

Rotterdam 10AR

PreMP BUILD

2009.04.06

INVENTEC			
TITLE Rotterdam 10AR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A22508-0-MTRAXI	
SHEET		1	OF 66

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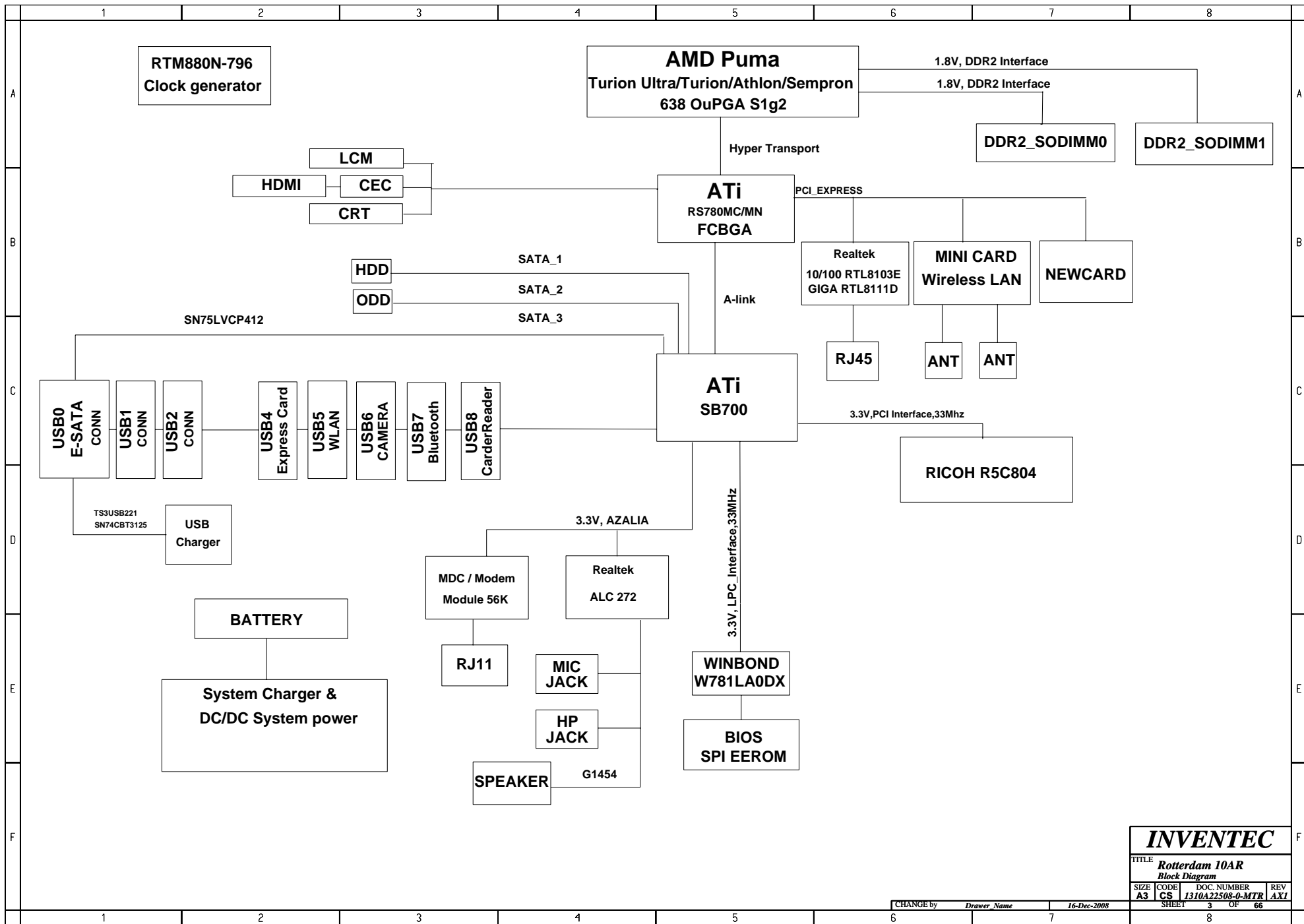
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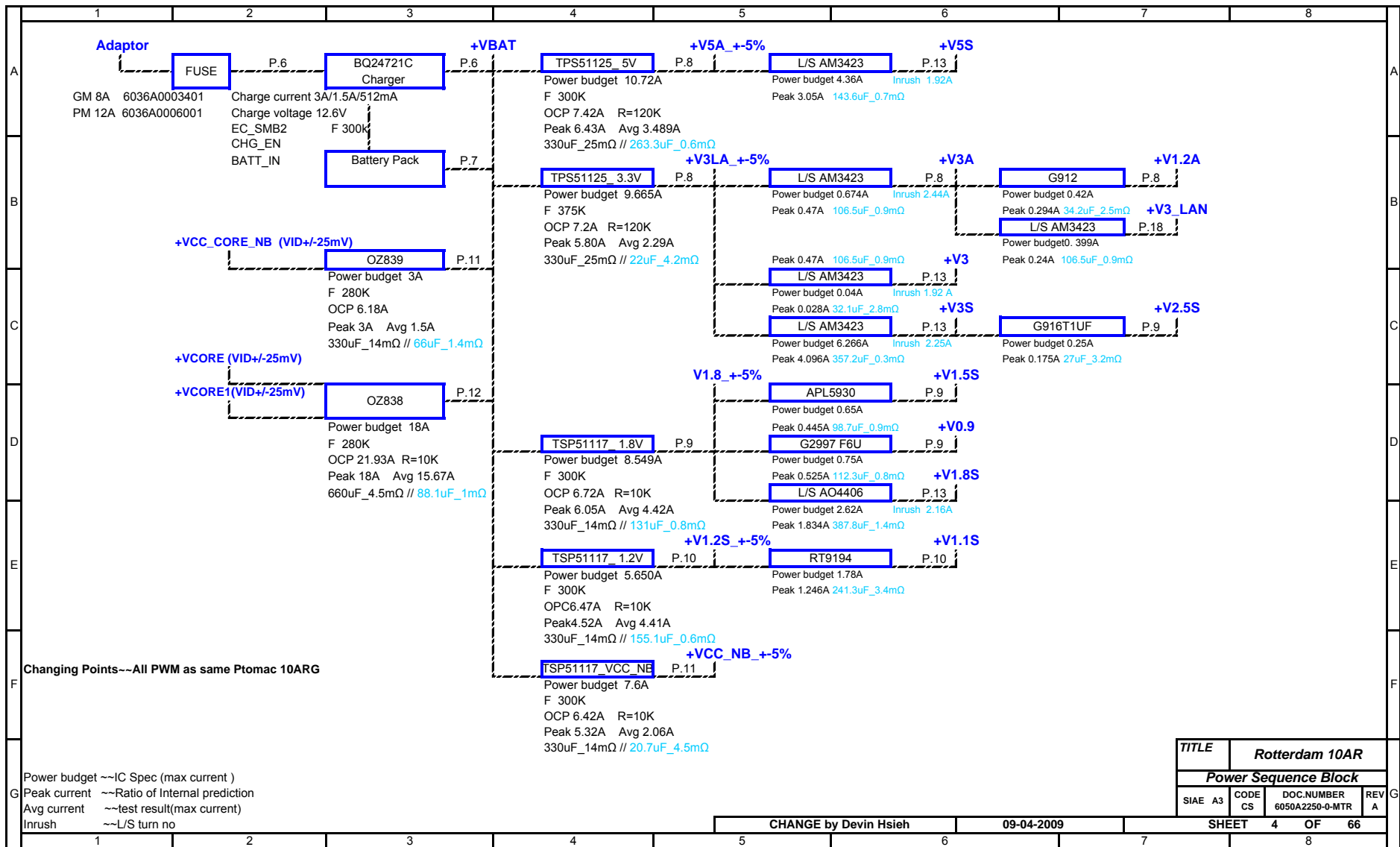
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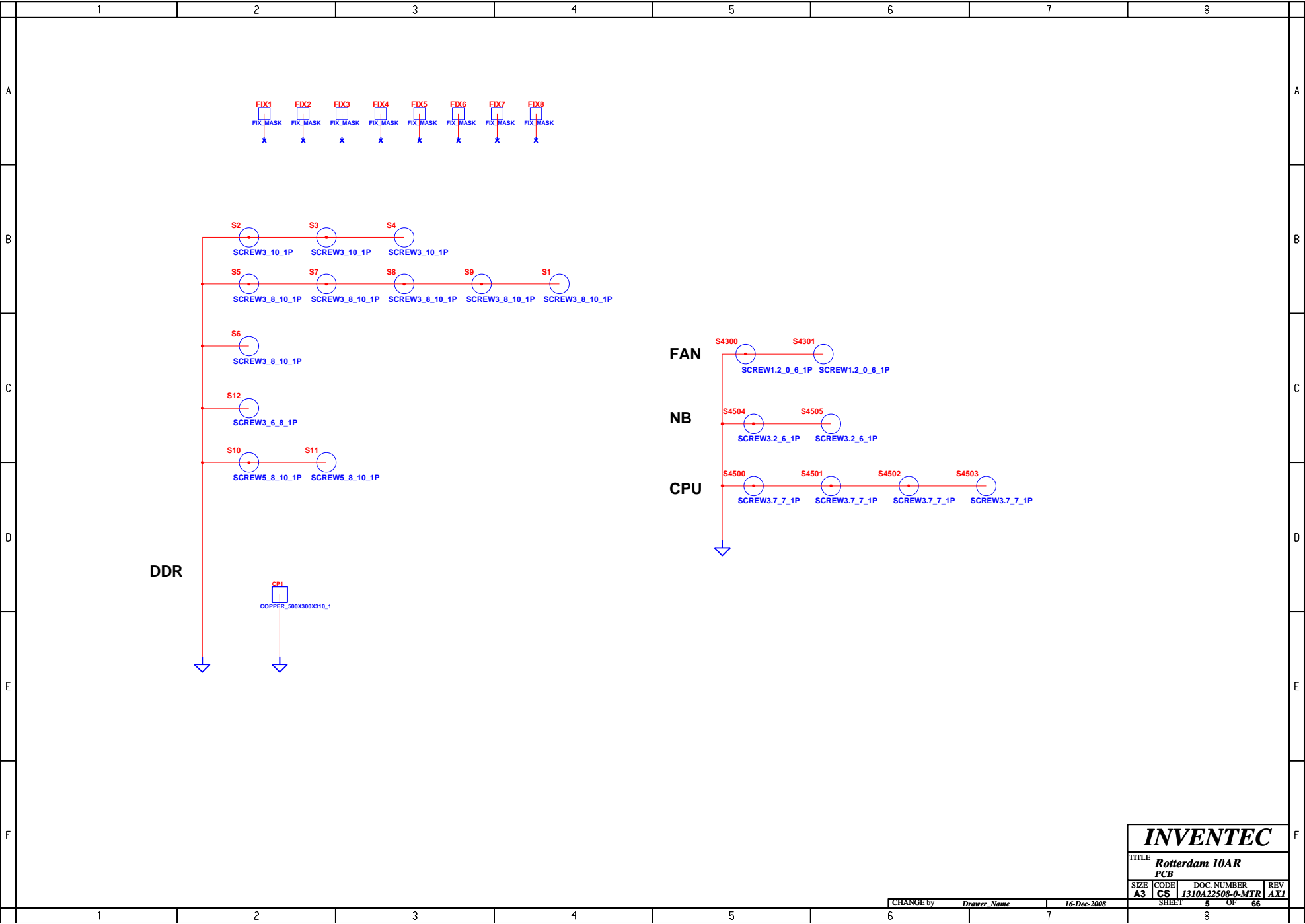
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CHANGE by *Drawer Name* 3-Apr-2009

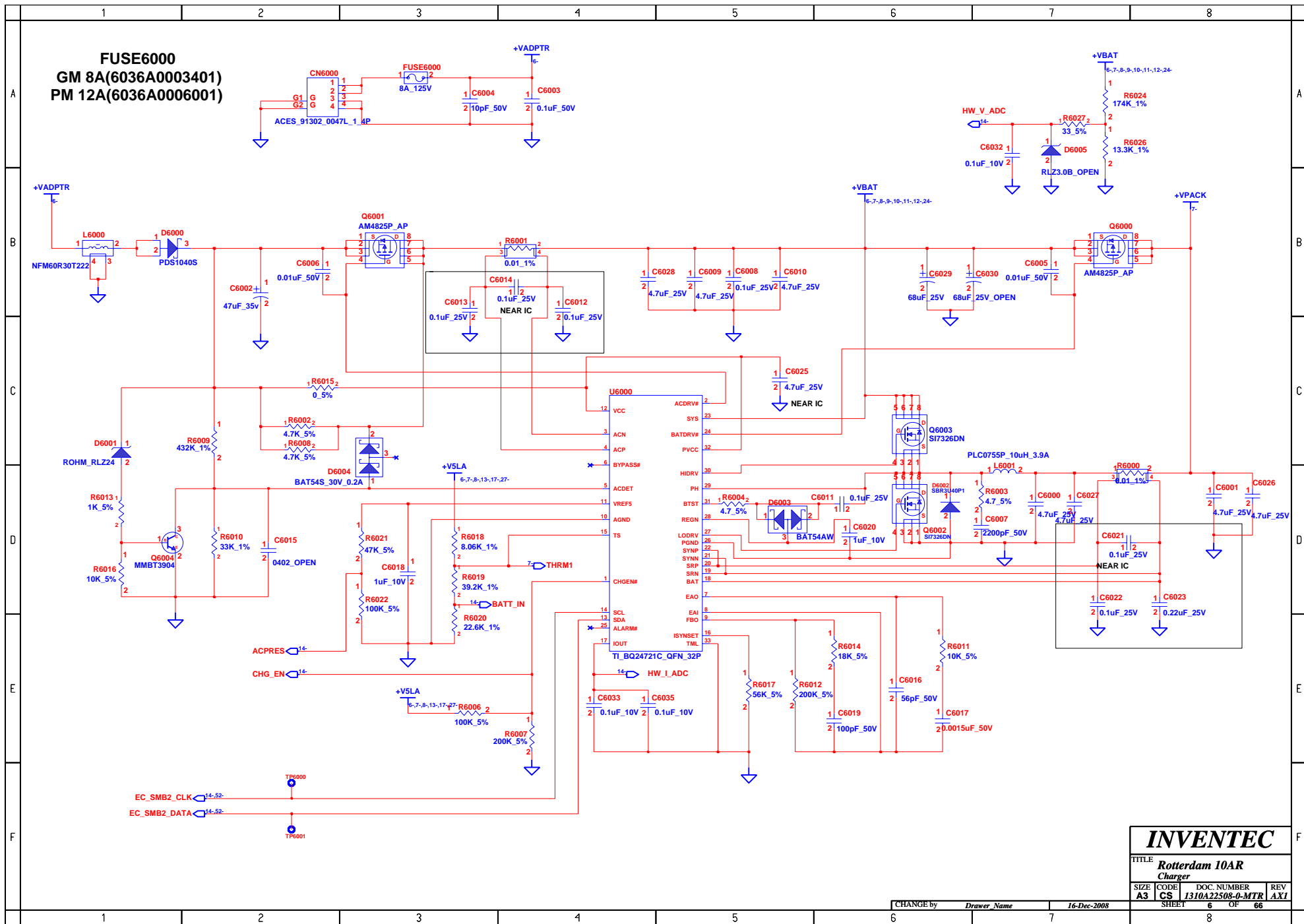


INVENTEC			
TITLE Rotterdam 10AR Block Diagram			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AXI
CHANGE by Drawer Name		16-Dec-2008	
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INVENTEC			
TITLE			
Rotterdam 10AR			
PCB			
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CHANGE by		16-Dec-2008	
DRAWER Name			
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INVENTEC

TITLE: Rotterdam 10AR
Charger

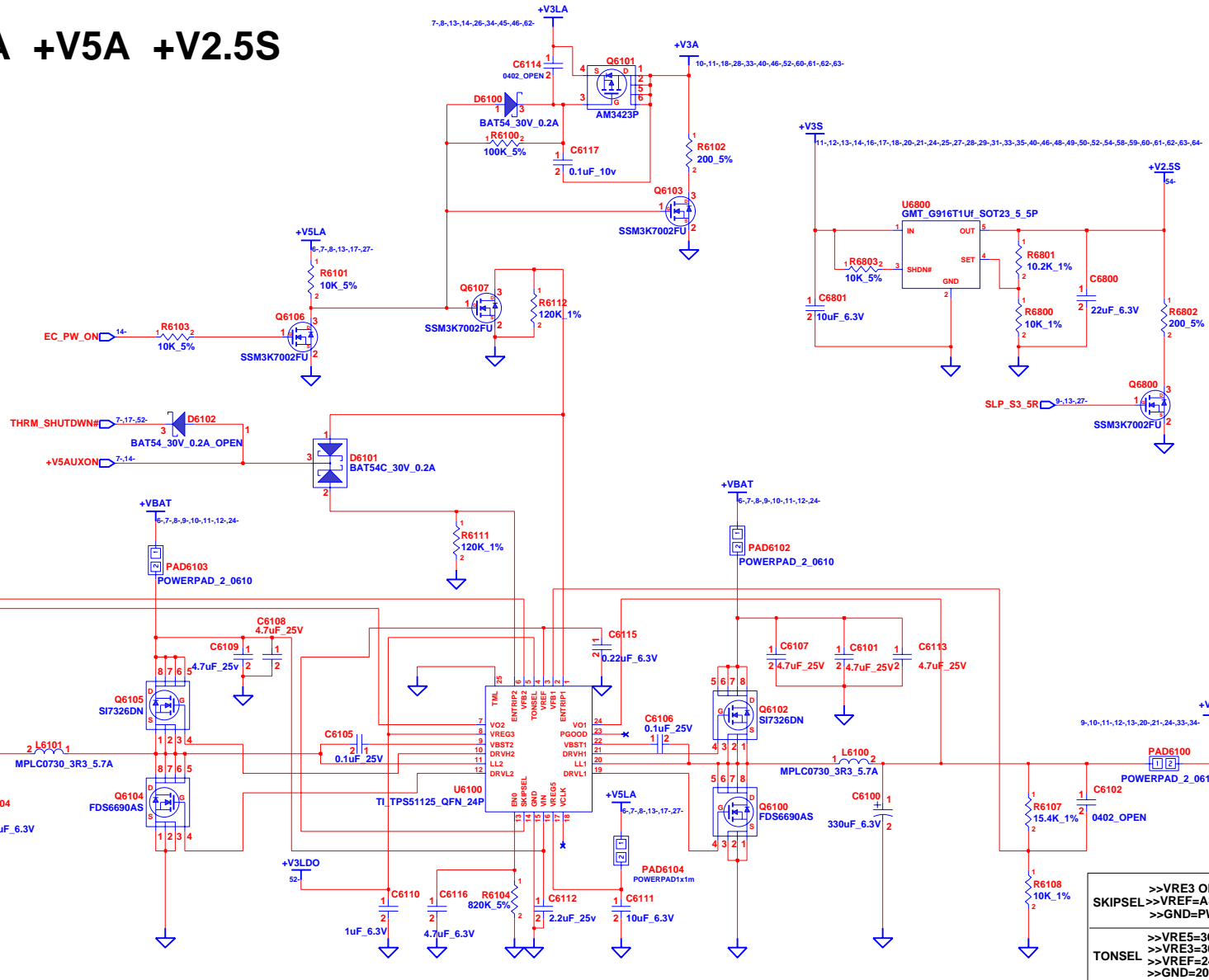
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AX1

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CHANGE by: Drawer Name 16-Dec-2008



