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B	HSF Property : HF								B																																																																																														
C	ROCKY2 Huron River Platform MV Build 2010/03/16								C																																																																																														
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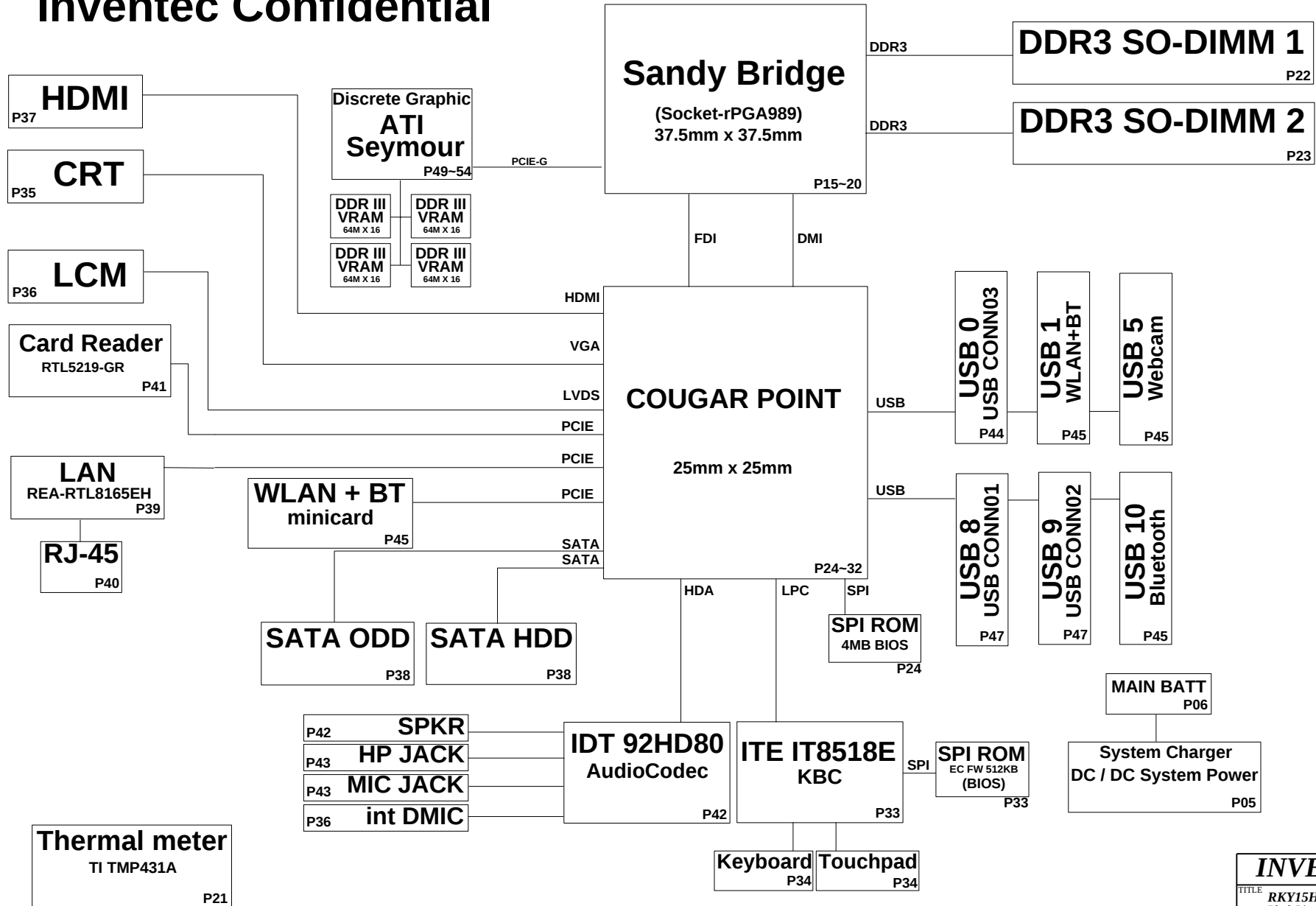
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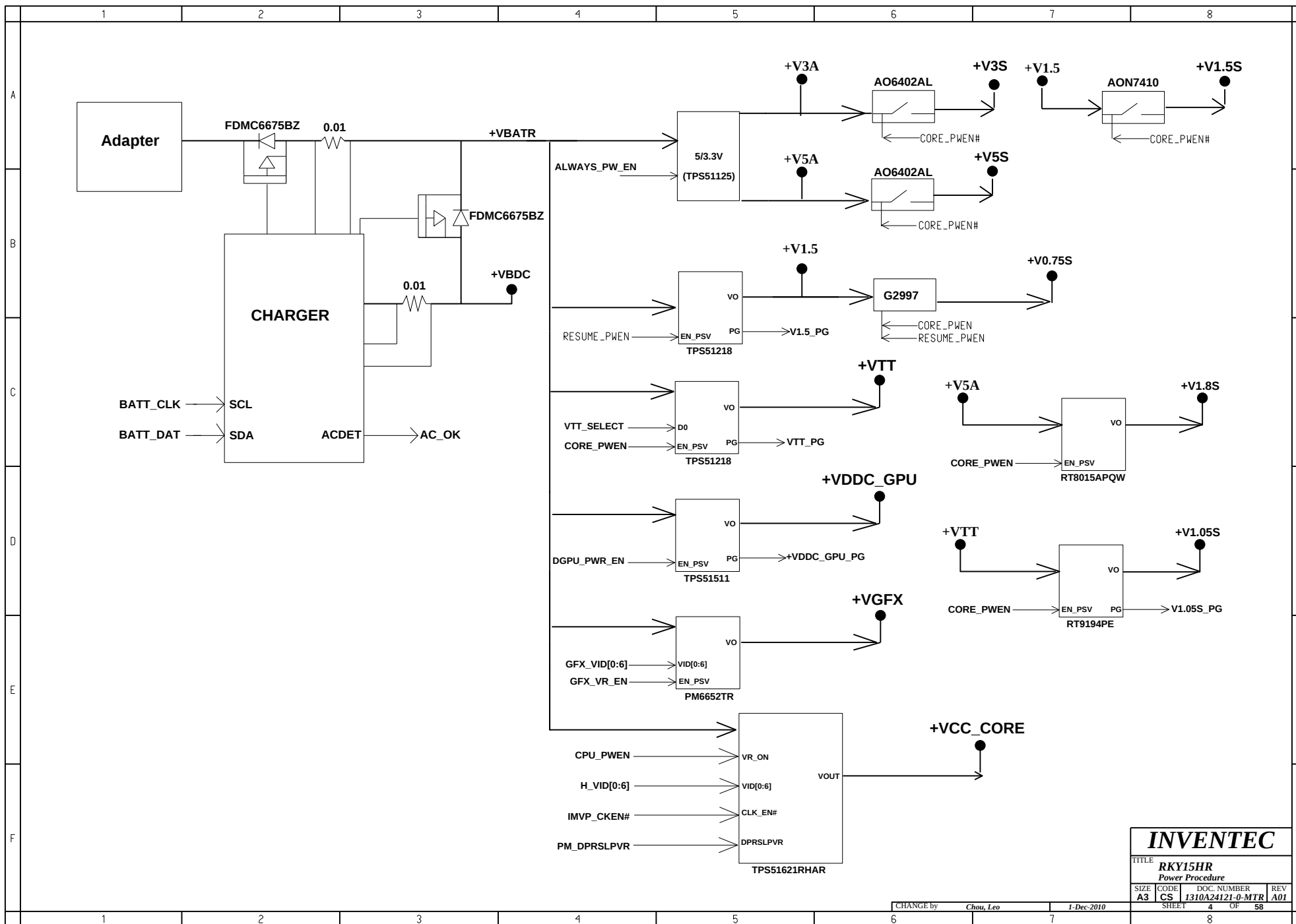
CHANGE by **Chou, Leo** 1-Dec-2010

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TITLE			
RKY15HR			
Block Diagram			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24121-0-MTR	A01
CHANGE by		1-Dec-2010	
Chou, Leo			
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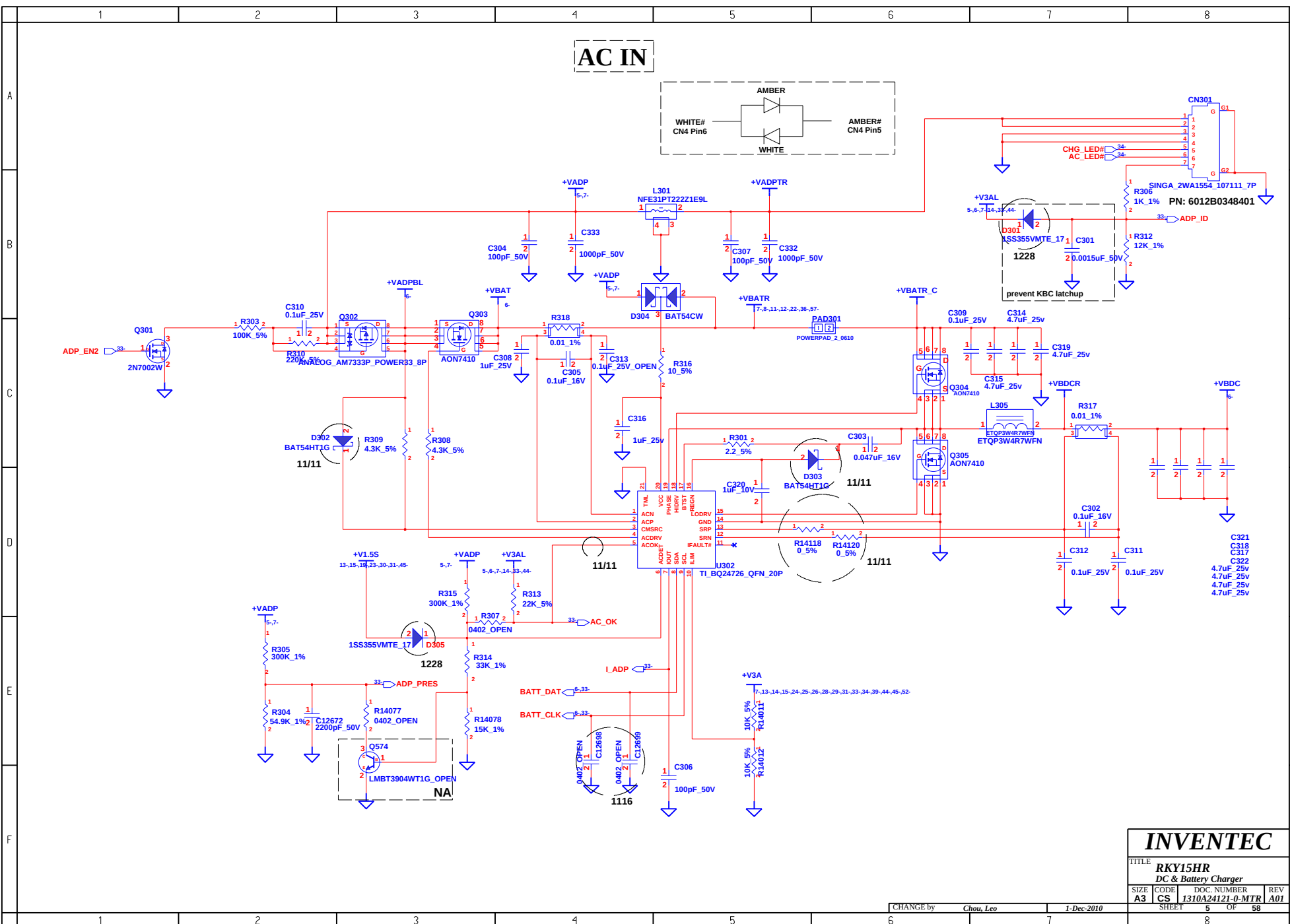
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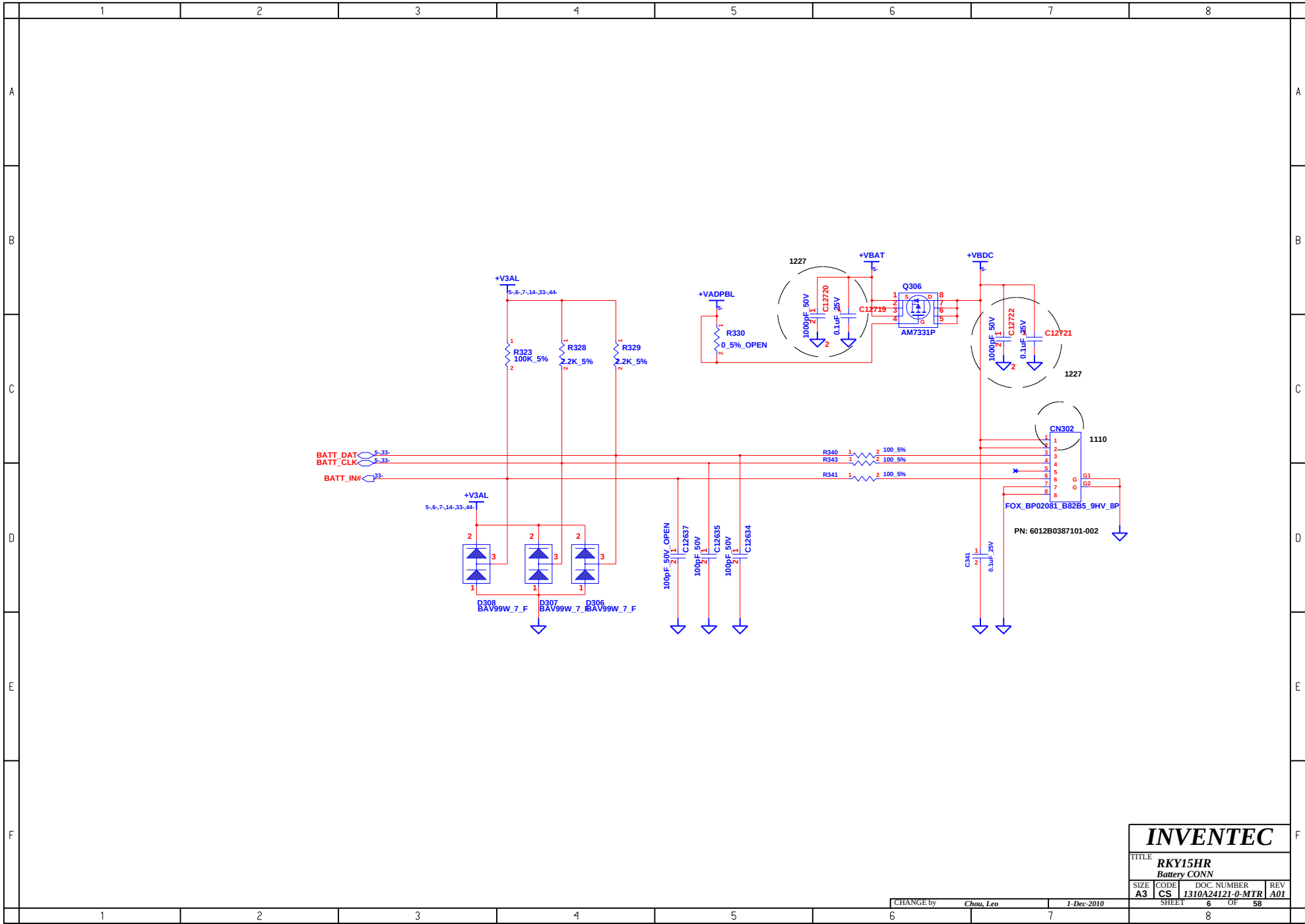
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RKY15HR
Power Procedure

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24121-0-MTR	A01

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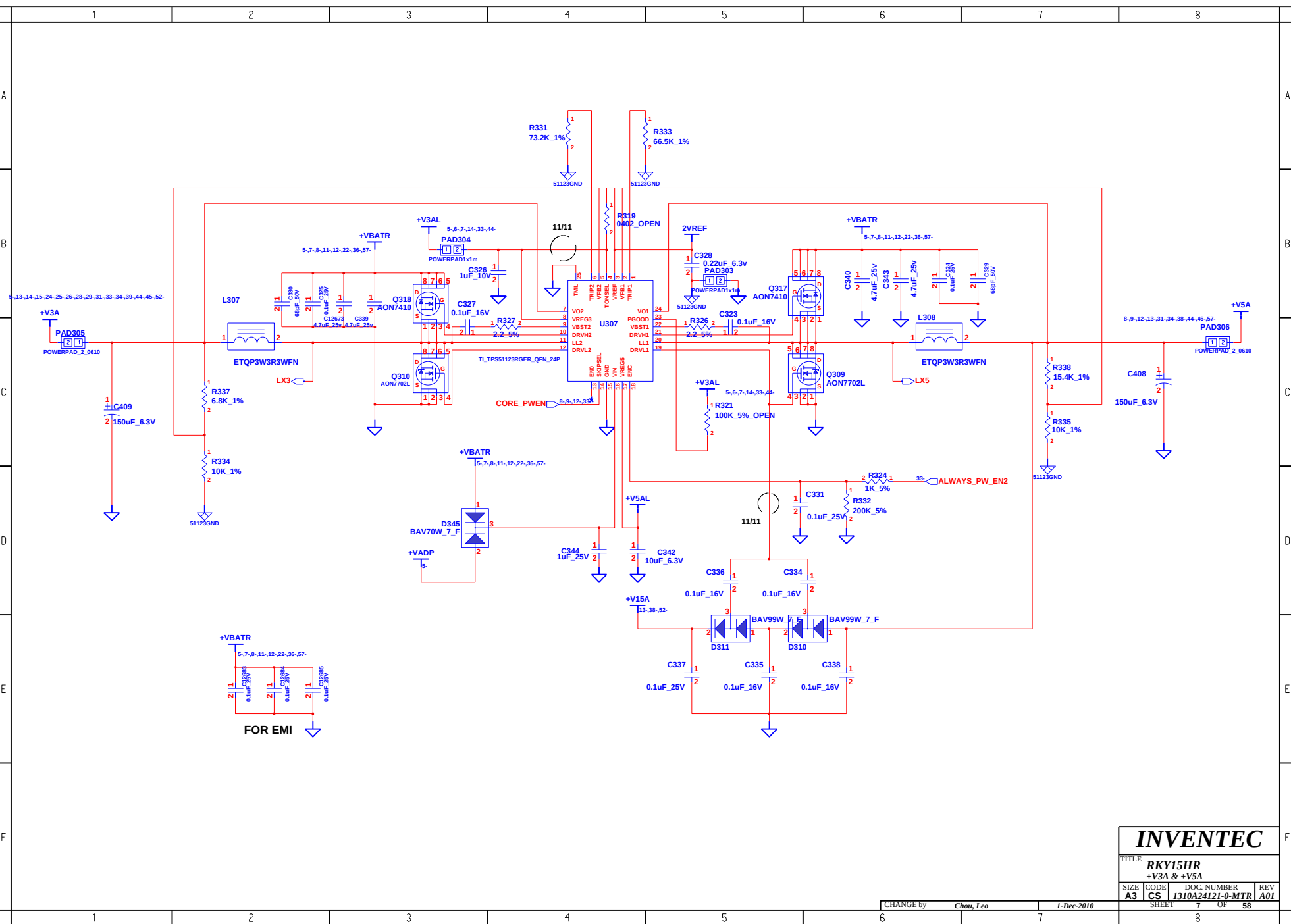


