(32Mx32)-K4G10325FE-HC04	G
0	1			0	1	Samsung(4Mx32)-K4G25325FE-HC04	C
1	0	0	0	0	0	Hynix(32Mx32)-HS5GQ1J24AFR-72C	A(ORION)
1	0	0	1	0	0	Hynix(32Mx32)-HS5GQ2H24BFR-72C	B(VEGA)
1	0	0	0	1	0	Hynix(64Mx32)-HS5GQ2H24MFR-72C	M(VEGA)
1	1	0	0	0	0	Elpida(32Mx32)-EDW1032BAGB-50-F	A
1	1	1	1	1	0	Elpida(32Mx32)-TBD	B
1	1	1	0	1	0	Elpida(64Mx32)-EDW2032BAGB-50-F	A
1	1			1	1	Elpida(64Mx32)-TBD	B

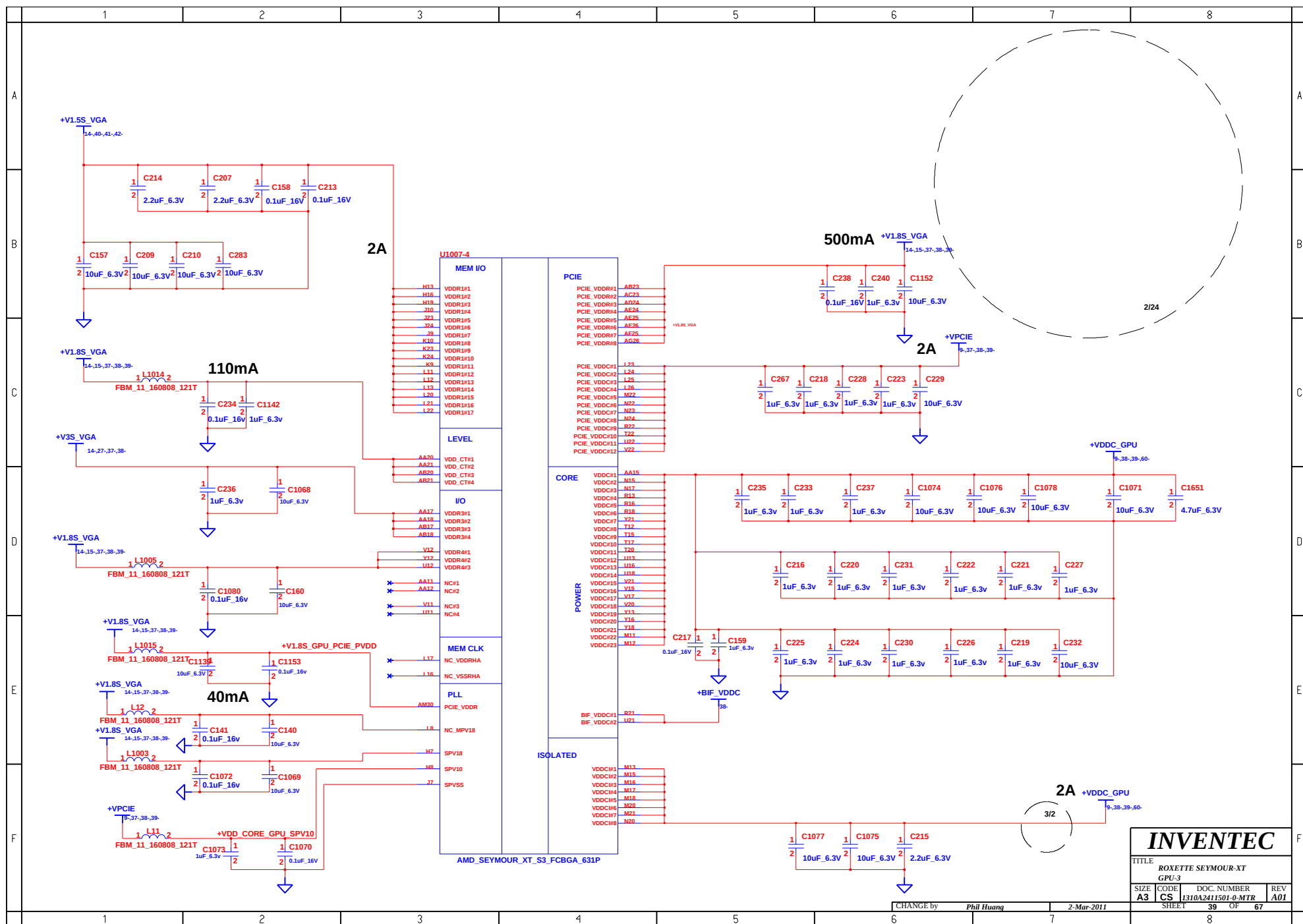
MEM_ID1 : 0 = OLD DIE , 1 = NEW DIE
MEM_ID0 : 0 = 512MB , 1 = 1GB