+V3LA +V3A +V5A +V2.5S



>>VRE3 OR VRE5=OOA
 SKIPSEL>>VREF=ASKIP
 >>GND=PWM
 >>VRE5=365/460
 >>VRE3=300/375
 TONSEL >>VREF=245/305
 >>GND=200/250

INVENTEC

TITLE
Rotterdam 10AR

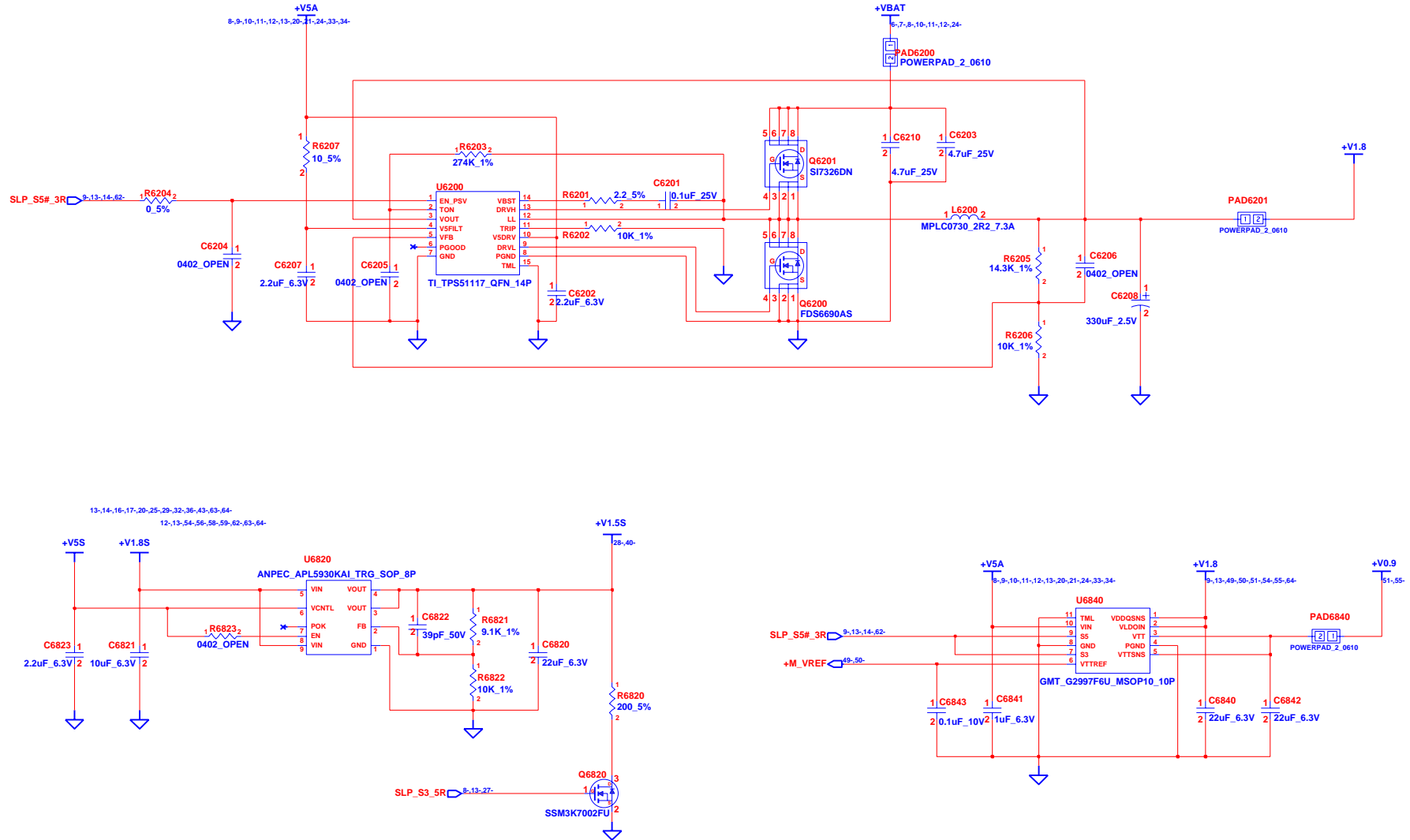
+V3LA, +V3A, +V5A, +V2.5S

SIZE CODE DOC NUMBER REV
A3 CS 1310A22508-0-MTR AXI

CHANGE by *Drawer Name* 16-Dec-2008

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+V1.8 +V0.9 +V1.5S

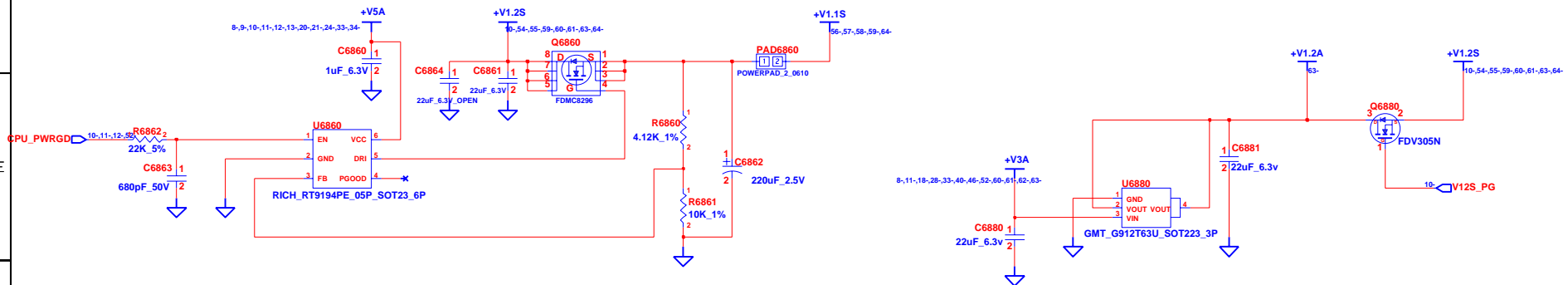
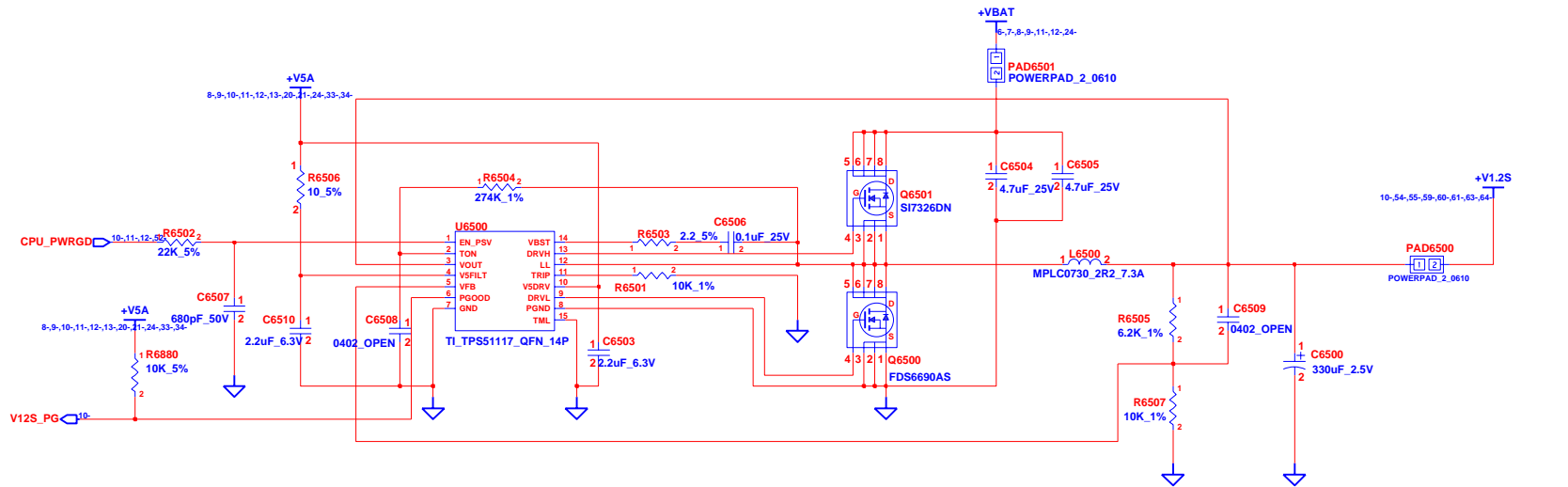


INVENTEC

TITLE			
Rotterdam 10AR			
+V1.8, +V0.9, +V1.5S			
SIZE	CODE	DOC. NUMBER	REV
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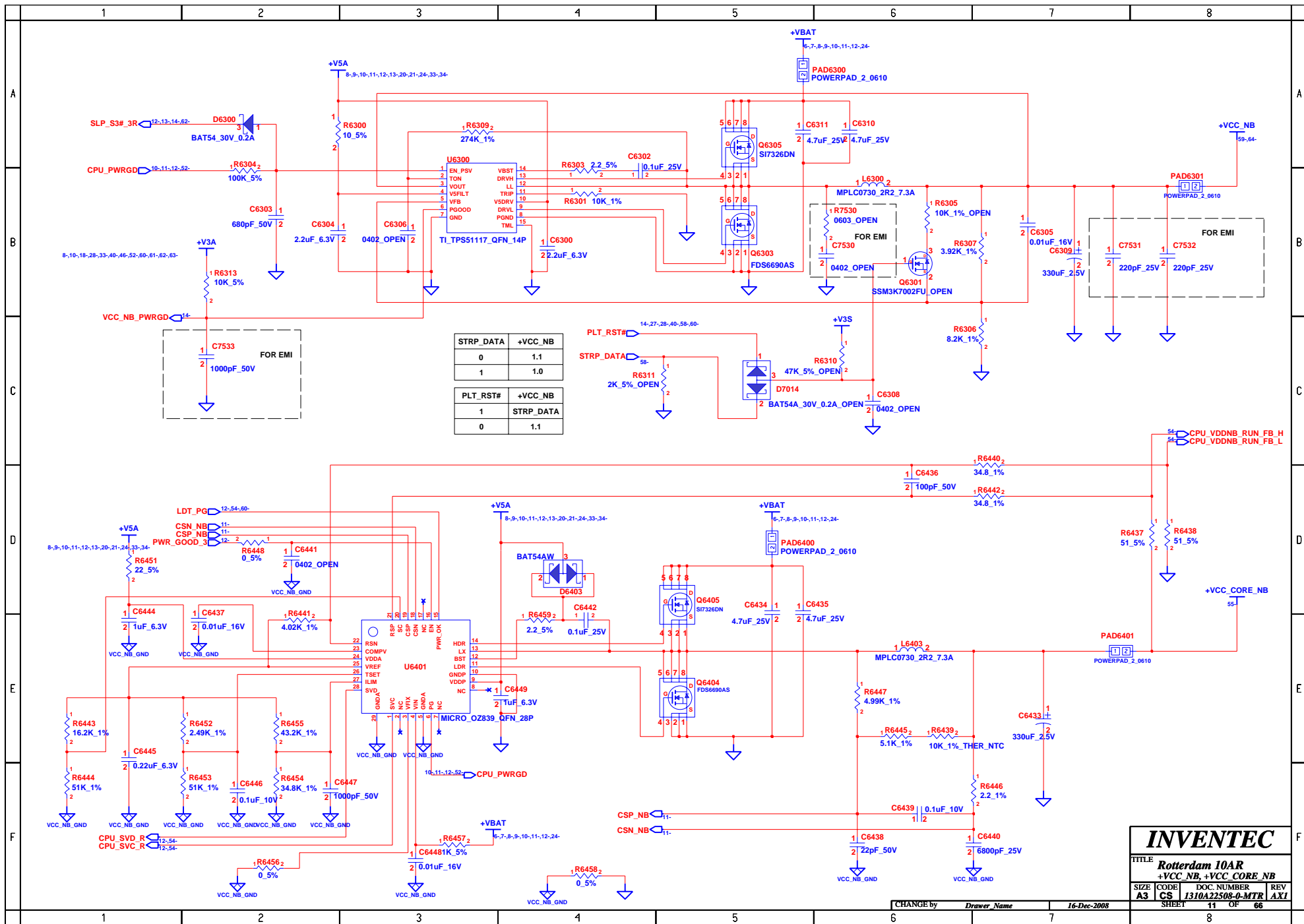
+V1.2A +V1.2S +V1.1S



INVENTEC

TITLE			
Rotterdam 10AR			
+V1.2A, +V1.1S			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by *Drawer Name* 16-Dec-2008



INVENTEC

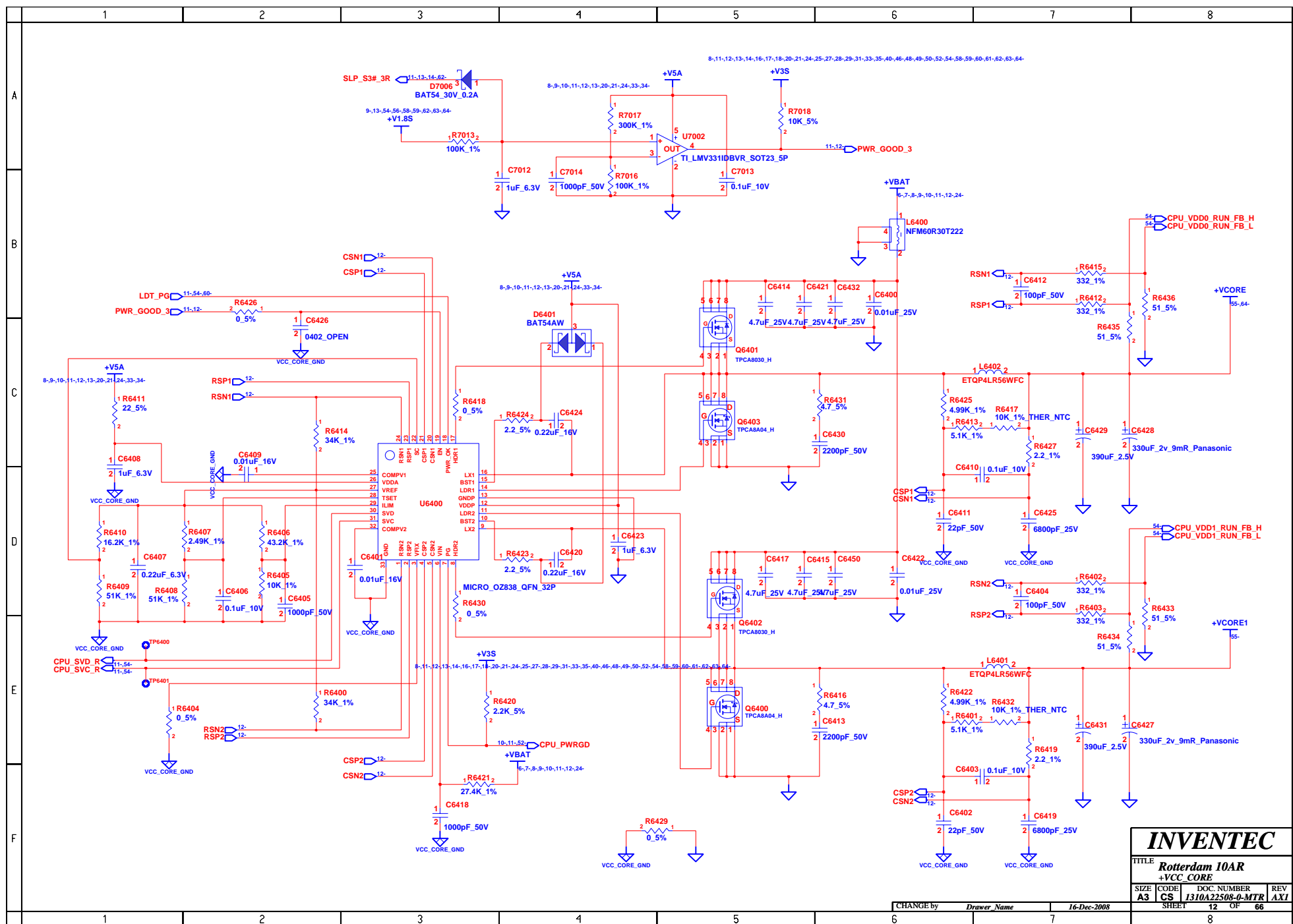
TITLE: **Rotterdam 10AR**

+VCC_NB, +VCC_CORE_NB

SIZE: A3 CODE: CS DOC. NUMBER: 1310A22508-0-MTR REV: AXI

CHANGE by: Drawer Name 16-Dec-2008

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+V3 +V5S +V3S +V1.8S

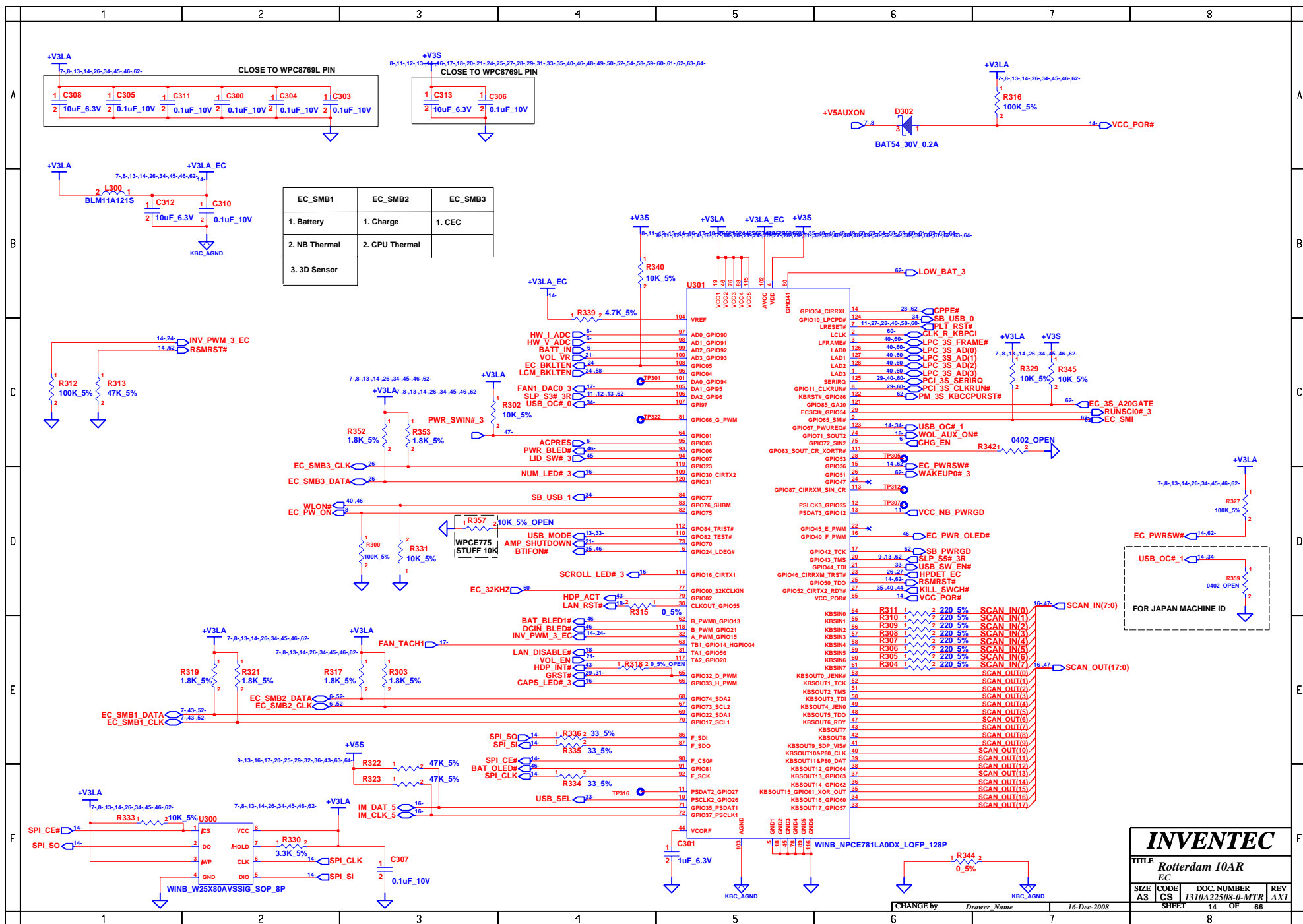
For USB switch

INVENTEC
 TITLE: Rotterdam 10AR
 +V3 +V5S +V3S +V1.8S +V1.2S
 SIZE: A3 CODE: CS DOC. NUMBER: 1310A22508-0-MTR REV: AX1
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TITLE			
Rotterdam 10AR			
+V3 +V5S +V3S +V1.8S +V1.2S			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by	<i>Drawer Name</i>	<i>16-Dec-2008</i>
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CS	1310AZ2508-0-M1R
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B									B
C									C
D									D
E									E
F									F
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INVENTEC

TITLE
Rotterdam 10AR
CIR

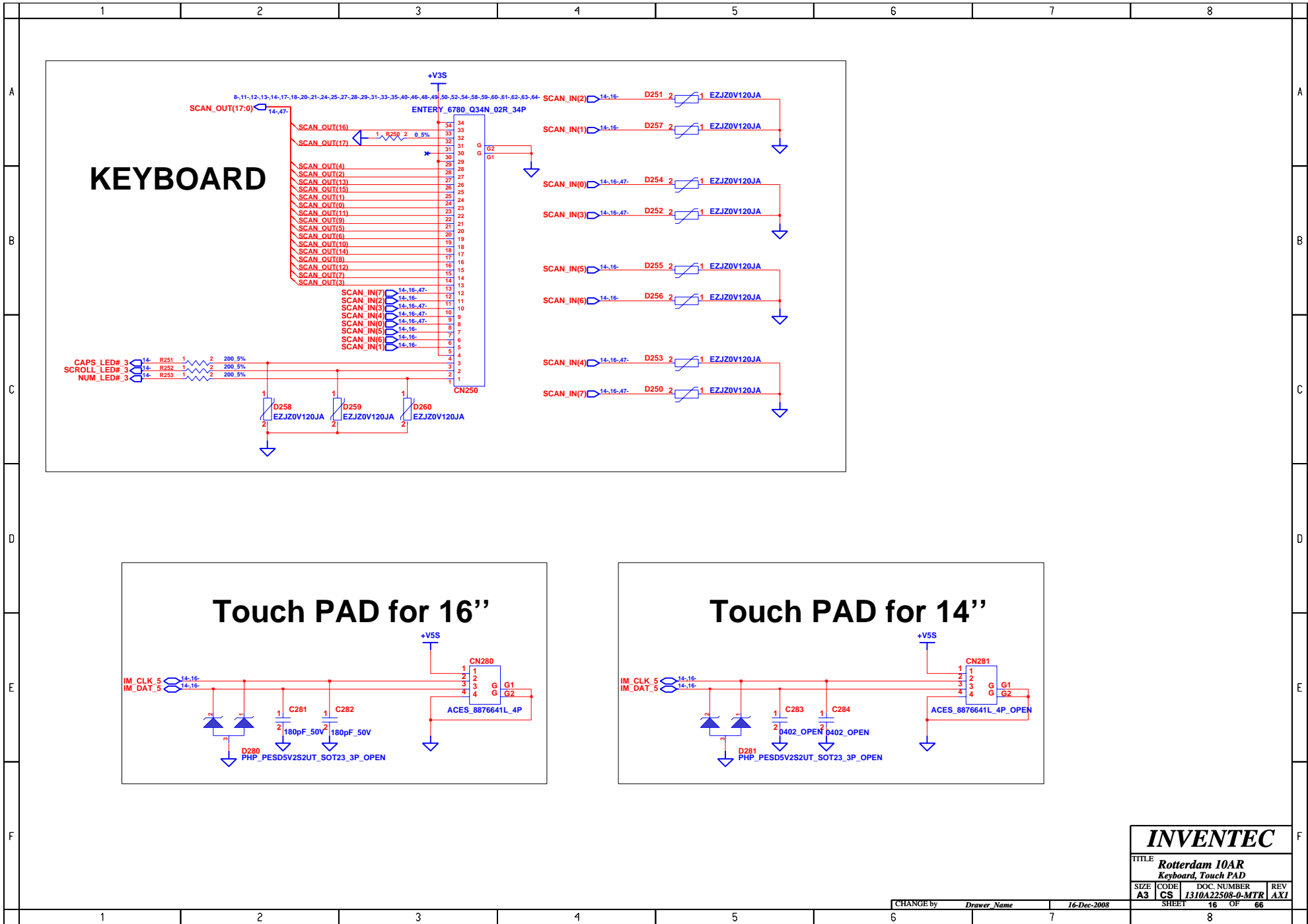
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A3

CODE
CS

DOC. NUMBER
1310A22508-0-MTR

REV
AXI

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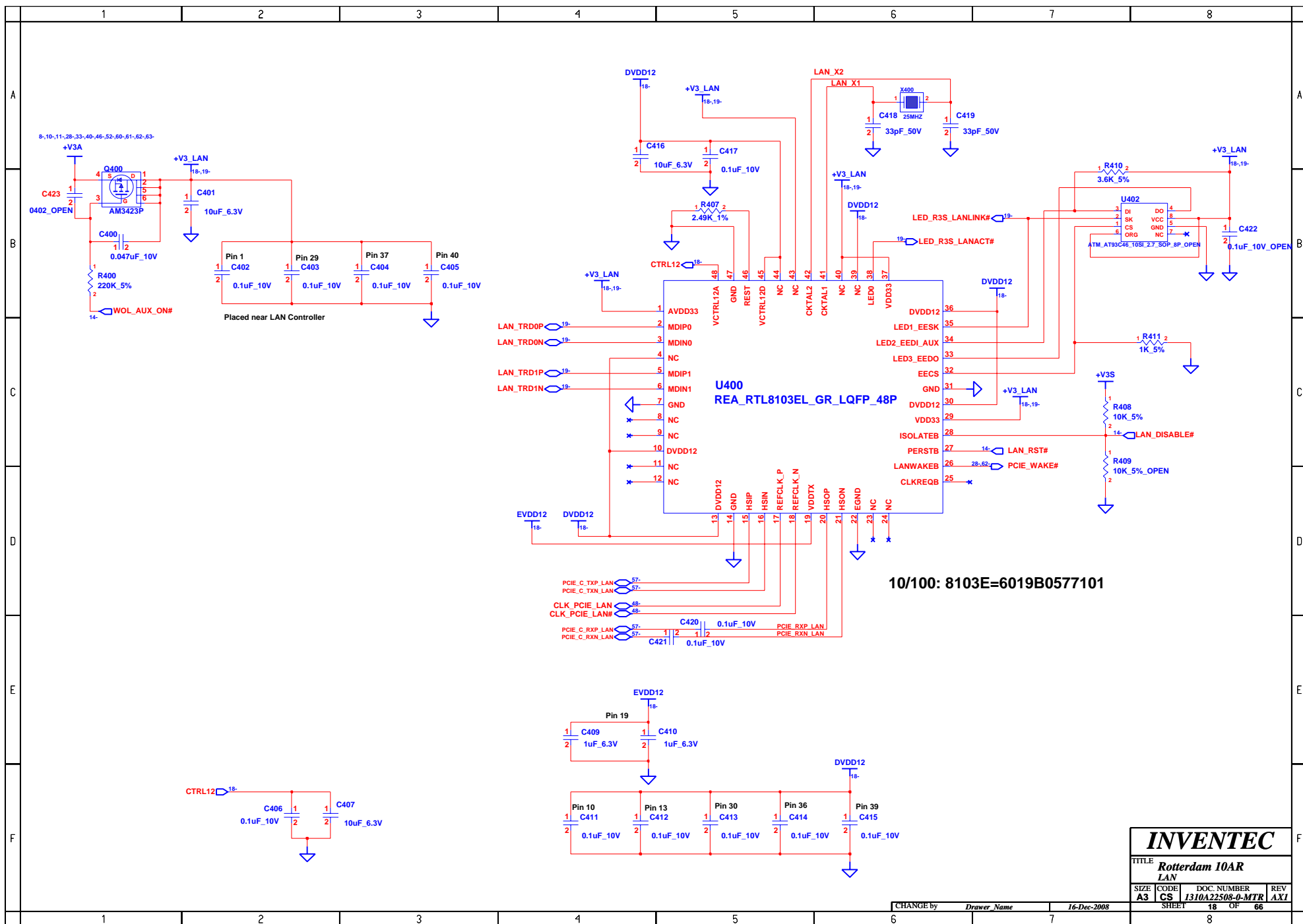
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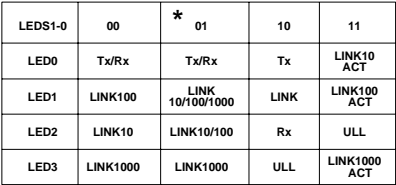
TITLE
Rotterdam 10AR
Keyboard, Touch PAD

SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AXI
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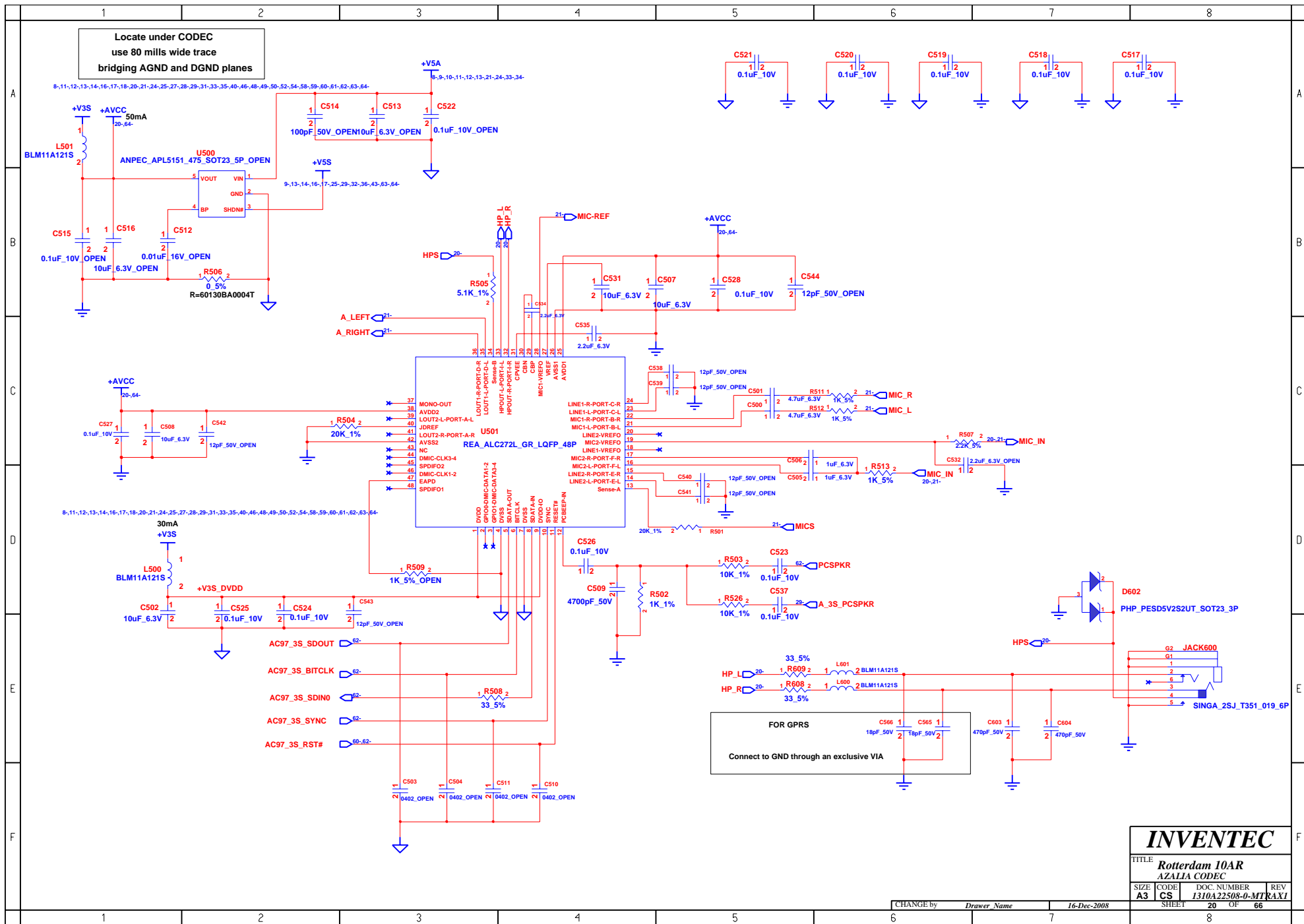






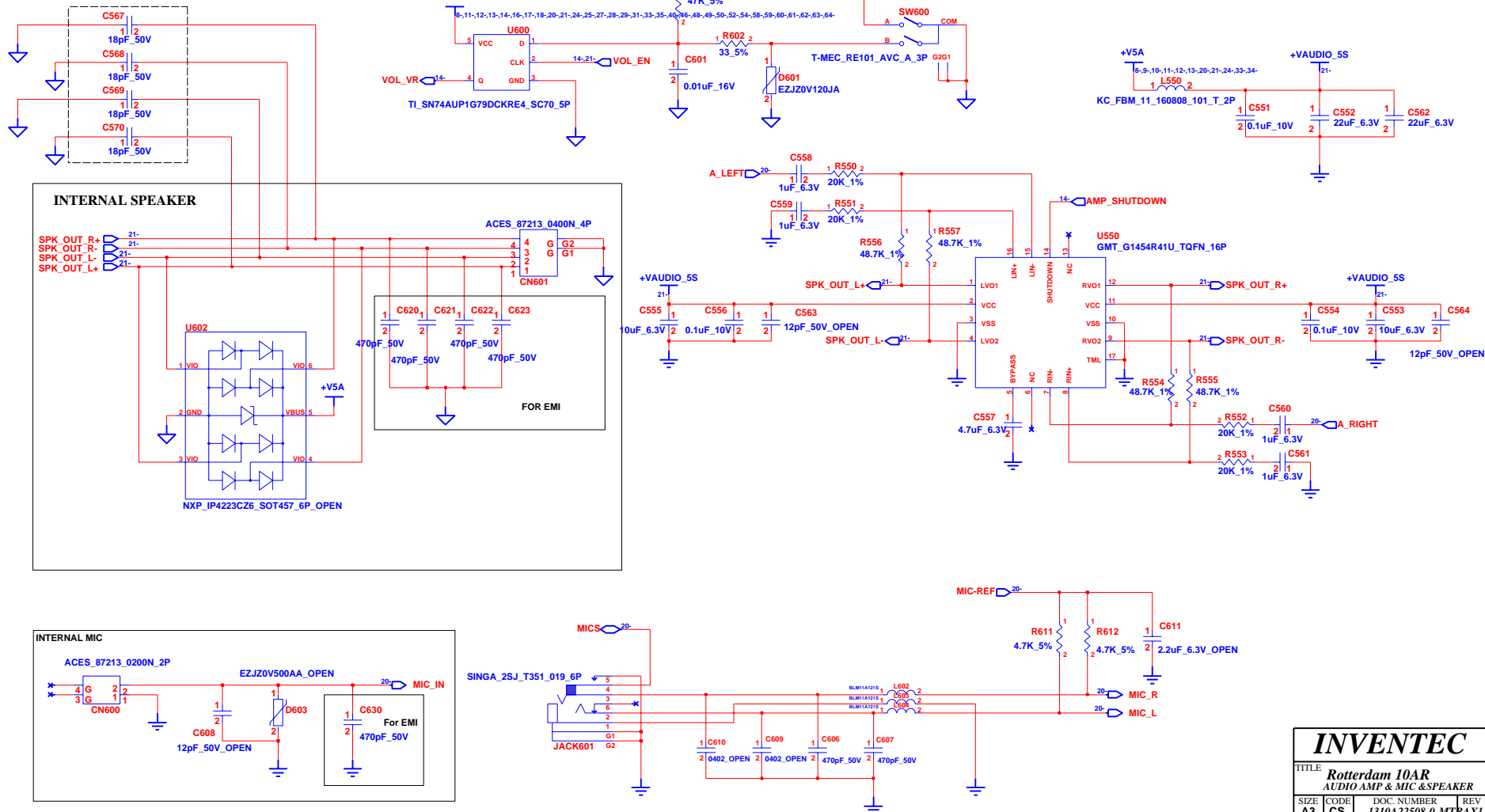
TITLE	<i>Rotterdam 10AR Transformer, RJ45</i>
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SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV. A
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FOR GPRS

Connect to GND through an exclusive VIA



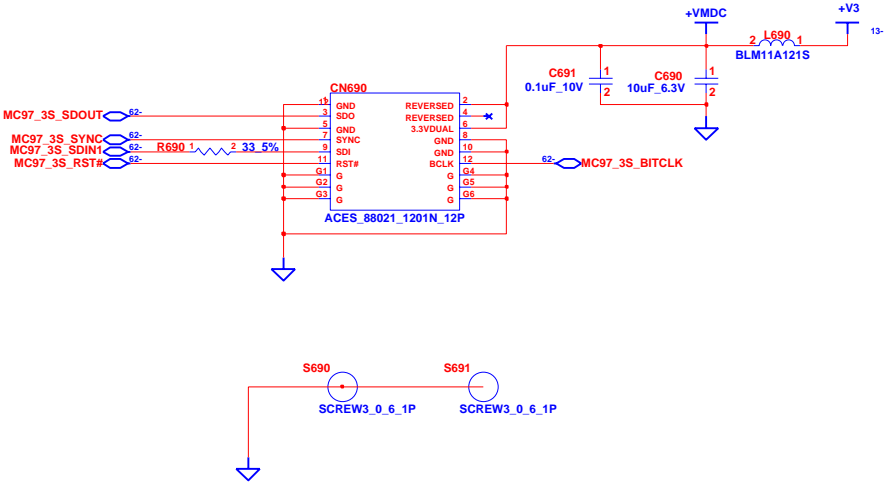
INVENTEC

TITLE
Rotterdam 10AR
AUDIO AMP & MIC & SPEAKER

SIZE A3	CODE CS	DOC. NUMBER I310A22508-0-MT RAXI	REV 1
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CHANGE by *Drawer Name* 16-Dec-2008

MDC



INVENTEC

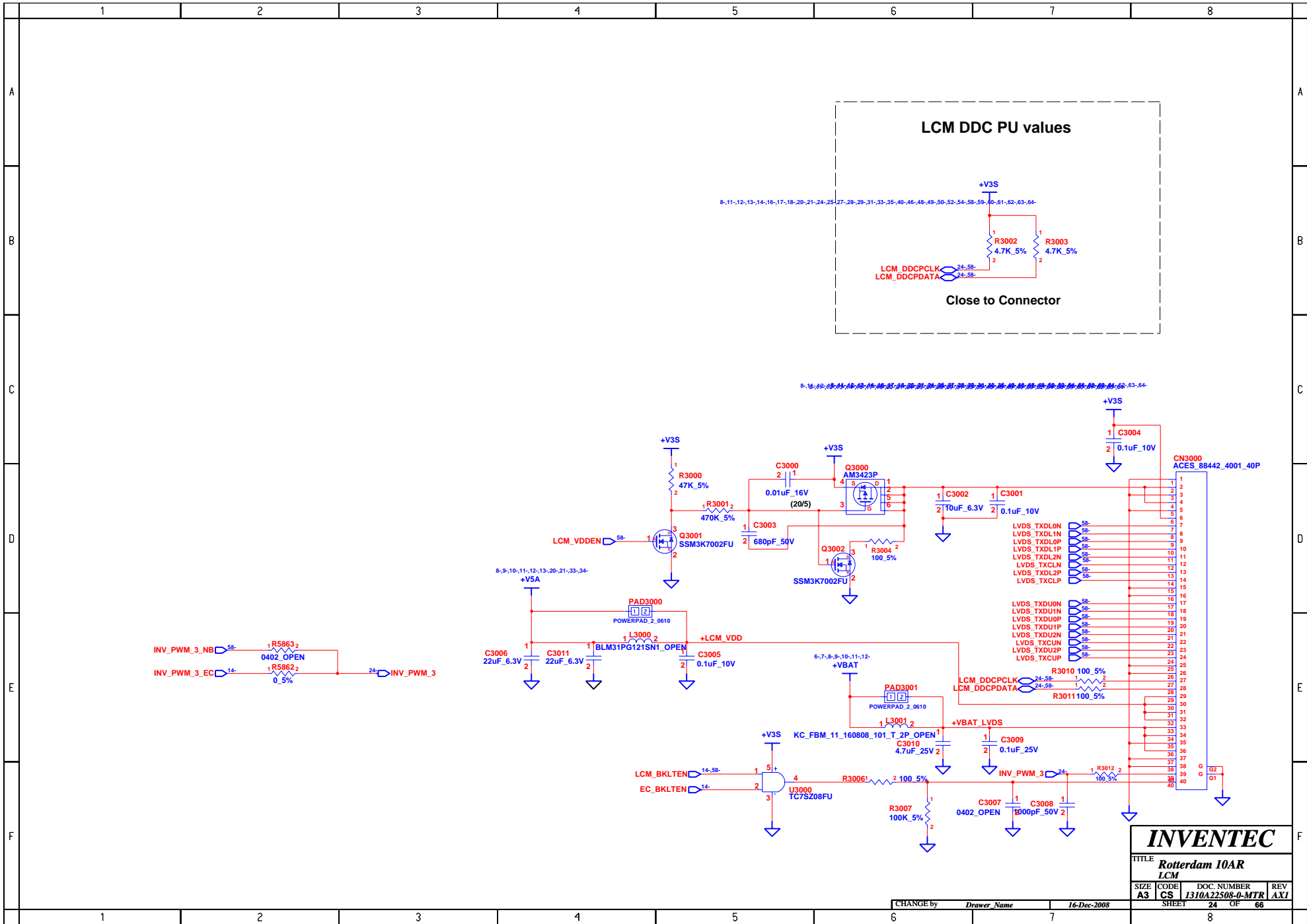
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Rotterdam 10AR
MDC

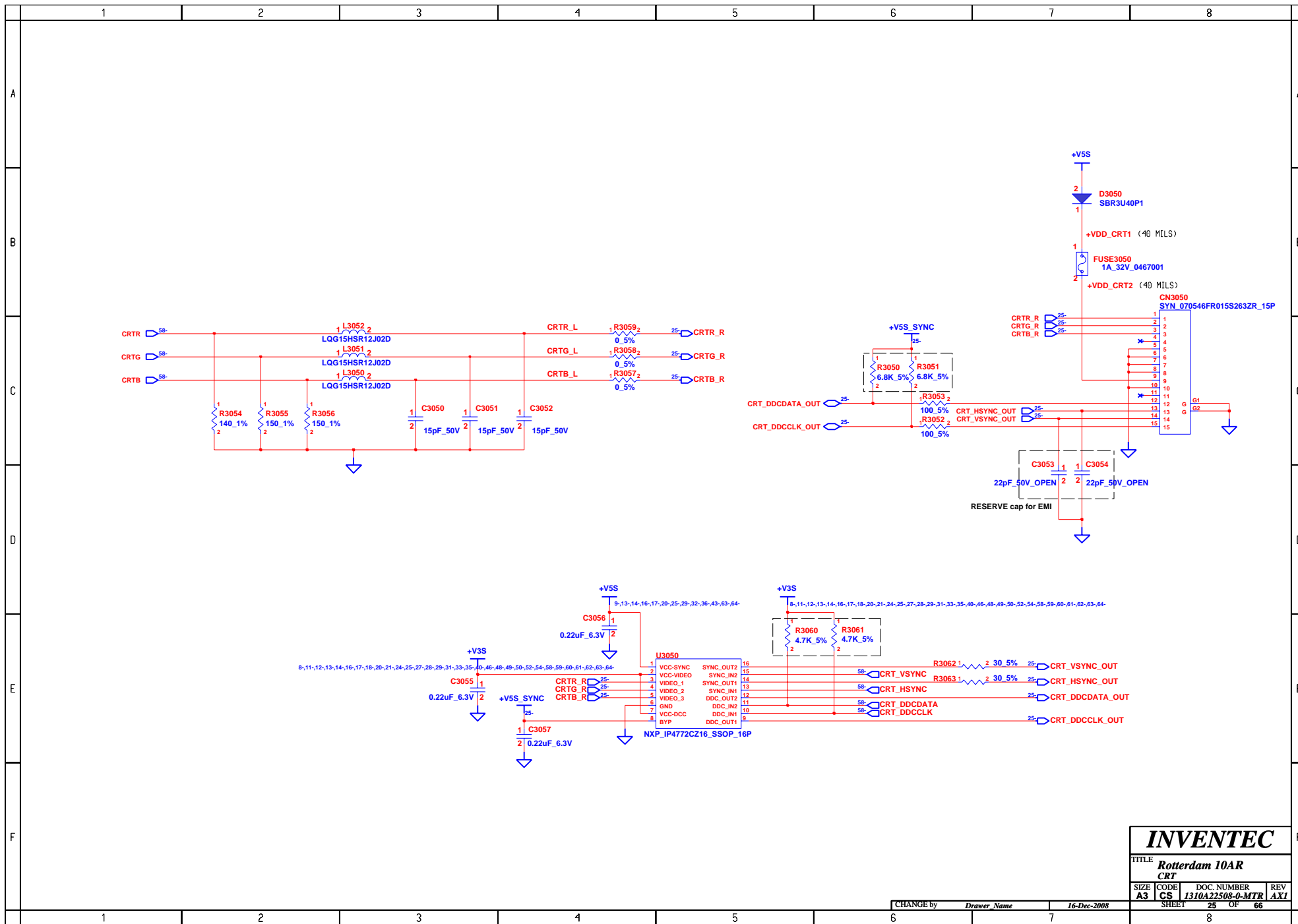
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CHANGE by *Drawer Name* 16-Dec-2008

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B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE Rotterdam 10AR DISPLAY PORT			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AXI
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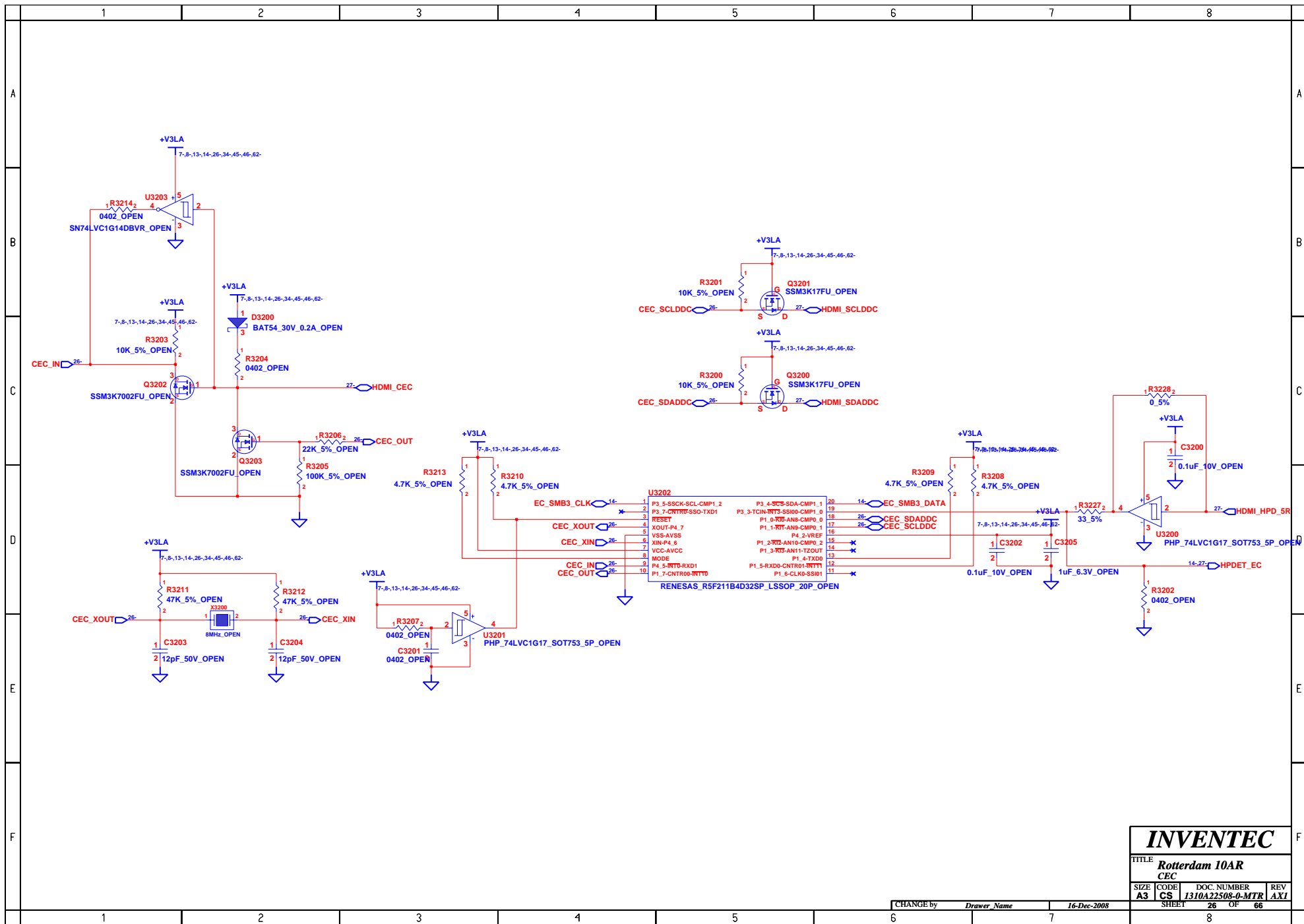




INVENTEC

TITLE Rotterdam 10AR CRT			
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CHANGE by *Drawer Name* 16-Dec-2008