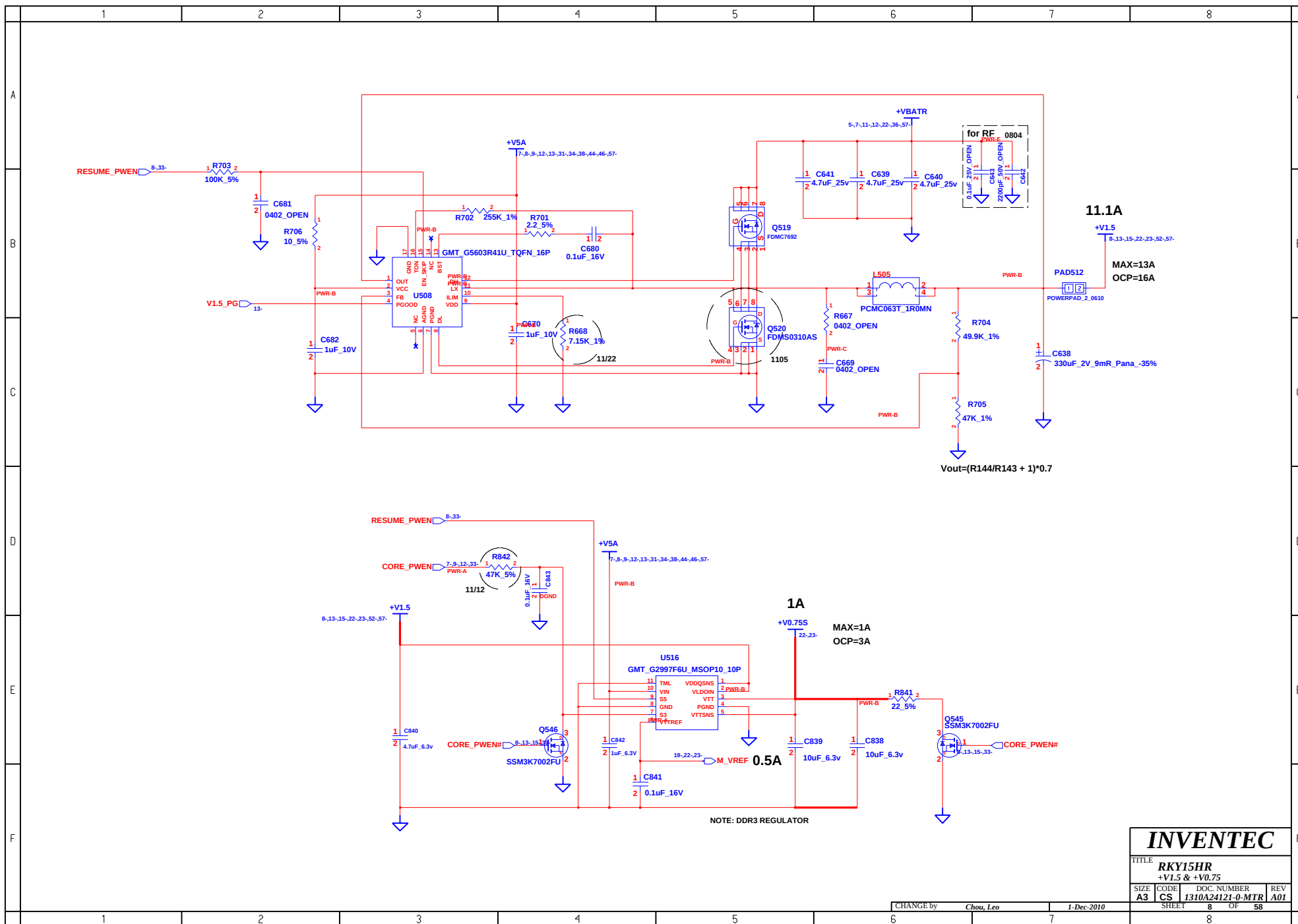
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TITLE RKY15HR Battery CONN			
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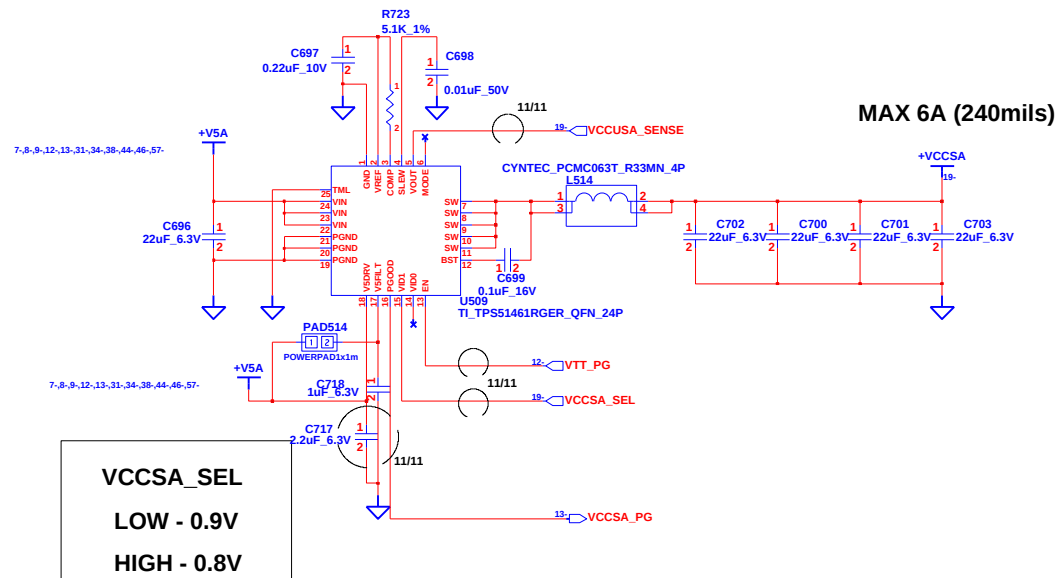
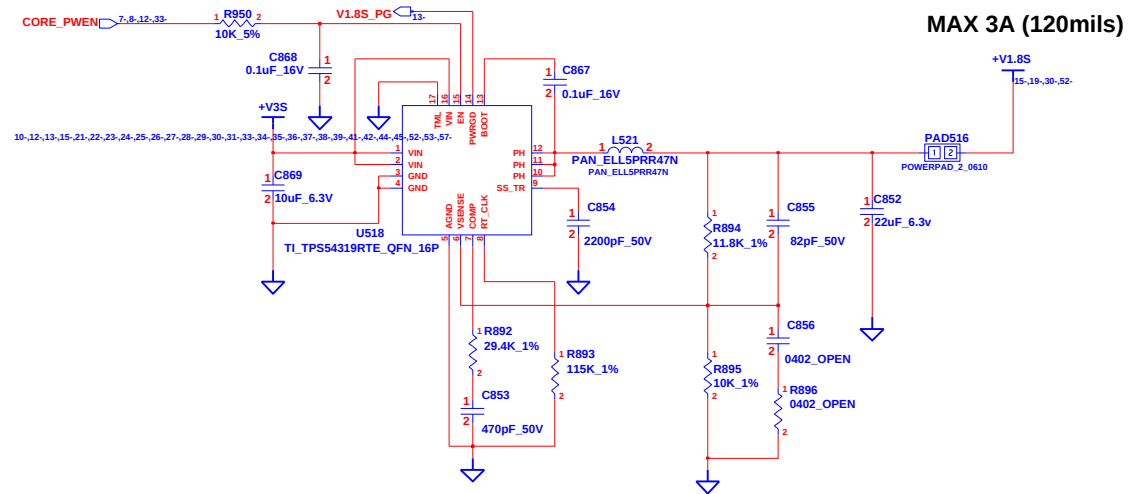




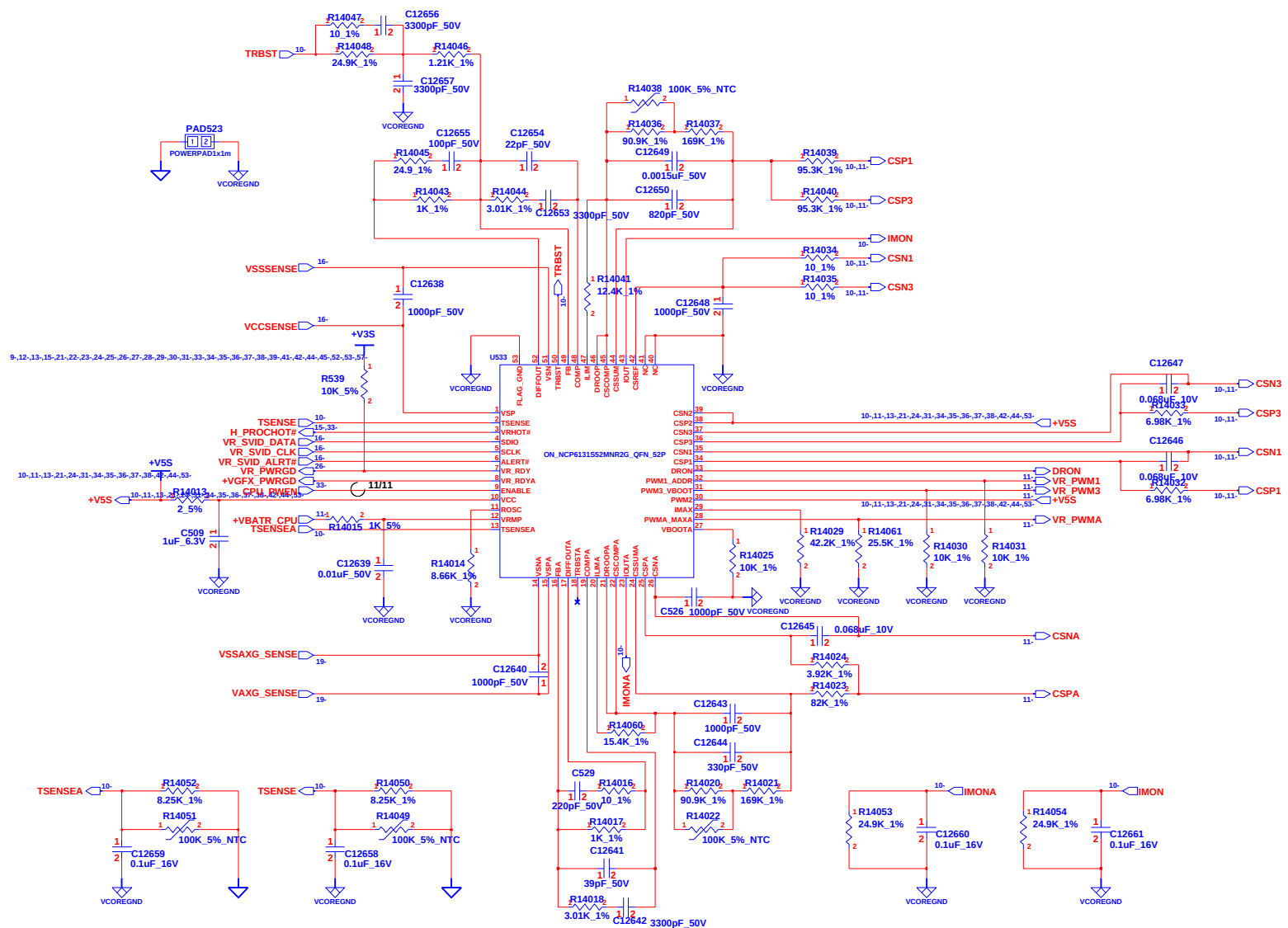
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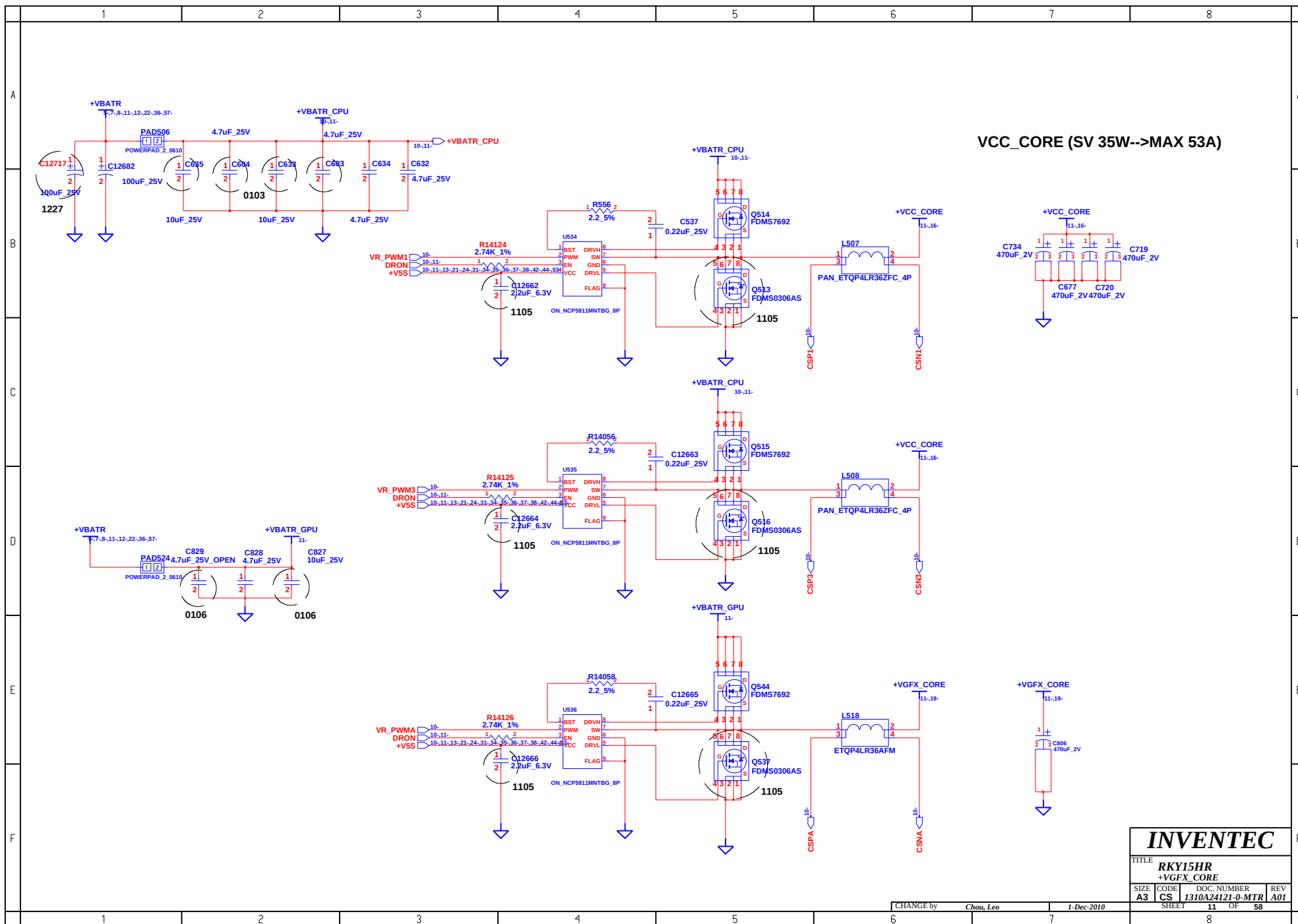
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RKY15HR			
+V1.8S & +VCCSA			
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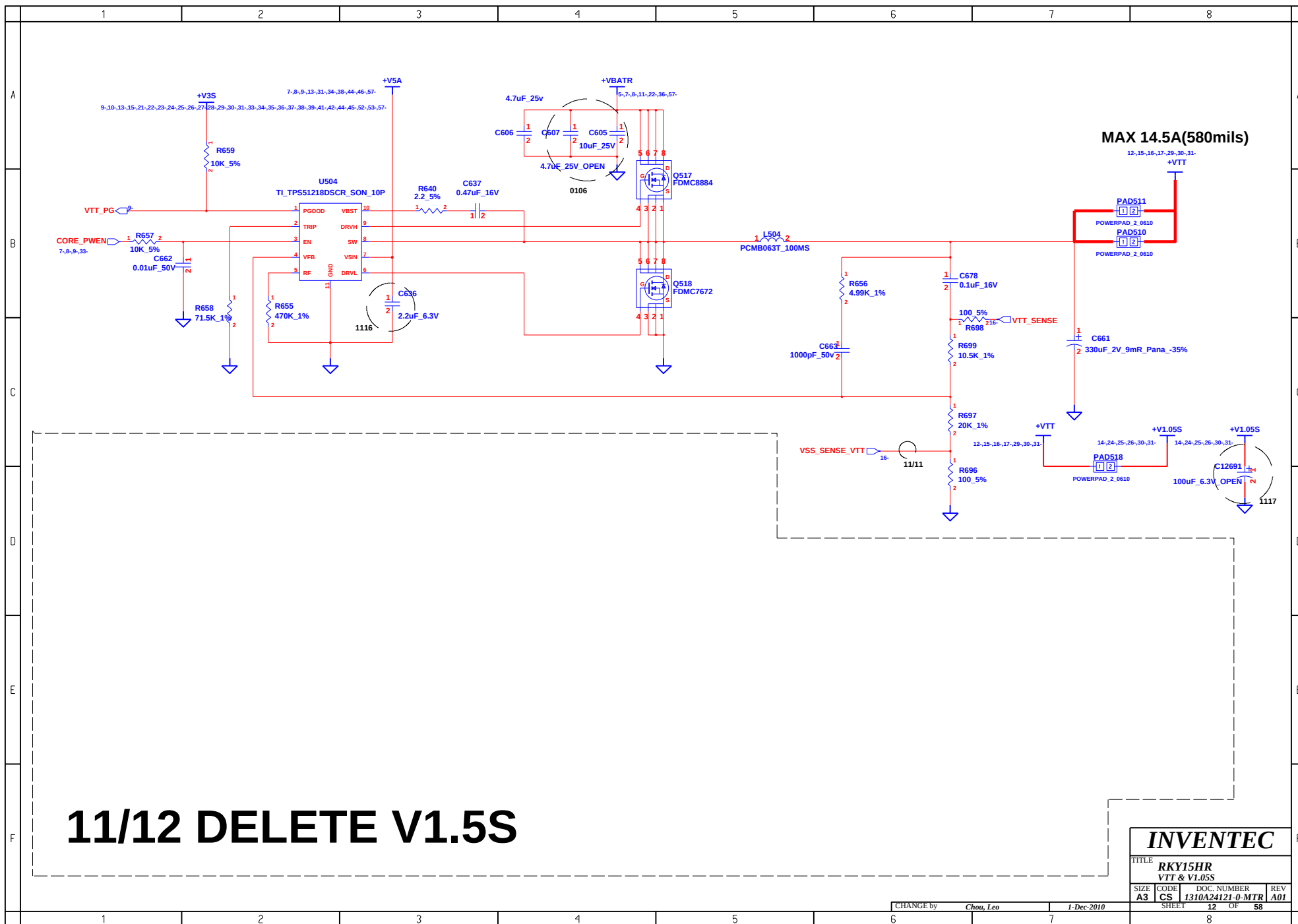