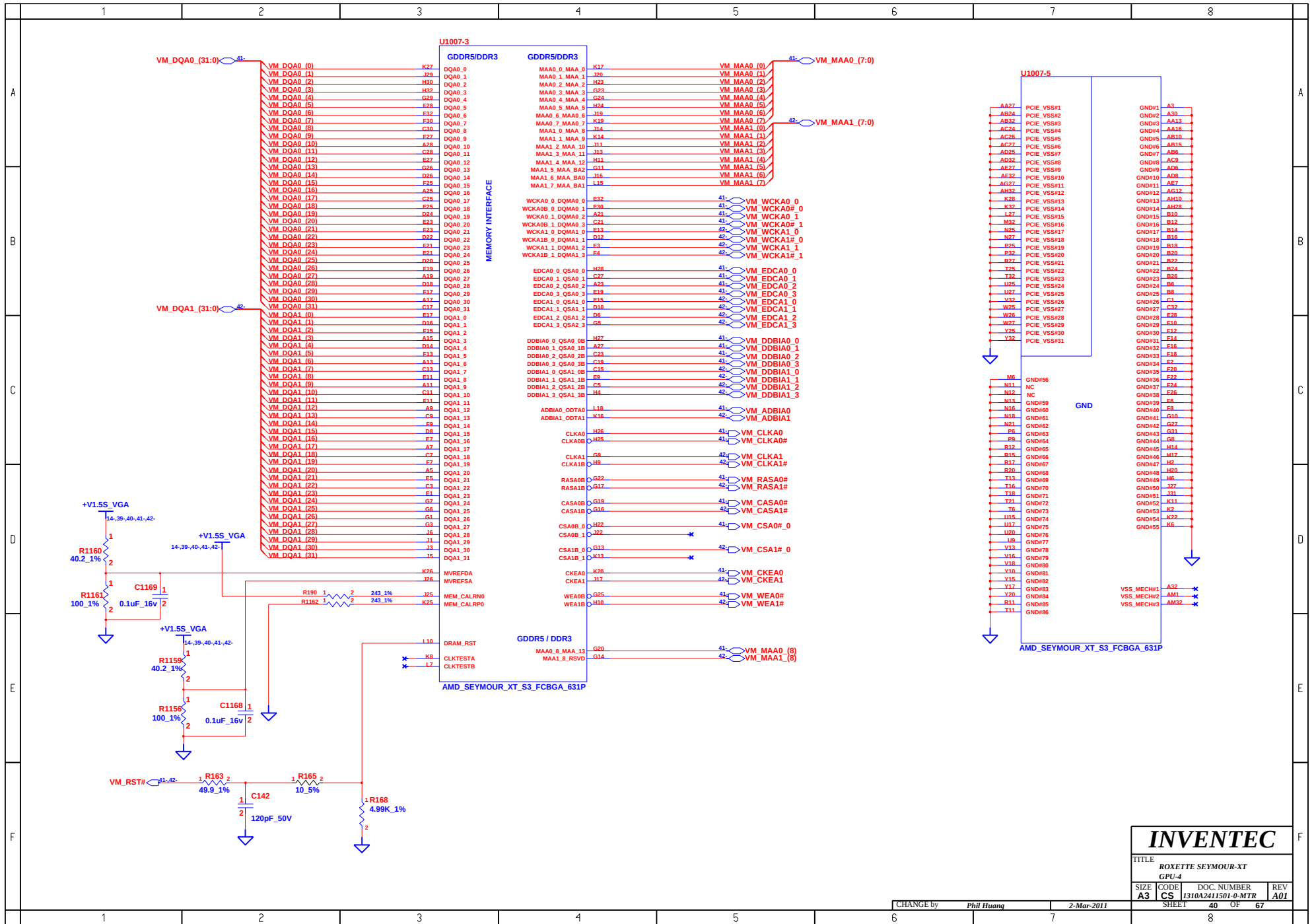


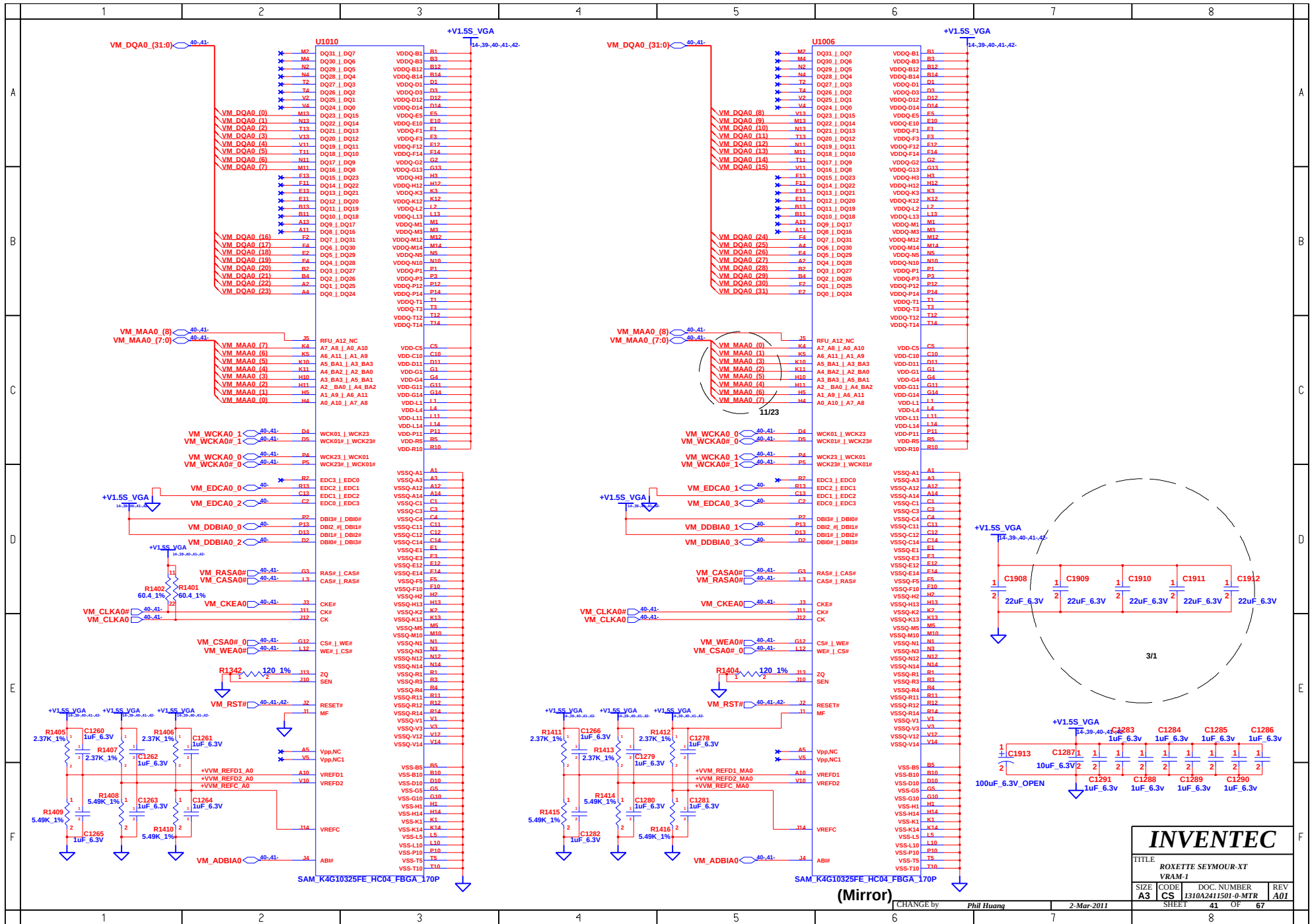
X = DESIGN DEPENDANT
0 = DO NOT INSTALL RESISTOR
1 = INSTALL 10K RESISTOR

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TITLE ROXETTE SEYMOUR-XT GPU-1			
SIZE A3	CODE CS	DOC. NUMBER 1310A2411501-0-MTR	REV. A
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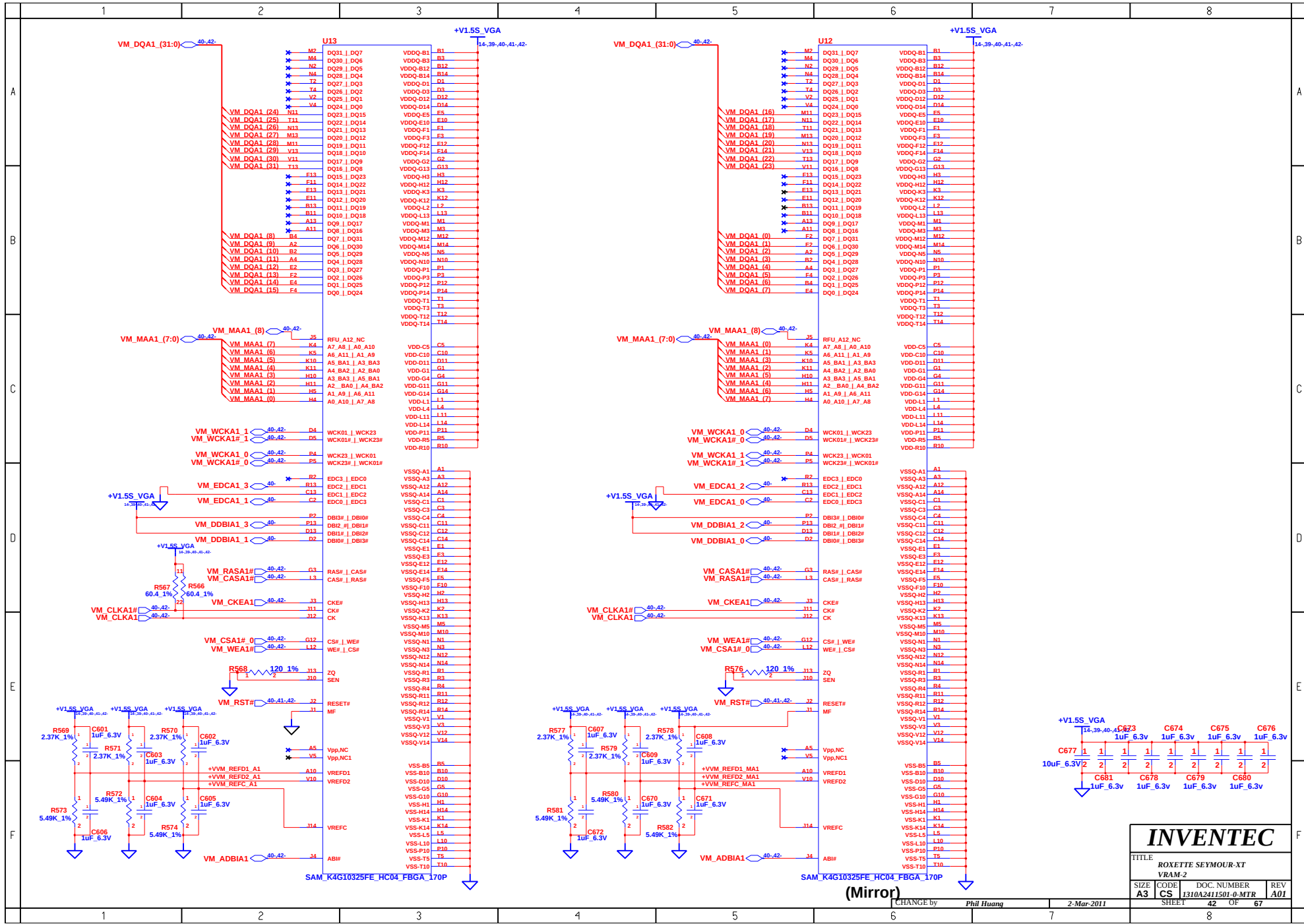






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TITLE			
ROXETTE SEYMOUR-XT			
VRAM-1			
SIZE	CODE	DOC. NUMBER	REV
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TITLE
ROXETTE SEYMOUR-XT
VRAM-2