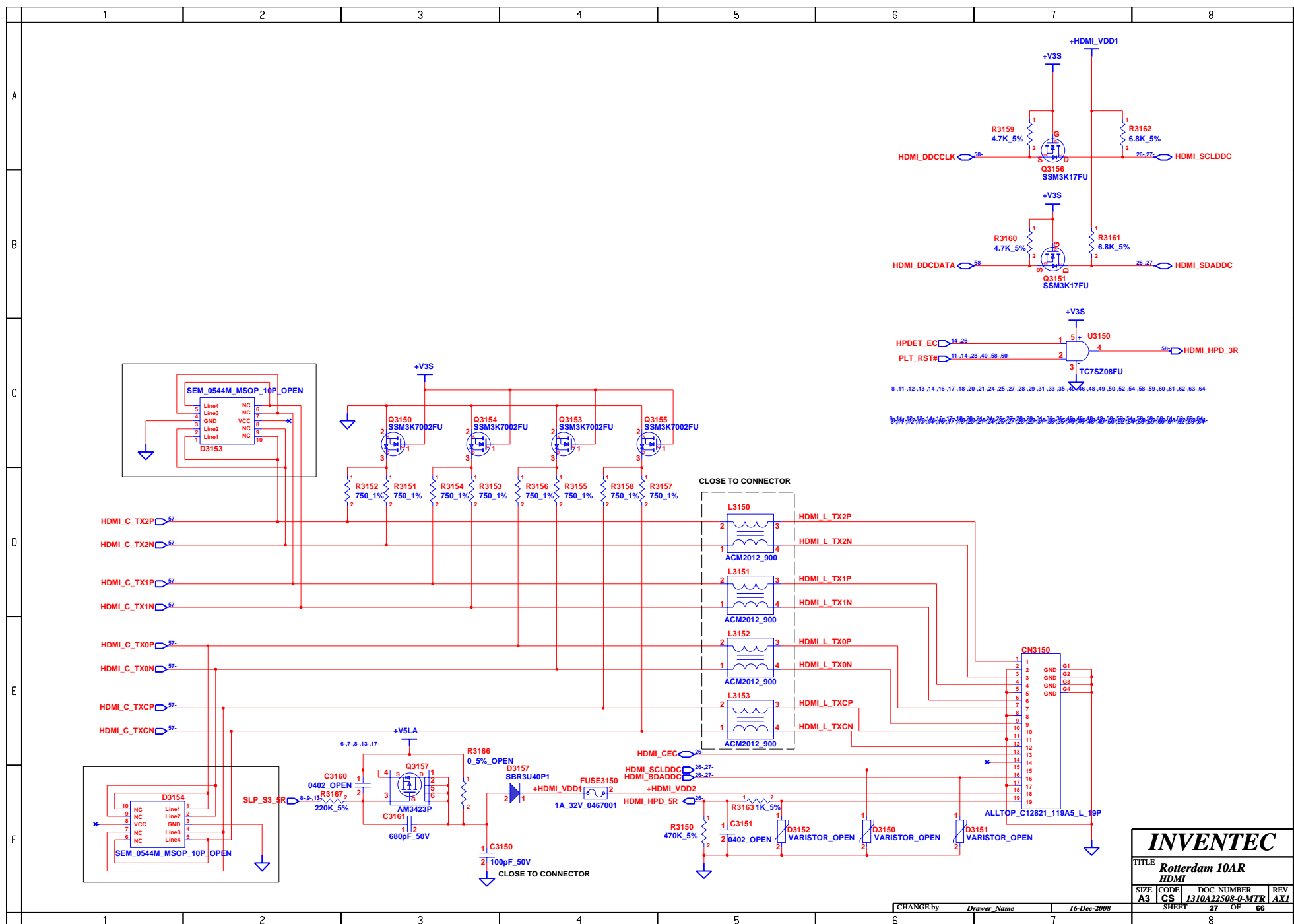


INVENTEC

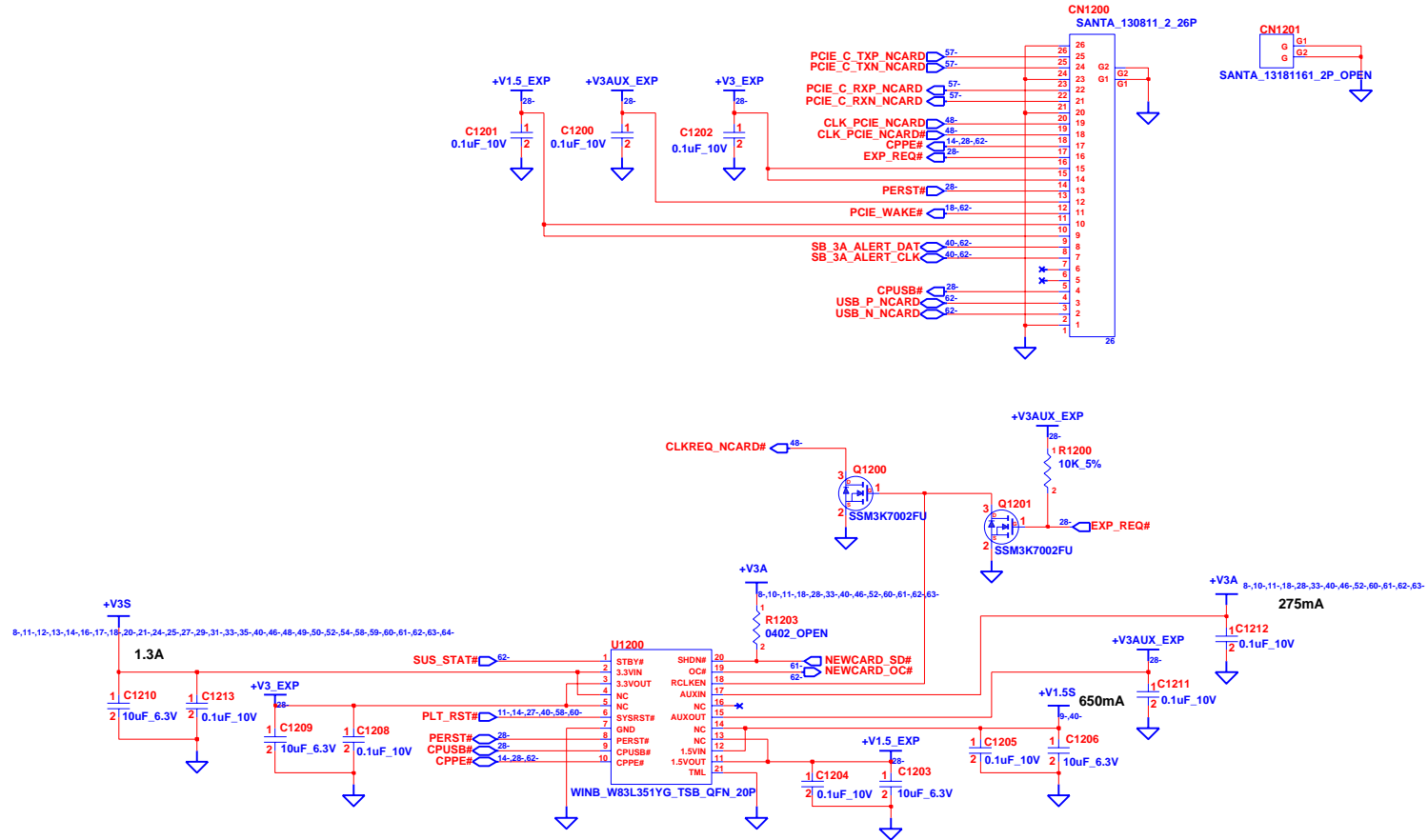
TITLE
Rotterdam 10AR
CEC

SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AXI
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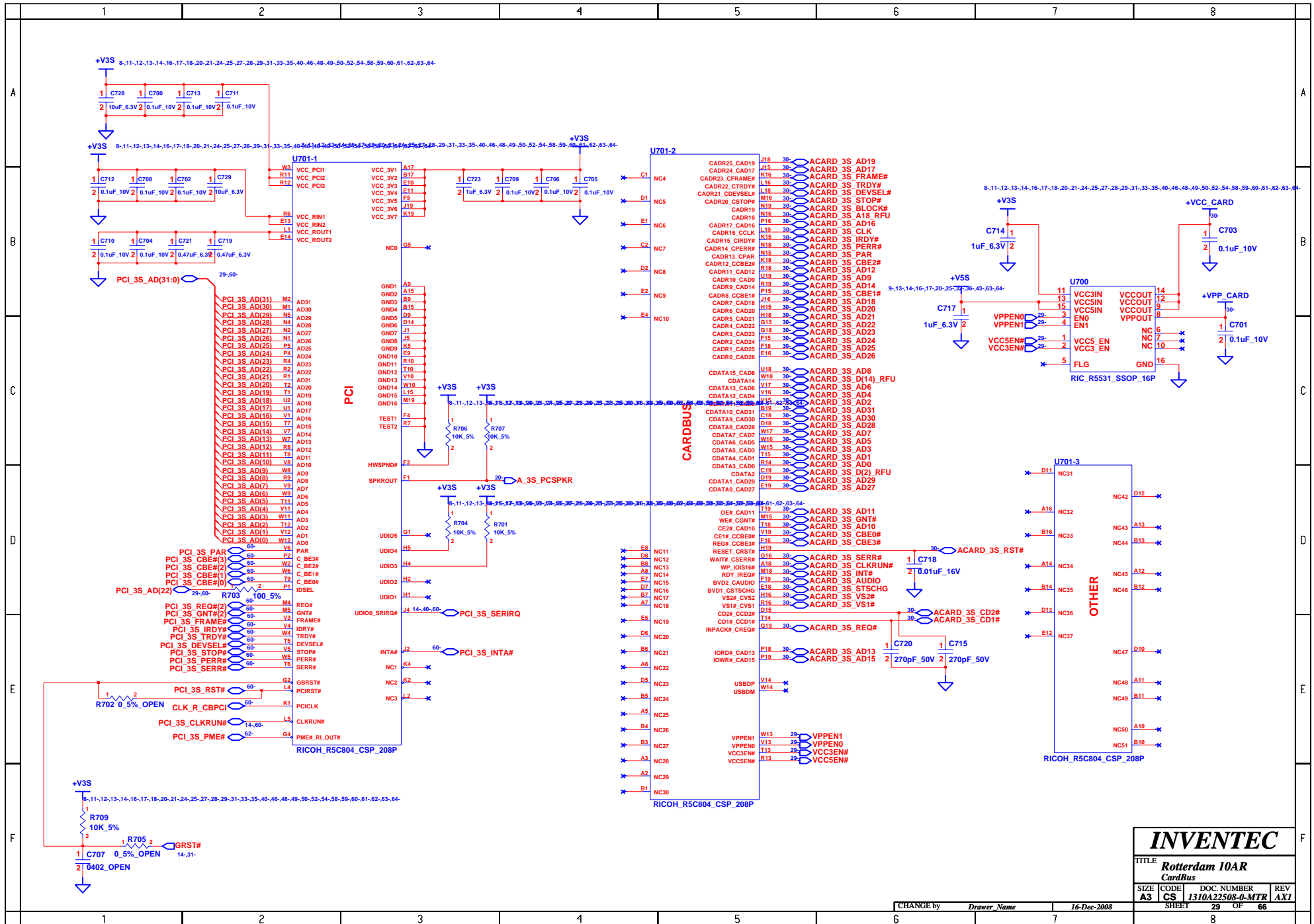
NEW CARD



INVENTEC

TITLE			
Rotterdam 10AR			
Express Card			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
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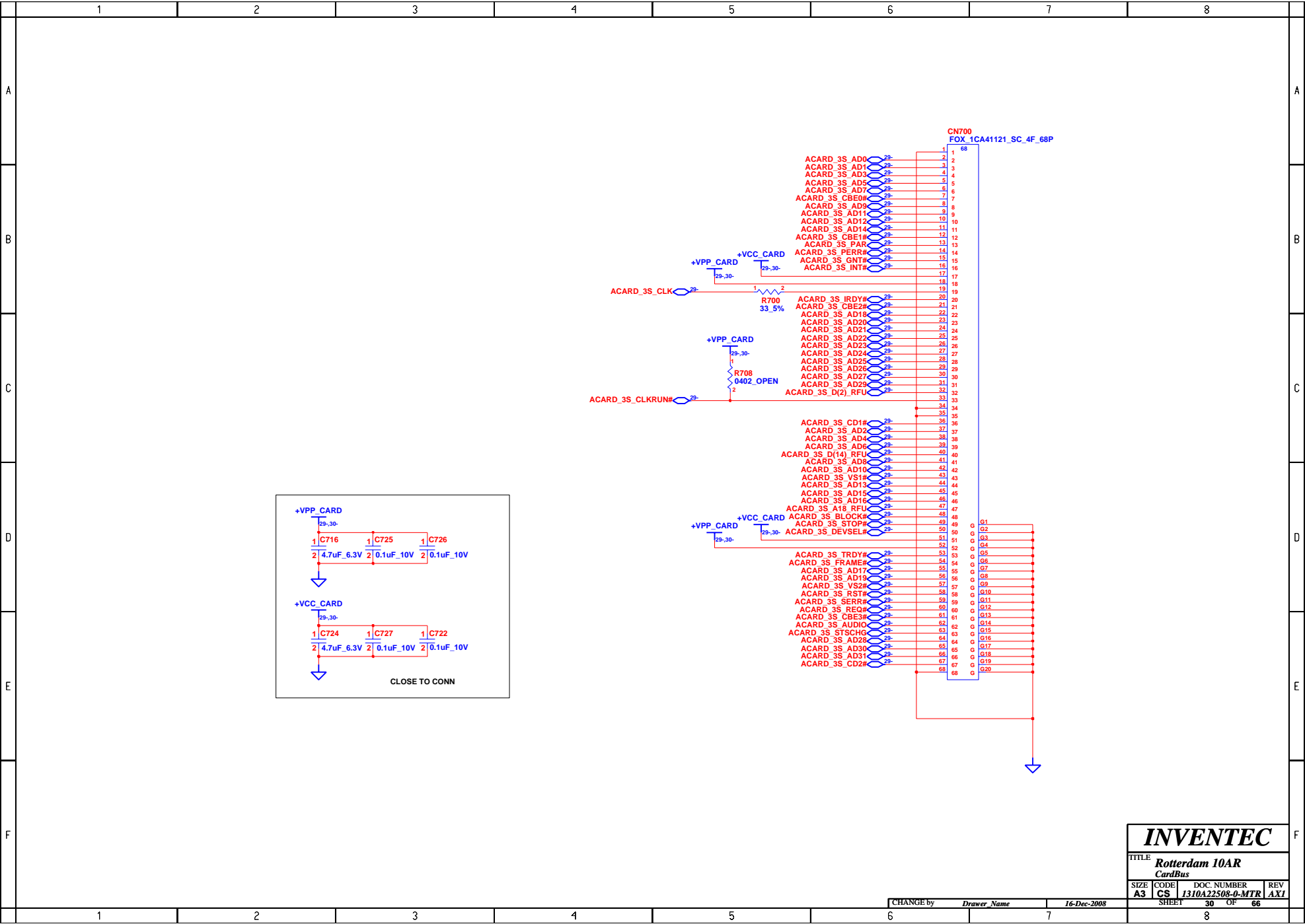
CHANGE by *Drawer Name* 16-Dec-2008



INVENTEC

TITLE			
Rotterdam 10AR			
CardBus			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
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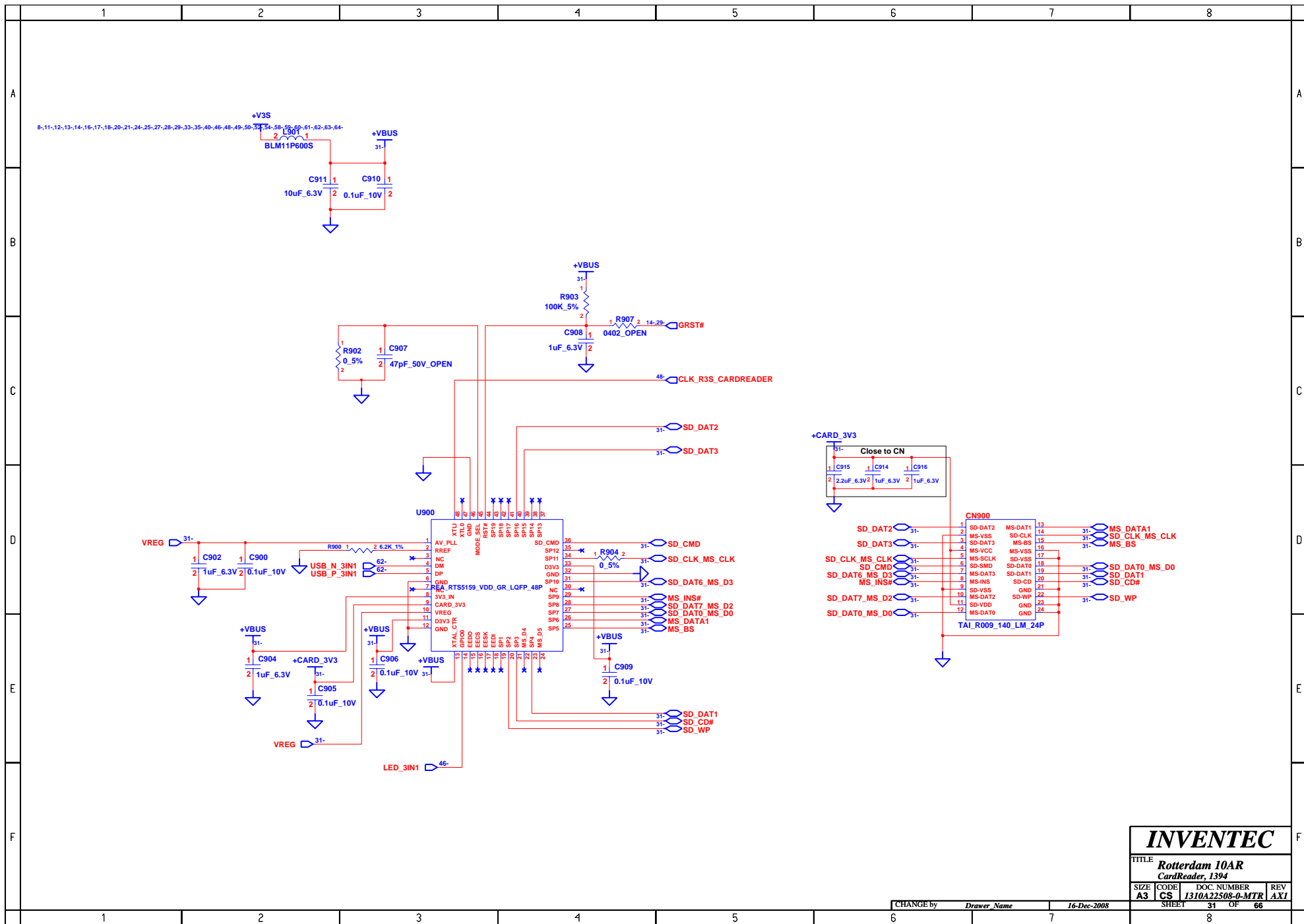
INVENTEC

TITLE
Rotterdam 10AR
CardBus

SIZE	CODE	DOC. NUMBER	REV
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CHANGE by *Drawer Name* 16-Dec-2008

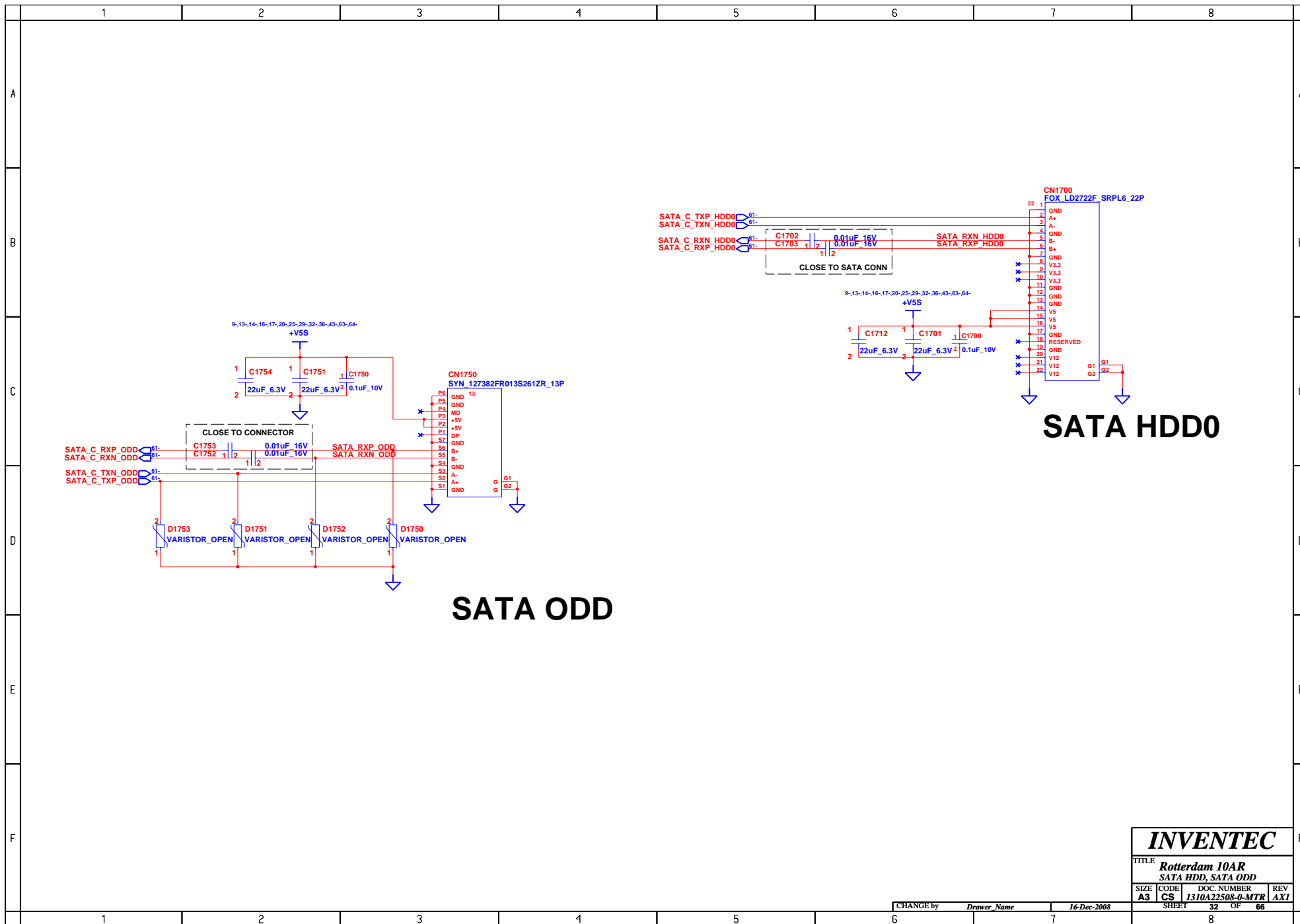
SHEET 30 OF 66



INVENTEC

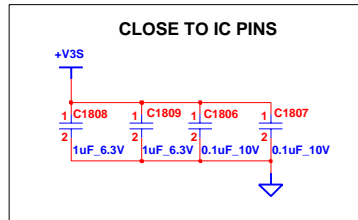
TITLE Rotterdam 10AR CardReader, I394			
SIZE A3	CODE CS	DOC. NUMBER I310A22508-0-MTR	REV AXI
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CHANGE by *Drawer Name* 16-Dec-2008