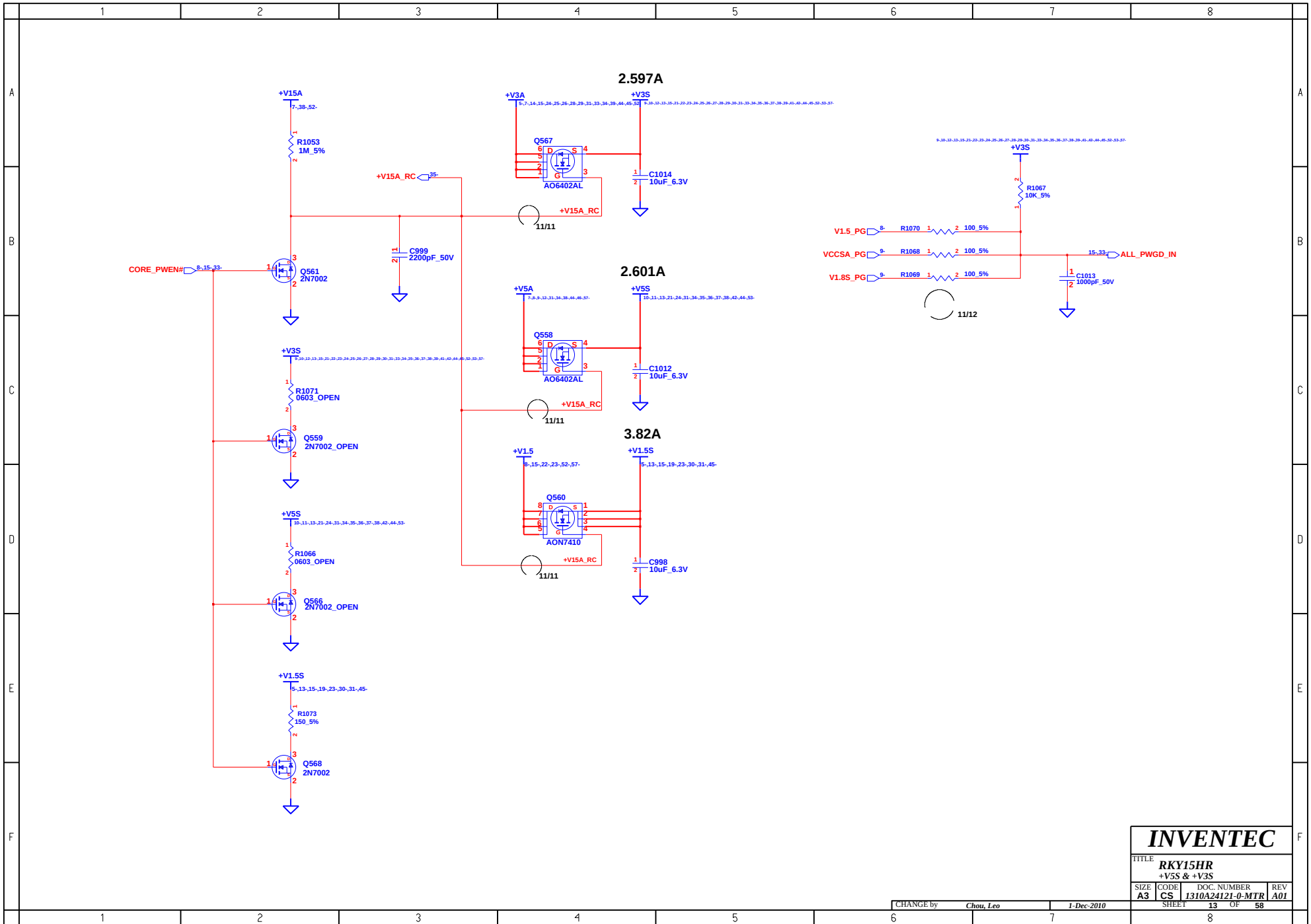
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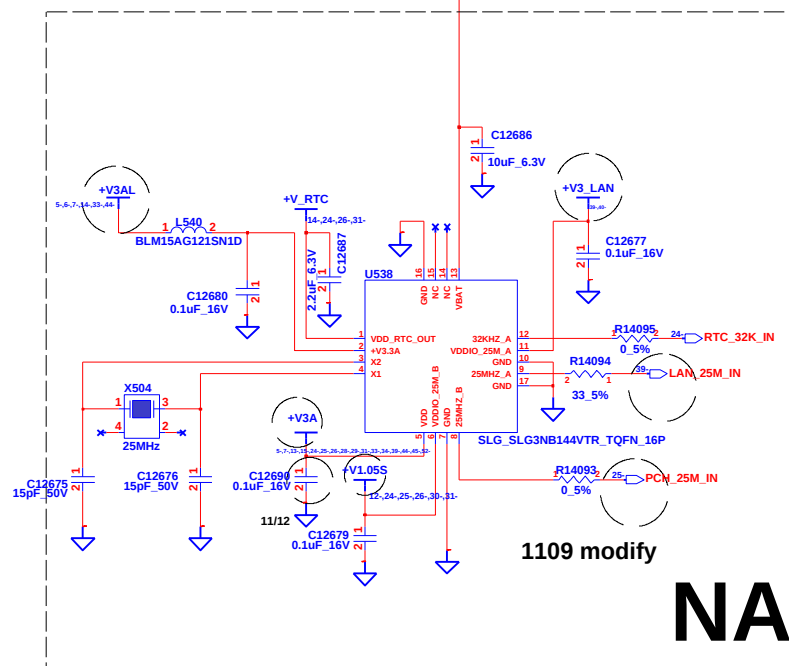
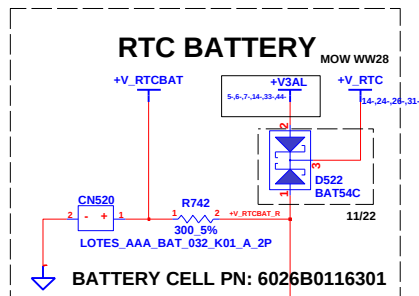
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A3	CS	1310A24121-0-MTR	A01
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CHANGE by	<i>Chou, Leo</i>	<i>1-Dec-2010</i>
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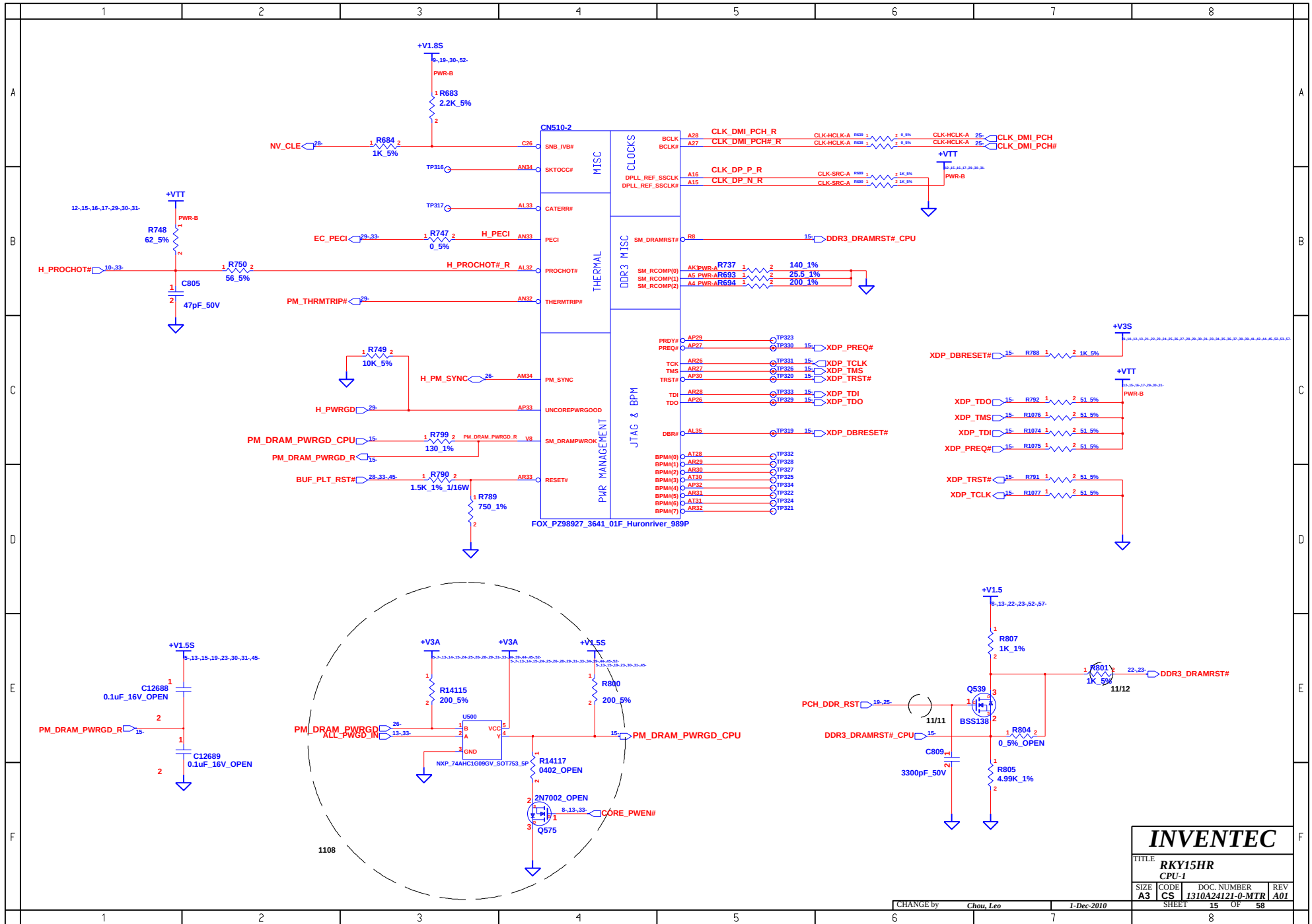


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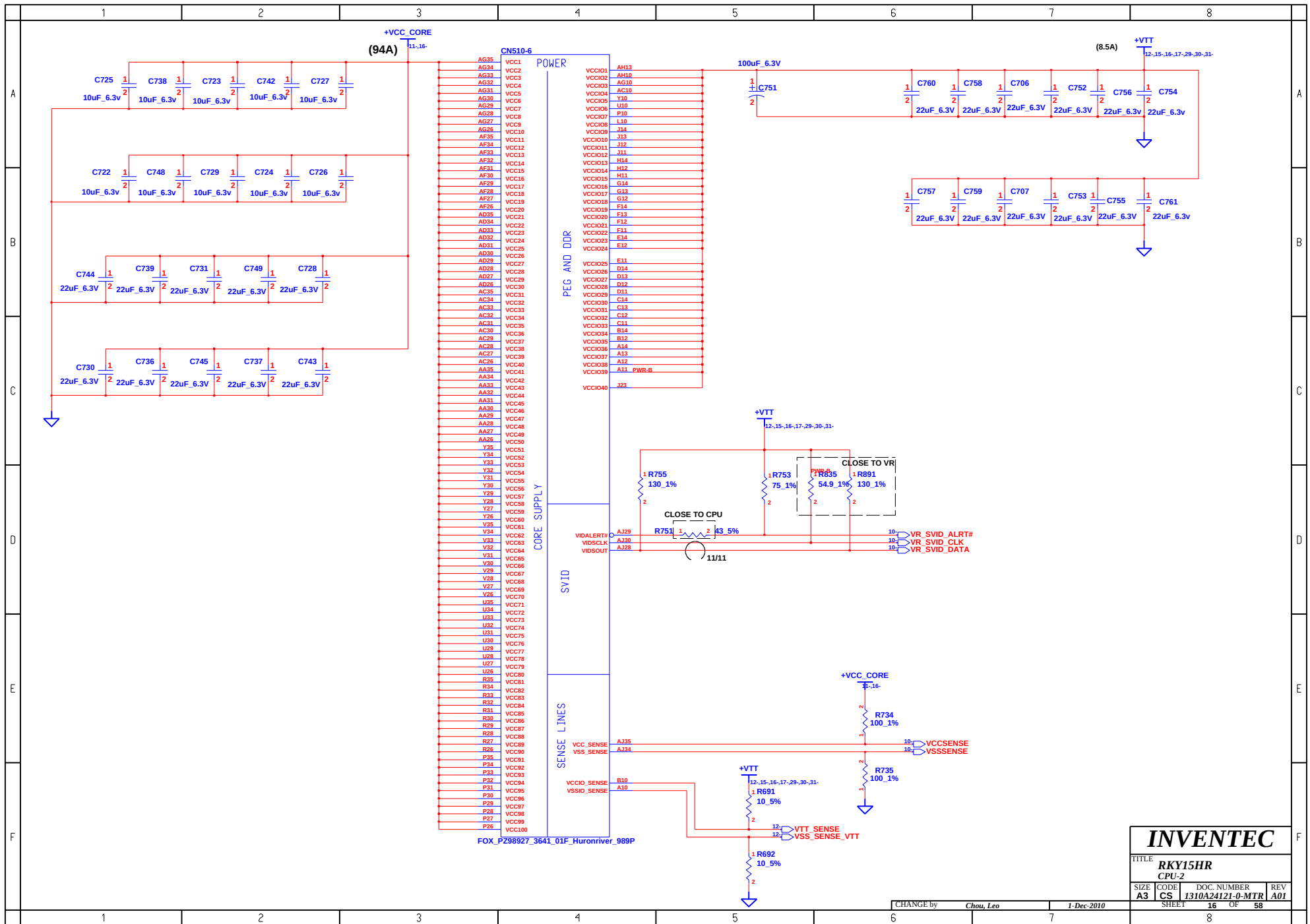
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CPU-1			
SIZE	CODE	DOC. NUMBER	REV
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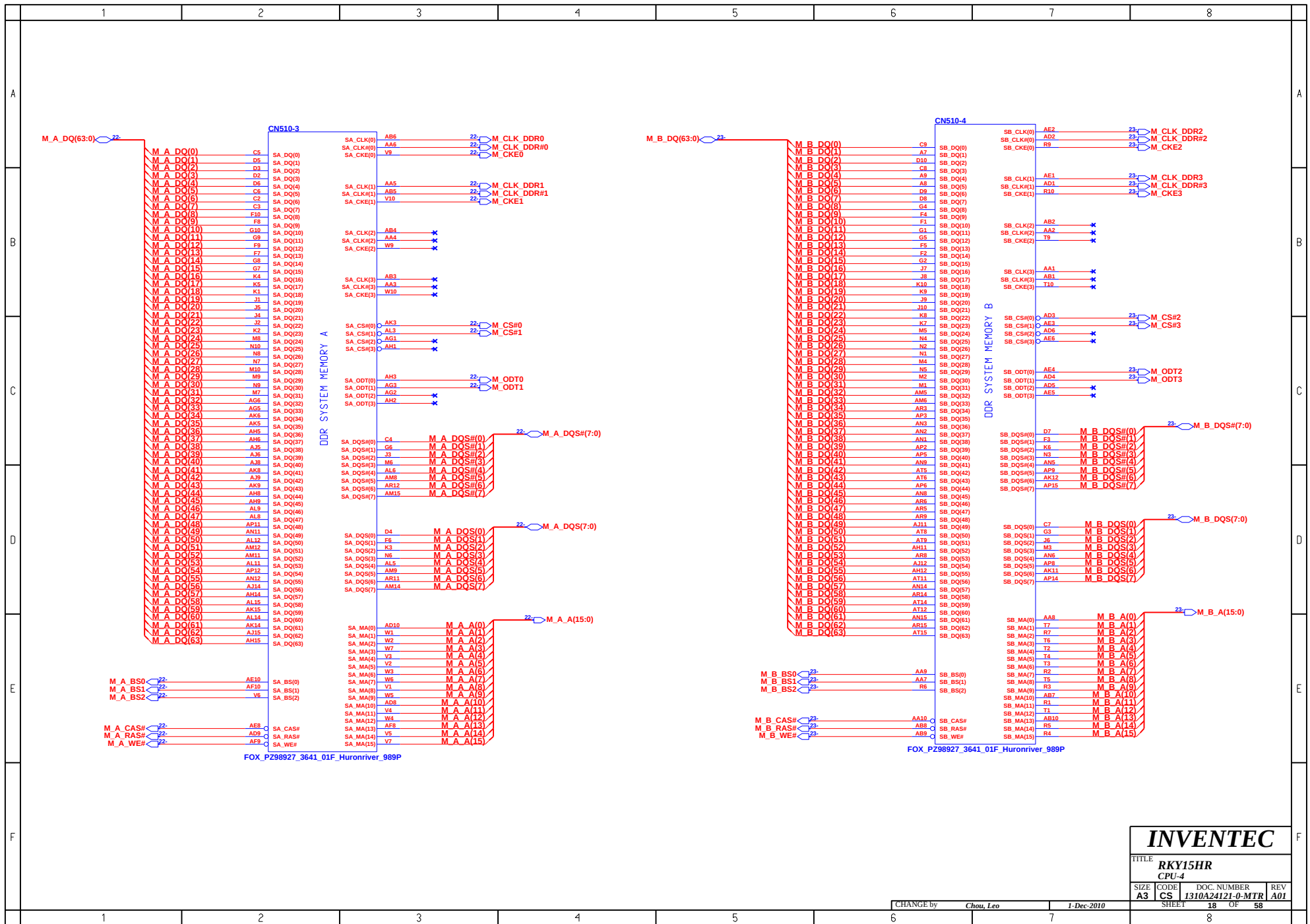
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CPU-2			
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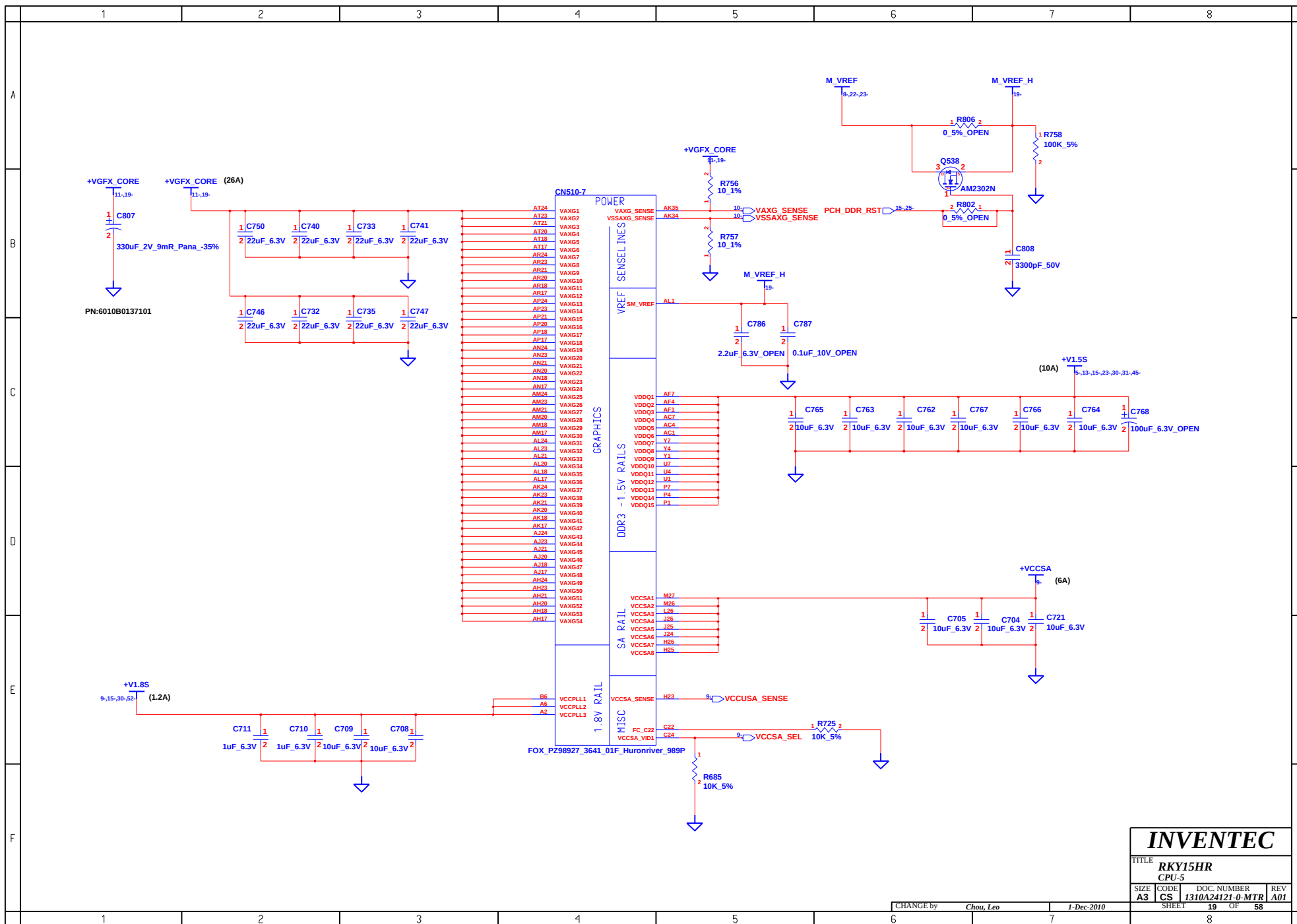
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TITLE
RKY15HR
CPU-4

SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
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CHANGE by **Chou, Leo** 1-Dec-2010

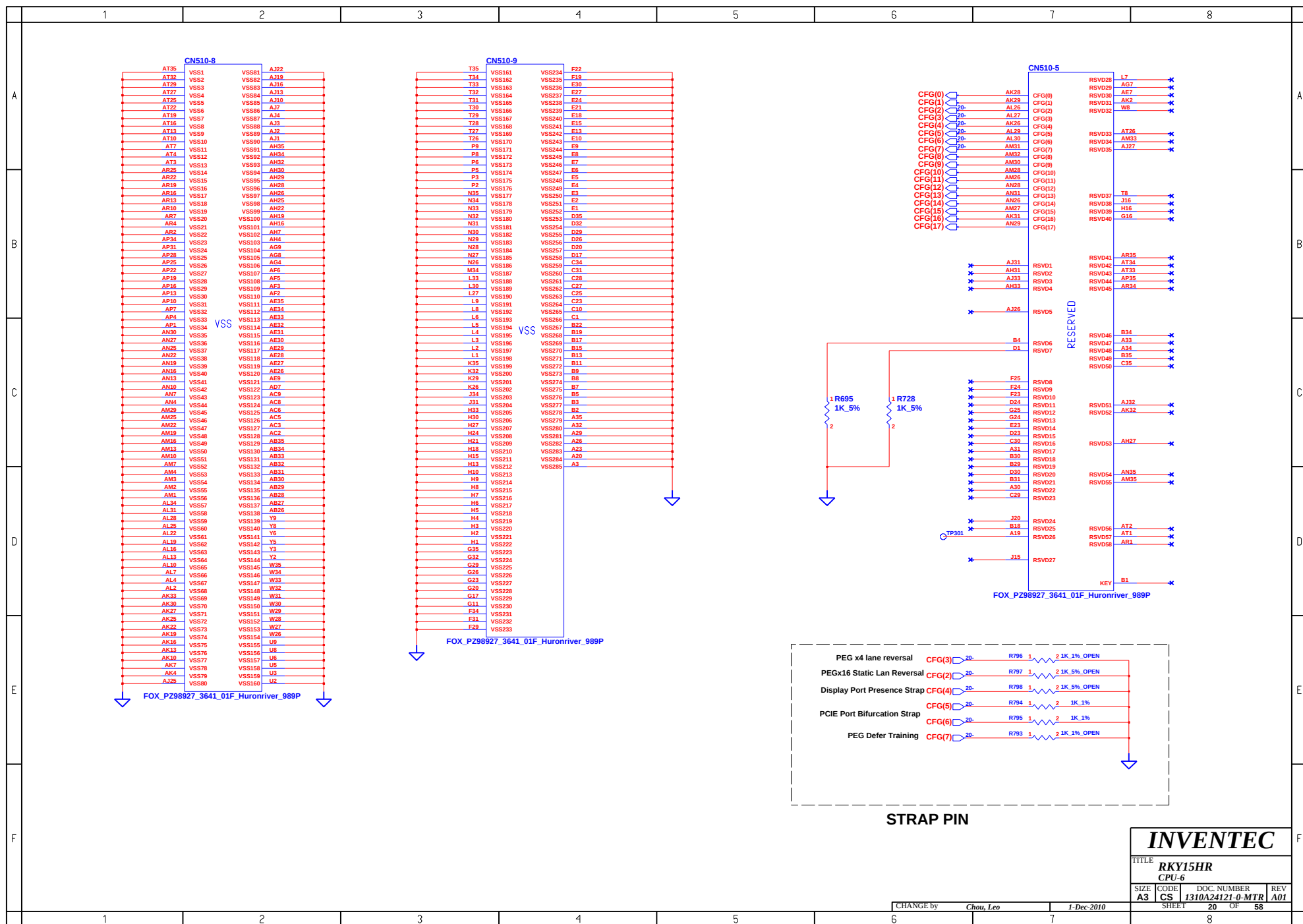
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INVENTEC

