

VIP Build(A02)

2009.04.09

DATE	CHANGE NO.	REV


DRAWER		EE	DATE	POWER	DATE				
DESIGN									
CHECK									
RESPONSIBLE									
SIZE = 3 VER : FILE NAME : XXXX-XXXX-XX-XX P/N : XXXXXXXXXXXX						TITLE Rotterdam10M			
						SIZE A3	CODE CS	DOC NUMBER 1310A2A2250301	REV A02
						SHEET 1 OF 63			

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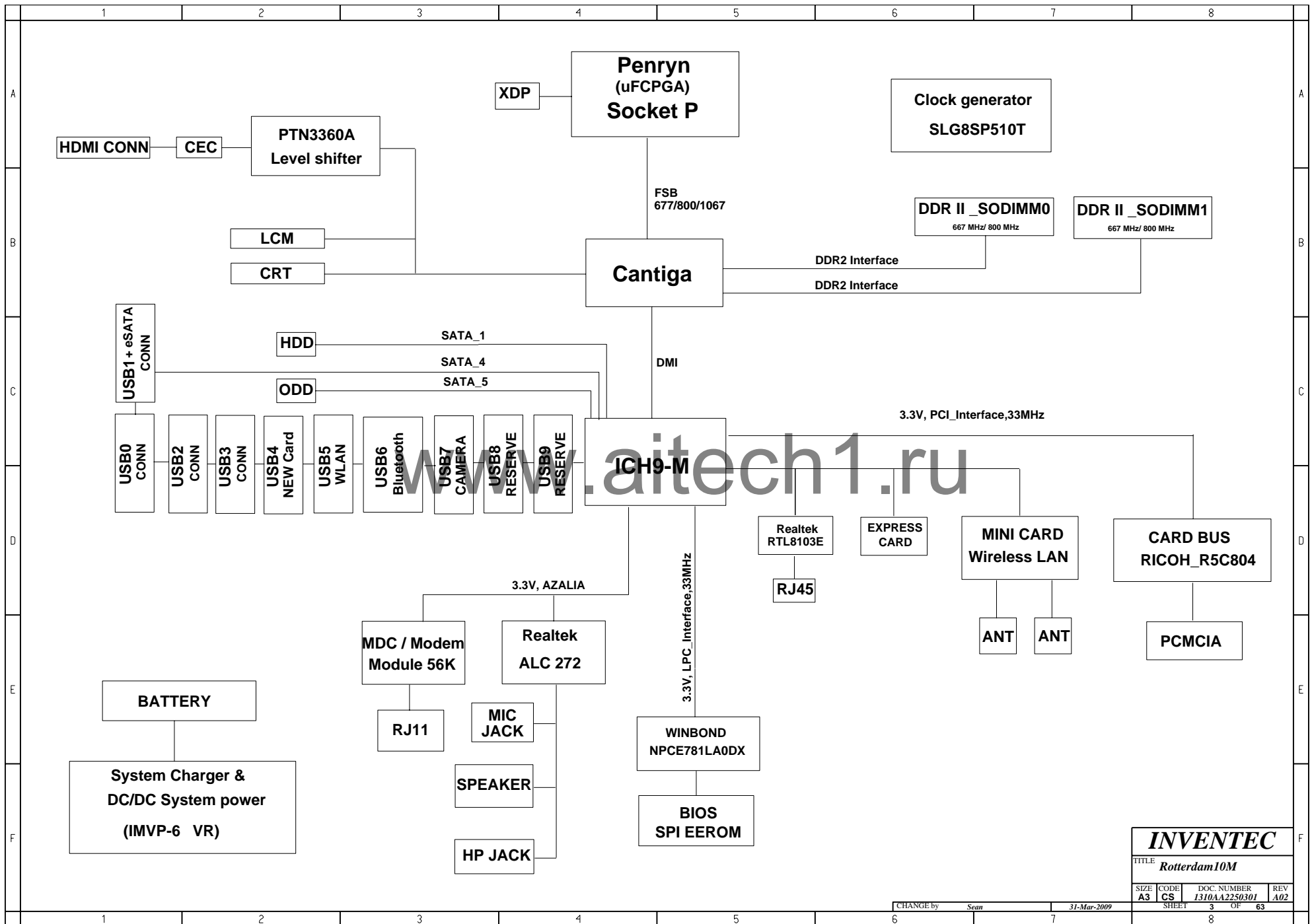
PAGE	PAGE	PAGE
1.COVER PAGE	31.ICH9-1	54.WLAN /Debug
2.INDEX	32.ICH9-2	55.MDC 1.5 CONN
3.BLOCK DIAGRAM	33.ICH9-3	56.LED(M/B) & HOTKEY/B CONN
4.POWER SEQUENCE BLOCK	34.ICH9-4	57.KILL SWITCH& HALL SENSOR