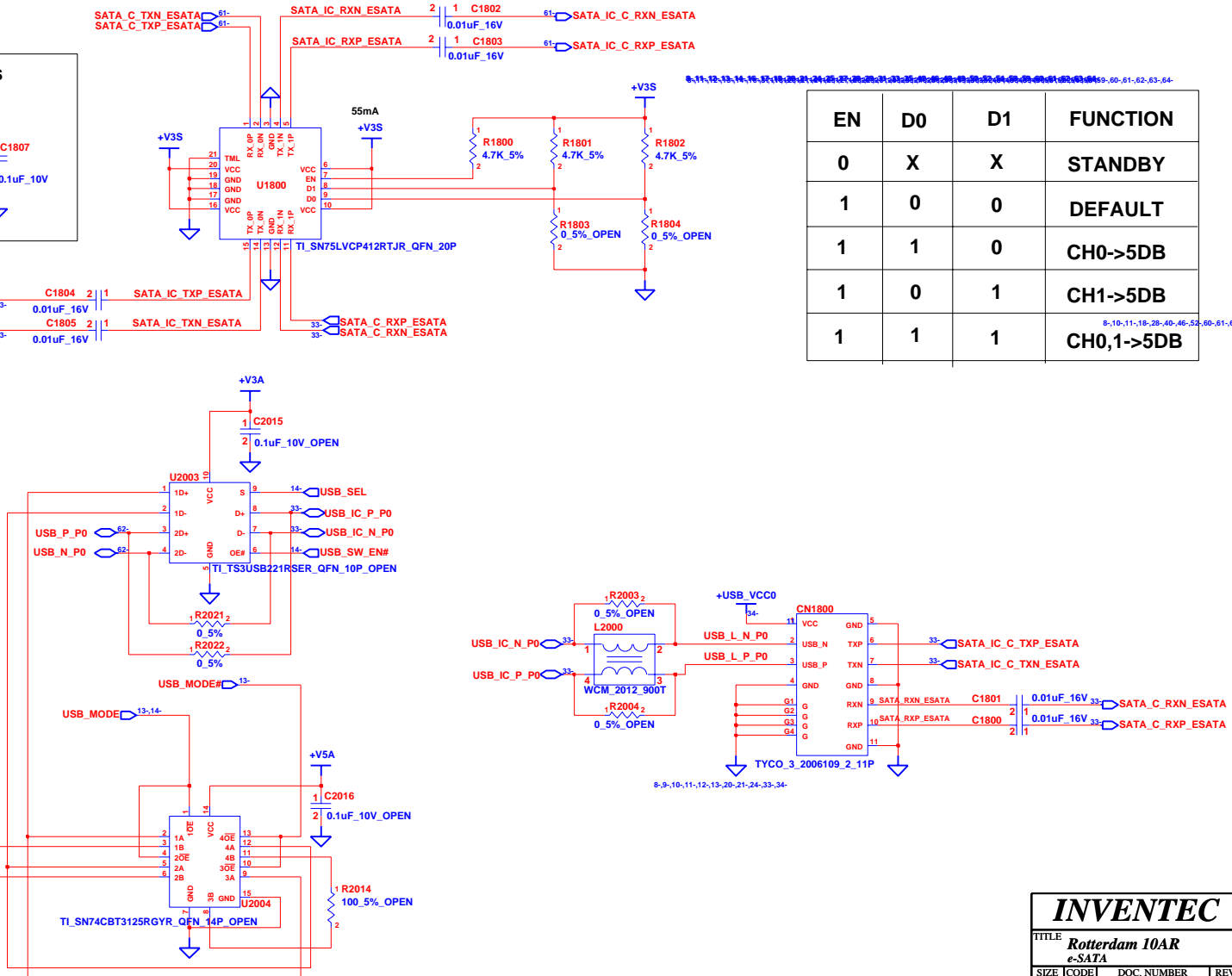
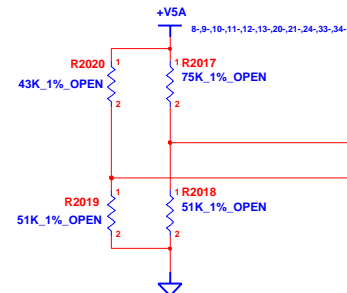


INVENTEC			
TITLE Rotterdam 10AR SATA HDD, SATA ODD			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AXI
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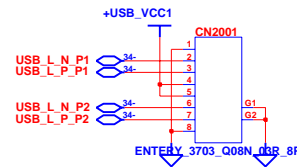
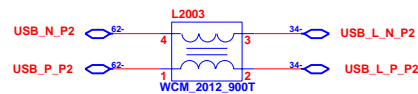
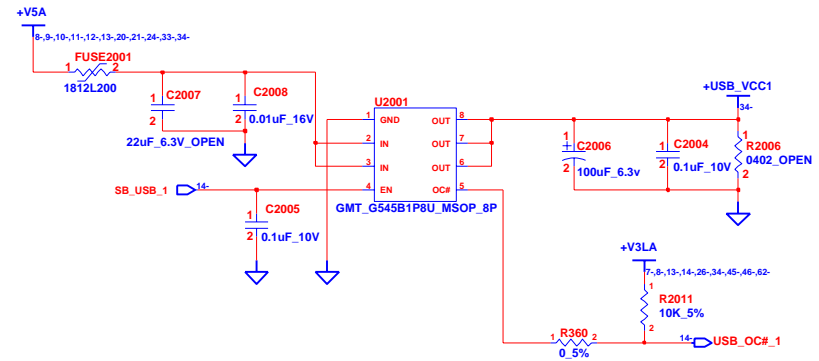
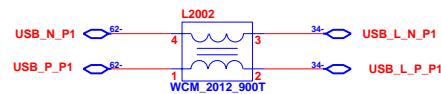
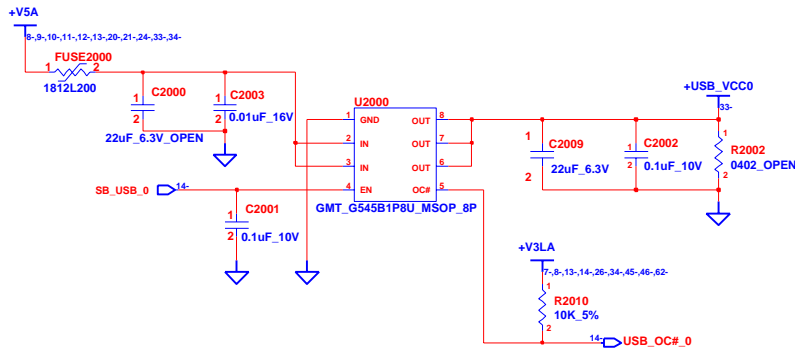
E-SATA



USB SIGNAL SWITCH
Within 40~50 mm of SB
Within 150mm of connector



USB

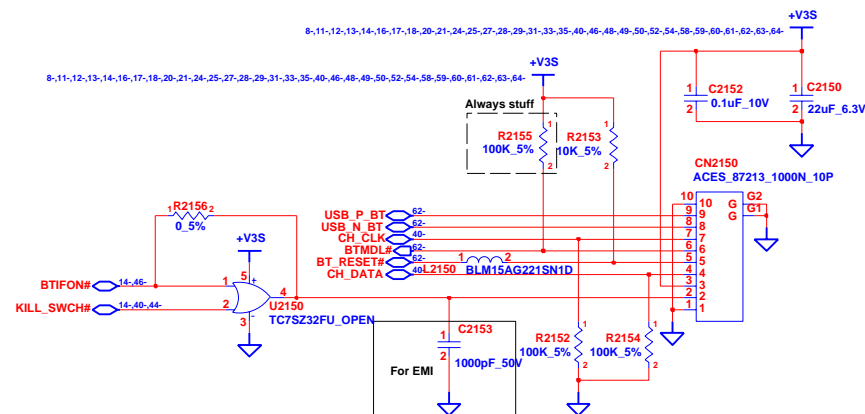


INVENTEC

TITLE			
Rotterdam 10AR			
USB			
SIZE	CODE	DOC. NUMBER	REV
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BLUEBOOTH

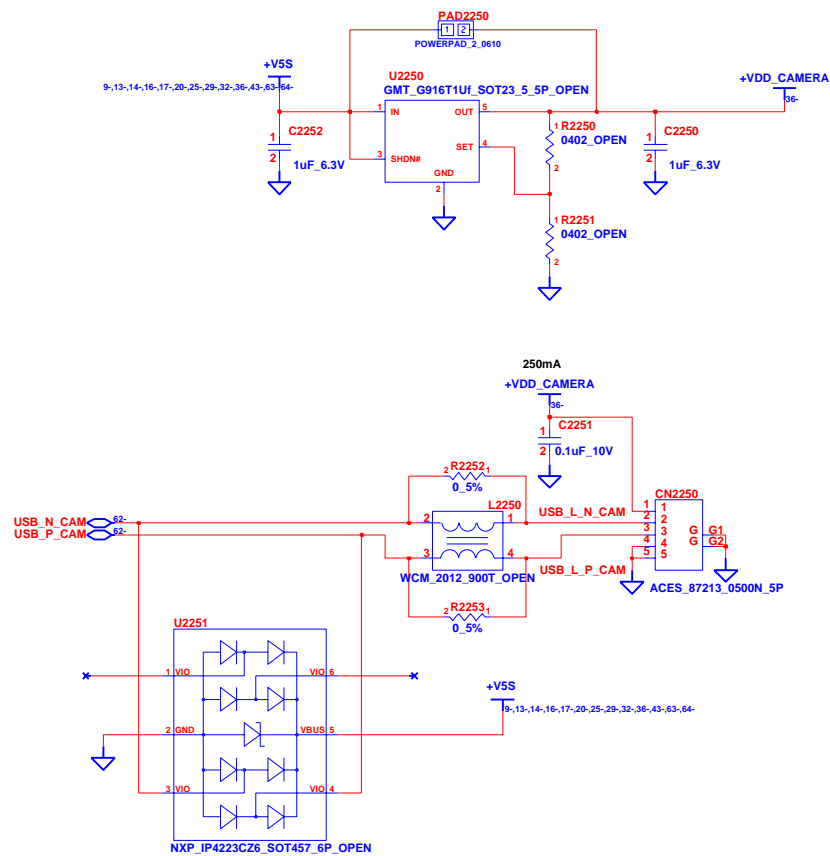


INVENTEC

TITLE			
Rotterdam 10AR			
BlueTooth			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
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CHANGE by *Drawer Name* 16-Dec-2008

WEBCAM



INVENTEC

TITLE			
Rotterdam 10AR			
Camera			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by *Drawer Name* 16-Dec-2008

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B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE Rotterdam 10AR <i>Finger Print</i>			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AX1
CHANGE by <i>Drawer Name</i>		16-Dec-2008	
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C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE Rotterdam 10AR <i>FELICA</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
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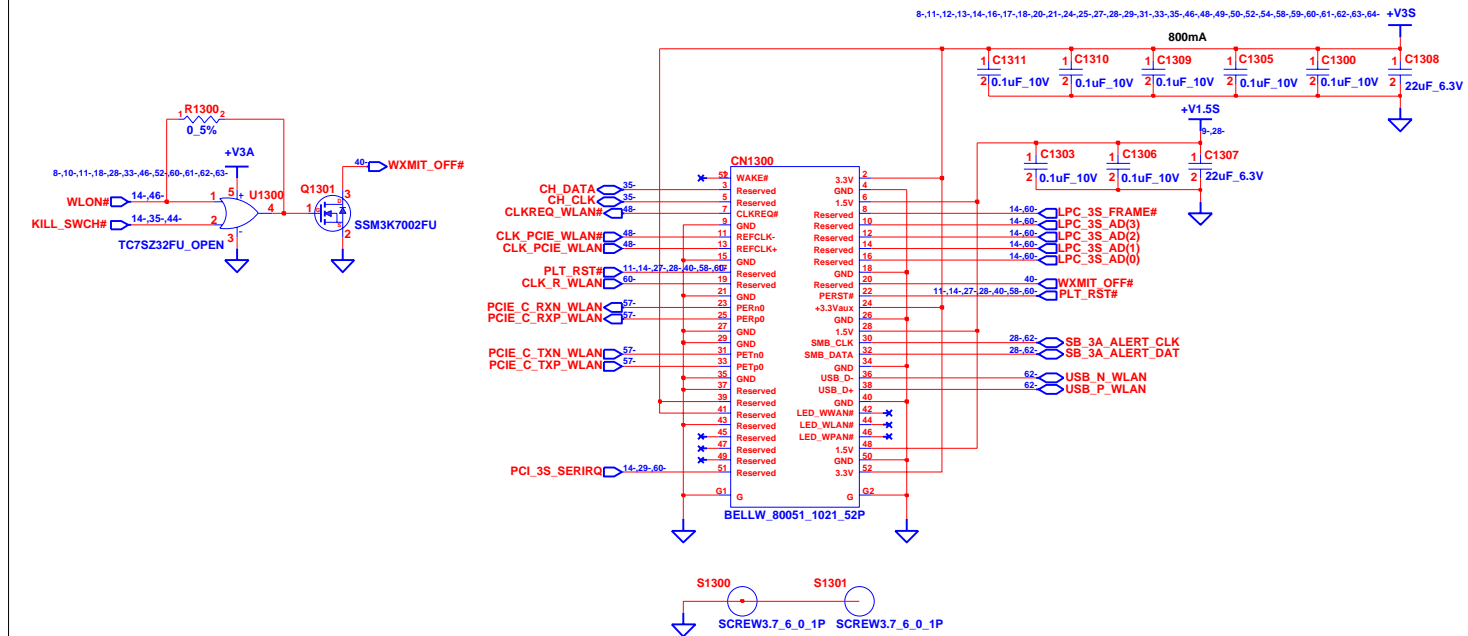
CHANGE by	Drawer Name	16-Dec-2008
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C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE Rotterdam 10AR <i>FM tuner</i>			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AXI
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CHANGE by	<i>Drawer Name</i>	16-Dec-2008
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Wireless & Debug card



INVENTEC

TITLE			
Rotterdam 10AR			
WLAN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
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CHANGE by *Drawer Name* 16-Dec-2008

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D									D
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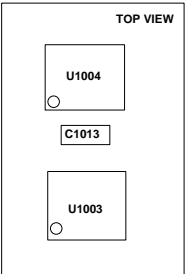
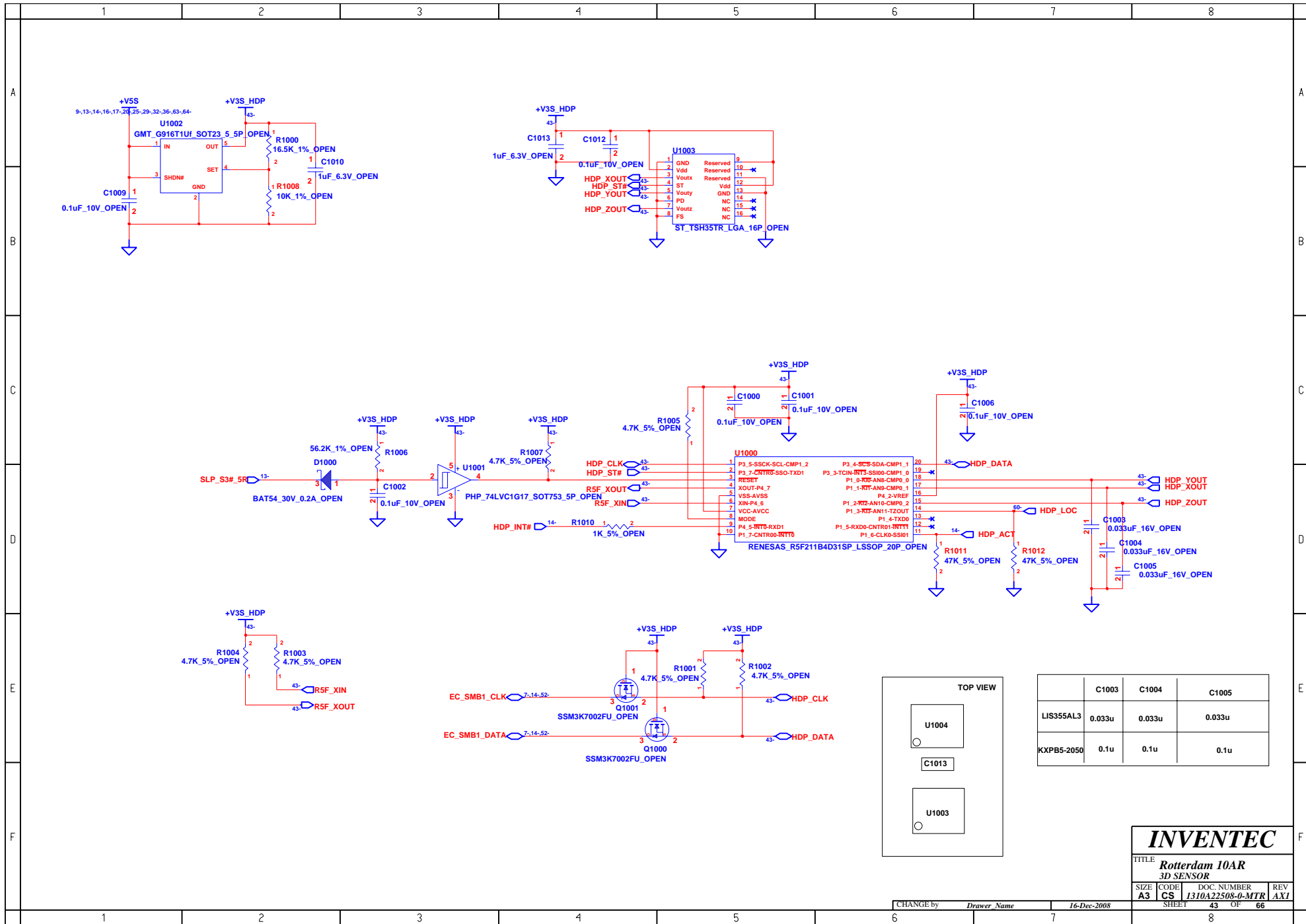
INVENTEC			
TITLE <i>Rotterdam 10AR</i>			
3G			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
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CHANGE by *Drawer Name* 16-Dec-2008

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C									C
D									D
E									E
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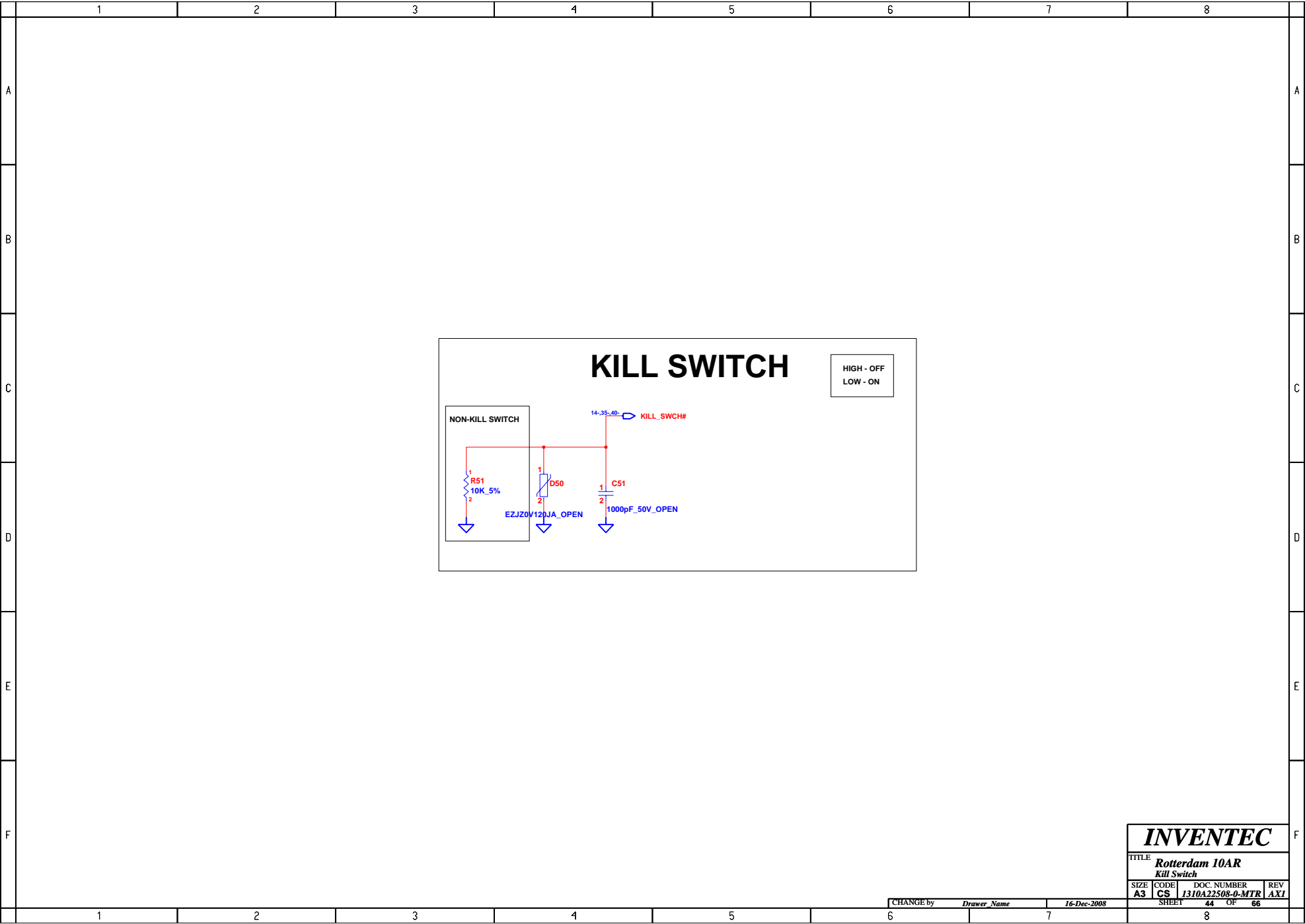
INVENTEC			
TITLE Rotterdam 10AR			
WUSB			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
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CHANGE by *Drawer Name* 16-Dec-2008



	C1003	C1004	C1005
LIS355AL3	0.033u	0.033u	0.033u
KXPB5-2050	0.1u	0.1u	0.1u

INVENTEC			
TITLE: Rotterdam 10AR 3D SENSOR			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A22508-0-MTR	REV: AXI
CHANGE by: Drawer Name		16-Dec-2008	
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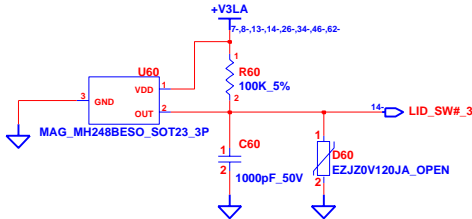


INVENTEC			
TITLE Rotterdam 10AR Kill Switch			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AX1
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A									A
B									B
C									C
D									D
E									E
F									F
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LID SWITCH