TITLE RKY15HR CPU-5			
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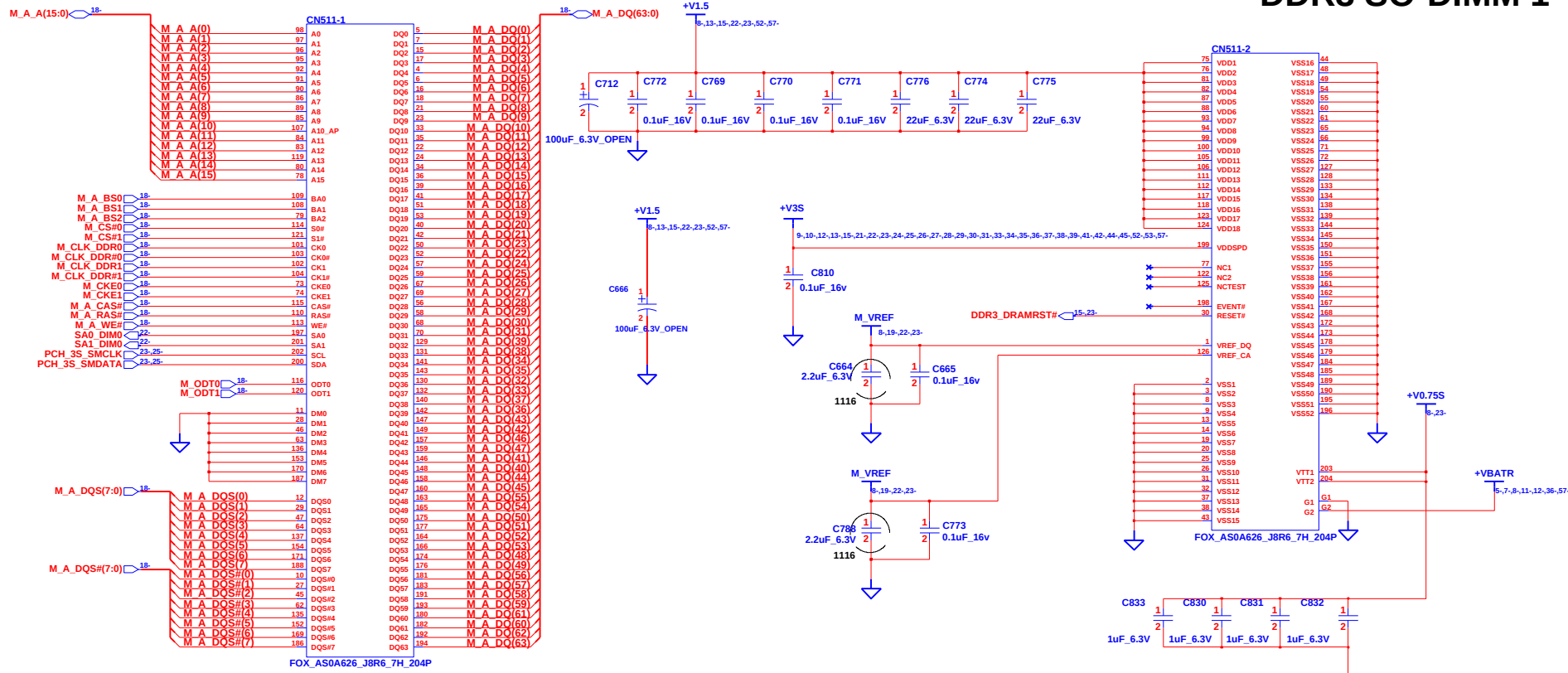
CHANGE by Chou, Leo 1-Dec-2010



[illegible]

TITLE			
RKY15HR <i>Thermal, Fan & XDP</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24121-0-MTR	A01
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DDR3 SO-DIMM 1



NOTE:
IF SA0_DIM0=0, SA1_DIM0=0
SO-DIMMA SPD ADDRESS IS 0xA0
SO-DIMMA TS ADDRESS IS 0x30
IF SA0_DIM0=1, SA1_DIM0=0
SO-DIMMA SPD ADDRESS IS 0xA2
SO-DIMMA TS ADDRESS IS 0x32

INVENTEC

TITLE RKY15HR DDR3-1			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
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DDR3 SO-DIMM 2

CN1005 (lower) : 6026B0121102
*BOM

Layout Note: Place
these Caps near
SO-DIMM1 power pin

Place these caps
close to VTT1 and
VTT2

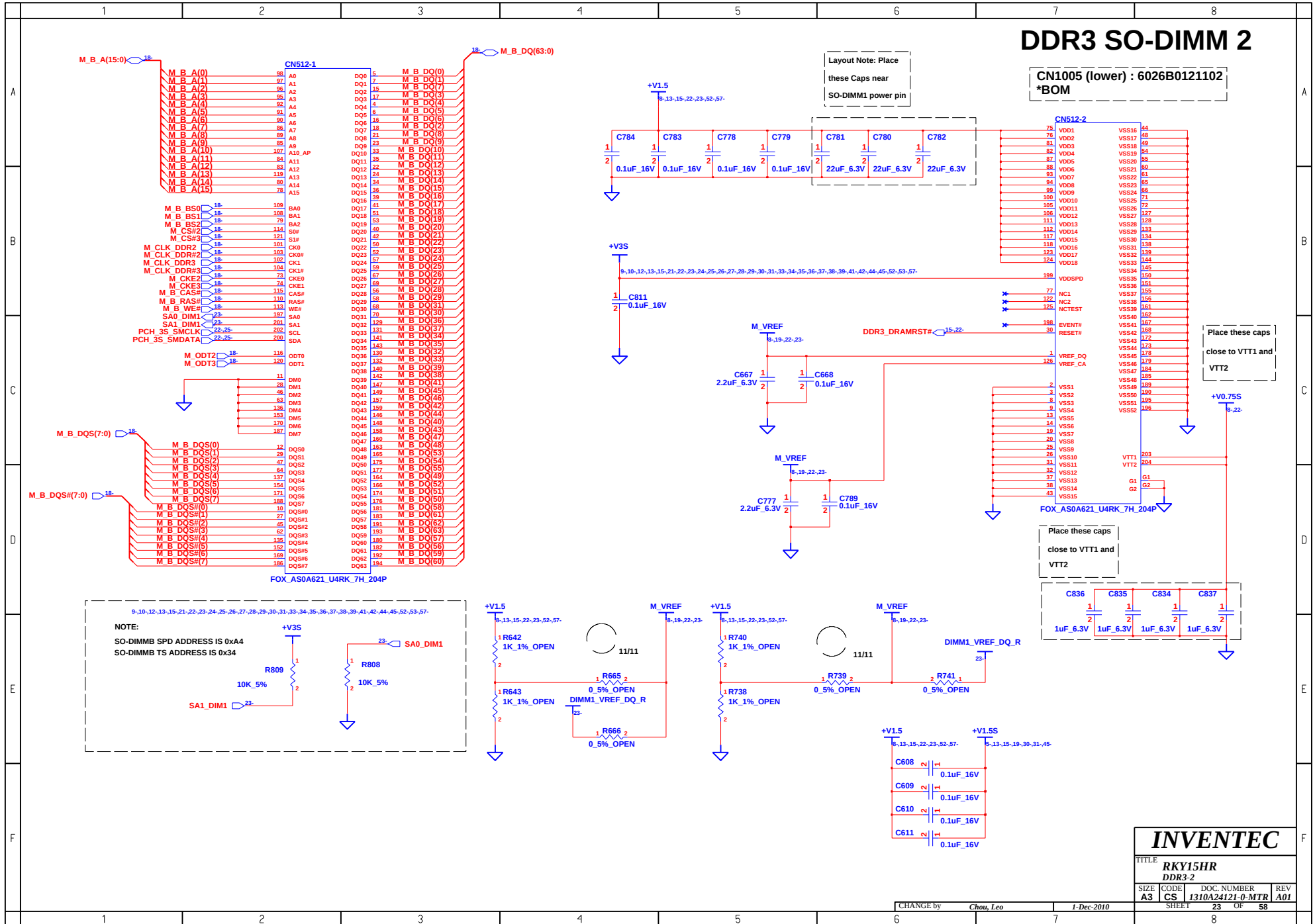
Place these caps
close to VTT1 and
VTT2

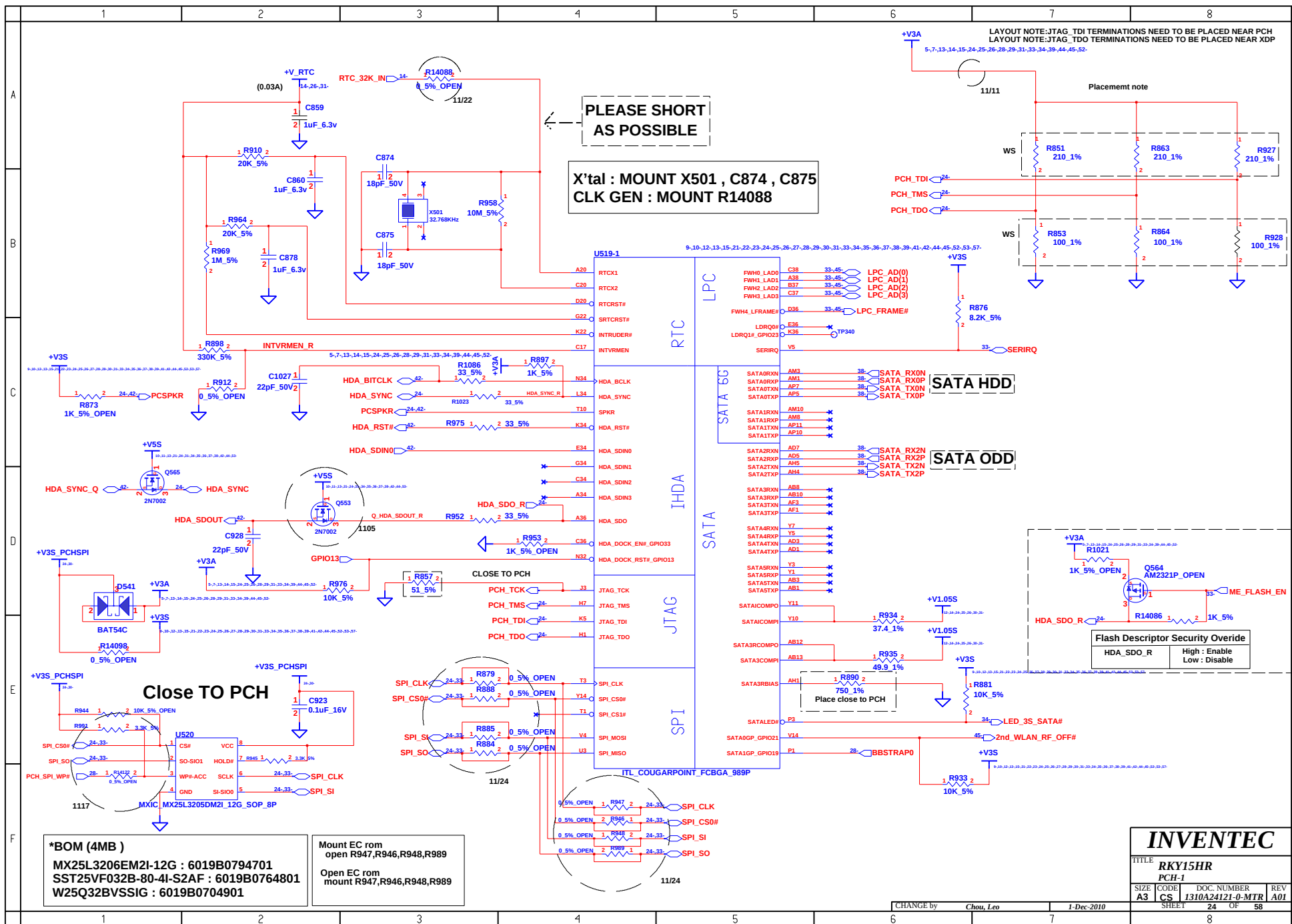
NOTE:
SO-DIMMB SPD ADDRESS IS 0xA4
SO-DIMMB TS ADDRESS IS 0x34

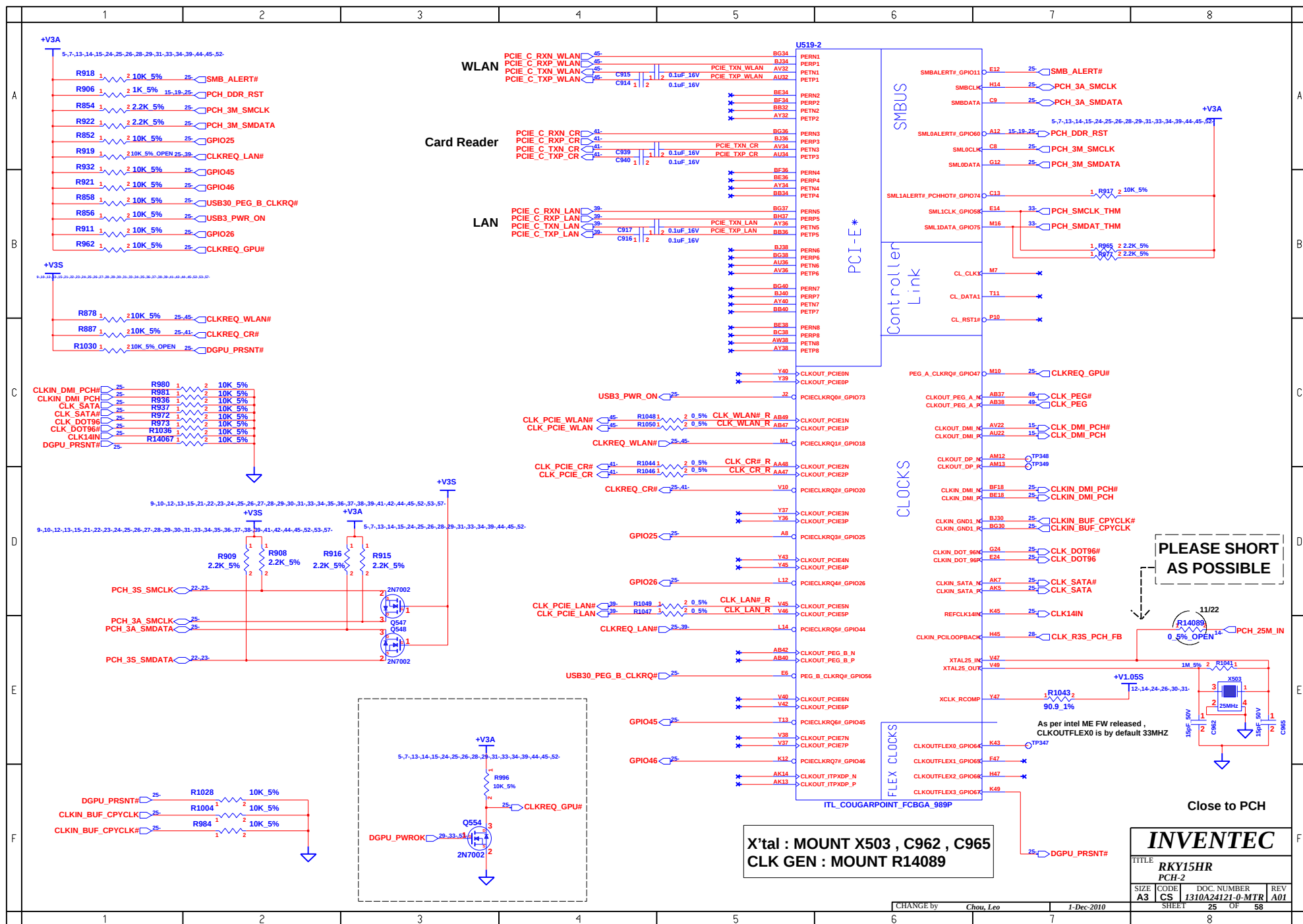
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TITLE RKY15HR DDR3-2			
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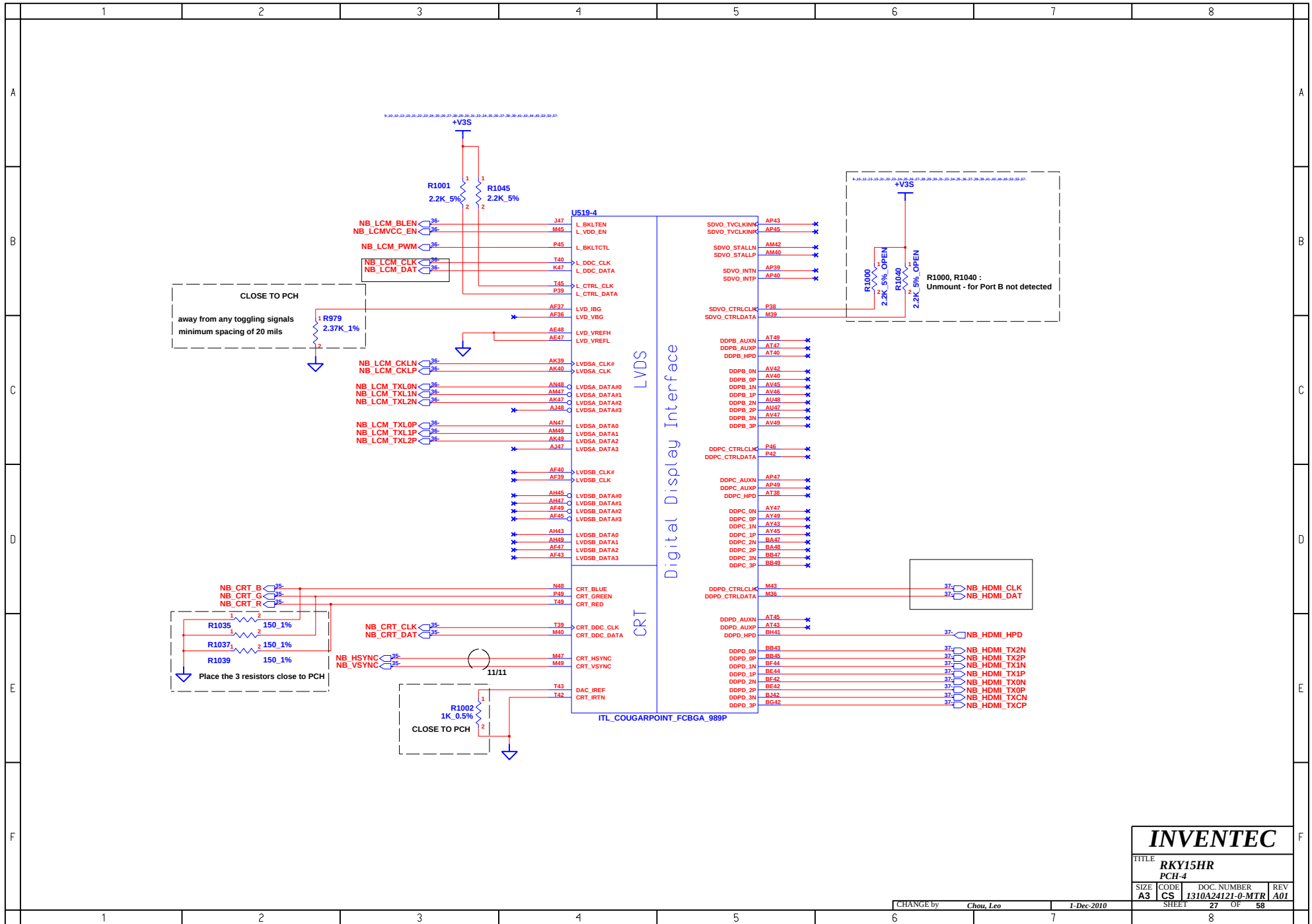