SIZE
A3

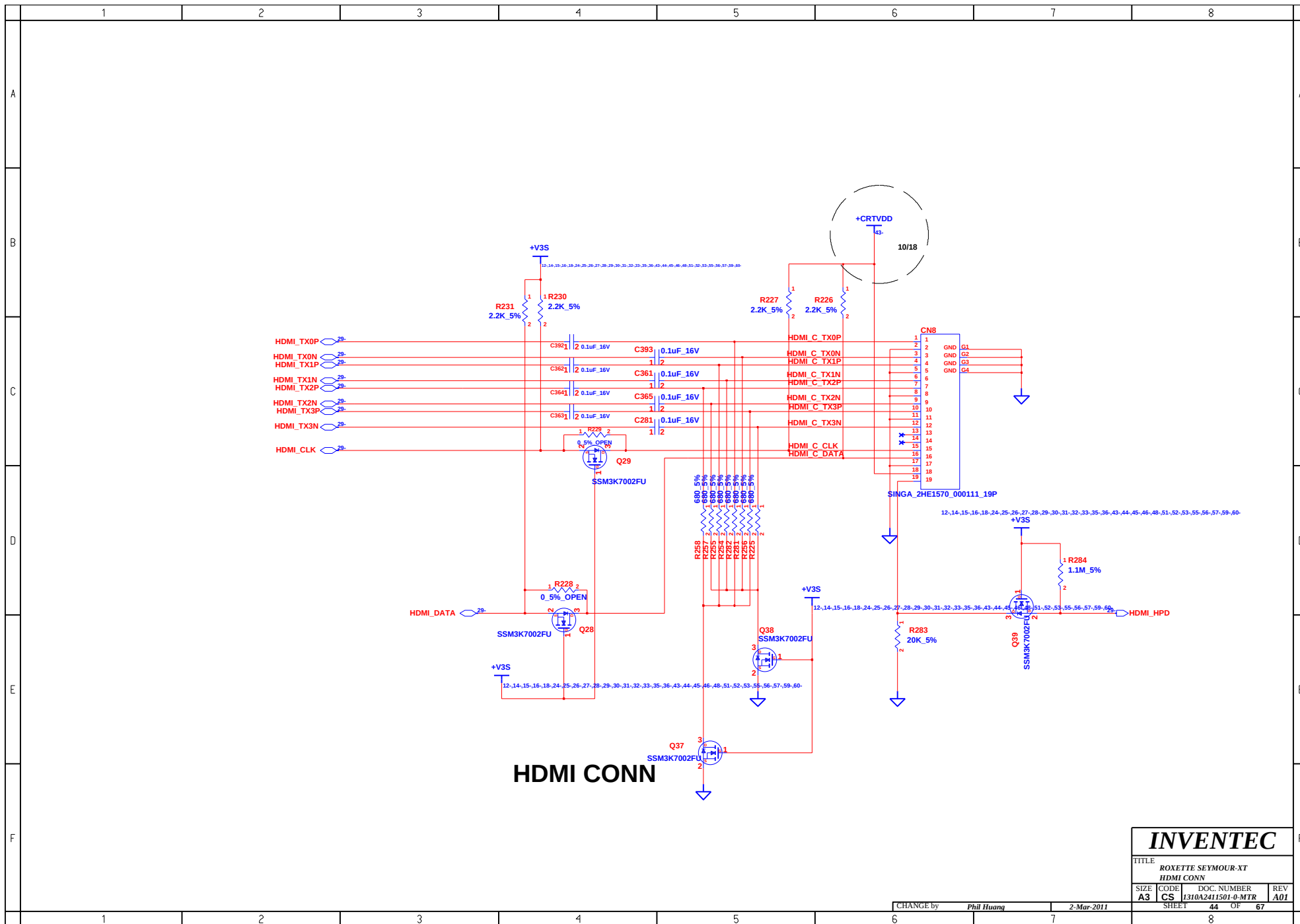
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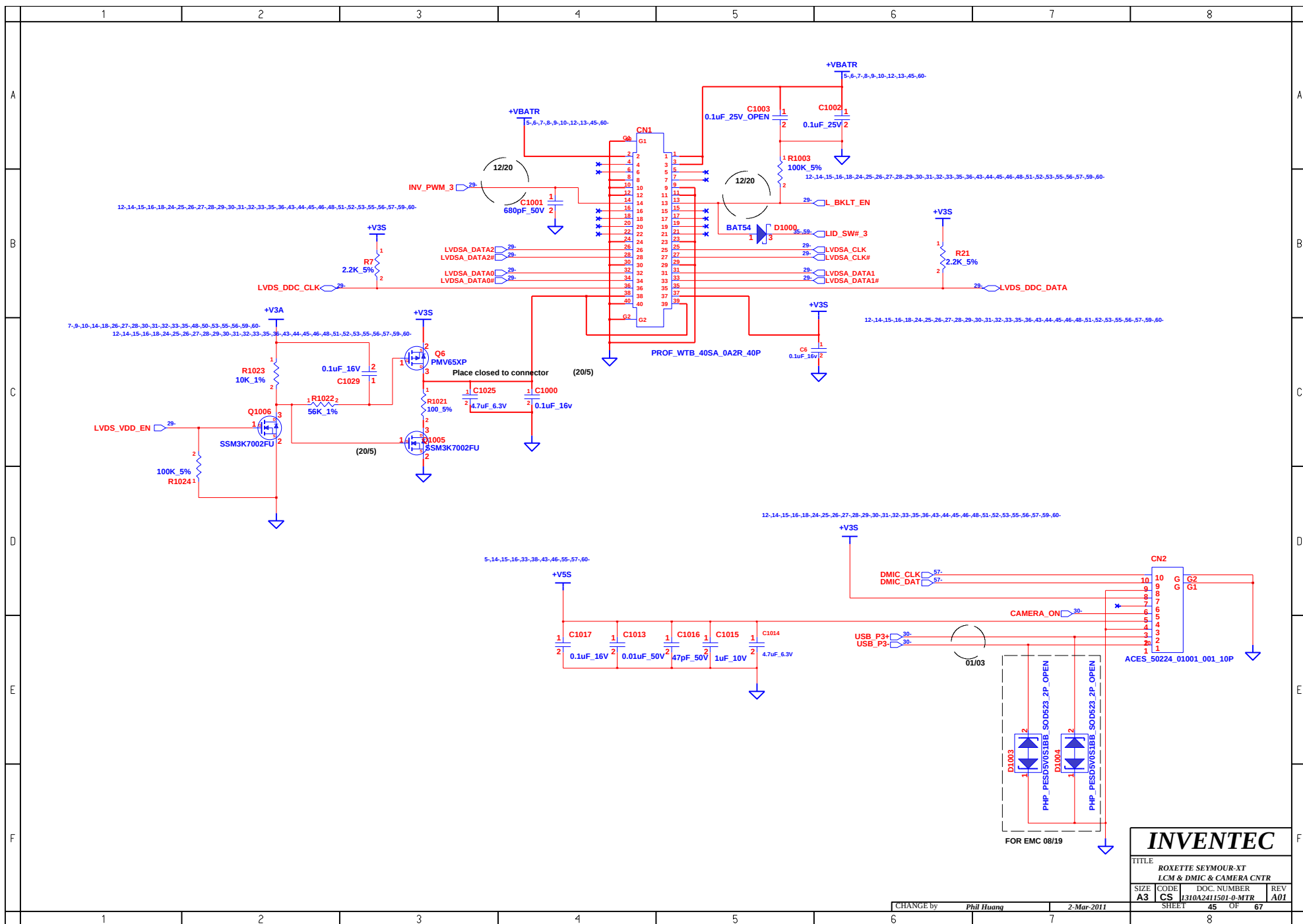
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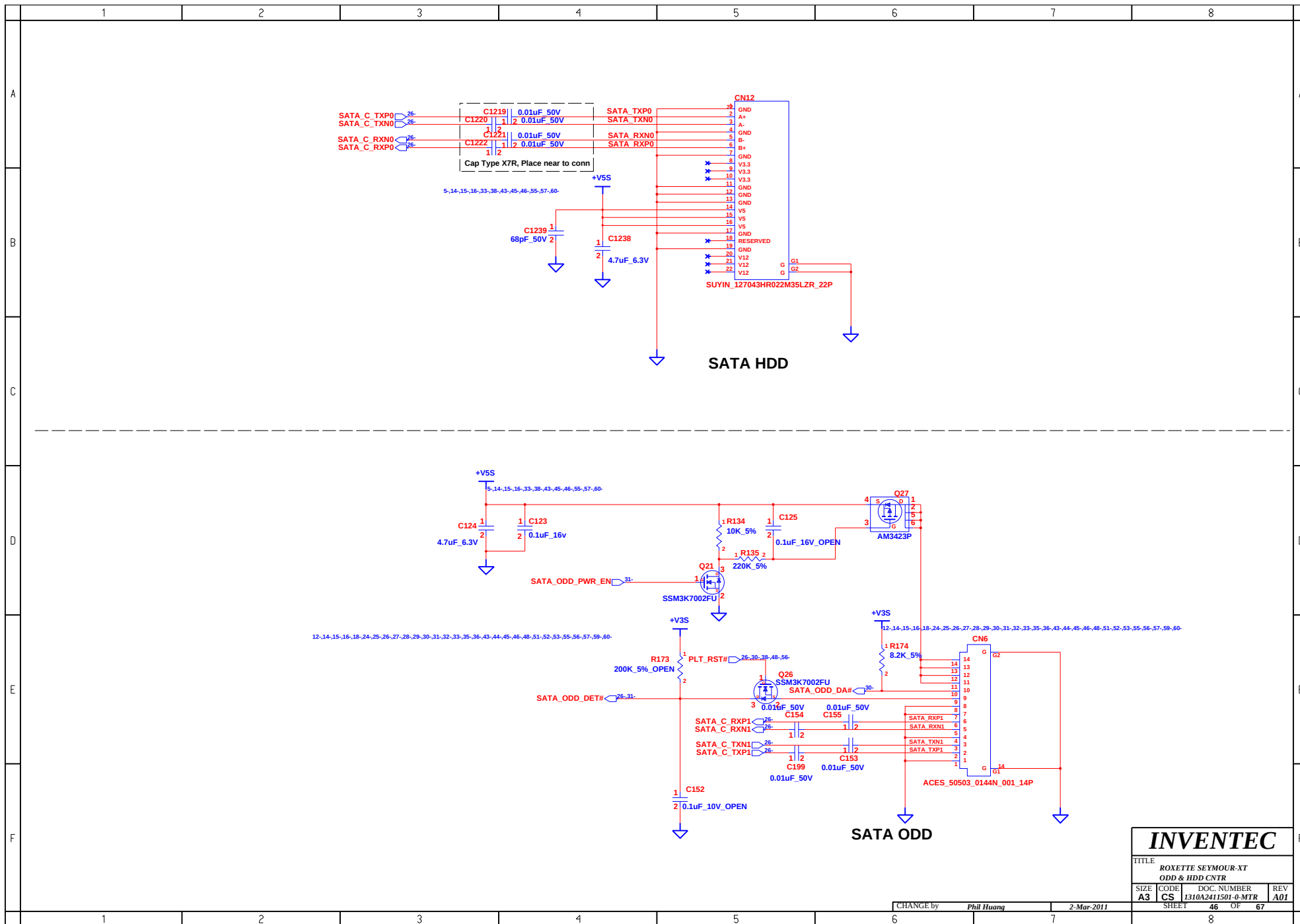
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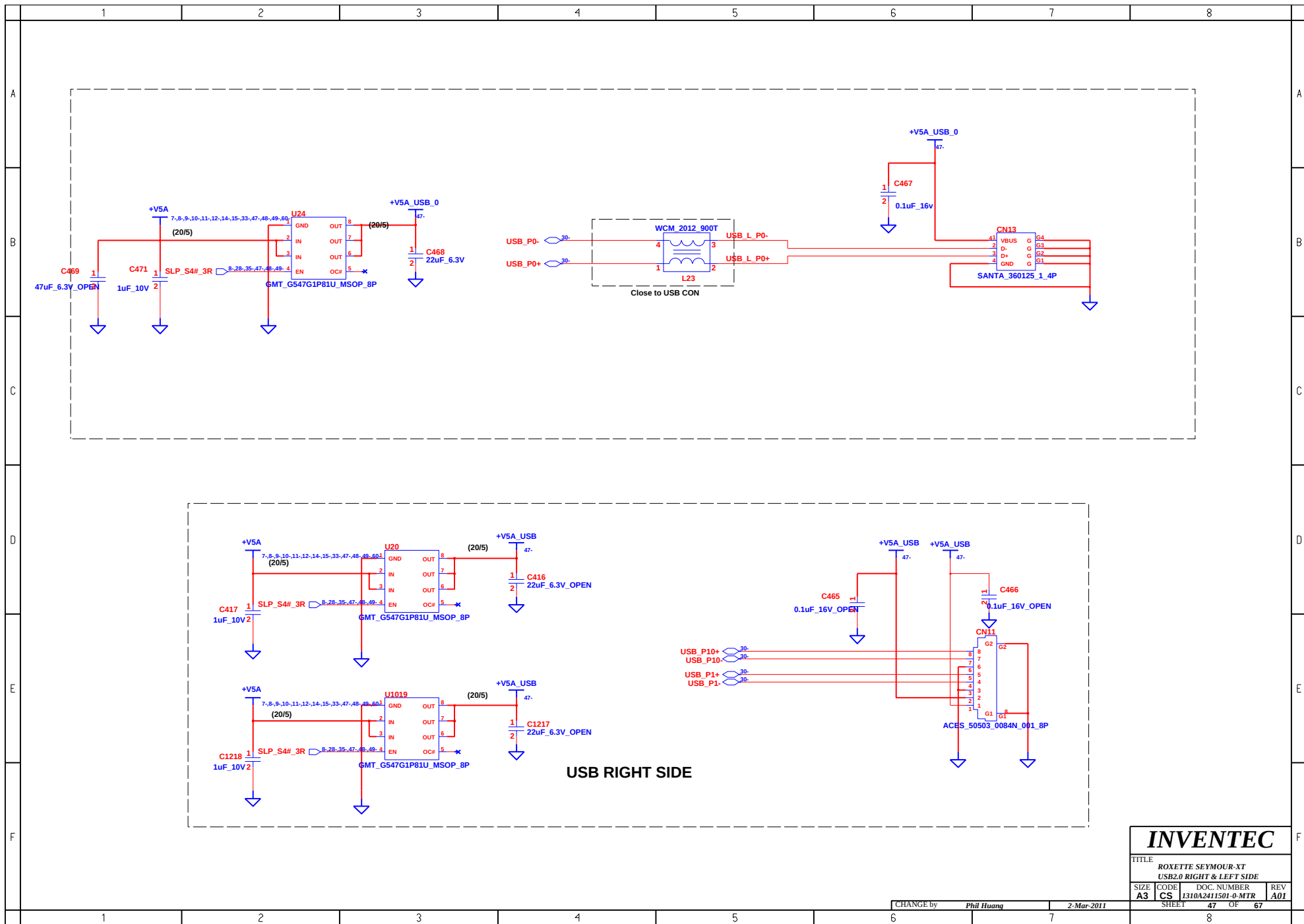




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TITLE			
ROXETTE SEYMOUR-XT ODD & HDD CNTR			
SIZE	CODE	DOC. NUMBER	REV
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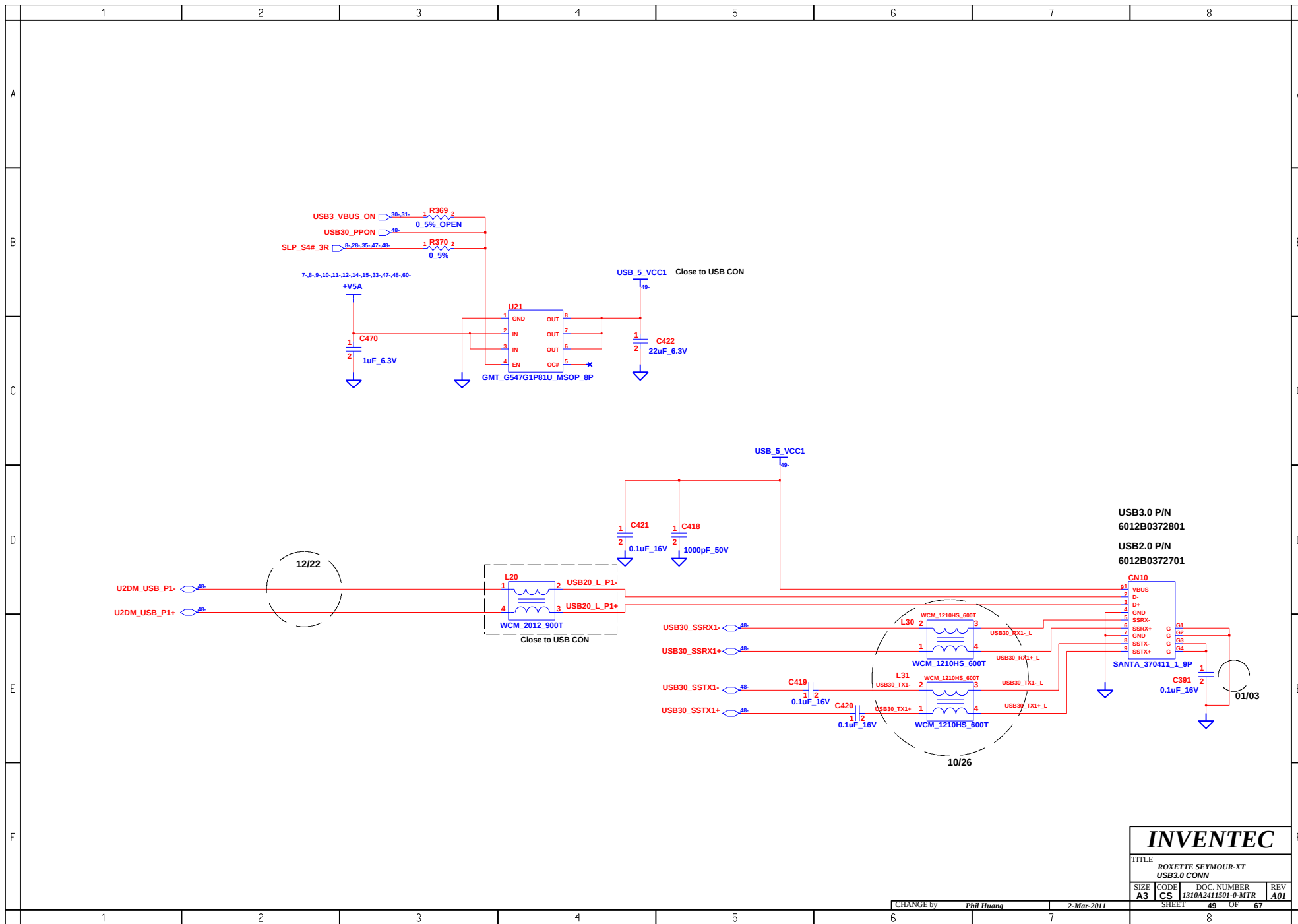
CHANGE by Phil Huang 2-Mar-2011