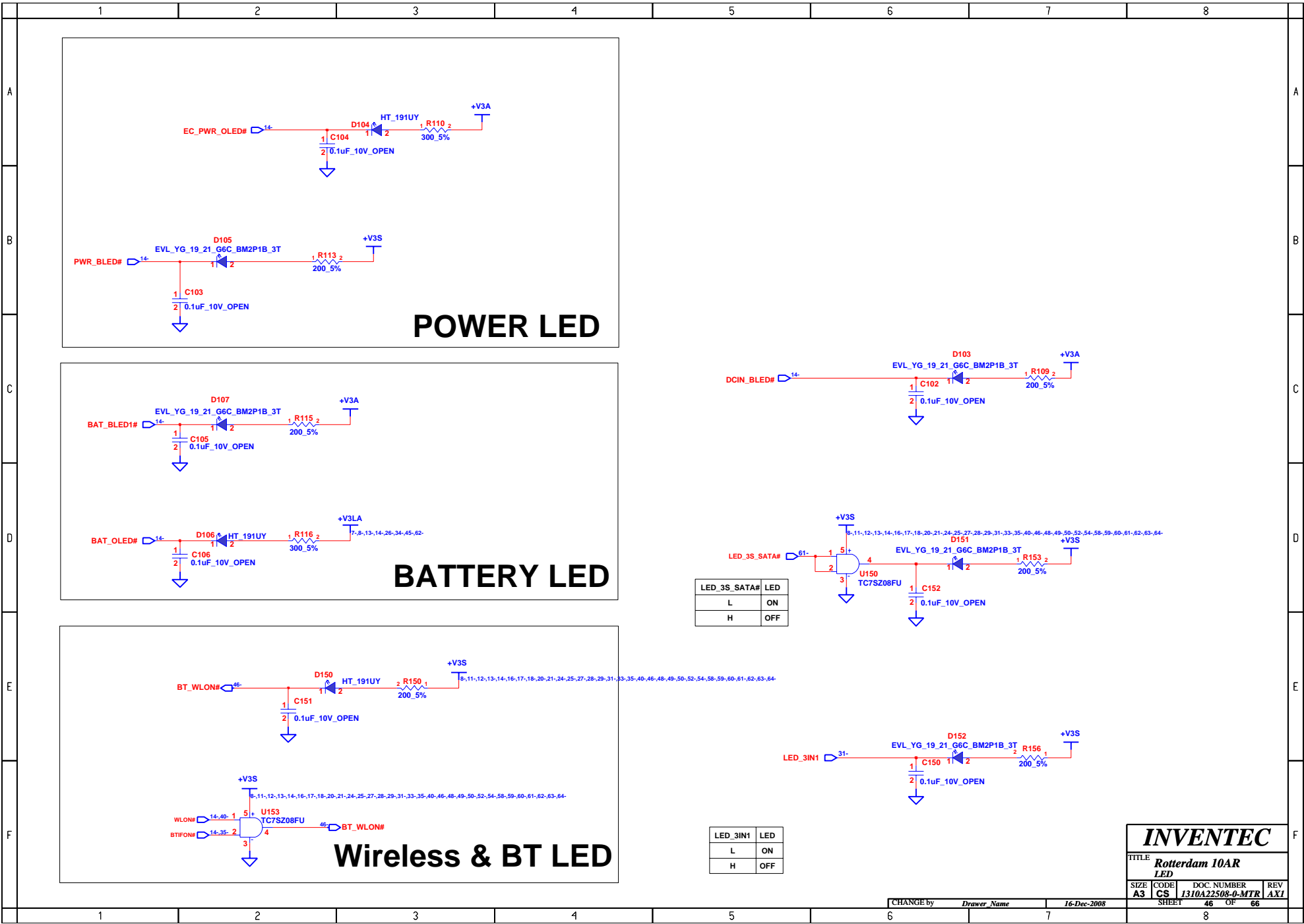
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TITLE
Rotterdam 10AR
LID Switch

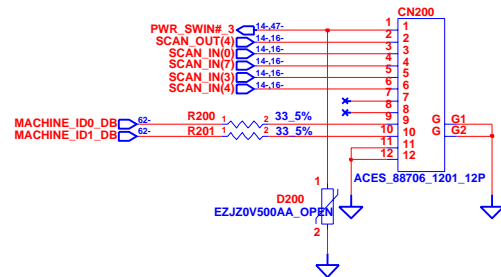
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A3	CS	1310A22508-0-MTR	AXI

CHANGE by *Drawer Name* 16-Dec-2008

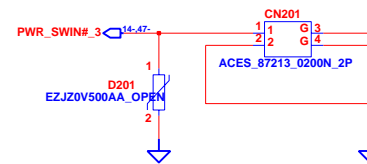
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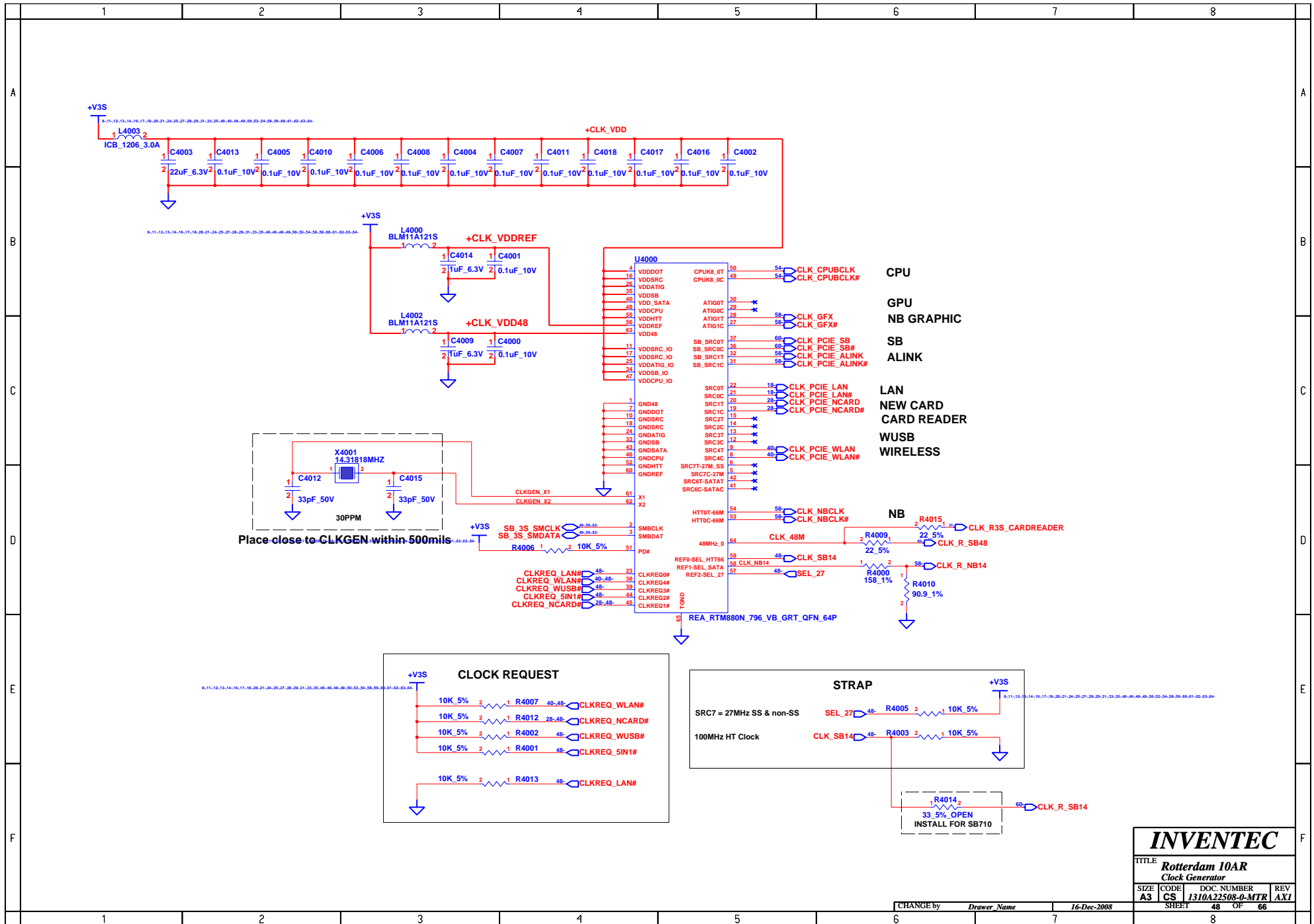
HOTKEY

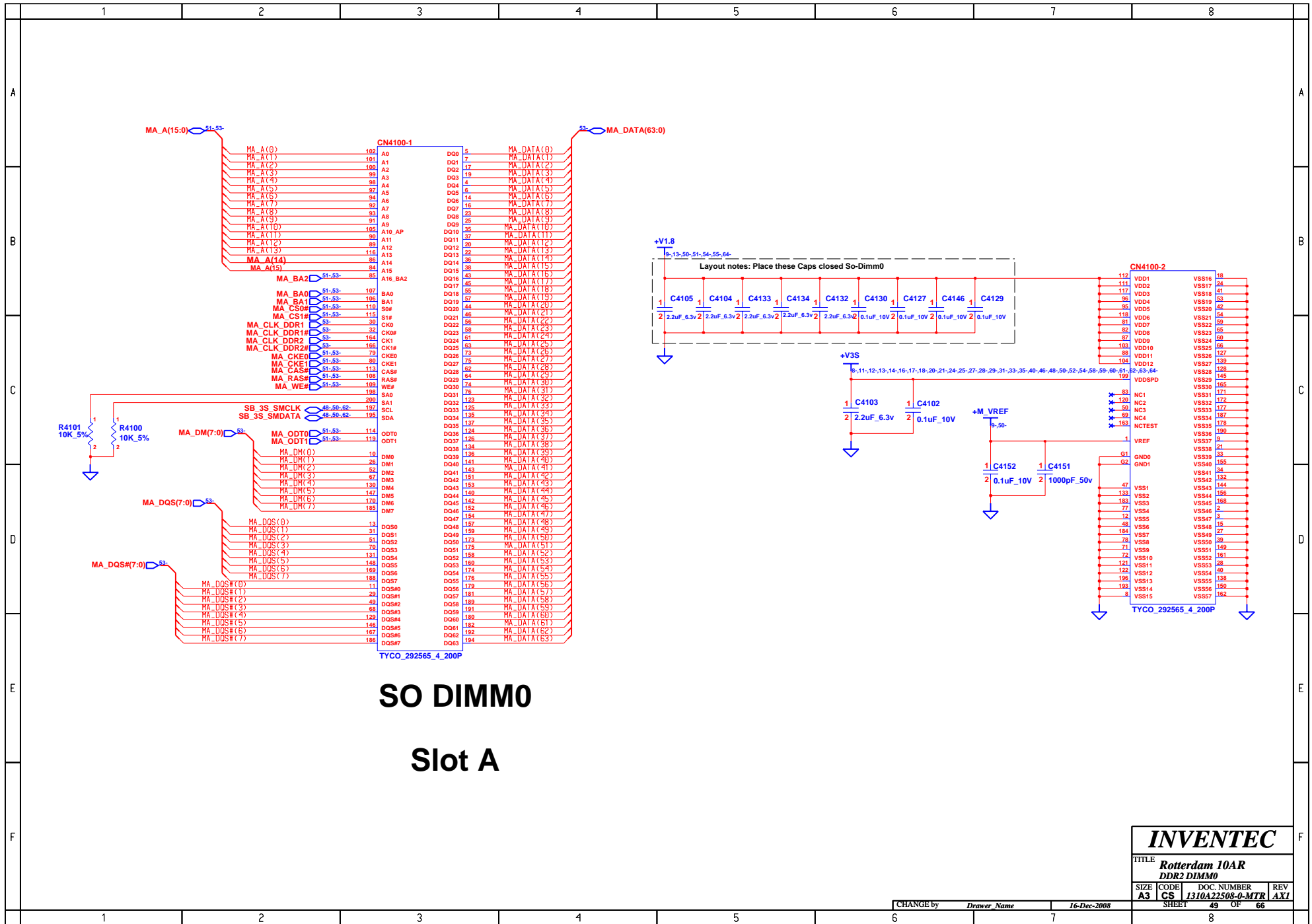


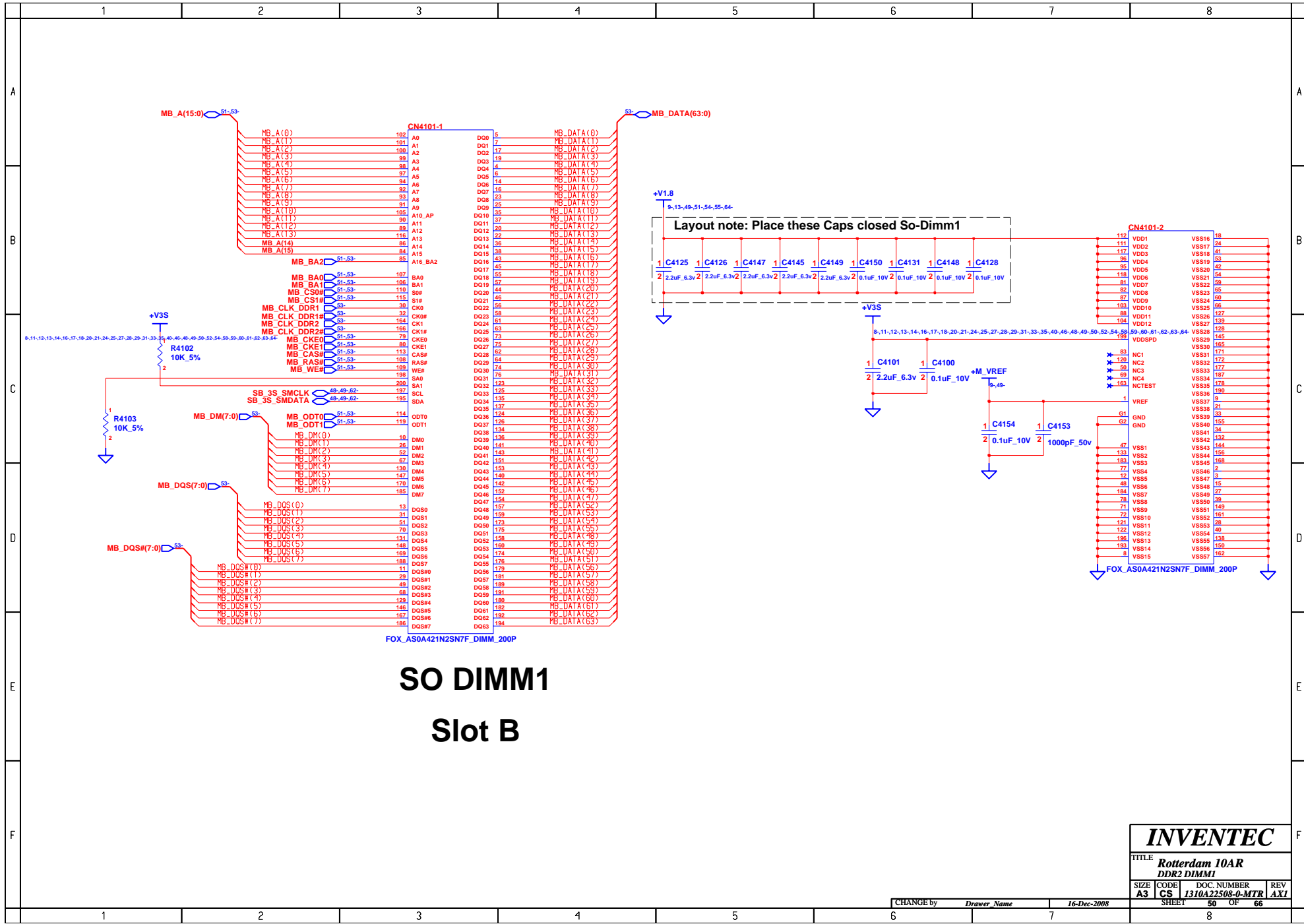
POWER BUTTON

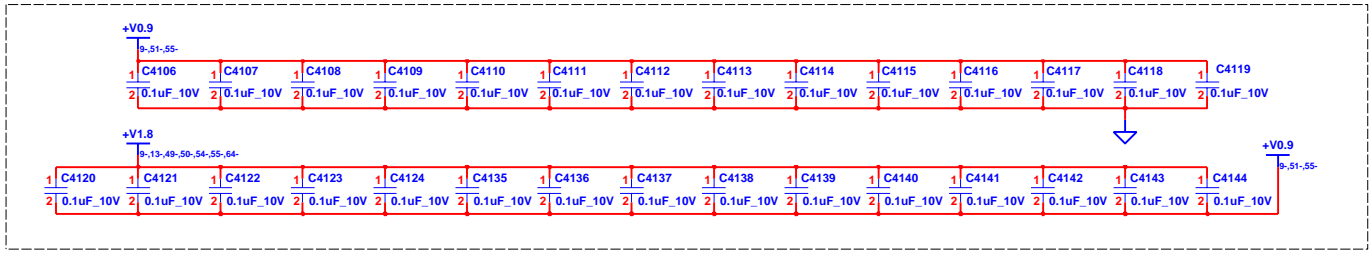


INVENTEC			
TITLE			
Rotterdam 10AR			
Connector			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
CHANGE by		Drawer Name	16-Dec-2008
SHEET		47	OF 66



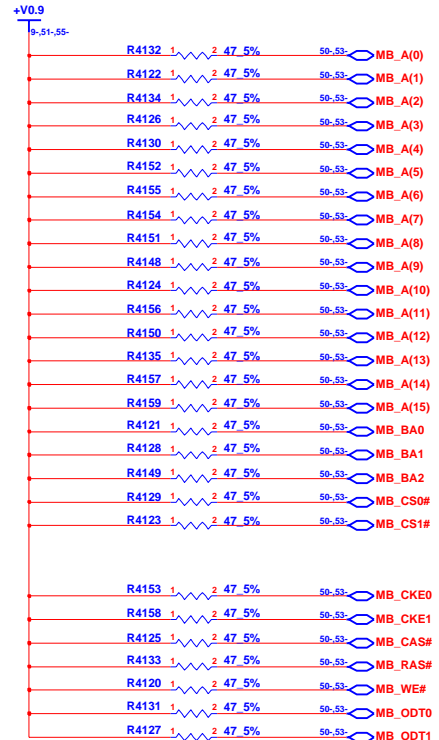
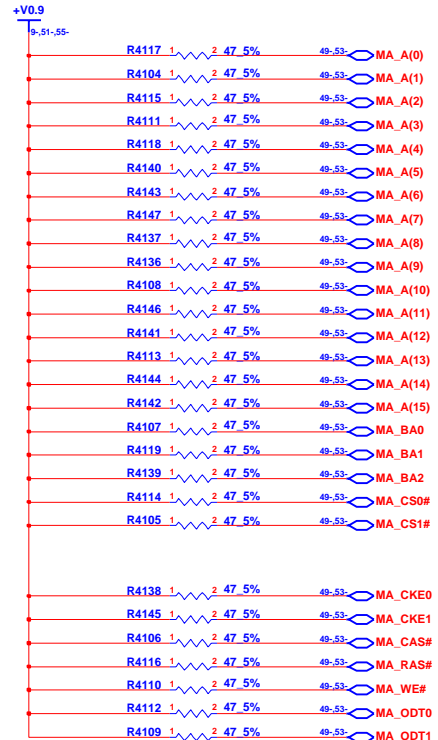




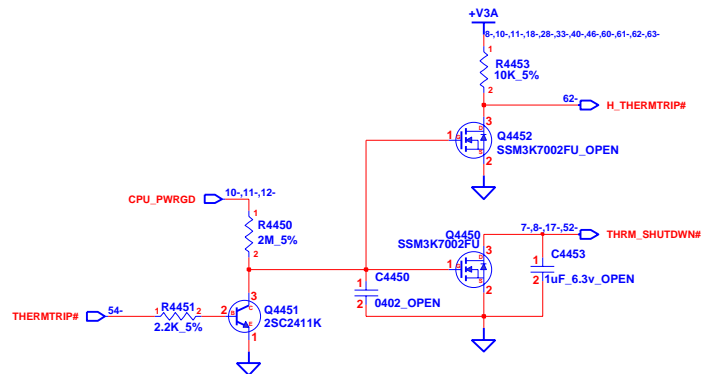


To CPU power sense

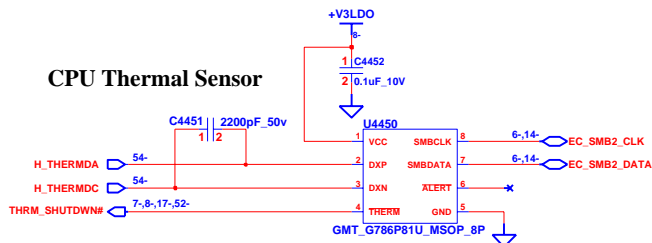
Place CAPs close to DIMM



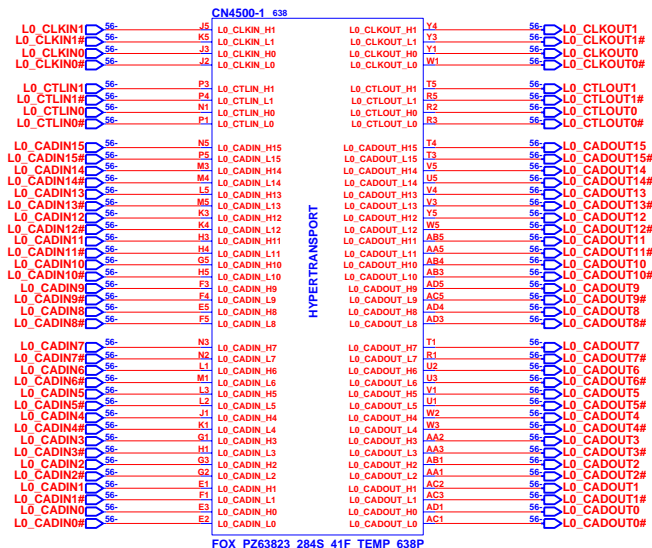
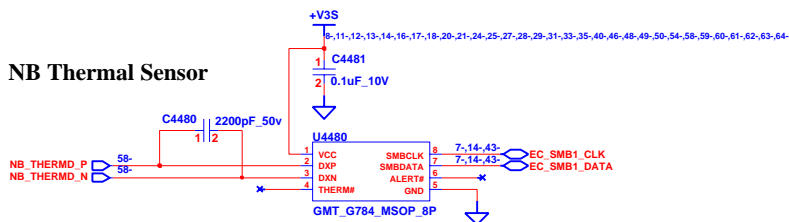
INVENTEC			
TITLE Rotterdam 10AR DDR2 Damping			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AX1
SHEET		51	OF 66



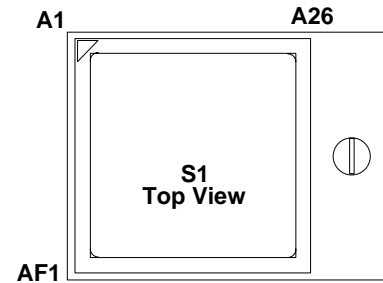
CPU Thermal Sensor



NB Thermal Sensor



Layout: Add stitching caps if crossing plane split.