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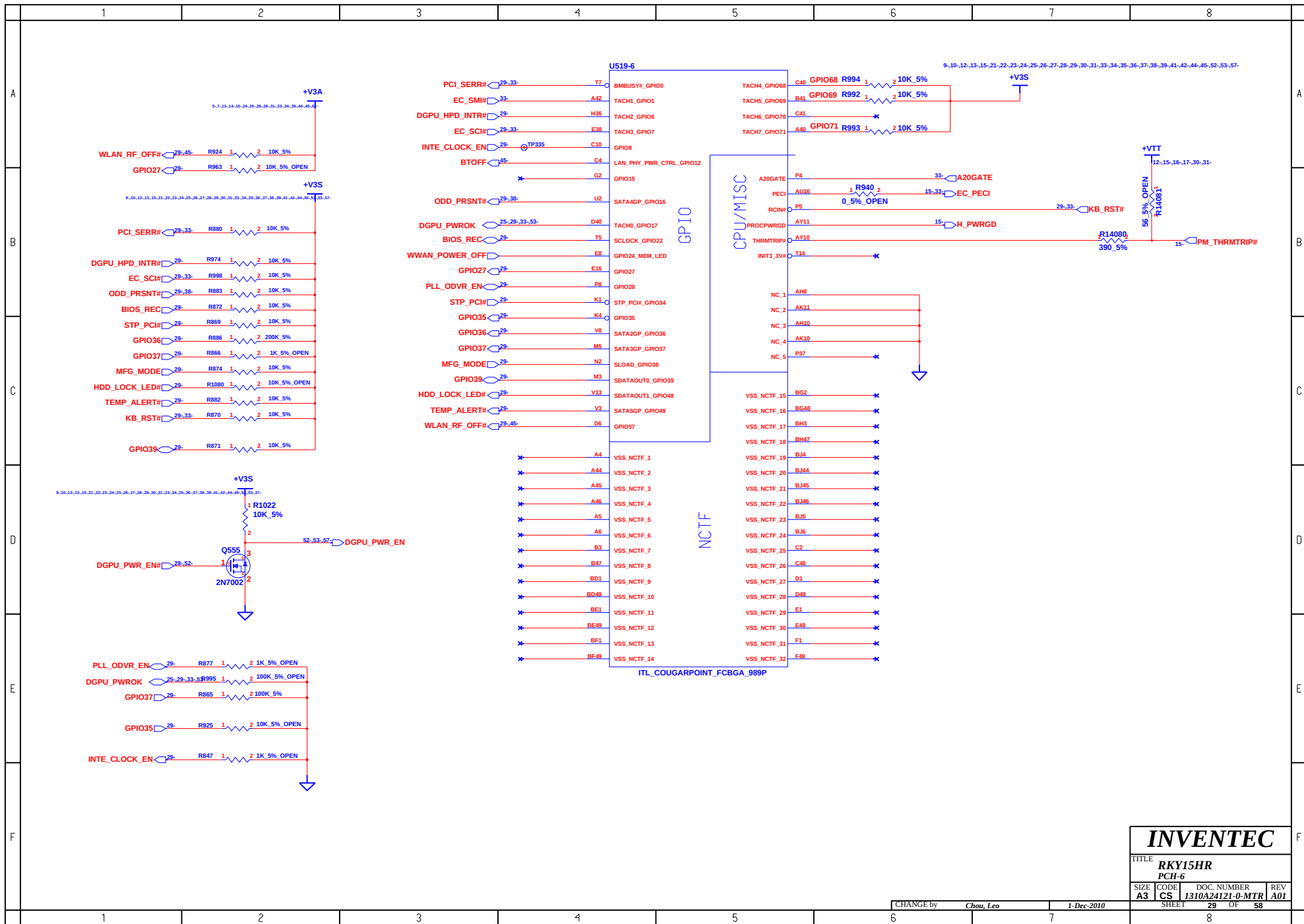
CHANGE by	<i>Chou, Leo</i>	<i>1-Dec-2010</i>
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INVENTEC

TITLE RKY15HR PCH-4			
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CHANGE by **Chou, Leo** 1-Dec-2010



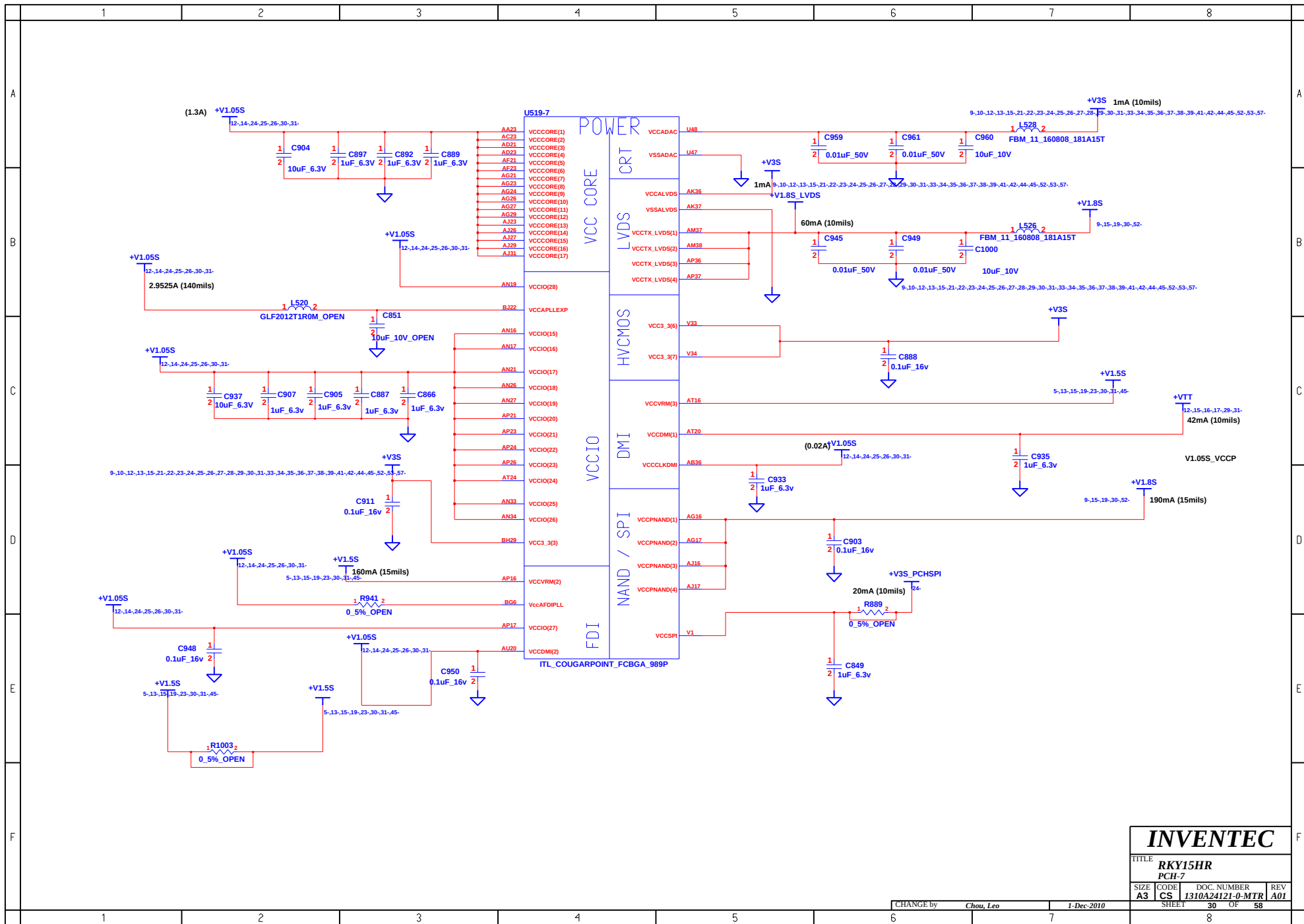
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TITLE
RKY15HR
PCH-6

SIZE	CODE	DOC. NUMBER	REV
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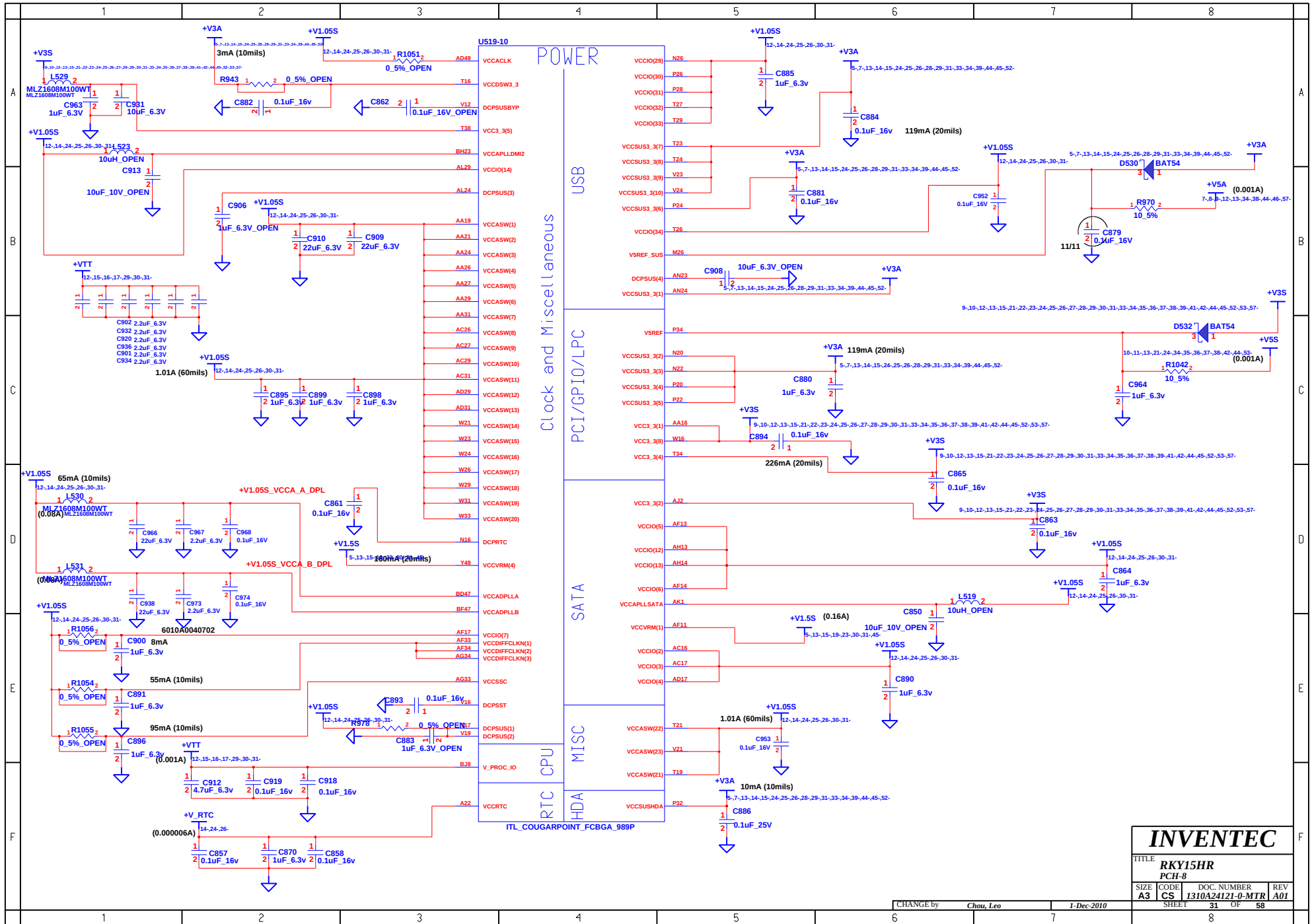
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PCH-7			
SIZE	CODE	DOC. NUMBER	REV
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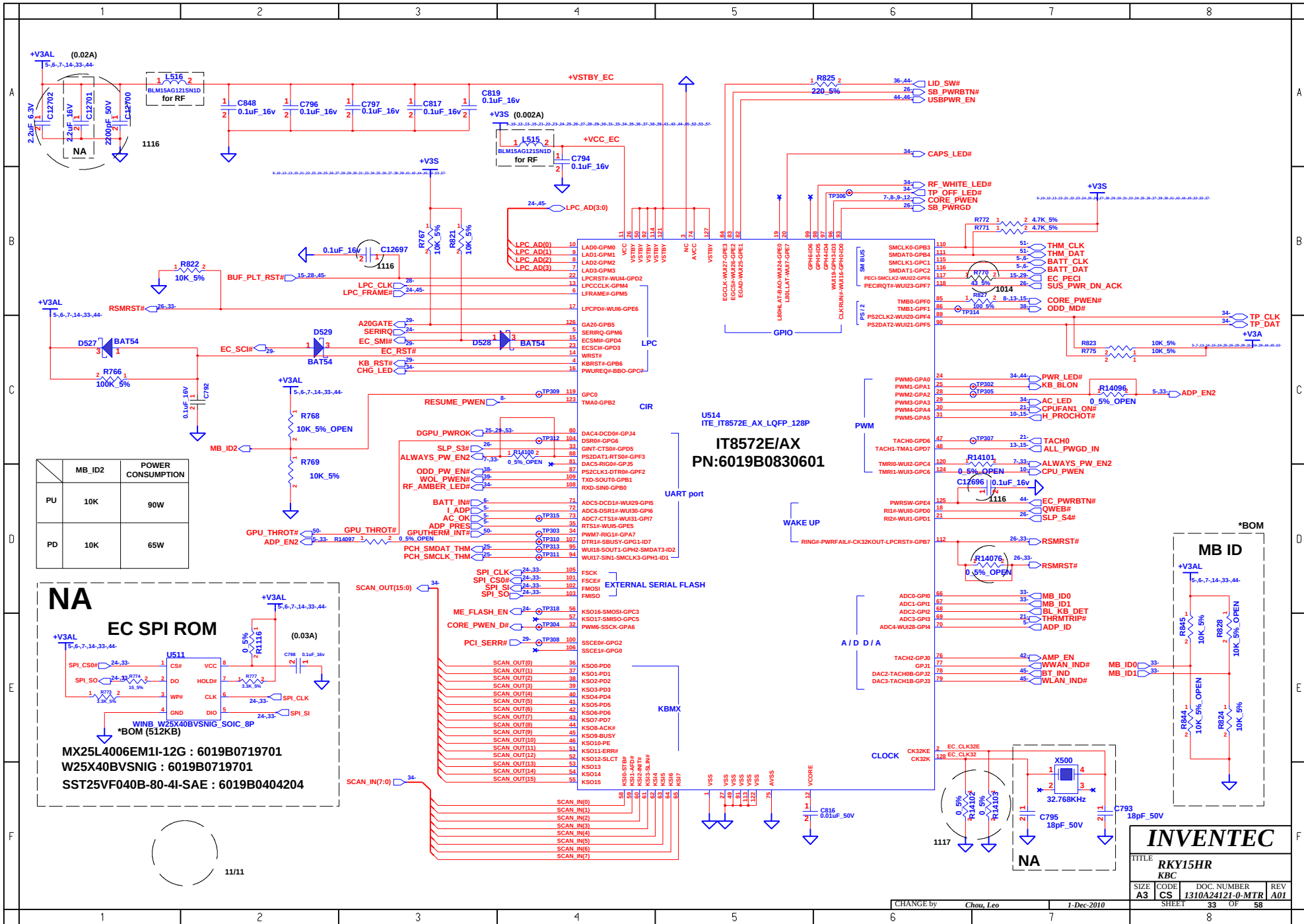
CHANGE by Chou, Leo

1-Dec-2010

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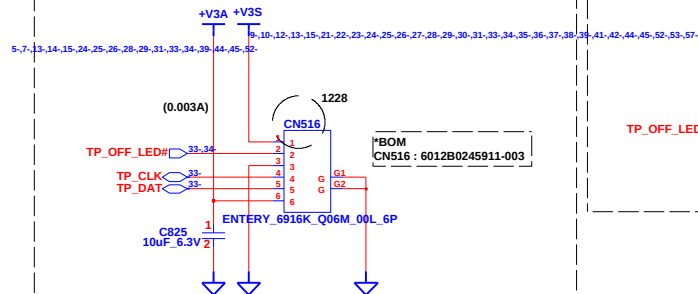


CHANGE by Chou, Leo

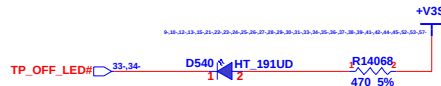
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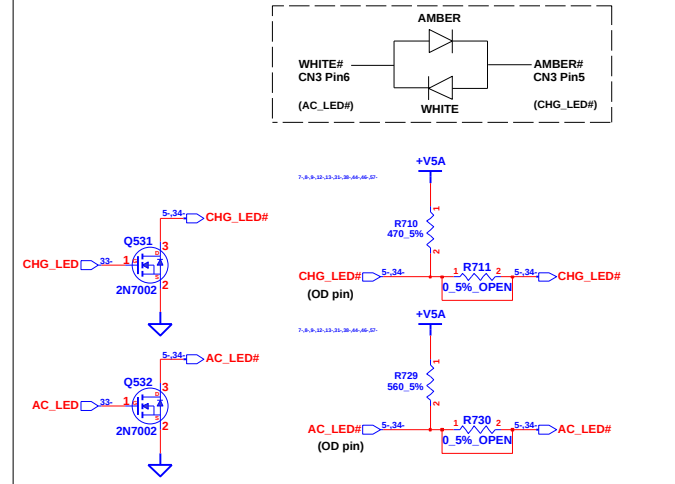
TouchPad Module CONN



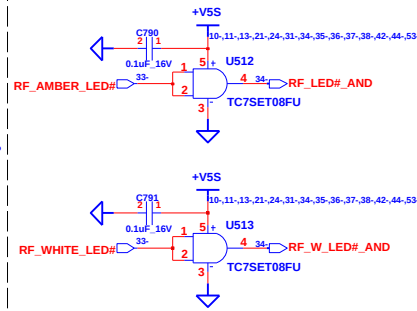
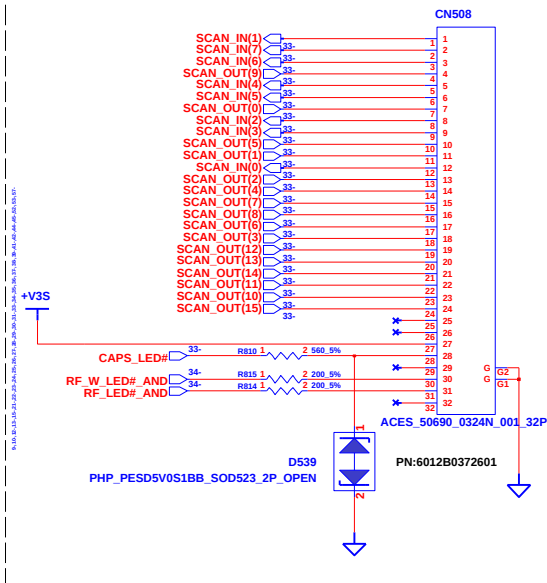
Touch Pad LED



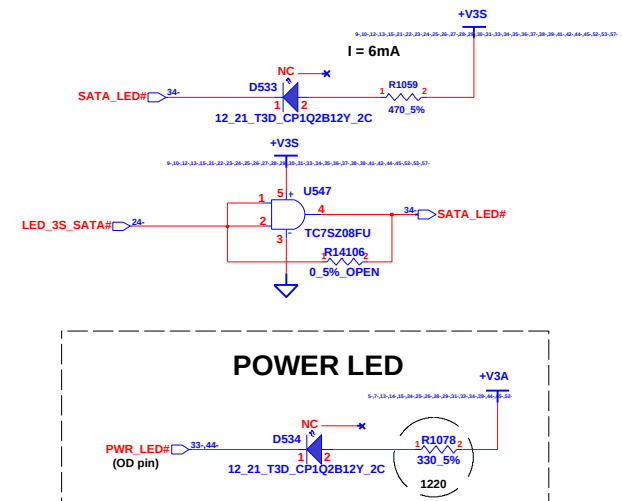
DC-JACK LED



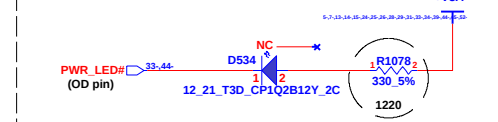
KeyBoard CONN (30 pin)