5-12.SYSTEM POWER	35.ICH9-5	58.Screw
13.CLOCK GENERATOR	36.SATA HDD CONN	59.EMI
14.PENRYN-1	37.ODD CONN	60.3D sensor
15.PENRYN-2	38.USB CONN	61. Hotkey board
16.PENRYN-3	39.ESATA CONN	62. Touch pad board
17.PENRYN-4	40.Camera	63. power board
18.FAN & THERMAL CONTROLLER	41.BLUE TOOTH CONN	
19.CANTIGA-1	42.KBC	
20.CANTIGA-2	43.K/B & TP/B CONN	
21.CANTIGA-3	44.Audio Codec	
22.CANTIGA-4	45.Audio AMP/MIC/Speaker	
23.CANTIGA-5	46.LAN CONTROLLER	
24.CANTIGA-6	47.RJ45 & TRANSFORMER	
25.CANTIGA-7	48.HDMI & CEC	
26.DDR2 DIMM0	49.HDMI CONN	
27.DDR2 DIMM1	50.USB Card Reader	
28.DDR DAMPING	51.Card Bus-1	
29.CRT CONN	52.Card Bus-2	
30.LCM CONN	53.Express Card	

INVENTEC

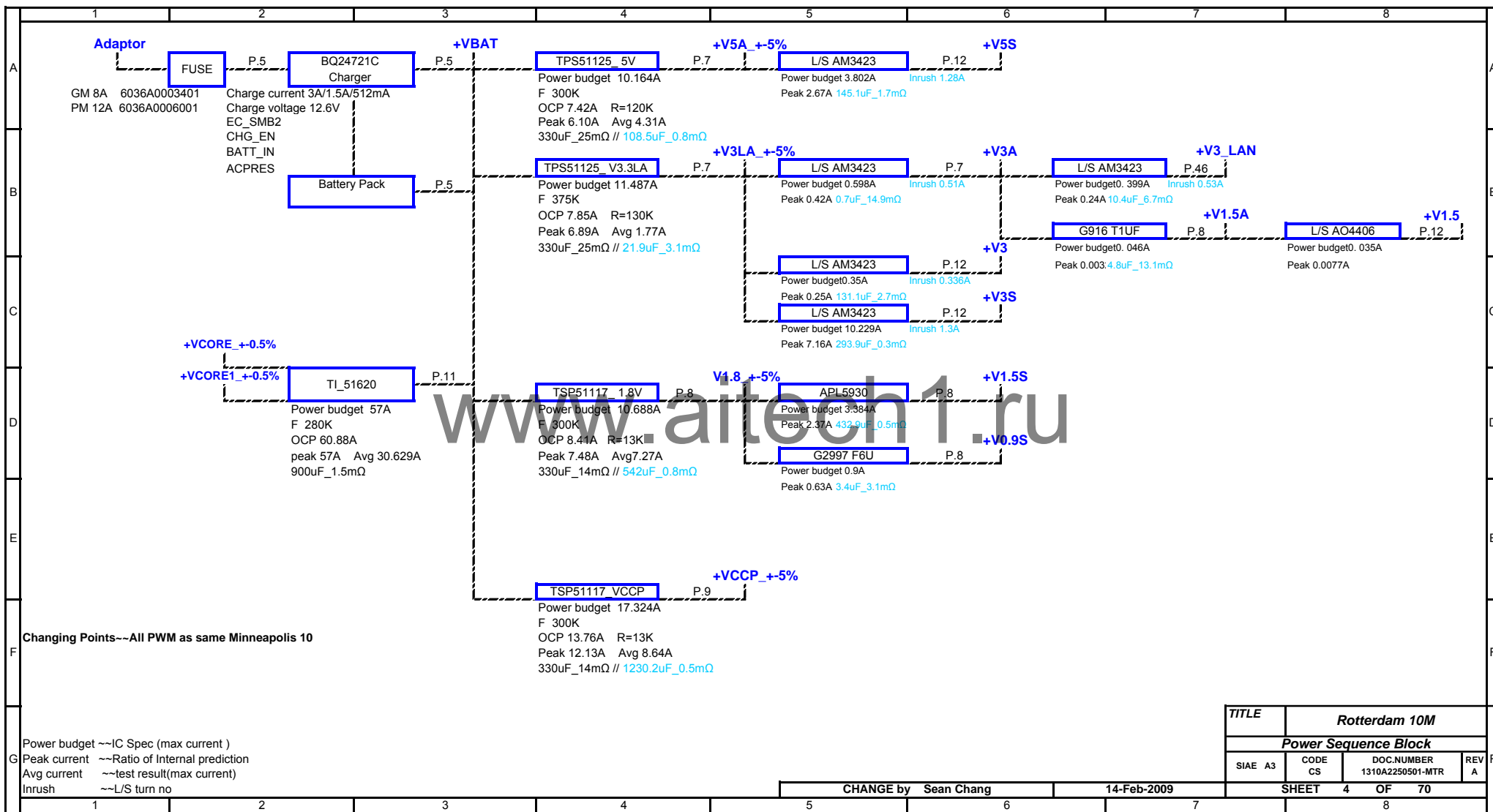
TITLE **Rotterdam10M**

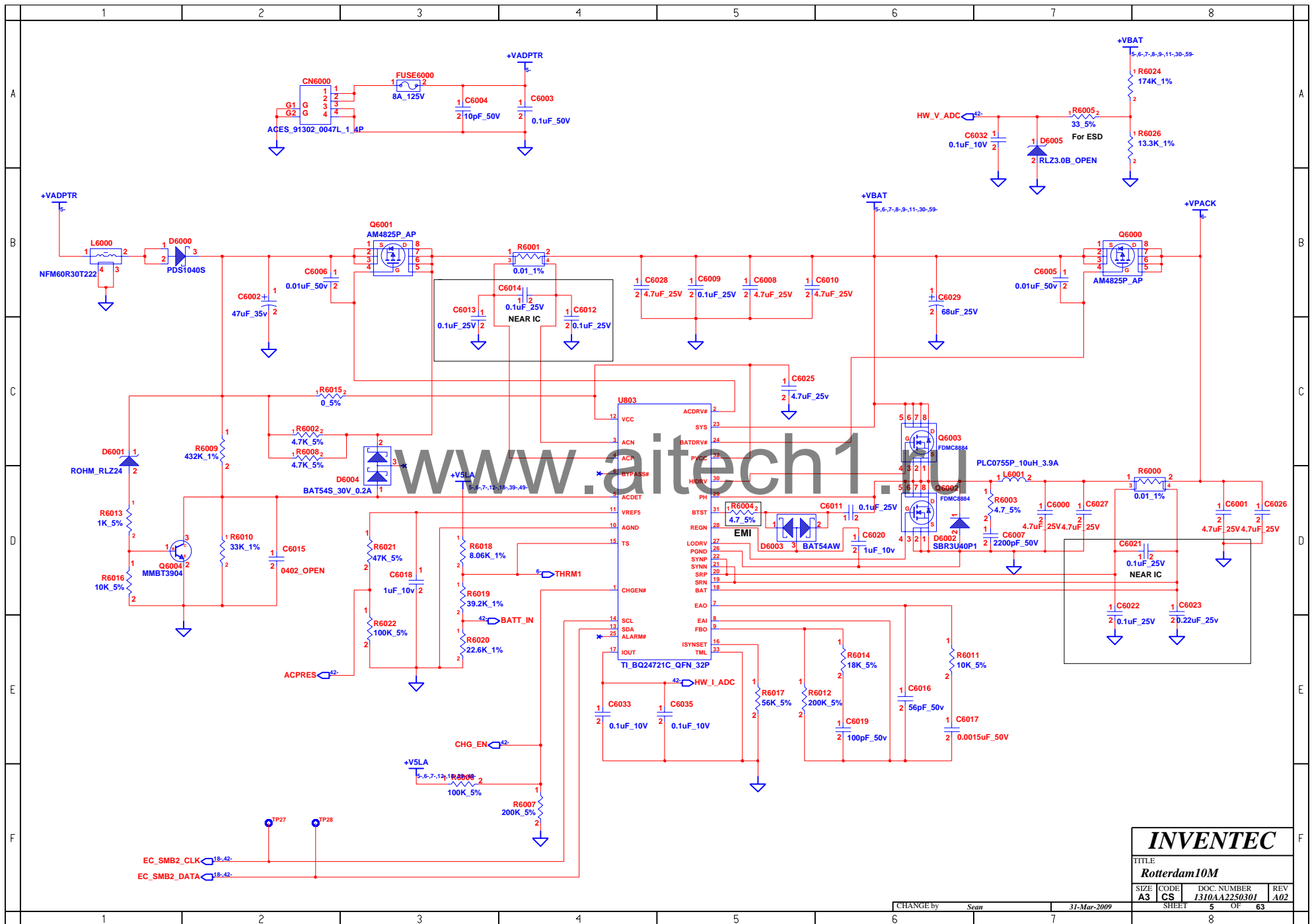
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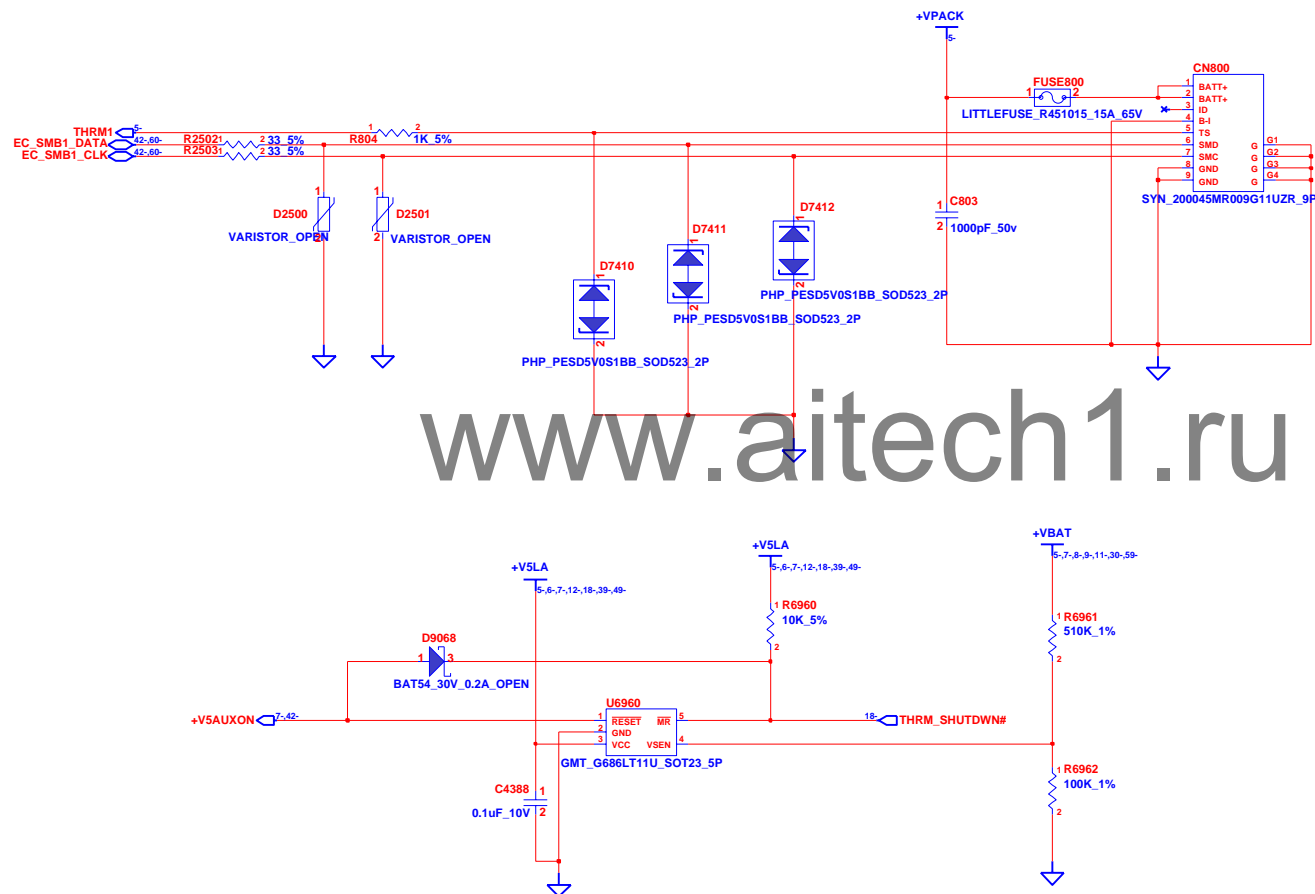