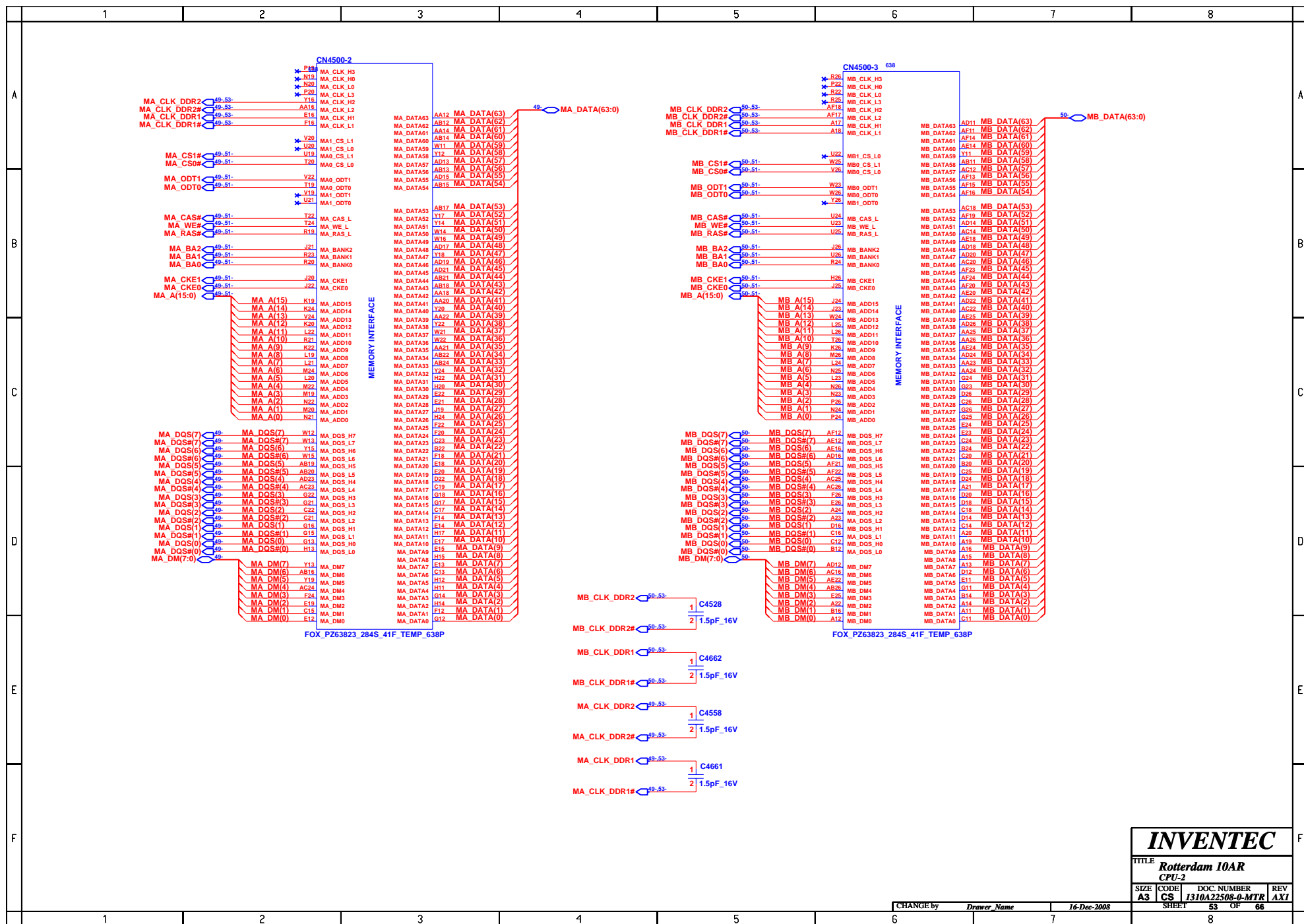
INVENTEC

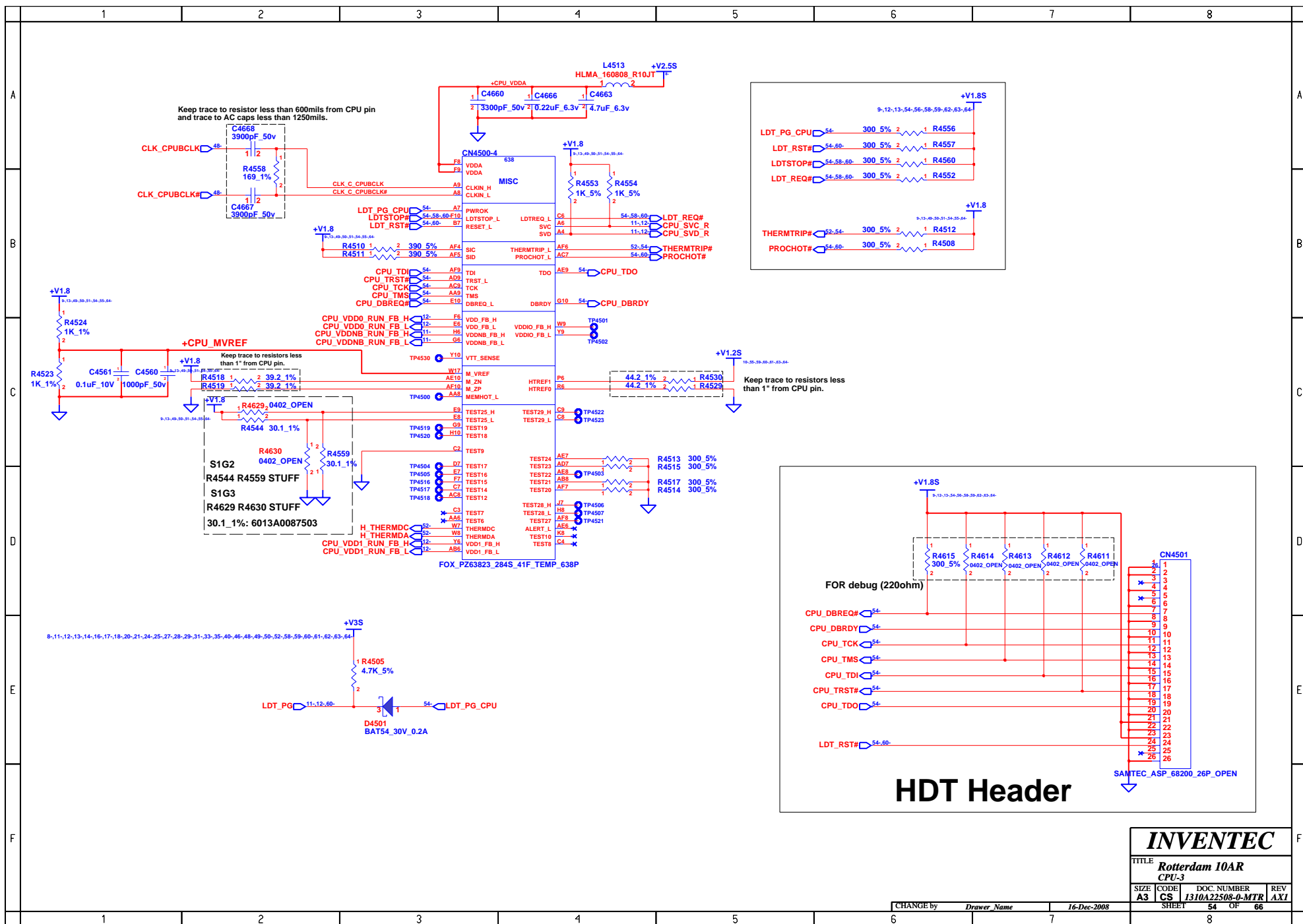
TITLE
Rotterdam 10AR
CPU-1

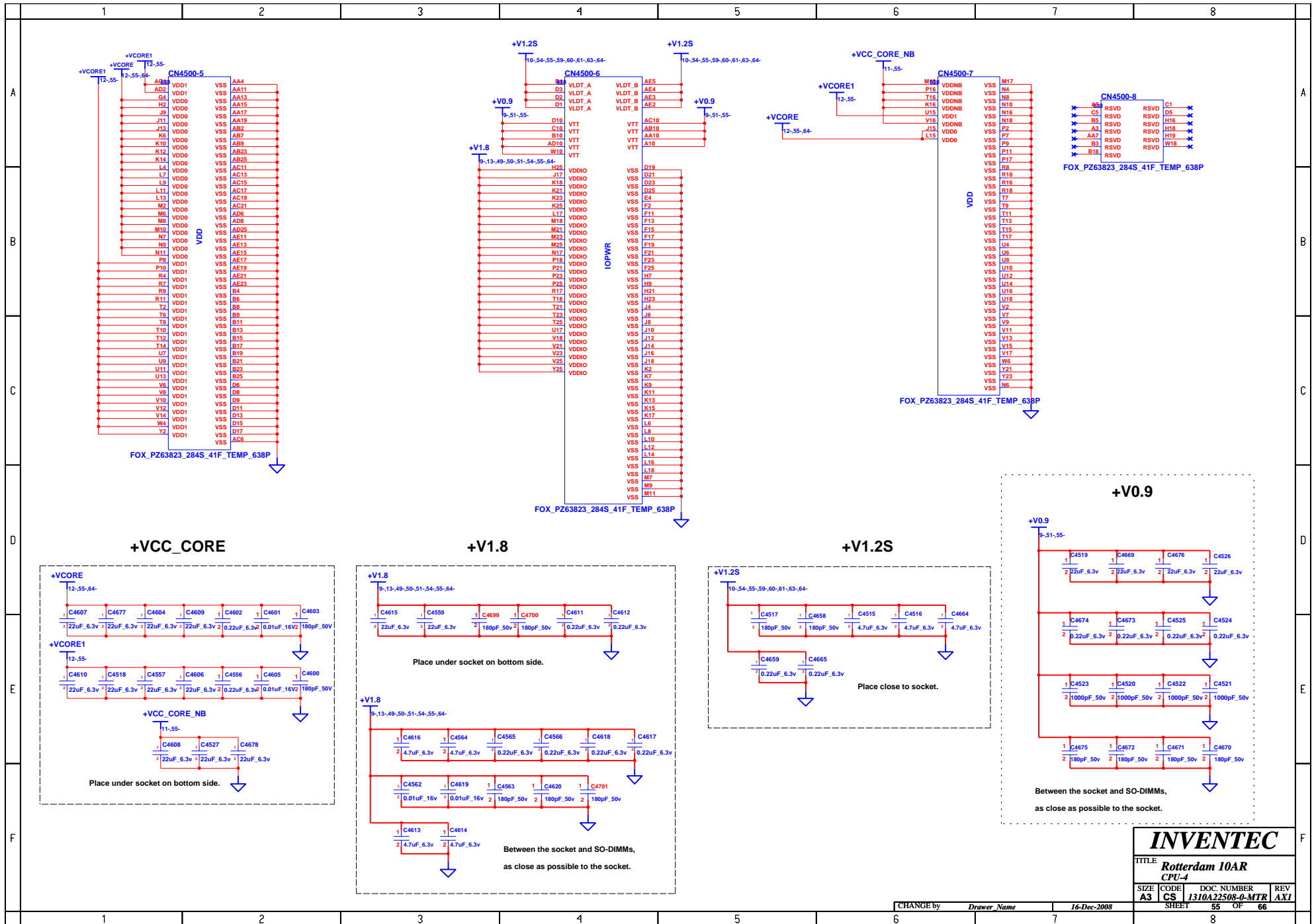
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AX1

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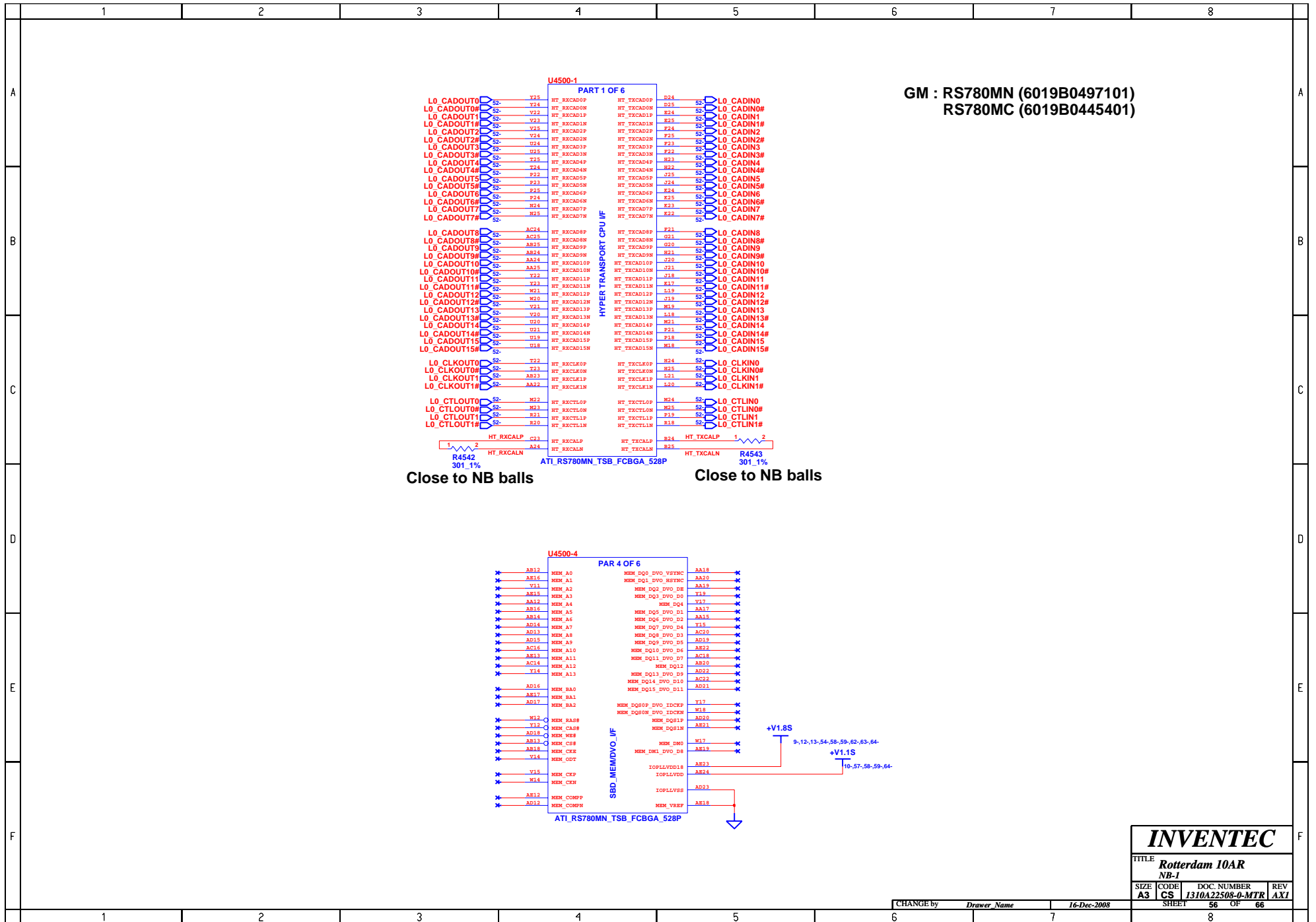


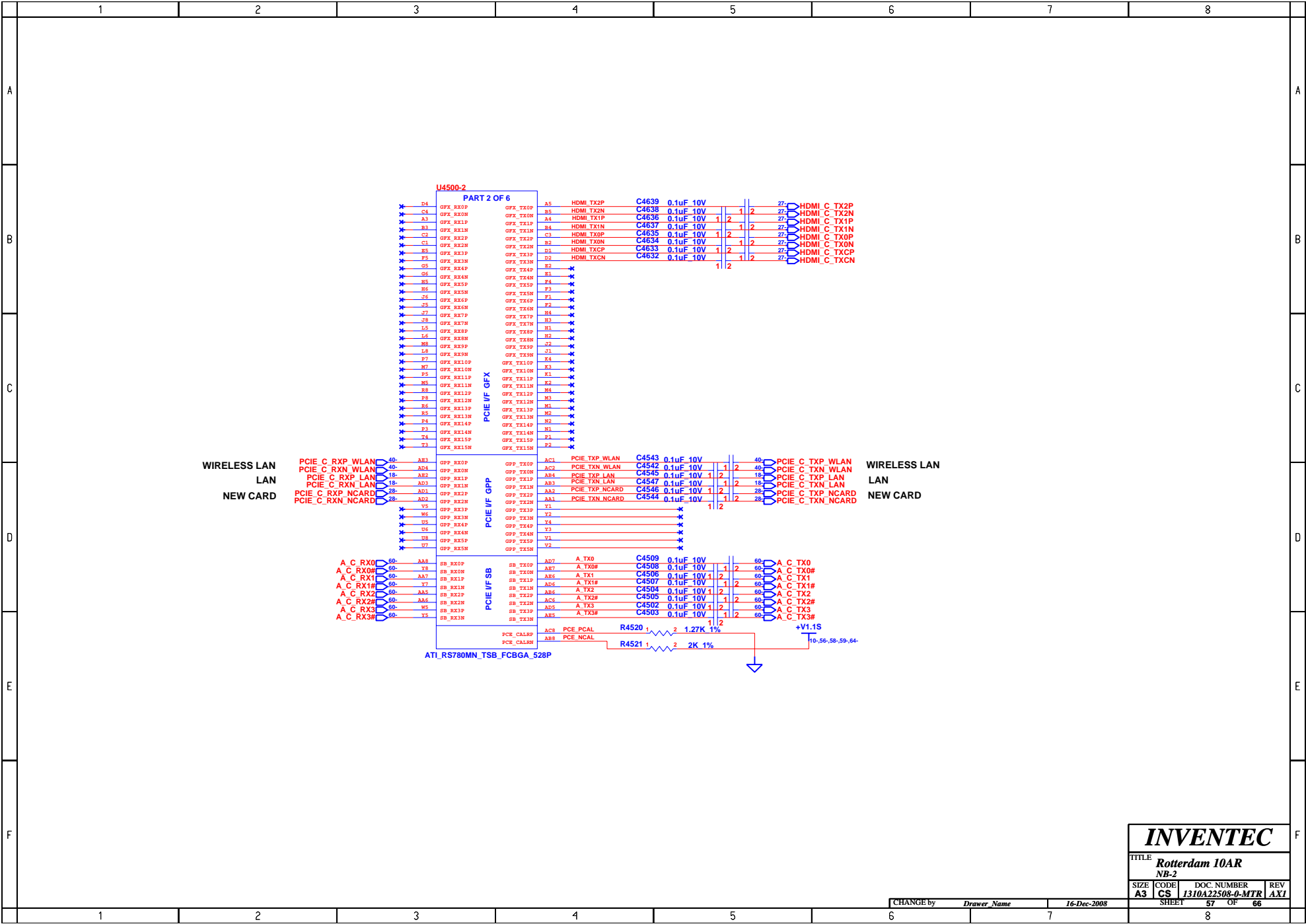


INVENTEC

TITLE Rotterdam 10AR CPU-4			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AX1
SHEET		55	OF 66