SATA LED & HDD-HALTED LED



POWER LED

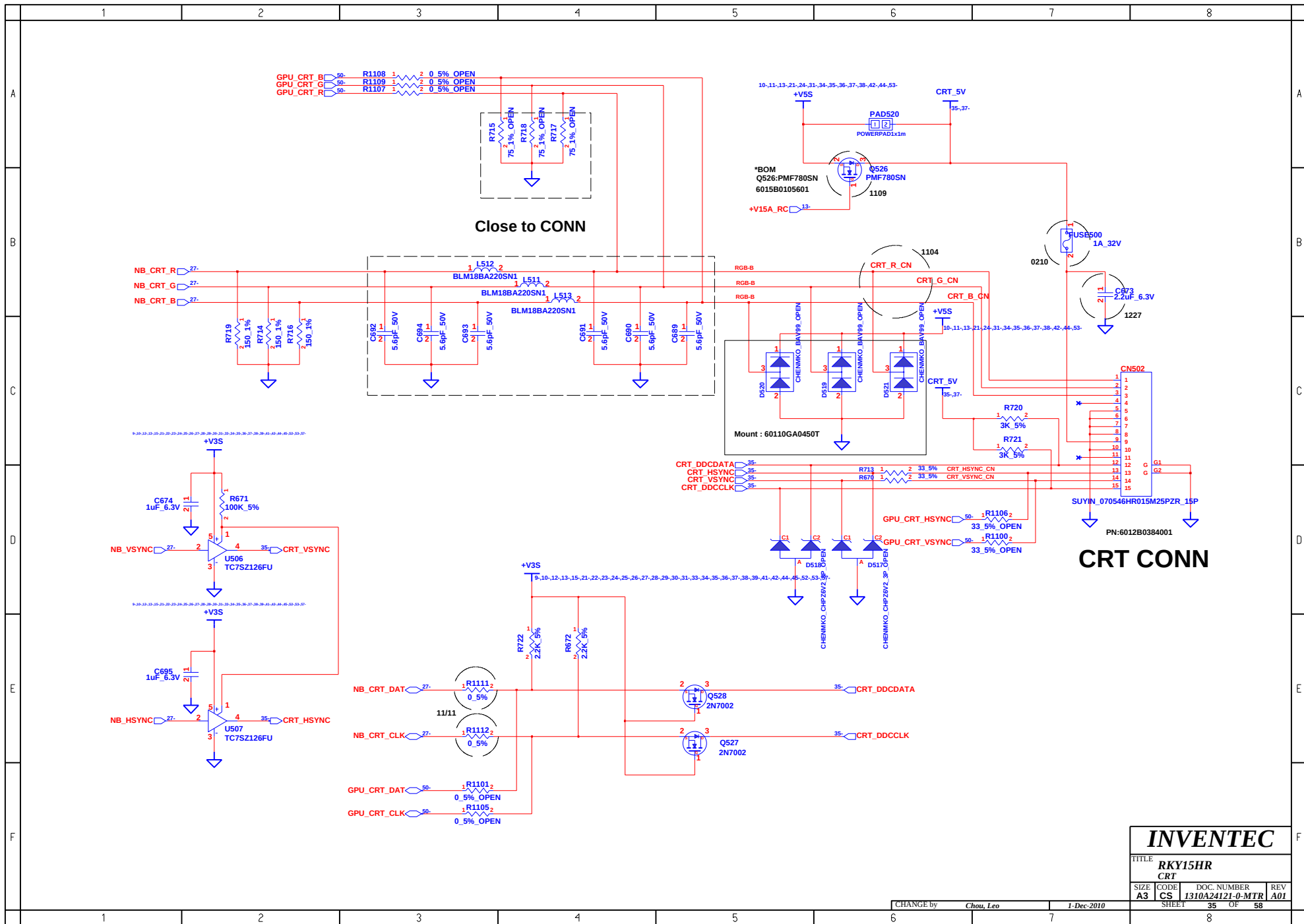


INVENTEC

TITLE RKY15HR Keyboard & TouchPad			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
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CHANGE by **Chou, Leo**

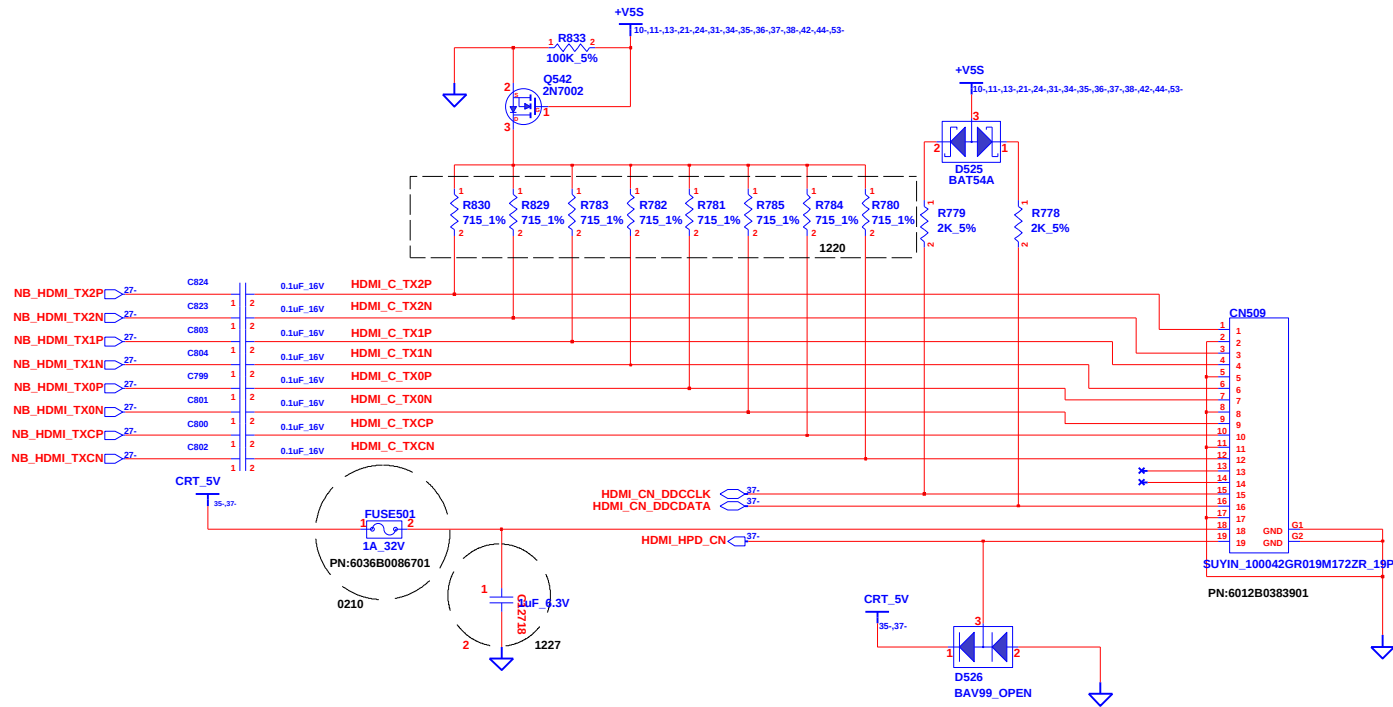
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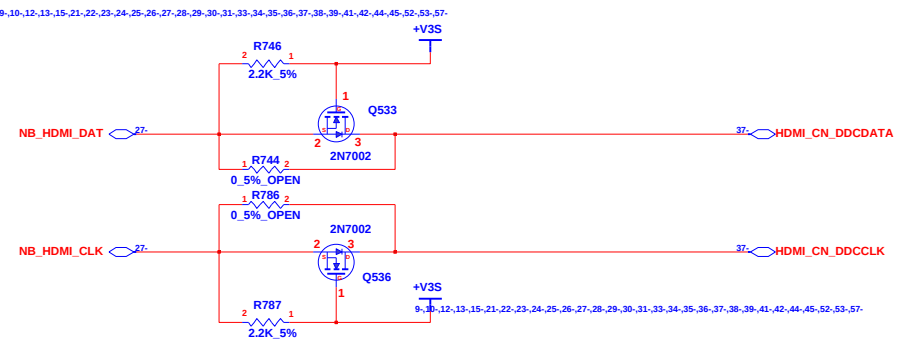
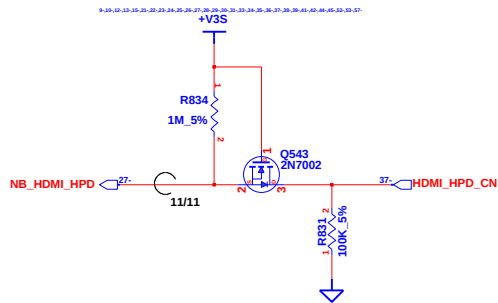
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CHANGE by Chou, Leo 1-Dec-2010



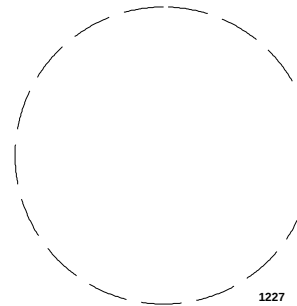
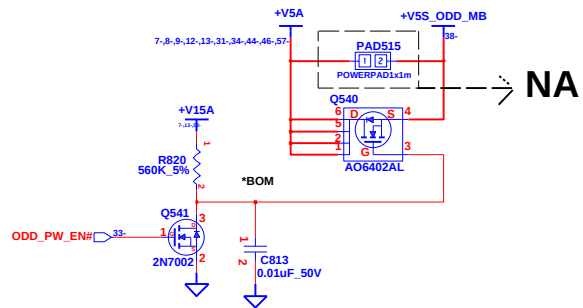
HDMI CONN



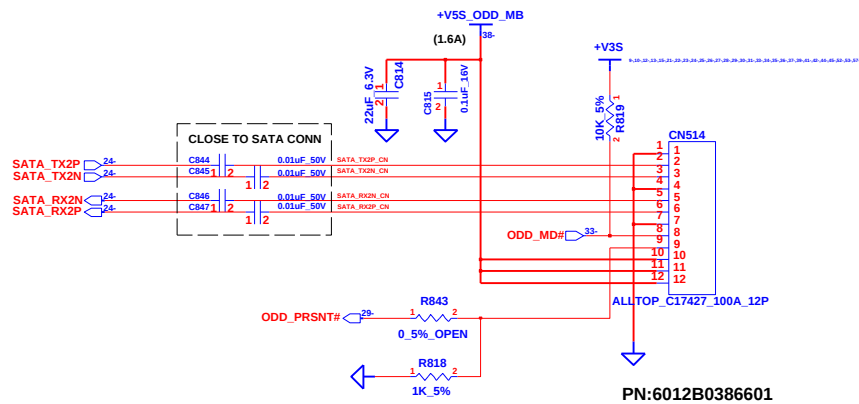
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TITLE			
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SIZE	CODE	DOC. NUMBER	REV
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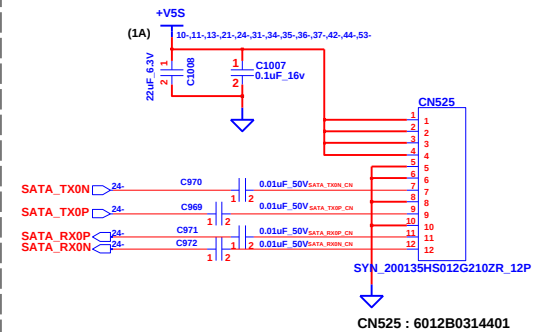
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SATA ODD CONN on MB



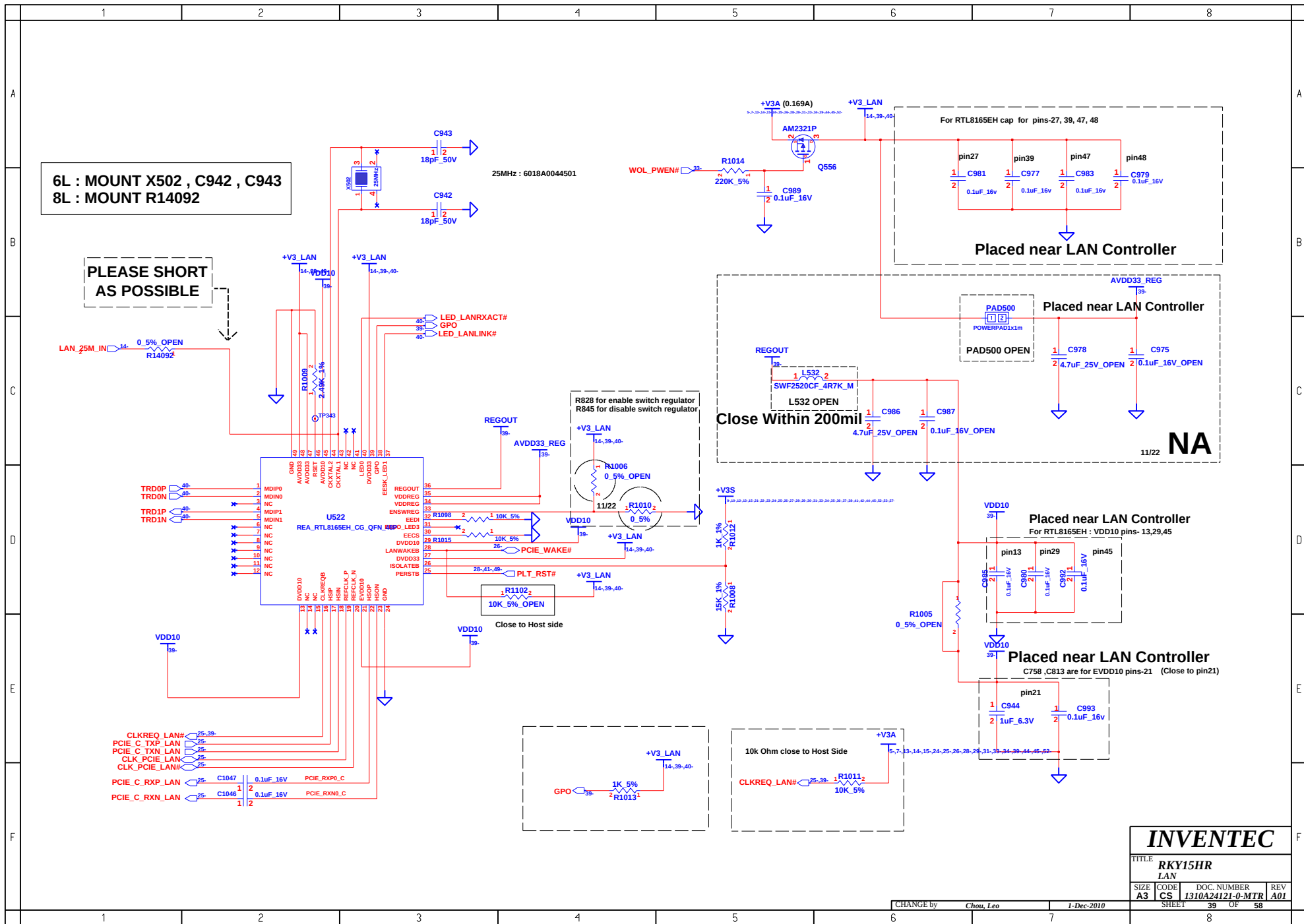
SATA HDD FPC CONN on MB

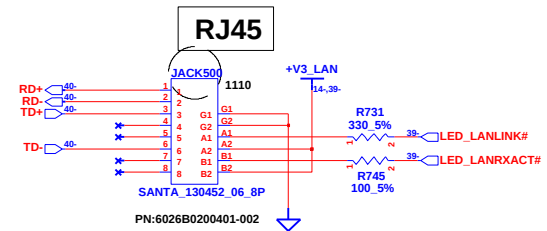
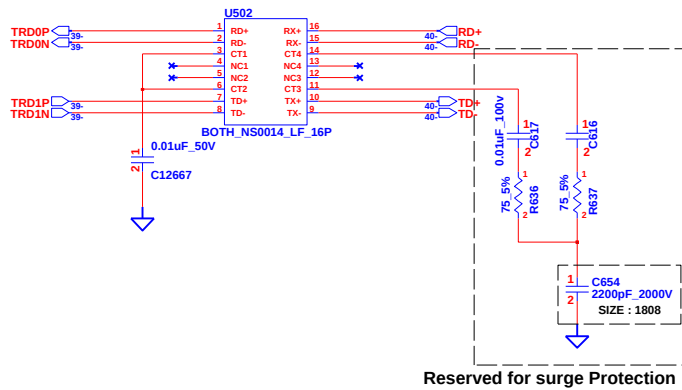


INVENTEC

TITLE RKY15HR SATA HDD & ODD			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
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CHANGE by Chou, Leo 1-Dec-2010





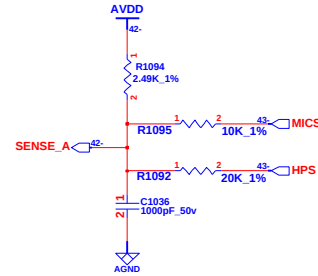
LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible

INVENTEC			
TITLE RKY15HR			
RJ-45			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
CHANGE by Chou, Leo		1-Dec-2010	
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8

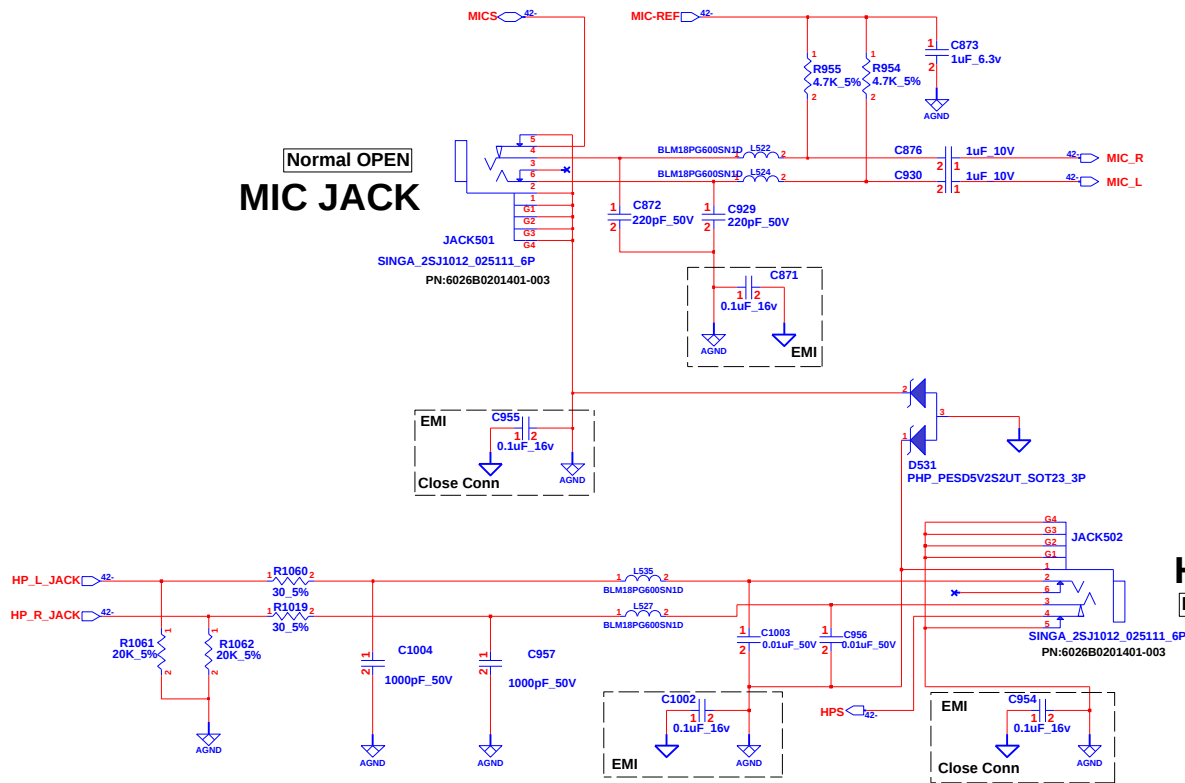
6019B0824101



INT-SPEAKER CONN



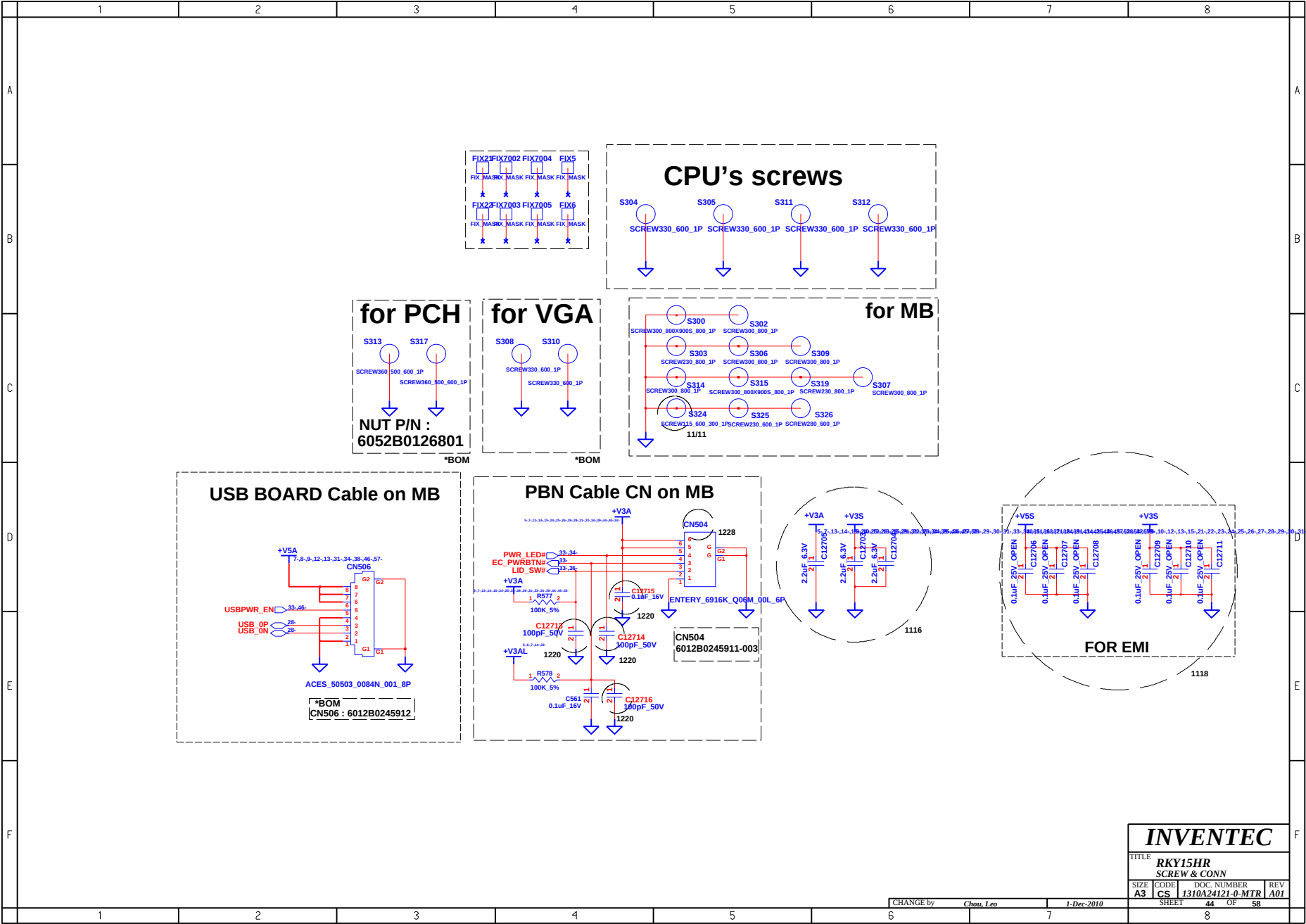
CHANGE by	Chou, Leo
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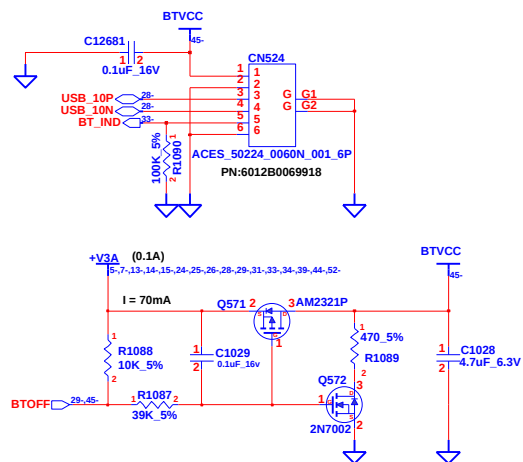
INVENTEC