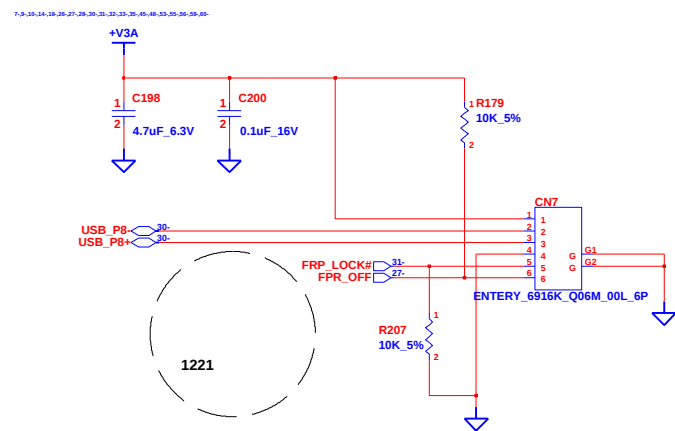


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TITLE			
ROXETTE SEYMOUR-XT			
USB2.0 RIGHT & LEFT SIDE			
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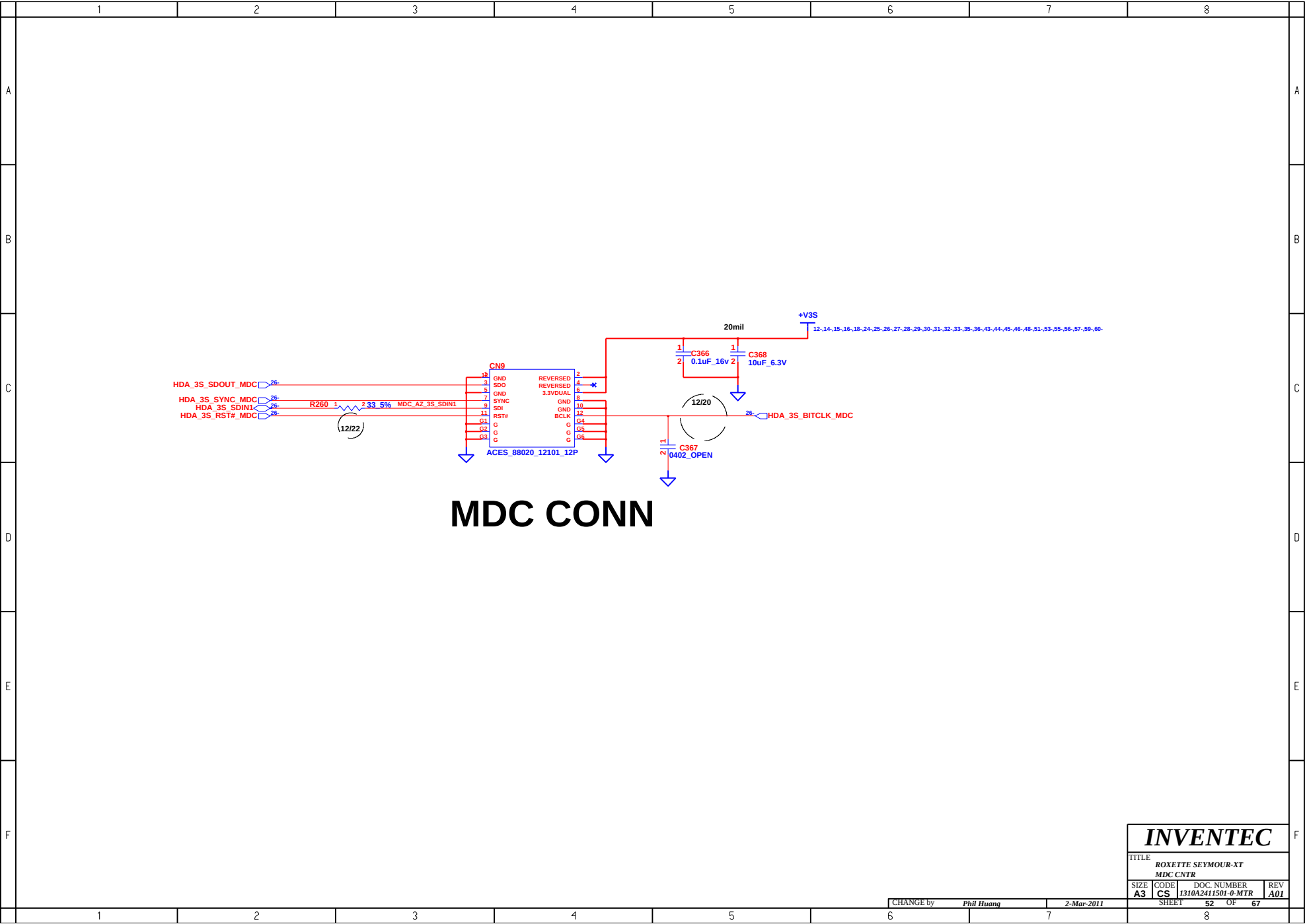
FINGER PRINTER CNTR

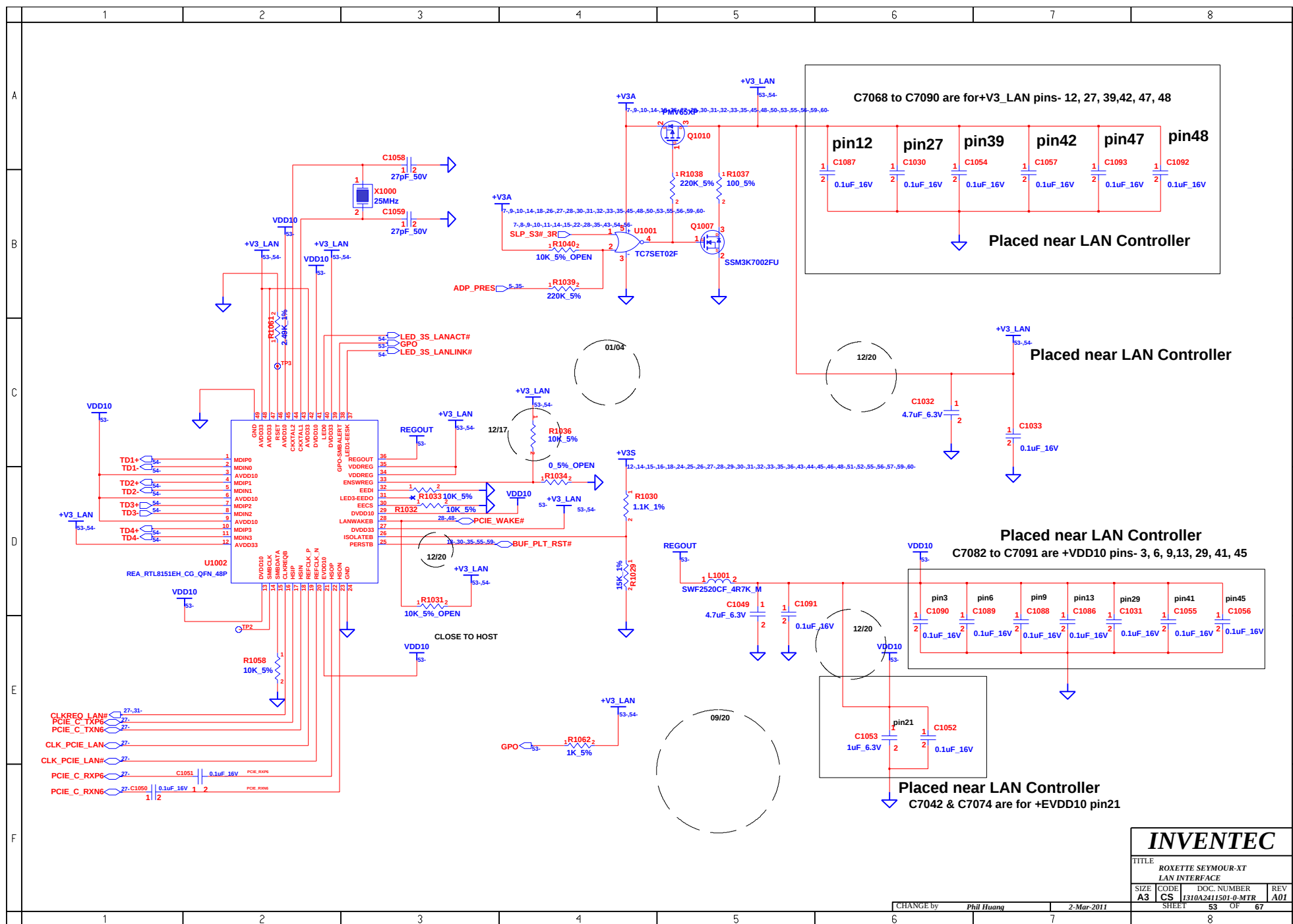
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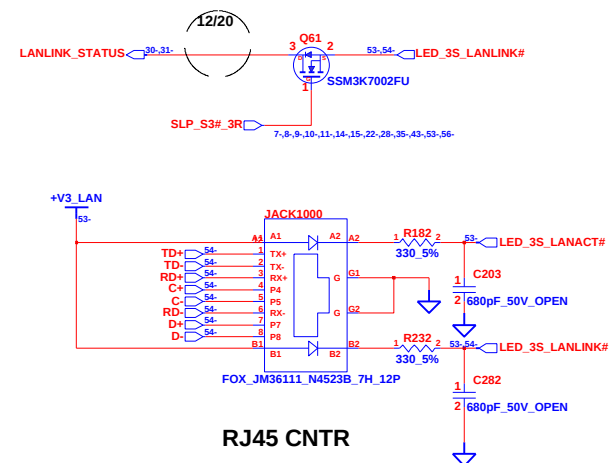
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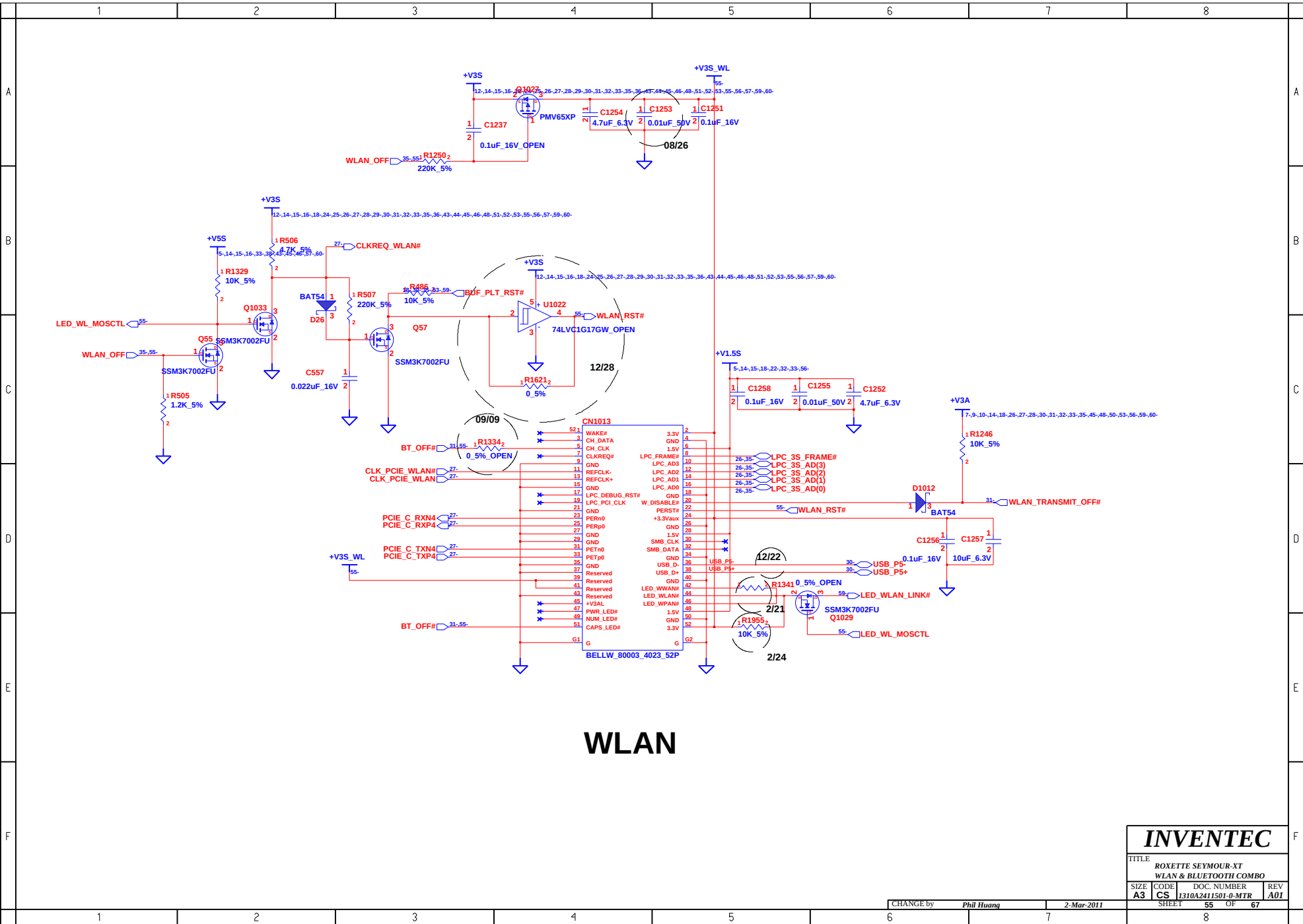