CHANGE by *Drawer Name* 16-Dec-2008



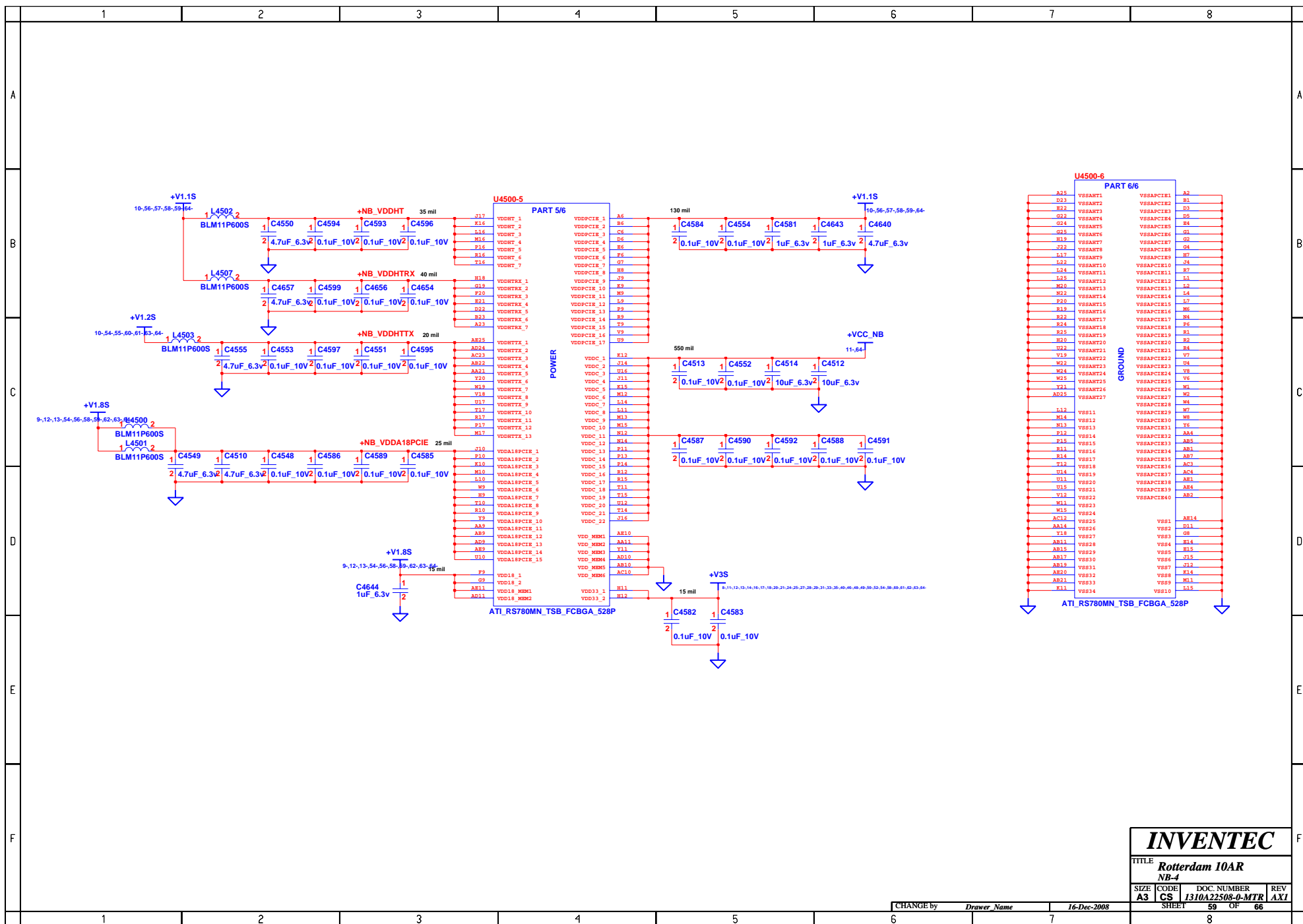


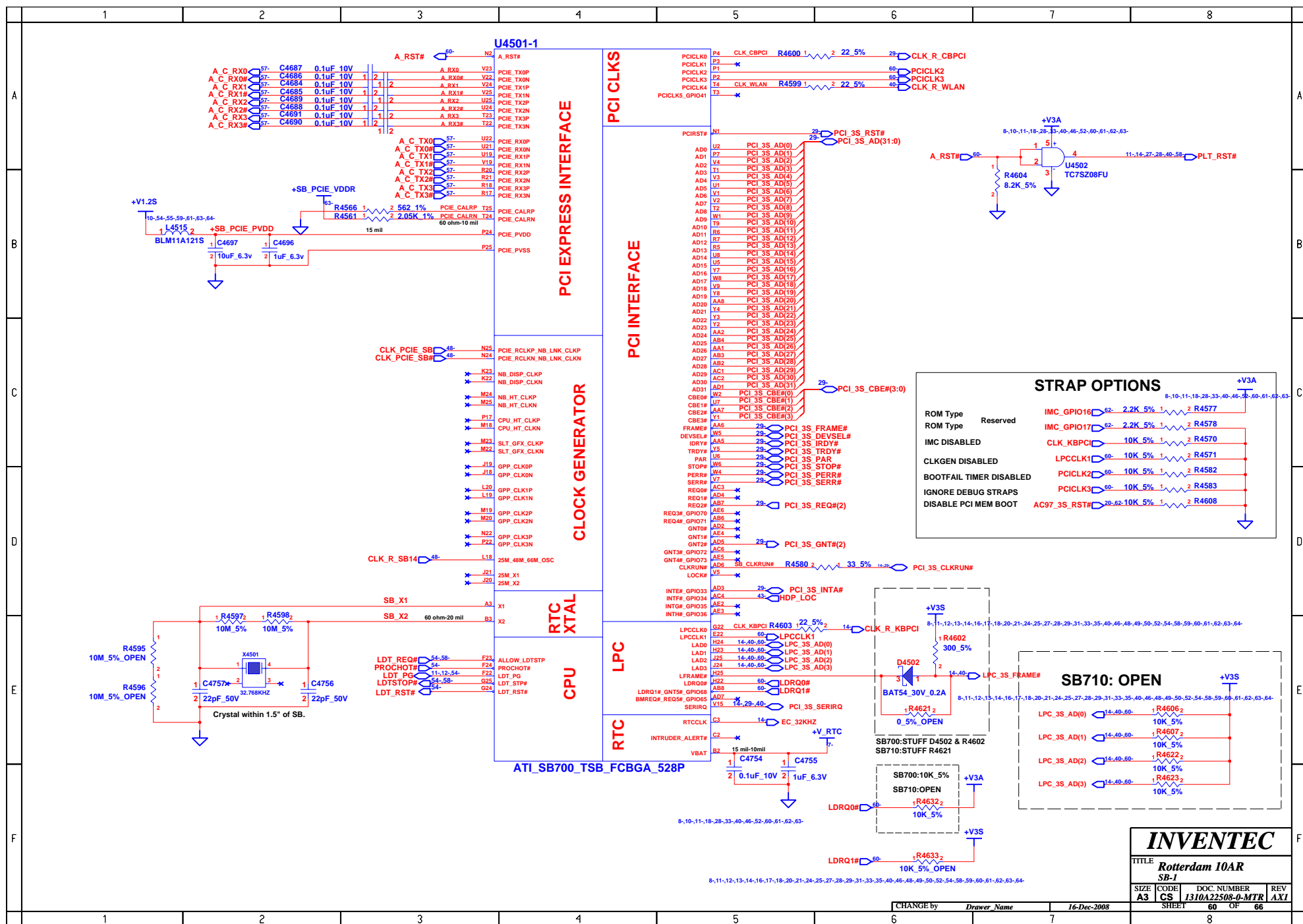
INVENTEC

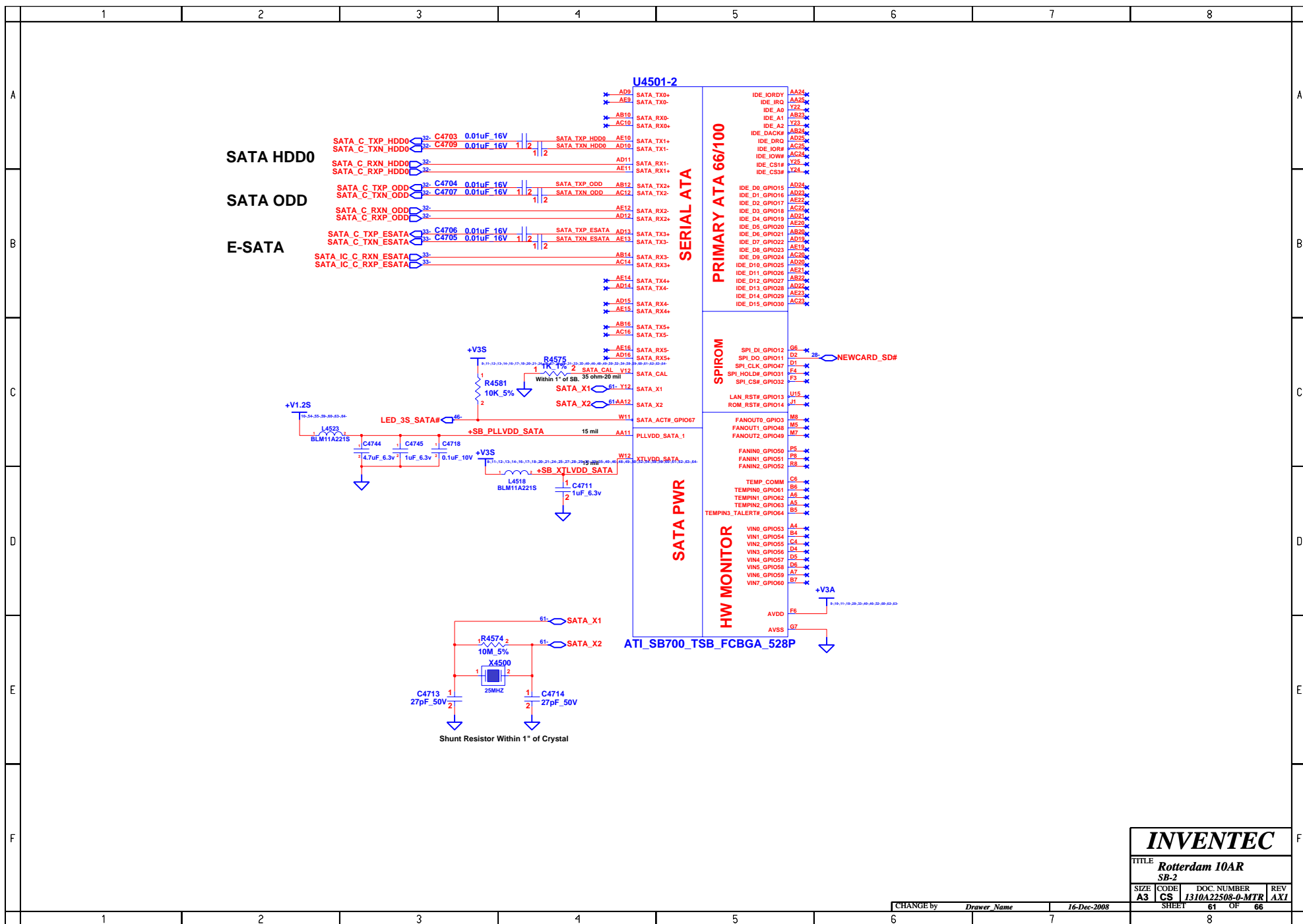
TITLE
Rotterdam 10AR
NB-2

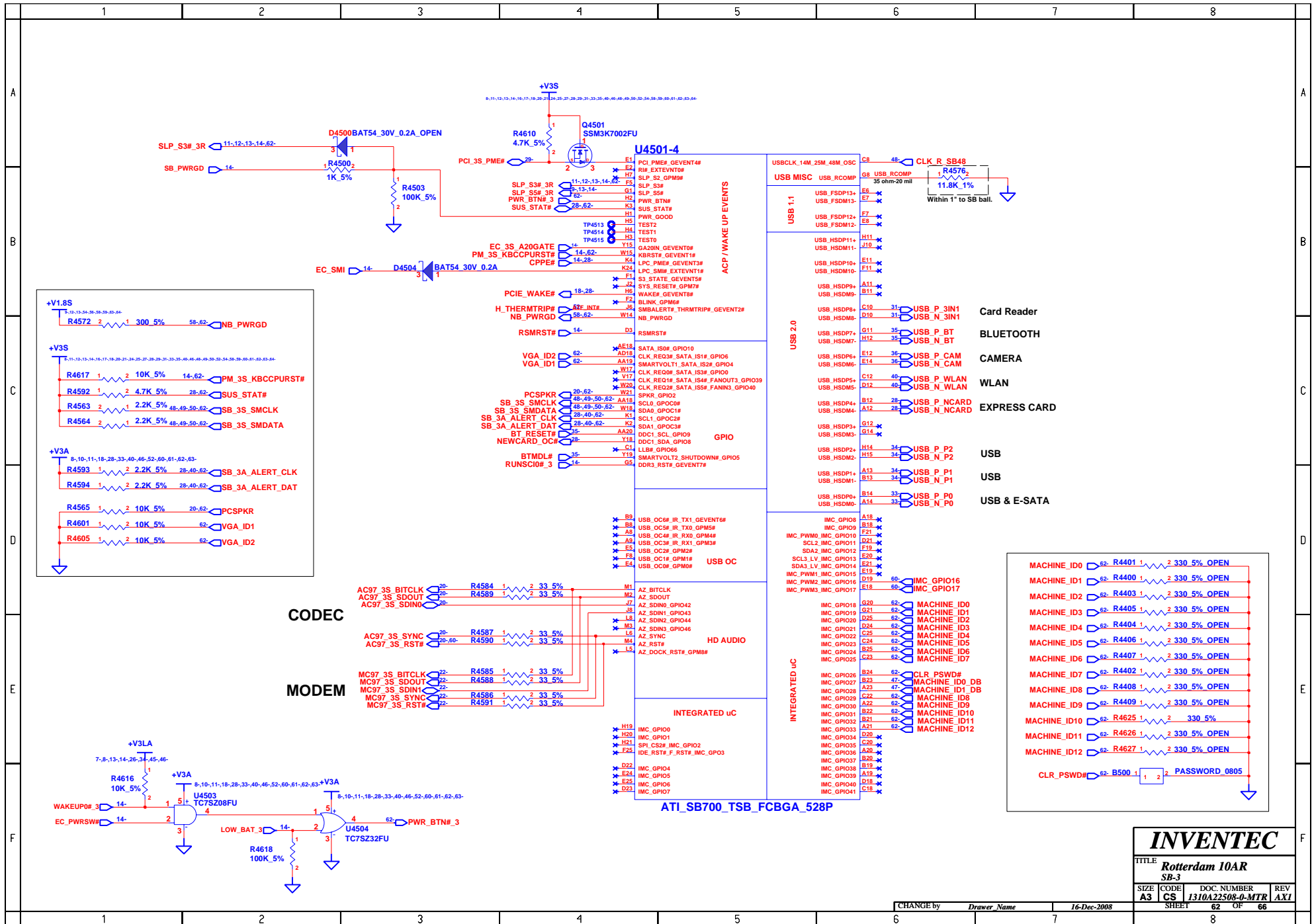
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
SHEET		57	OF 66

CHANGE by *Drawer Name* 16-Dec-2008





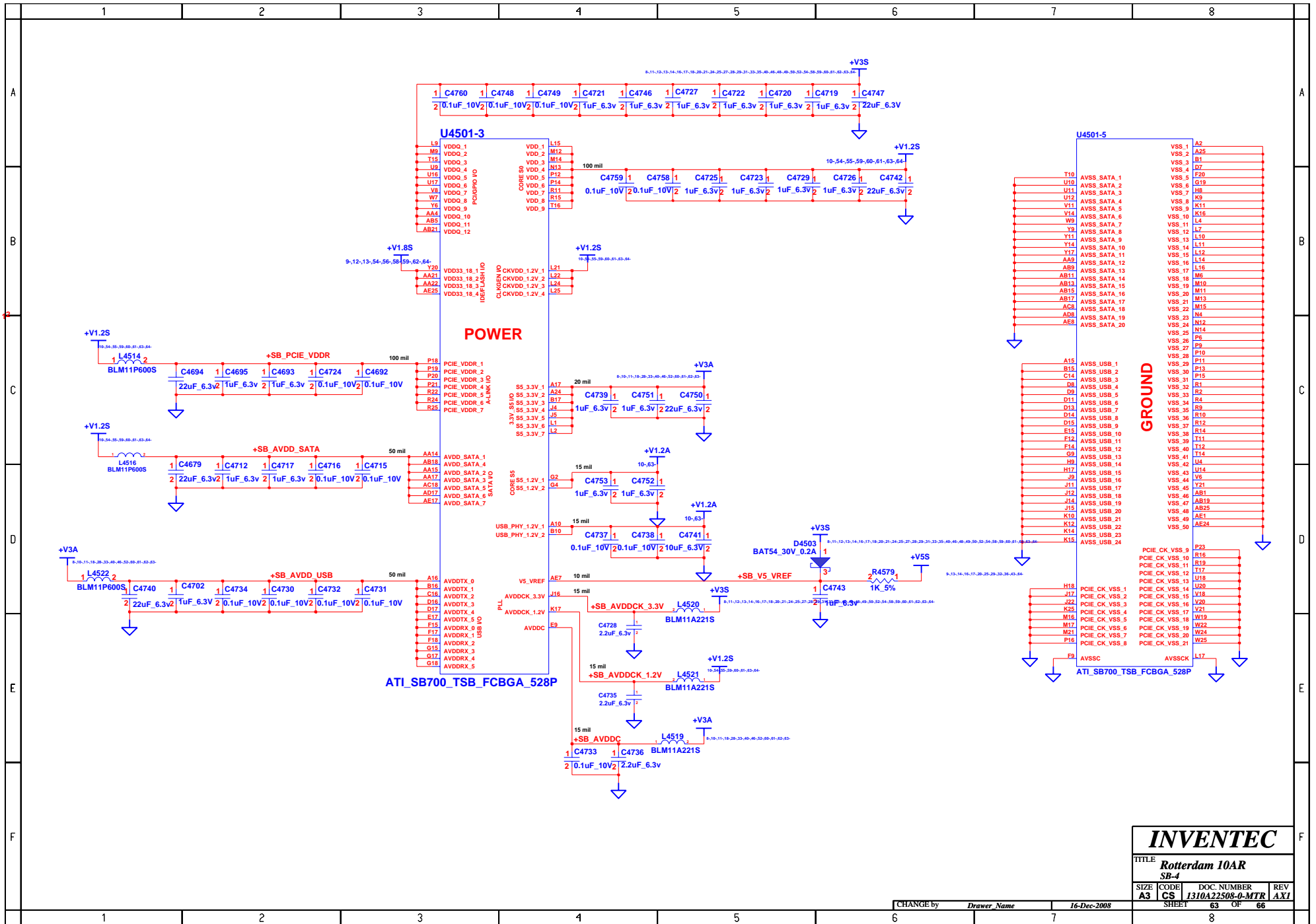




INVENTEC

TITLE			
Rotterdam 10AR			
SB-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI
SHEET		62	OF 66

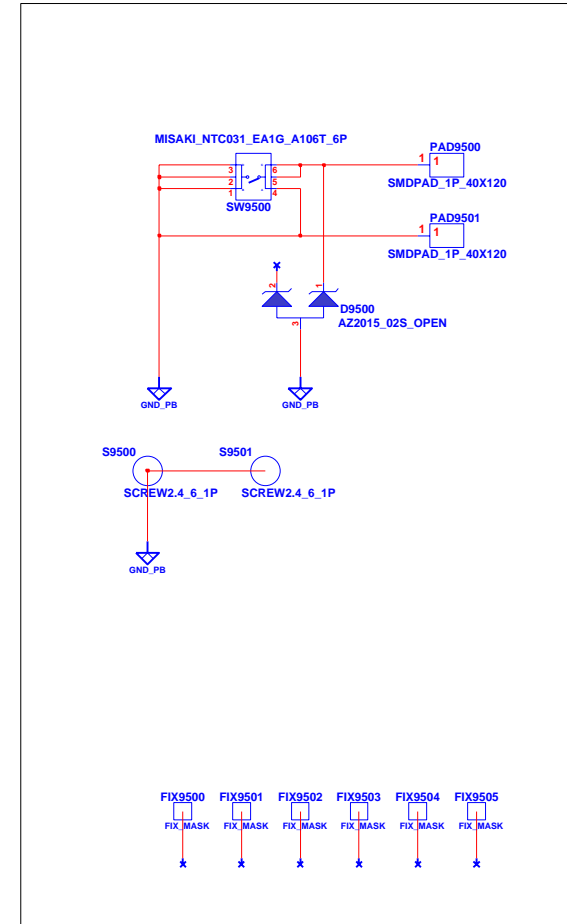
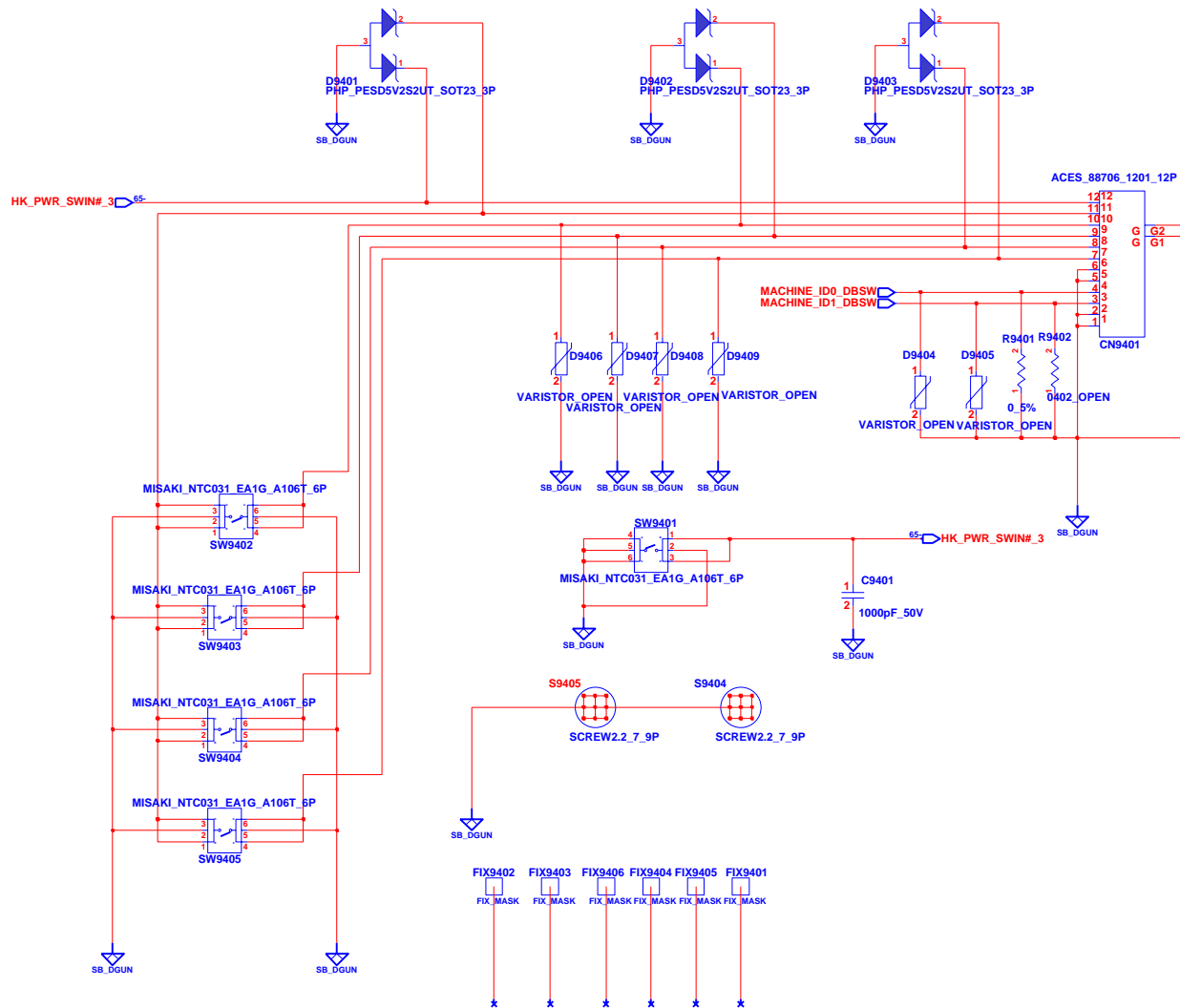
CHANGE by *Drawer Name* 16-Dec-2008



[illegible]

TITLE Rotterdam 10AR			
SIZE A3	CODE CS	DOC. NUMBER 1310A22508-0-MTR	REV AX1
SHEET		64	OF 66

HOTKEY BOARD 0 BUTTON BOARD



INVENTEC

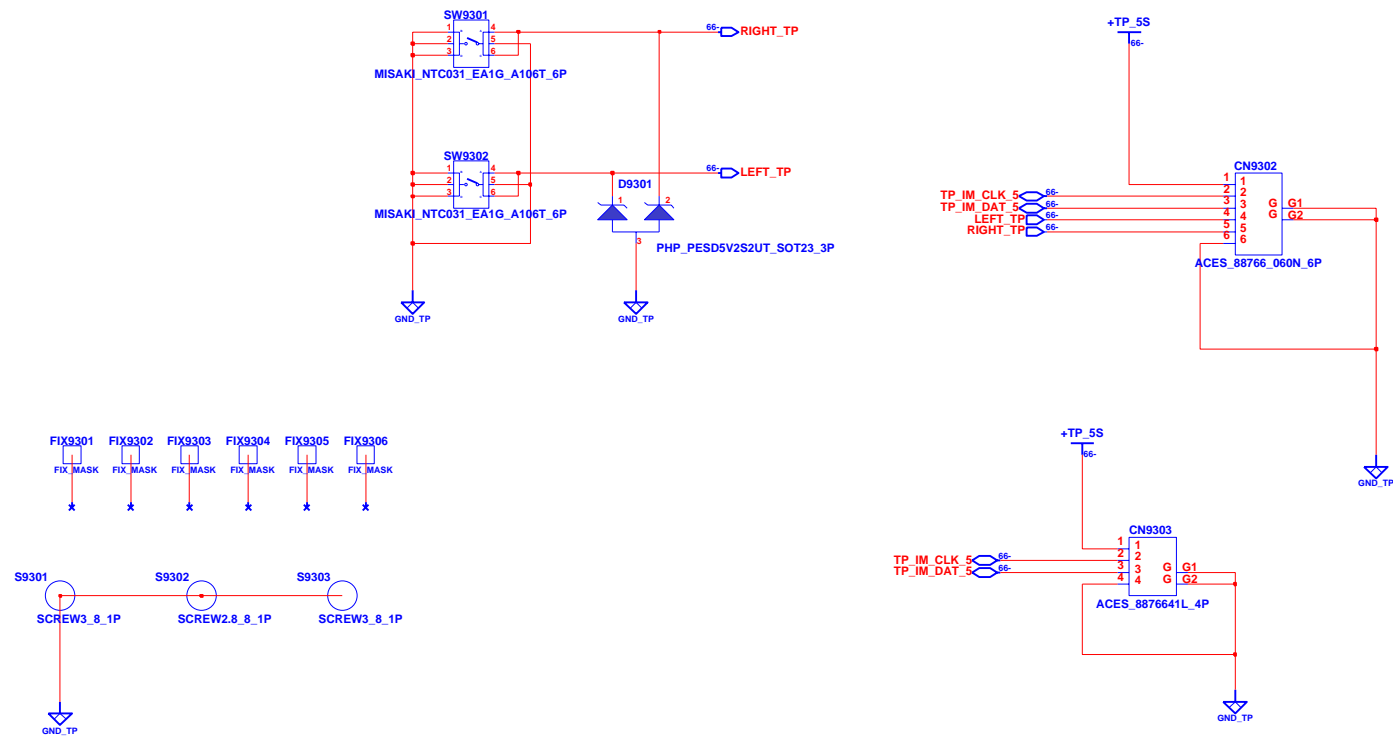
TITLE: **Rotterdam 10AR**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI

CHANGE by: *Drawer Name* 3-Apr-2009

SHEET 65 OF 66

TOUCH PAD BOARD



INVENTEC

TITLE
Rotterdam 10AR

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22508-0-MTR	AXI

CHANGE by *Drawer Name* 16-Dec-2008

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