TITLE RKY15HR HP JACK & MIC JACK			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
SHEET 43		OF 58	

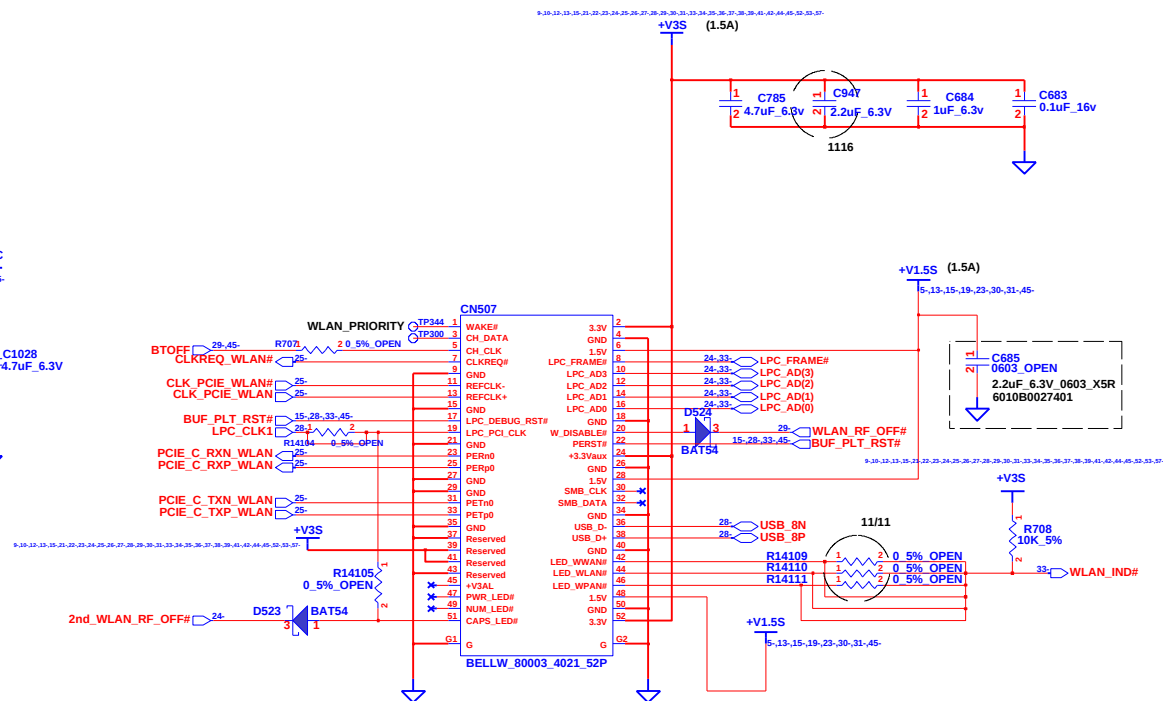
CHANGE by **Chou, Leo** 1-Dec-2010



BLUETOOTH CONN



WLAN CONN (MINICARD)



*BOM
CN507 : 6026B0140704

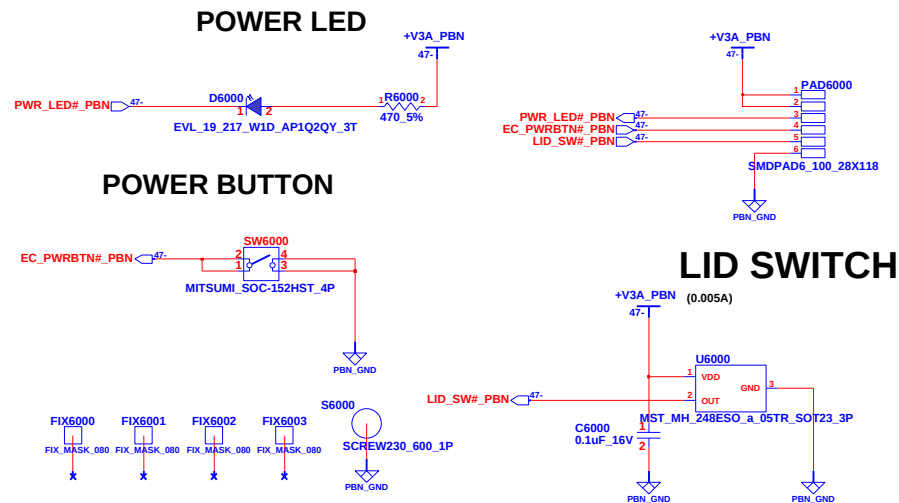
INVENTEC

TITLE RKY15HR WLAN, BT & WebCAM			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
CHANGE by Chou, Leo		1-Dec-2010	
SHEET 45		OF 58	

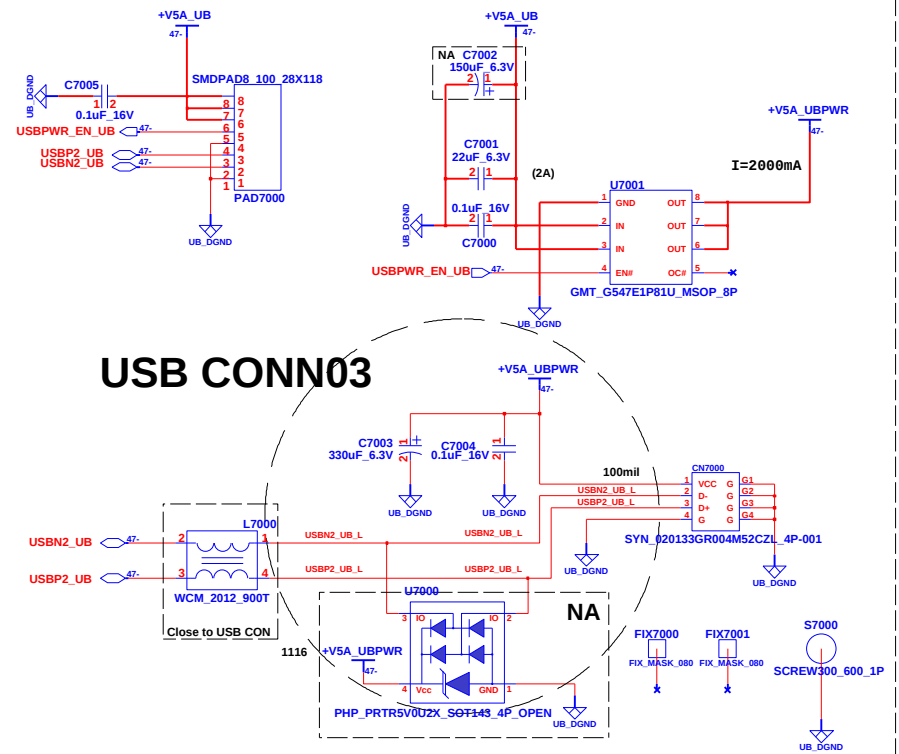


CHANGE by	<i>Chou, Leo</i>	<i>1-Dec-2010</i>
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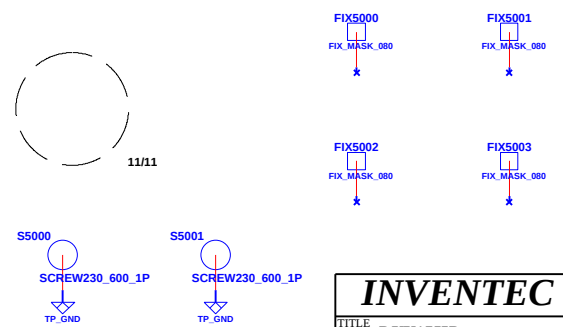
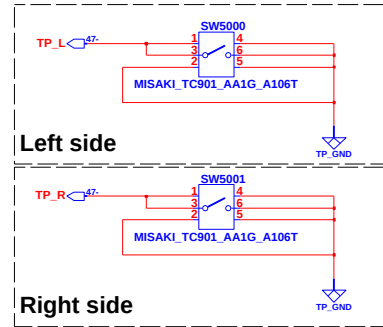
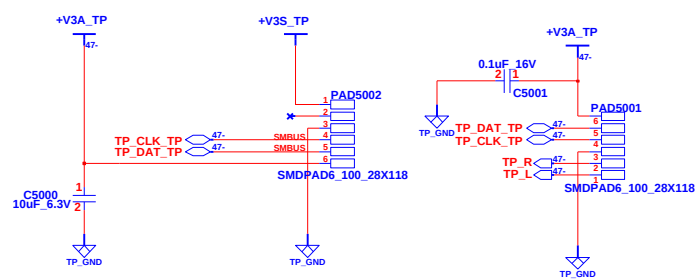
POWER BOTTON BOARD



USB BOARD



PICK BUTTON BOARD

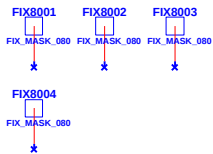
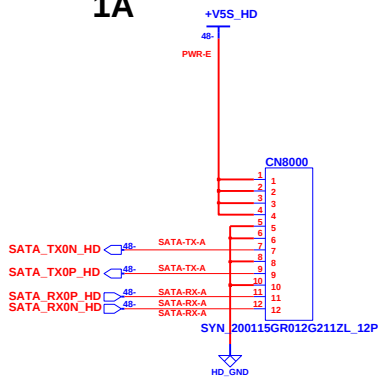


INVENTEC			
TITLE RKY15HR			
USB, PowerButton (DB)			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
CHANGE by Chou, Leo		1-Dec-2010	
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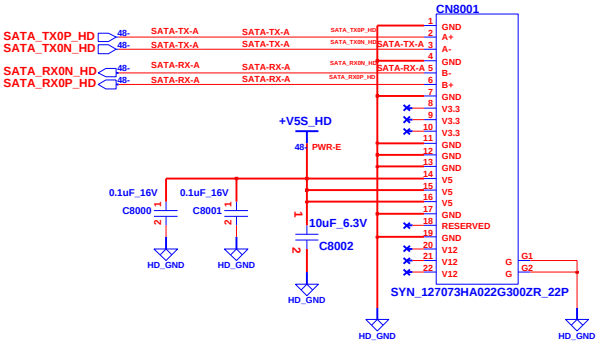
SATA HDD BOARD

SATA HDD BTB CONN on HDD/B

1A



HDD CONN



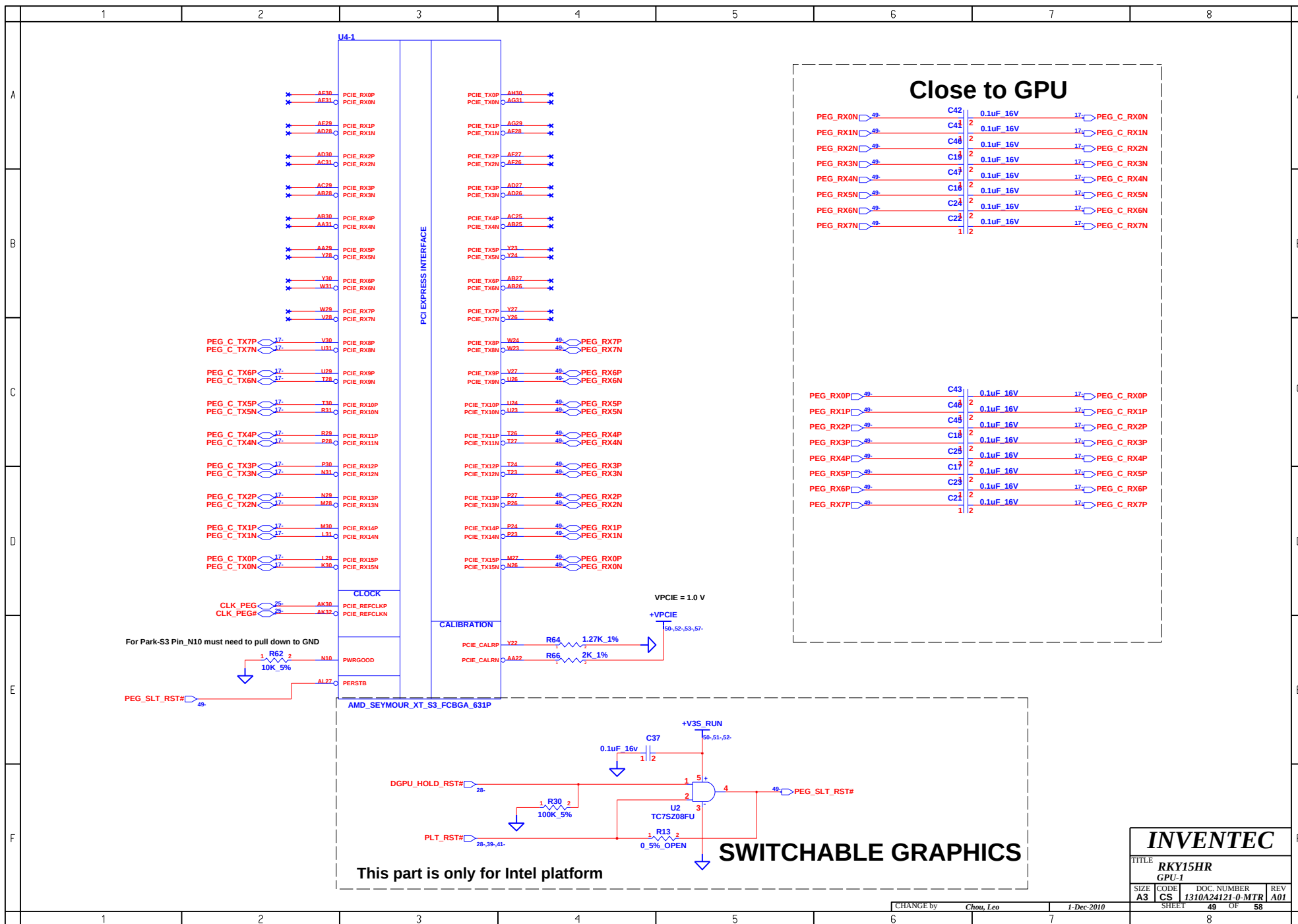
INVENTEC

TITLE
RKY15HR
HDD CONN

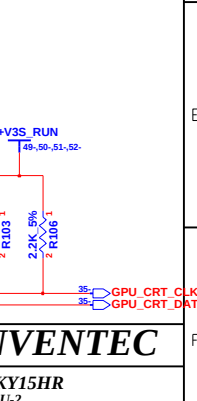
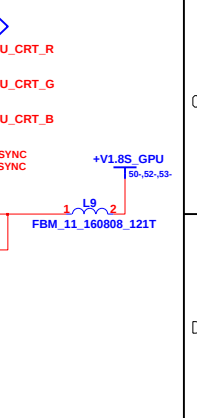
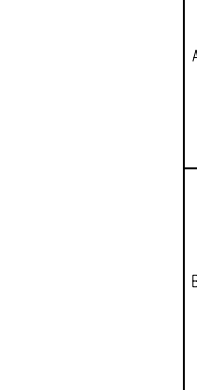
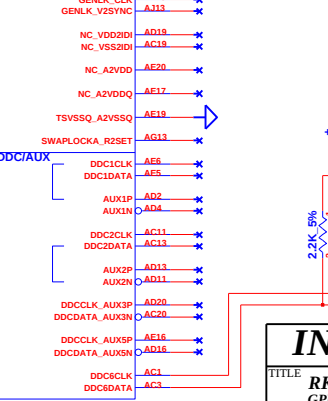
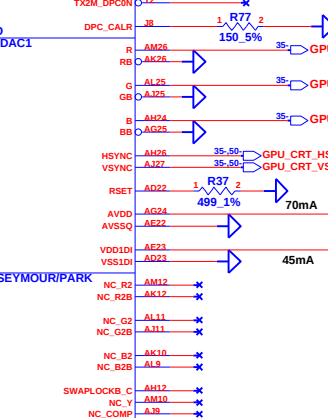
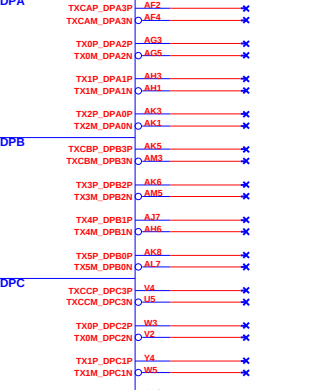
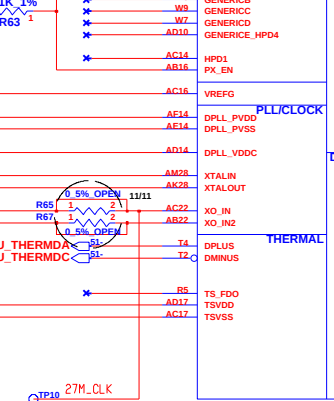
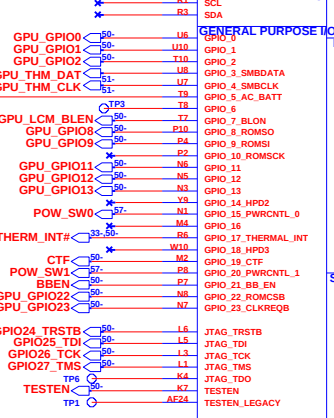
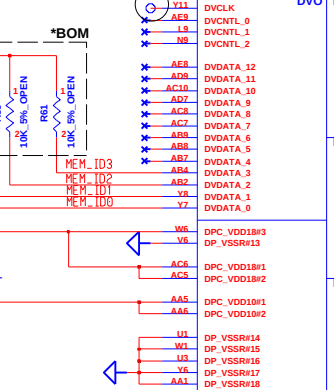
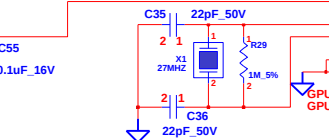
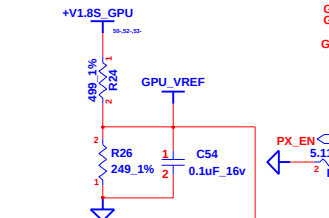
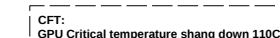
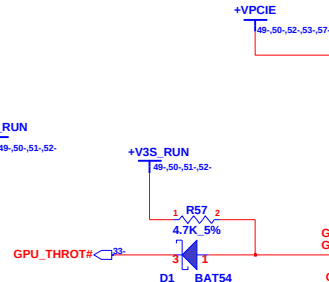
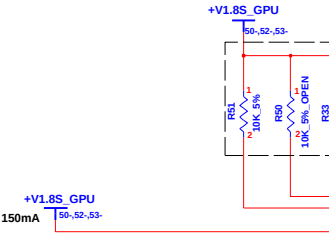
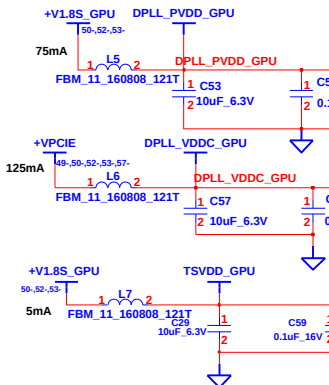
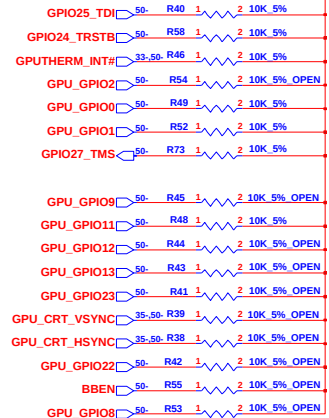
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24121-0-MTR	A01