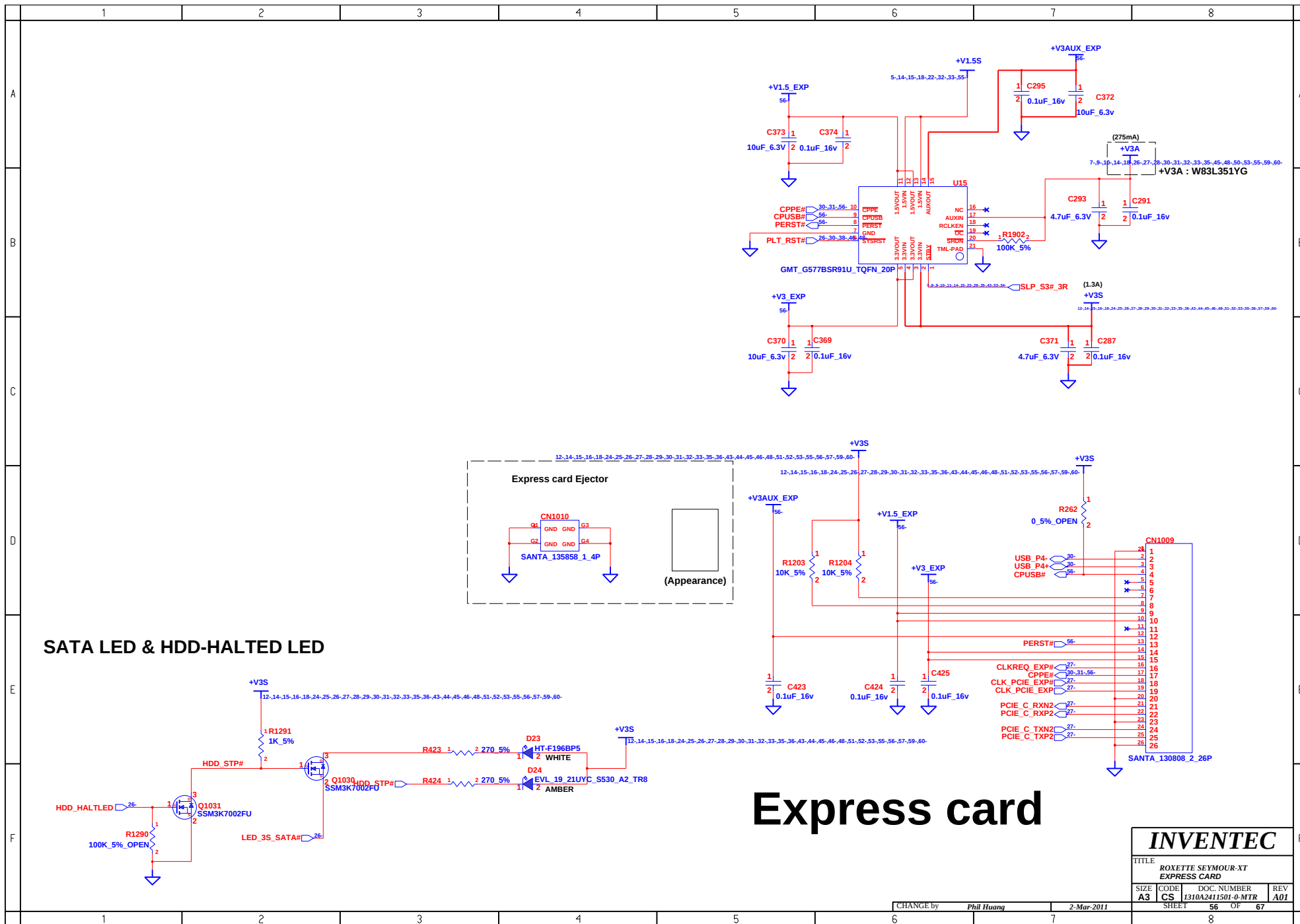
RJ45 CNTR

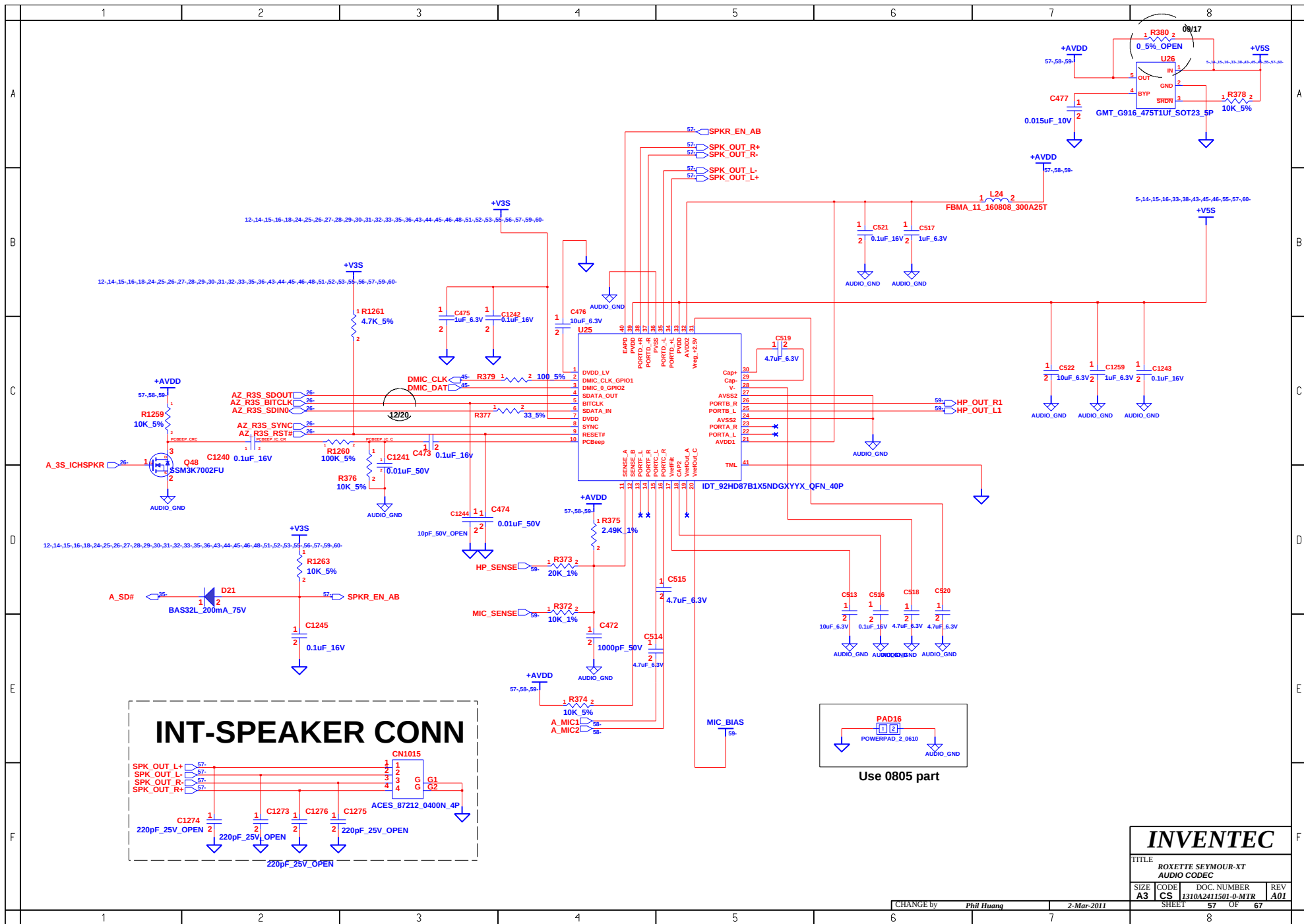
TITLE			
ROXETTE SEYMOUR-XT RJ45			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		54	OF 67

CHANGE by	<i>Phil Huang</i>	2-Mar-2011
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CS 1310A2411501-0-MTR
SHEET 54 OF 67