CHANGE by *Sean* 31-Mar-2009



INVENTEC			
TITLE Rotterdam10M			
SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
CHANGE by Sean		31-Mar-2009	SHEET 3 OF 63







INVENTEC

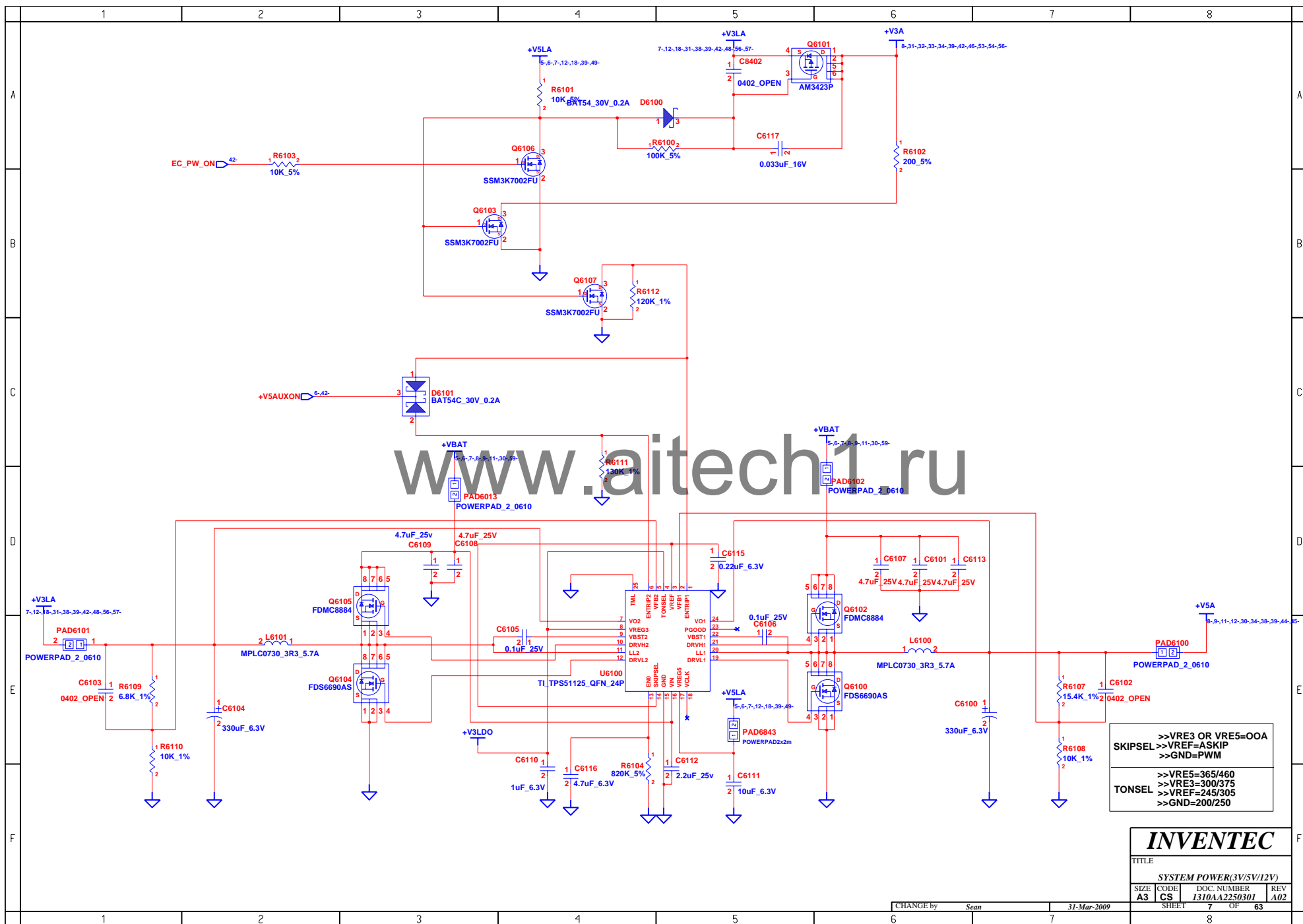
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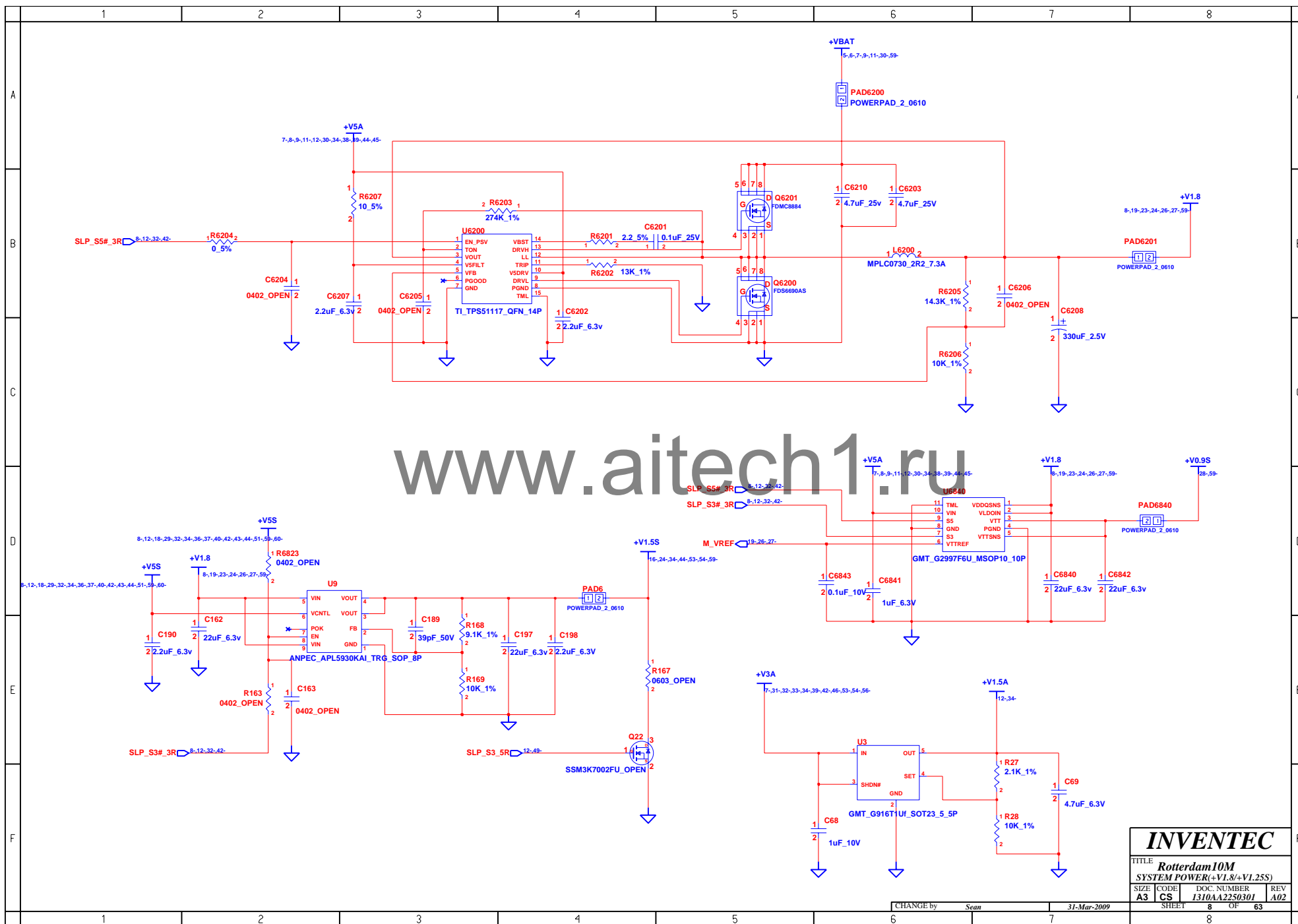