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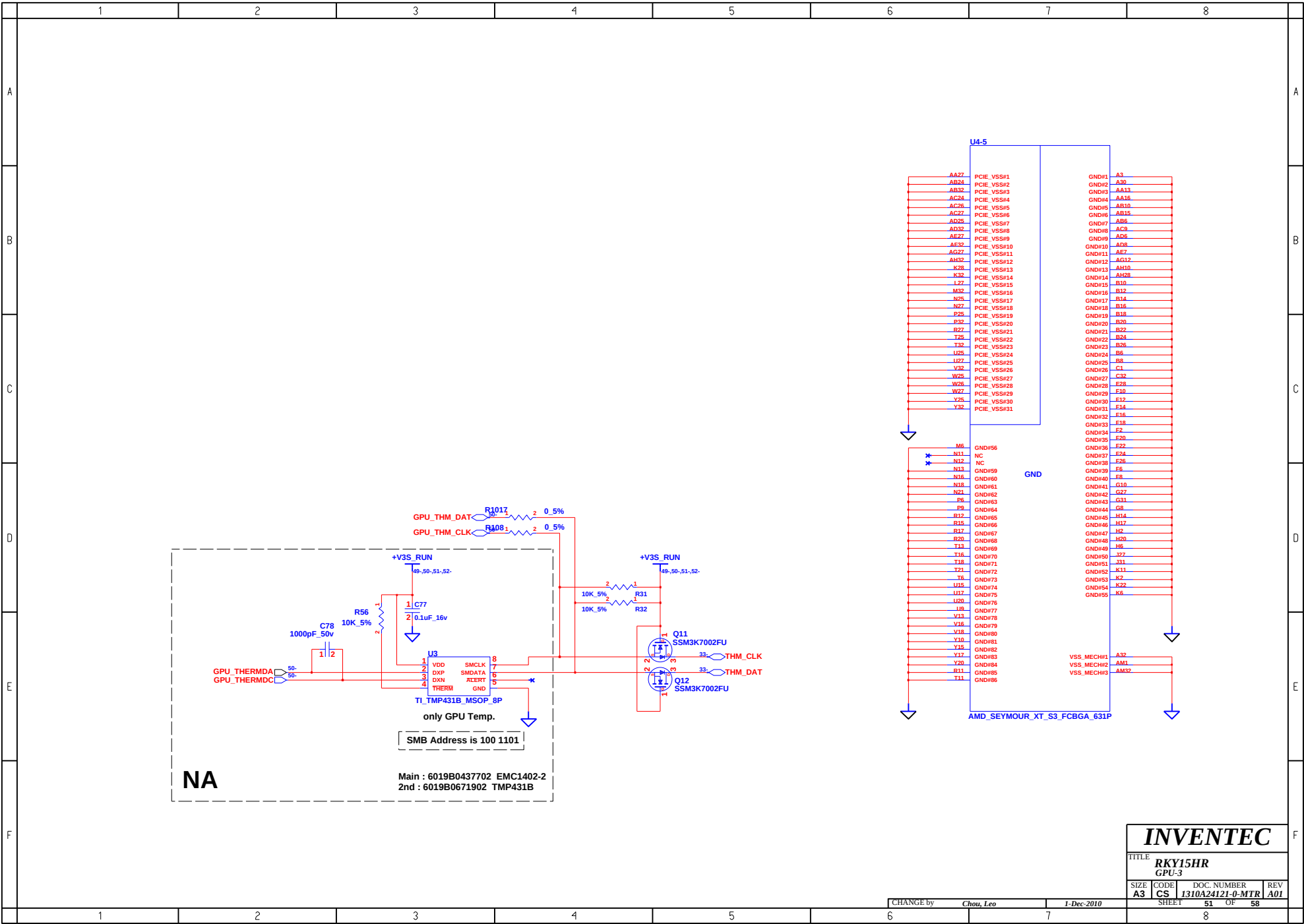


If GPIO_22_EN = 0, then GPIO[13:11] defines the primary memory aperture size.			
GPIO_13	GPIO_12	GPIO_11	Memory aperture size
0	0	1	512MB / 256MB (Default)
1	1	0	reserved



POW_SW1	POW_SW0	+VDDC_GPU
0	0	1.1V
0	1	1V
1	0	0.95V
1	1	0.9V

INVENTEC			
TITLE RKY15HR GPU-2			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01



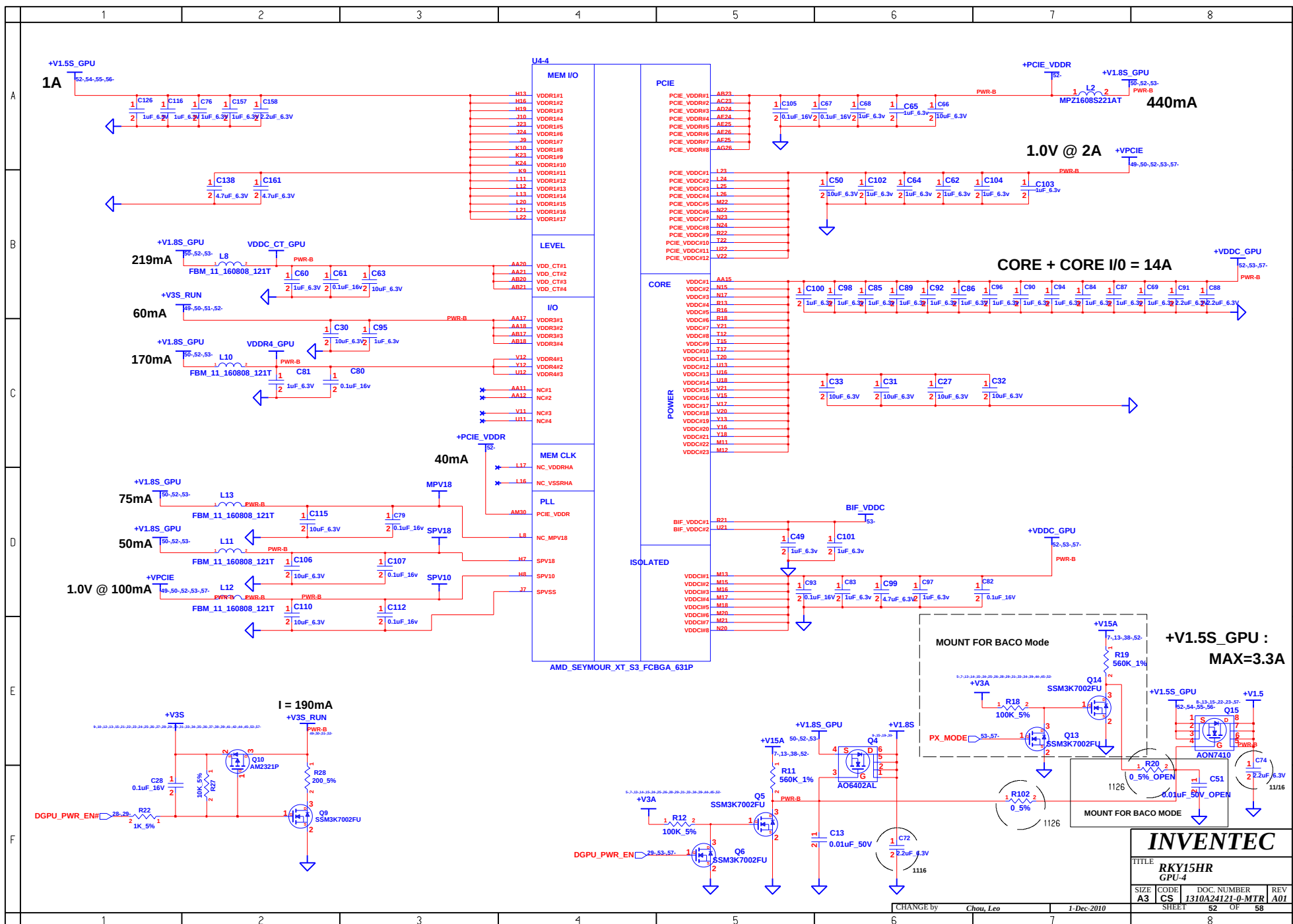
INVENTEC

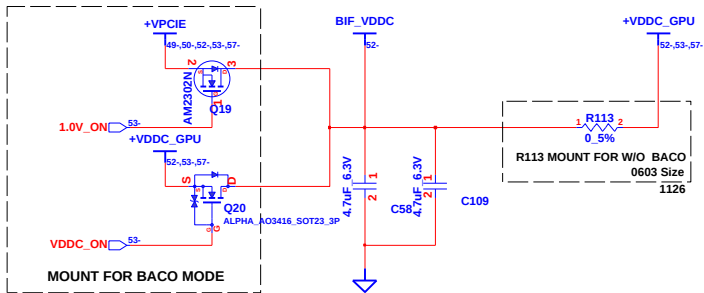
TITLE
RKY15HR
GPU-3

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24121-0-MTR	A01

CHANGE by Chou, Leo 1-Dec-2010

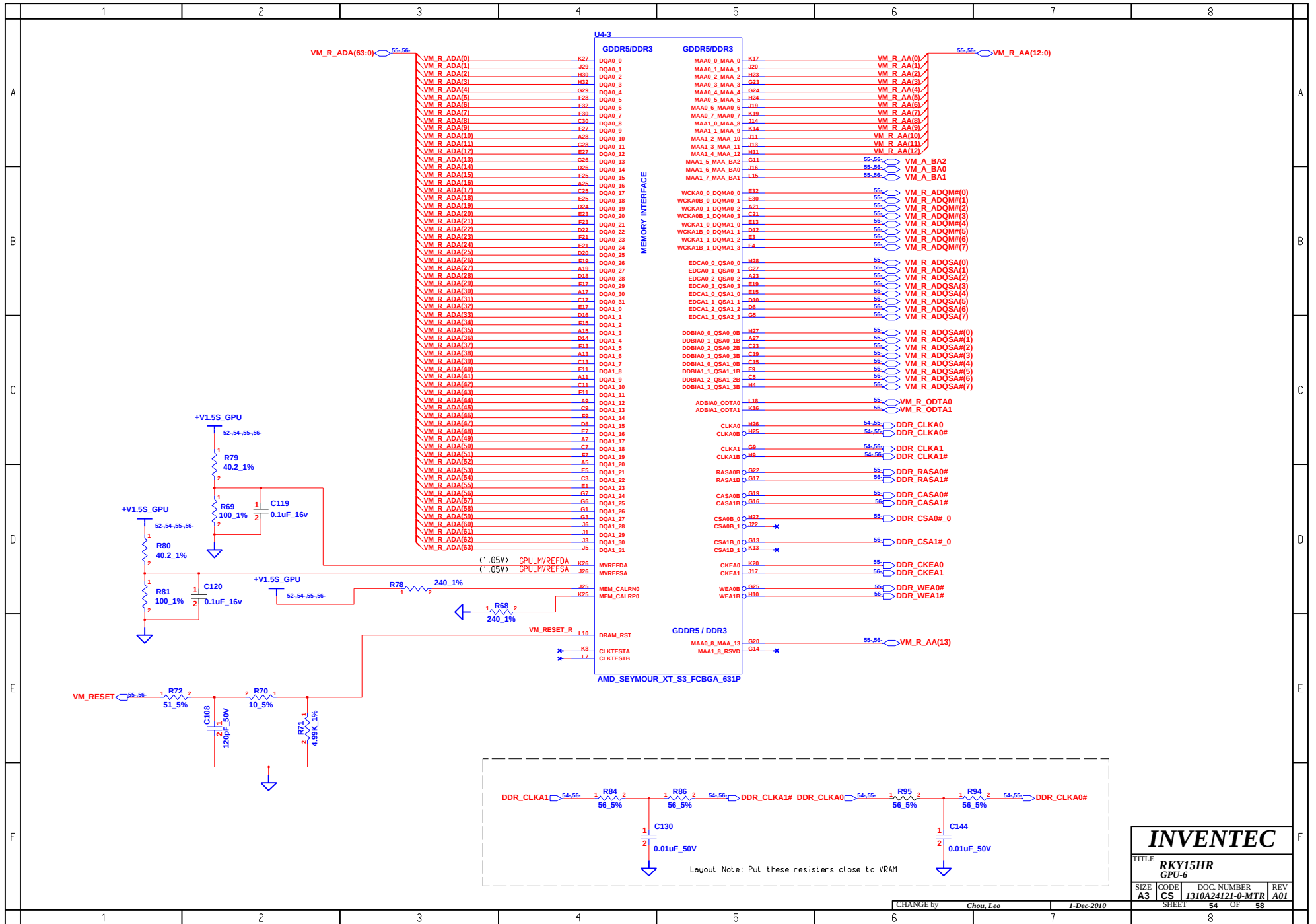
SHEET 51 OF 58





TITLE			
RKY15HR GPU-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24121-0-MTR	A01
SHEET		53 OF	58

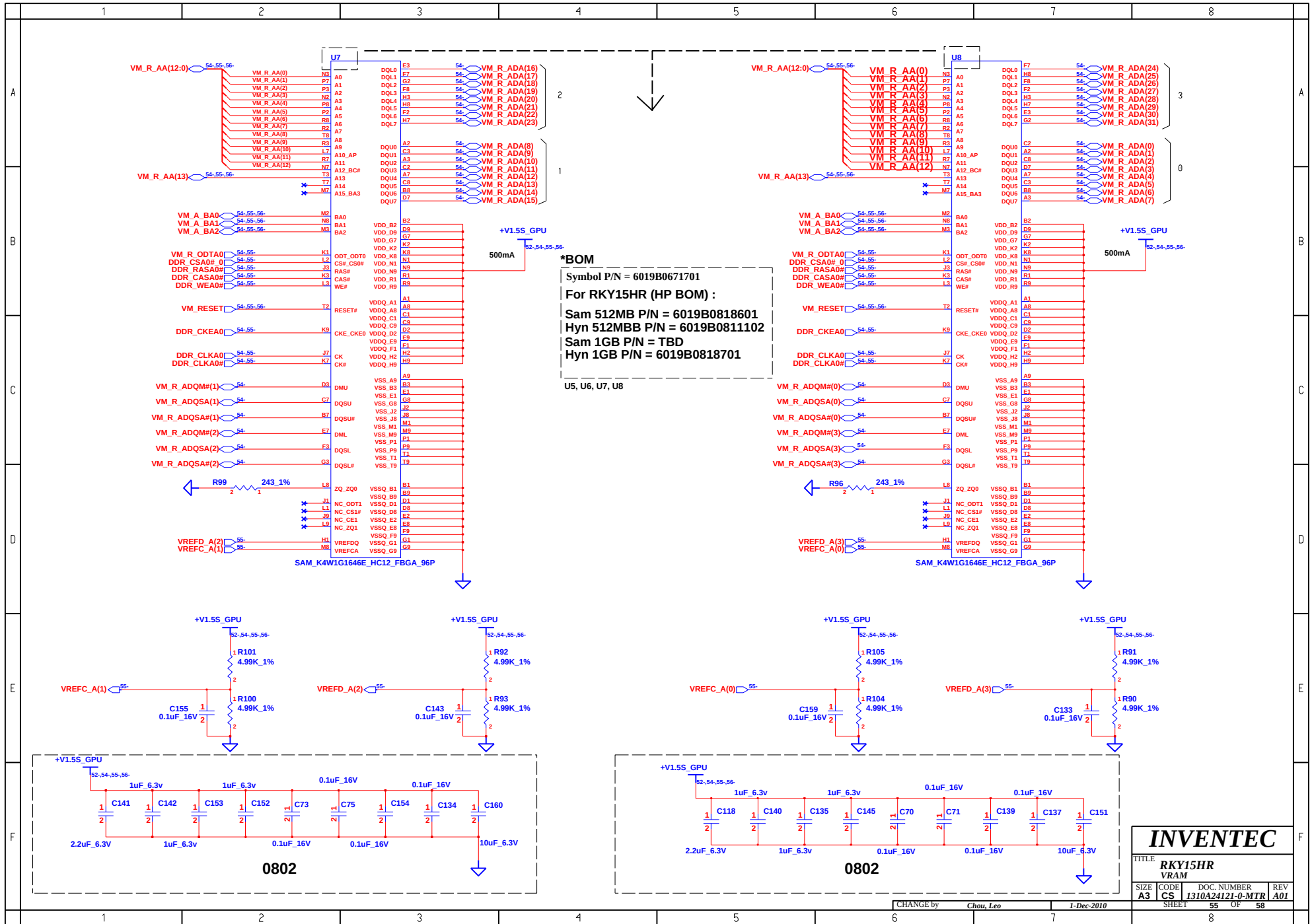
CHANGE by	<i>Chou, Leo</i>	<i>1-Dec-2010</i>
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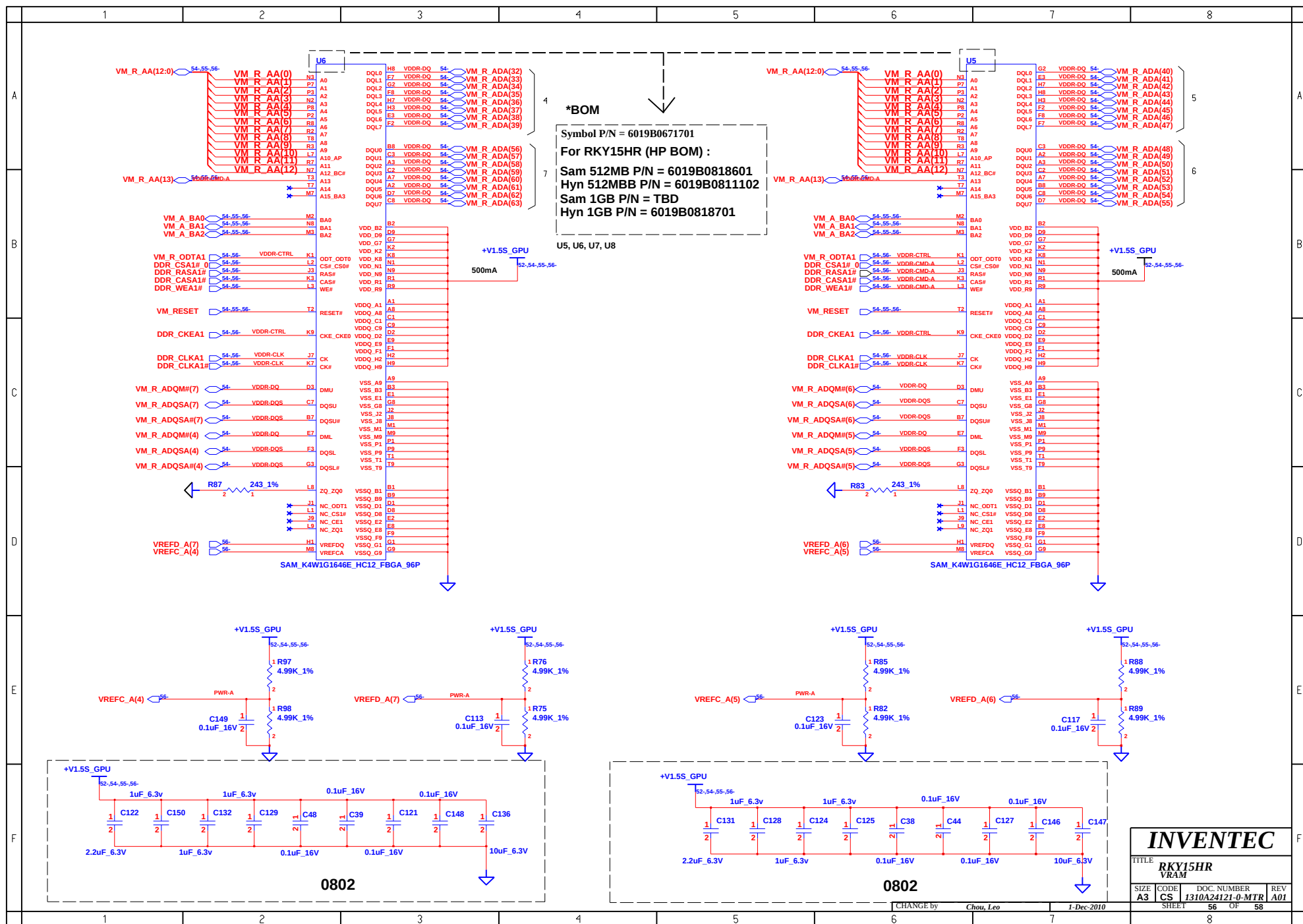


INVENTEC

TITLE
RKY15HR
GPU-6

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24121-0-MTR	A01
SHEET		54	OF 58





	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F
						CHANGE by Chou, Leo		1-Dec-2010	
1	2	3	4	5	6	7	8		

INVENTEC			
TITLE RKY15HR			
SIZE A3	CODE CS	DOC. NUMBER 1310A24121-0-MTR	REV A01
SHEET 58		OF 58	