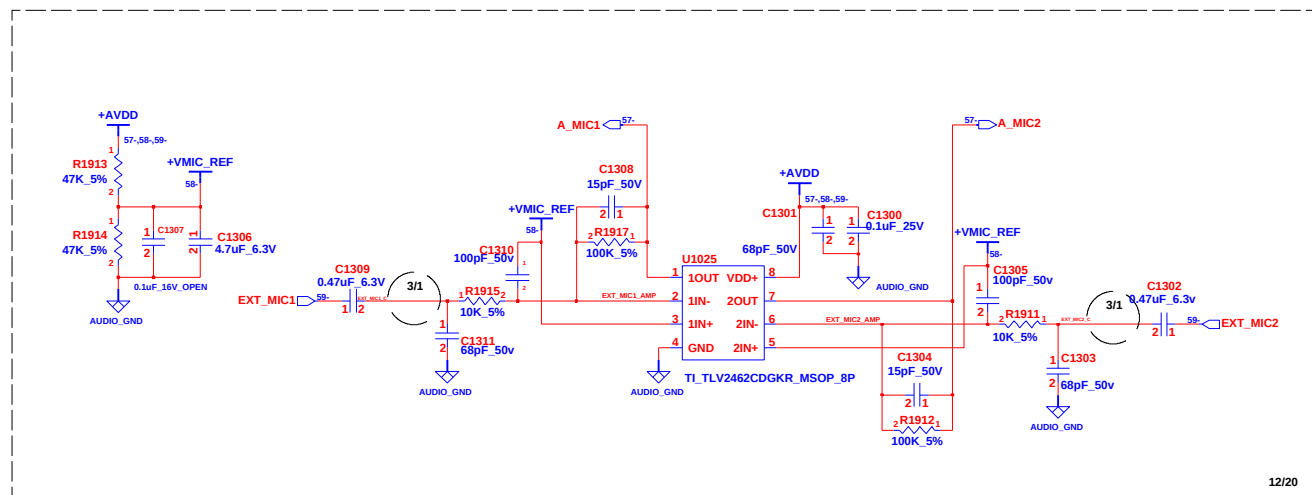


INVENTEC

TITLE			
ROXETTE SEYMOUR-XT AUDIO CODEC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		57	OF 67

CHANGE by Phil Huang 2-Mar-2011

Use 0805 part

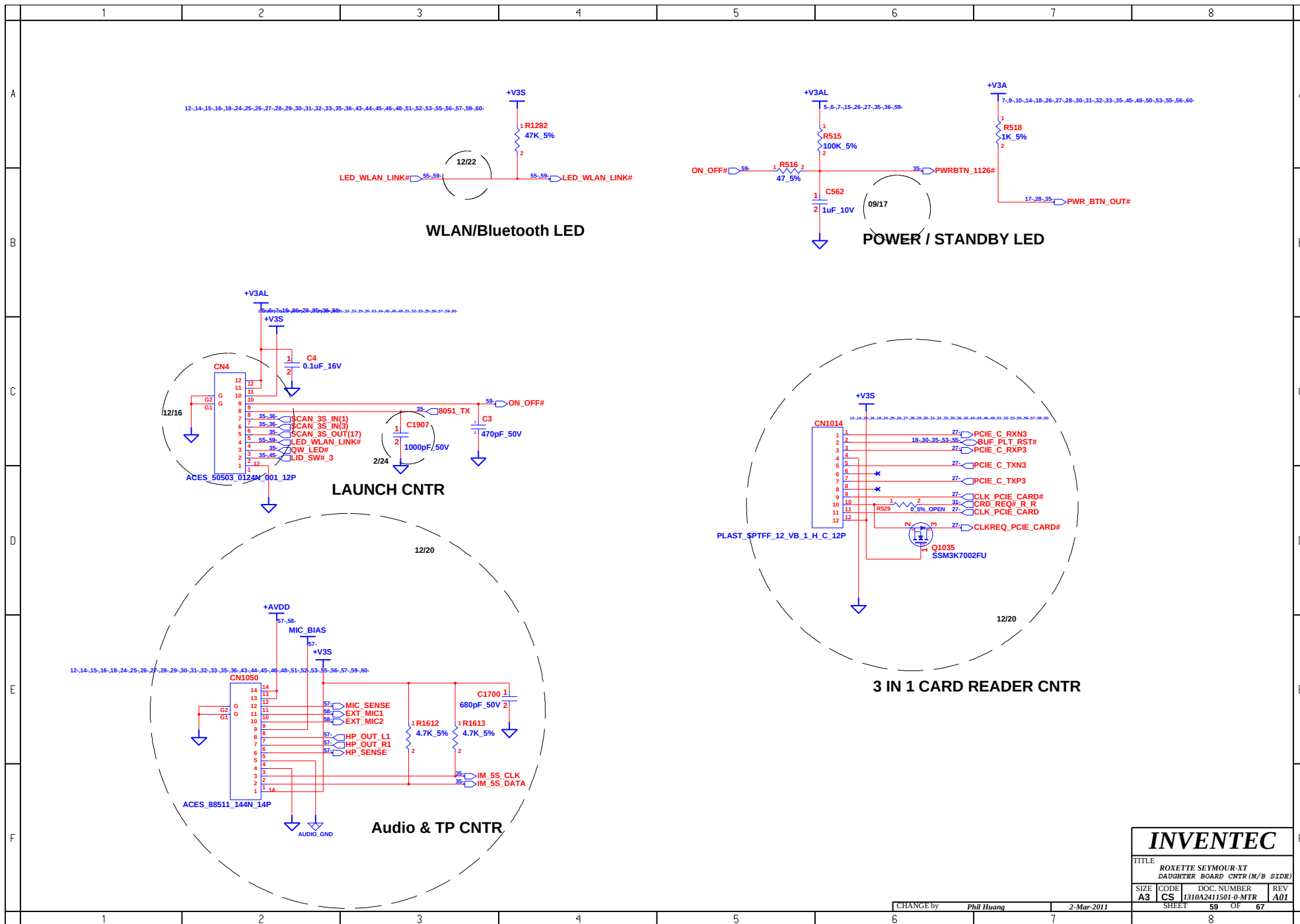


EXT. MIC. AMP.

INVENTEC

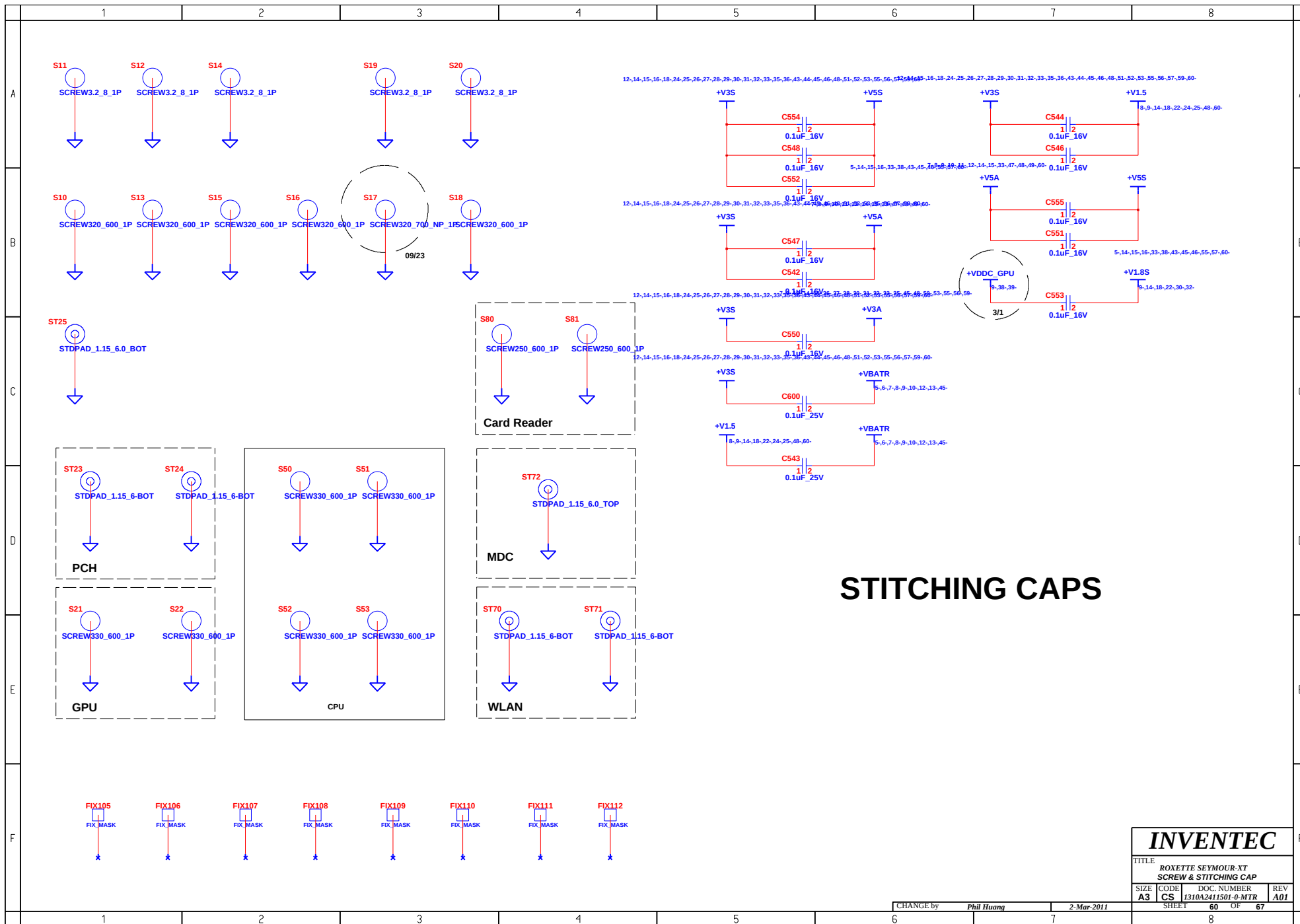
TITLE			
ROXETTE SEYMOUR-XT			
EXT.MIC.AMP			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		58	OF 67

CHANGE by Phil Huang 2-Mar-2011



INVENTEC			
TITLE			
ROXETTE SEYMOUR-XT DAUGHTER BOARD CNTR (M/B SIDE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		59	OF 67

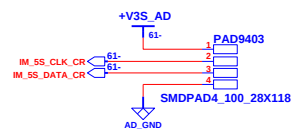
CHANGE by Phil Huang 2-Mar-2011



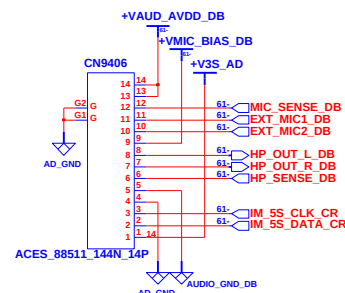
INVENTEC

TITLE			
ROXETTE SEYMOUR-XT SCREW & STITCHING CAP			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		60	OF 67

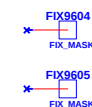
CHANGE by Phil Huang 2-Mar-2011



T/P B/B CONN

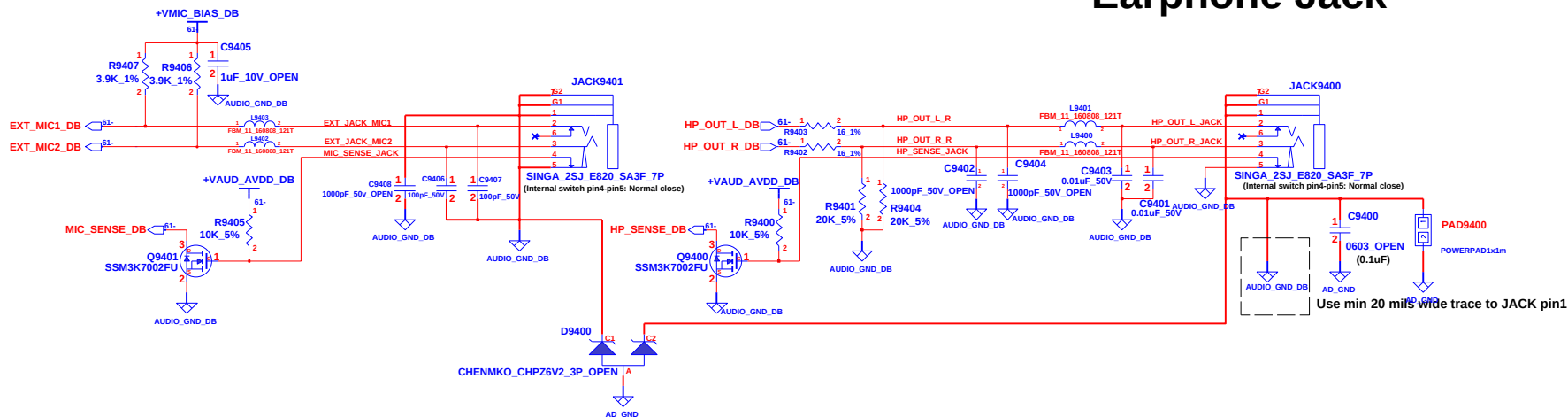


Audio & T/P B/B CONN (D/B)



MIC Jack

Earphone Jack

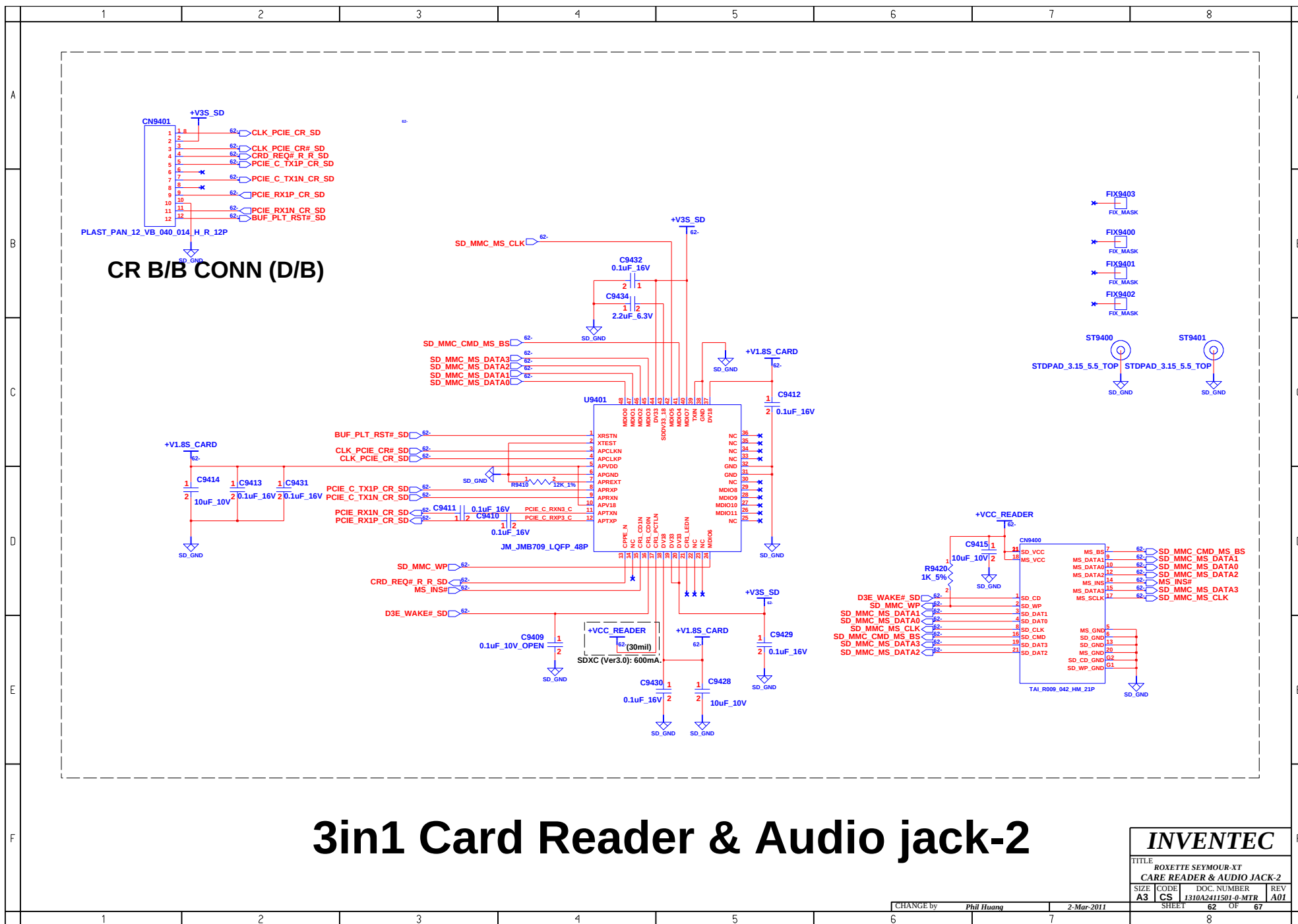


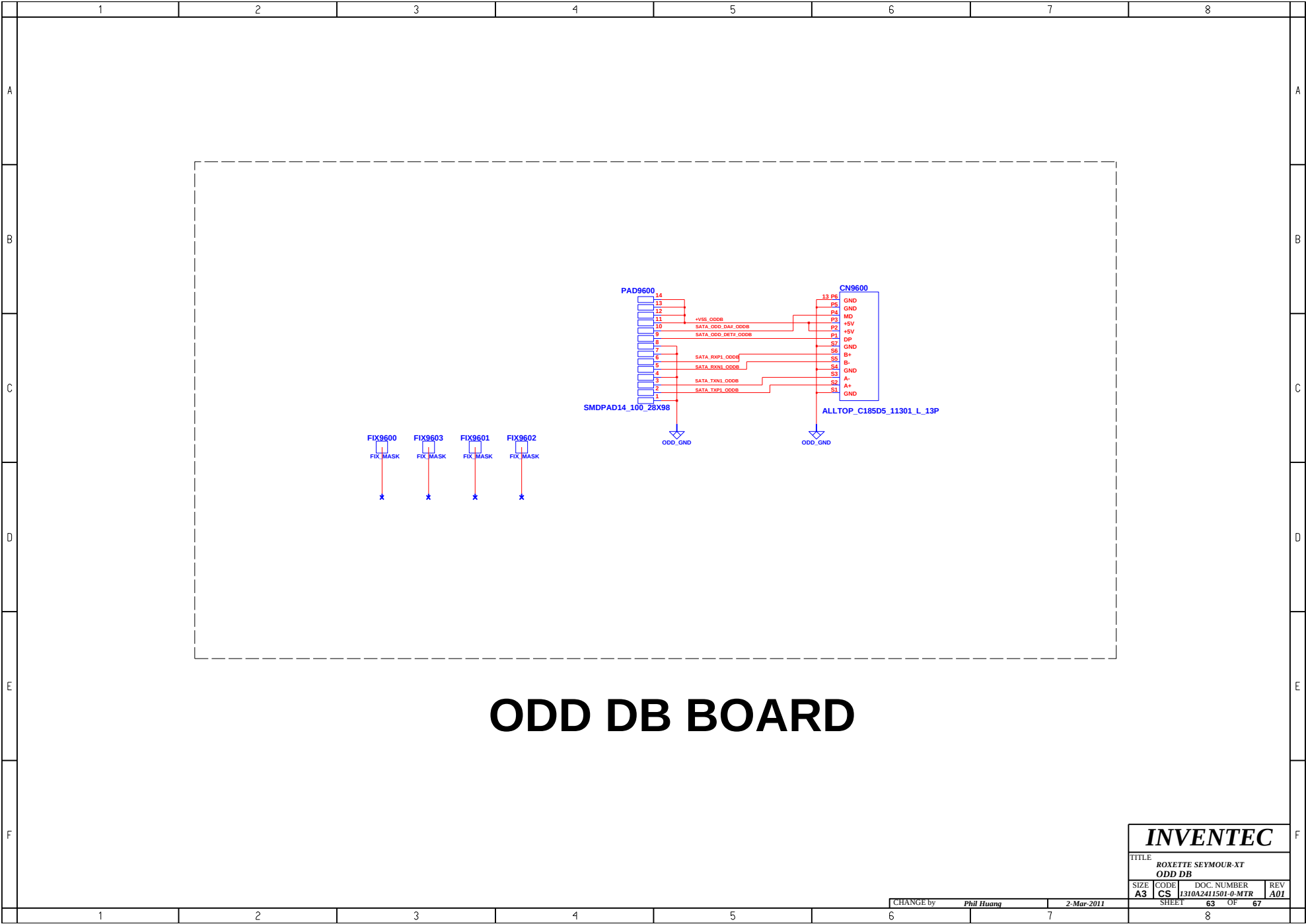
3in1 Card Reader & Audio jack-1

INVENTEC

TITLE			
ROXETTE SEYMOUR-XT CARD READER & AUDIO JACK-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		61	OF 67

CHANGE by Phil Huang 2-Mar-2011





INVENTEC

TITLE			
ROXETTE SEYMOUR-XT			
ODD DB			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		63	OF 67

CHANGE by Phil Huang 2-Mar-2011

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

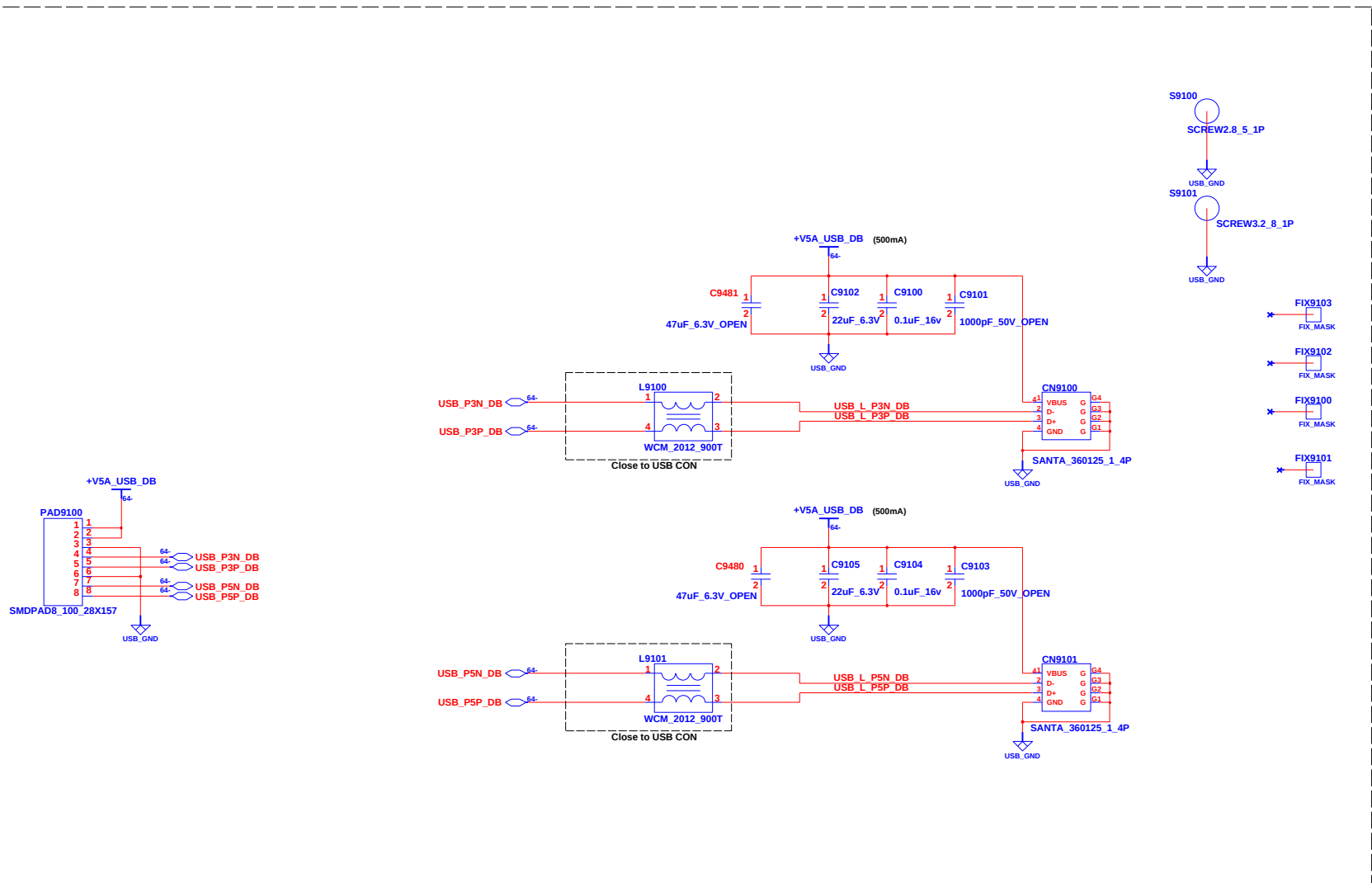
B

C

D

E

F



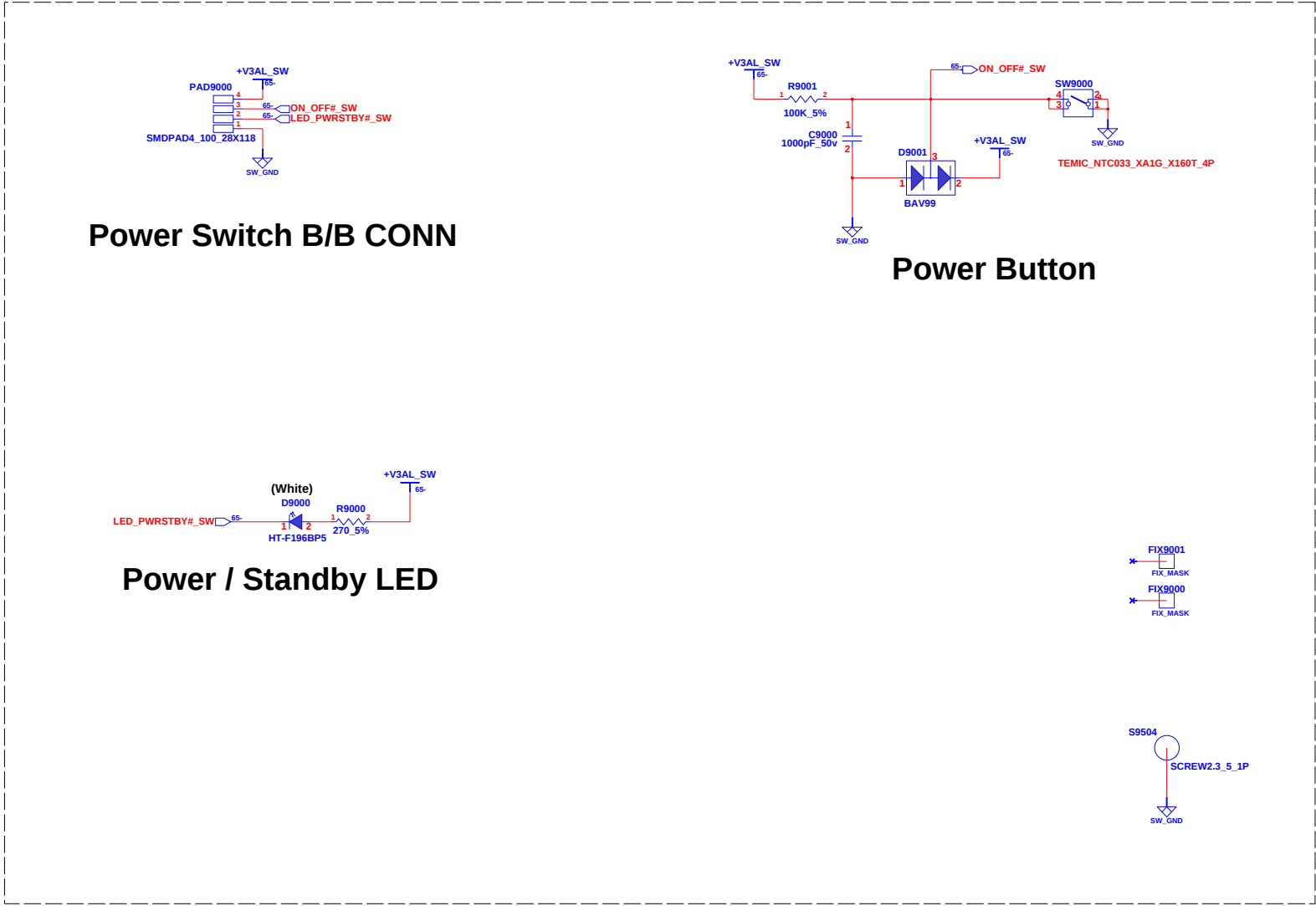
USB Right Side Board

INVENTEC

TITLE			
ROXETTE SEYMOUR-XT			
USB RIGHT SIDE DB			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01

CHANGE by Phil Huang 2-Mar-2011

SHEET 64 OF 67



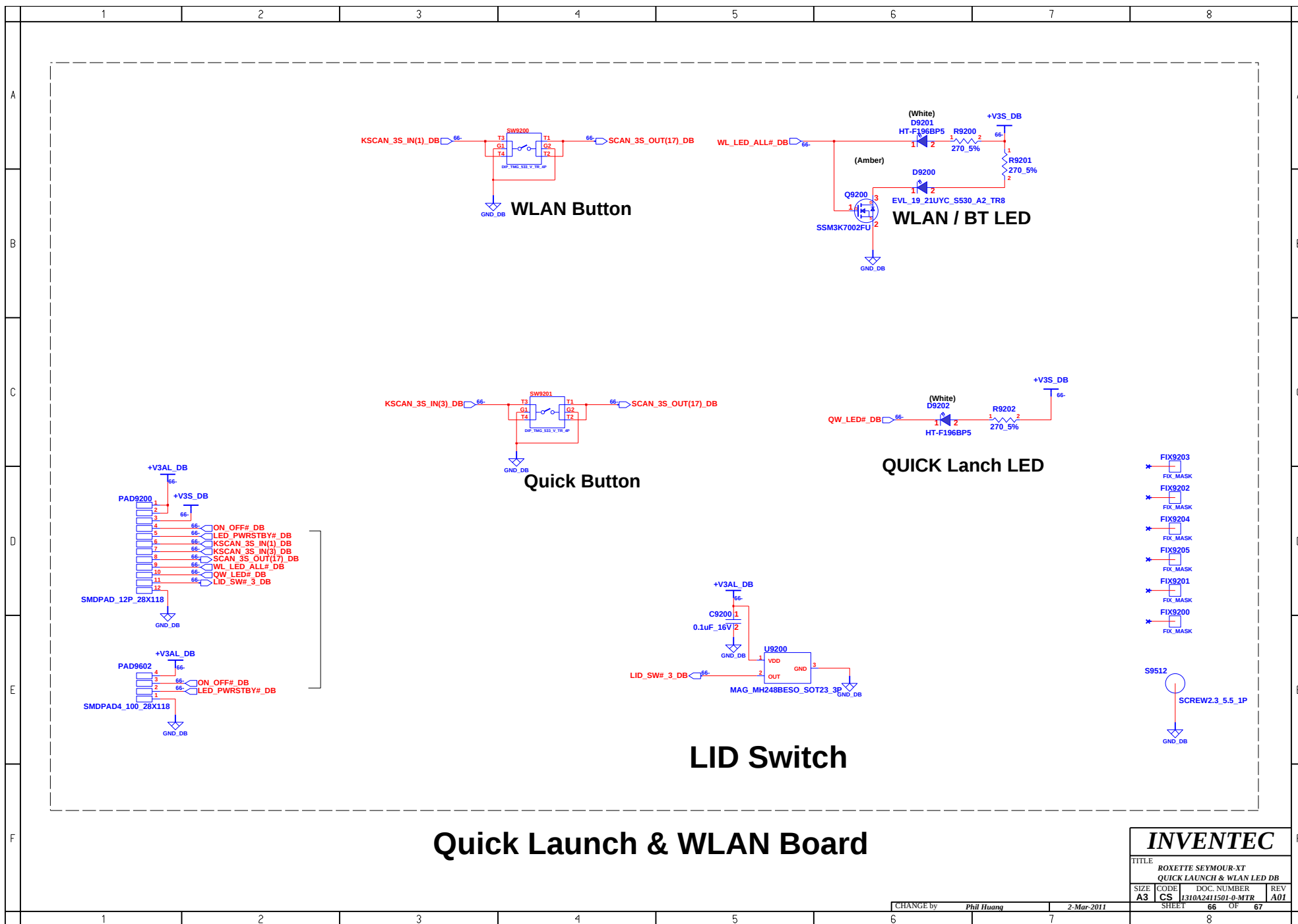
Power Button Board

INVENTEC

TITLE			
ROXETTE SEYMOUR-XT			
POWER BUTTON BOARD DB			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2411501-0-MTR	A01

CHANGE by Phil Huang 2-Mar-2011

SHEET 65 OF 67

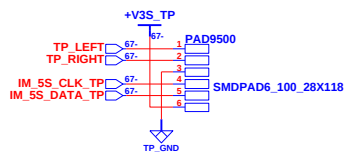


INVENTEC

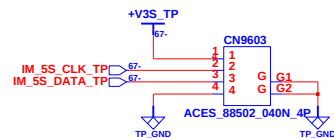
TITLE		
ROXETTE SEYMOUR-XT		
QUICK LAUNCH & WLAN LED DB		
SIZE	CODE	DOC. NUMBER
A3	CS	1310A2411501-0-MTR
SHEET		REV
66		A01

CHANGE by Phil Huang 2-Mar-2011

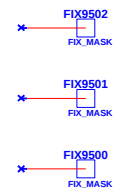
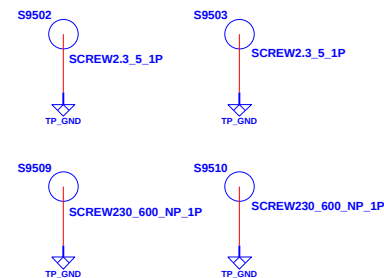
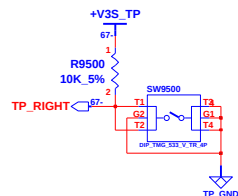
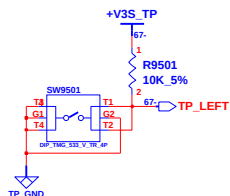
OF 67



Left Button



Right Button



Pick Button Board

INVENTEC

TITLE			
ROXETTE SEYMOUR-XT			
PICK BUTTON DB			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2411501-0-MTR	A01
SHEET		OF	67

CHANGE by Phil Huang 2-Mar-2011