SELECT & BATTERY CONN

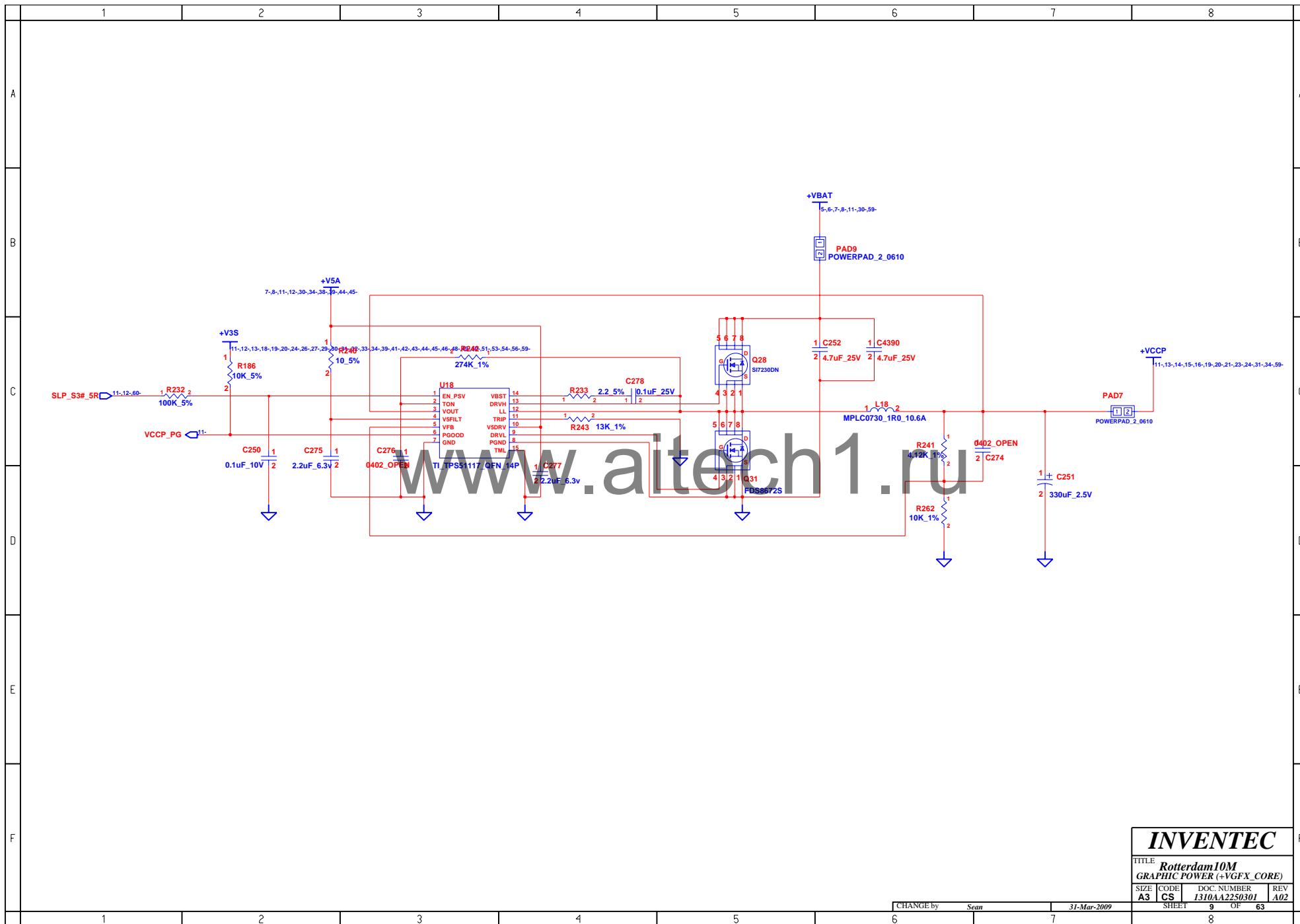
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CHANGE by Scan 31-Mar-2009

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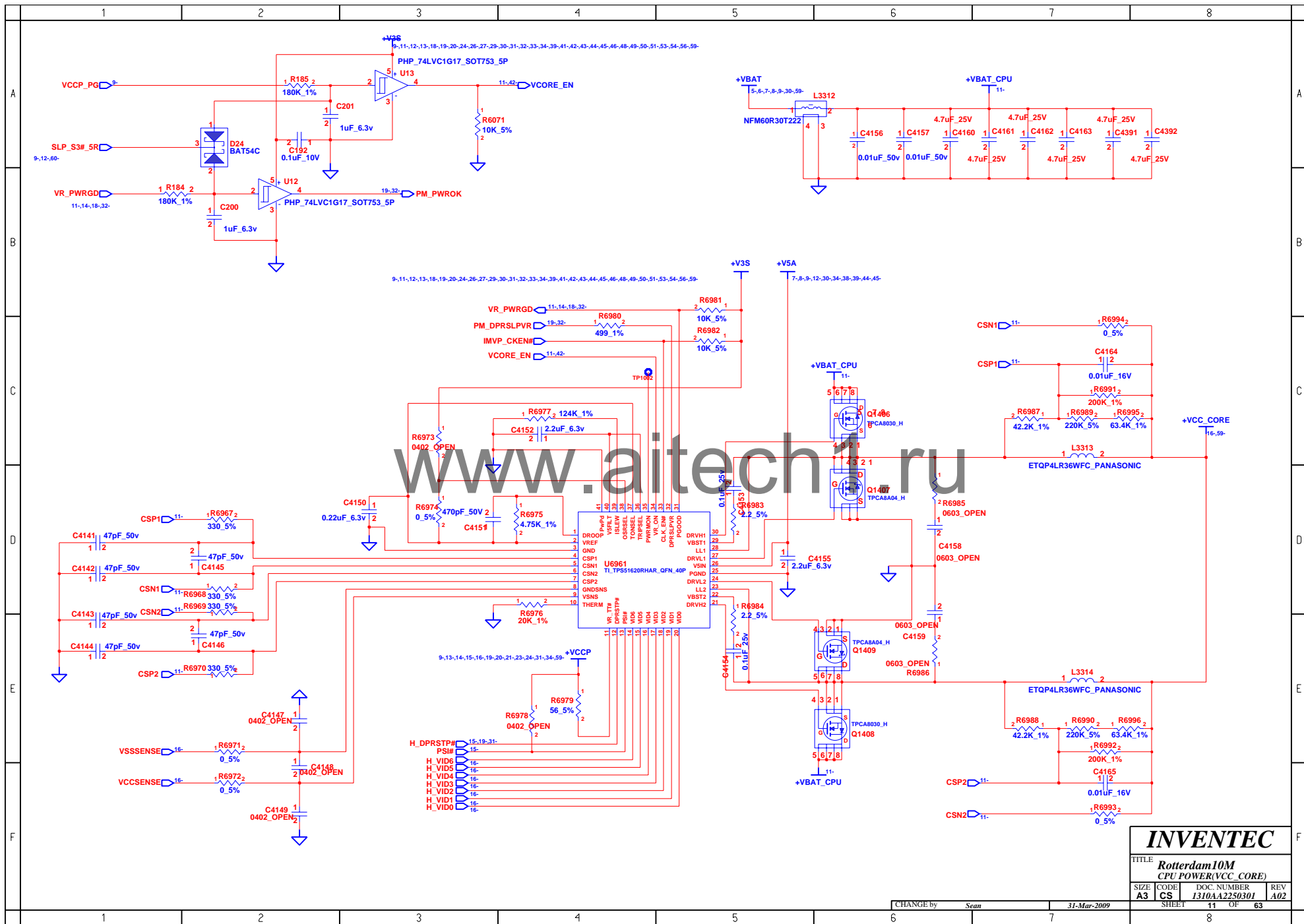




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B									B
C									C
D									D
E									E
F									F
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INVENTEC			
TITLE Rotterdam 10M			
SYSTEM POWER(+VCCP/+V1.5S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AA2250301	A02
CHANGE by		31-Mar-2009	
Scam			
SHEET		10	OF 63

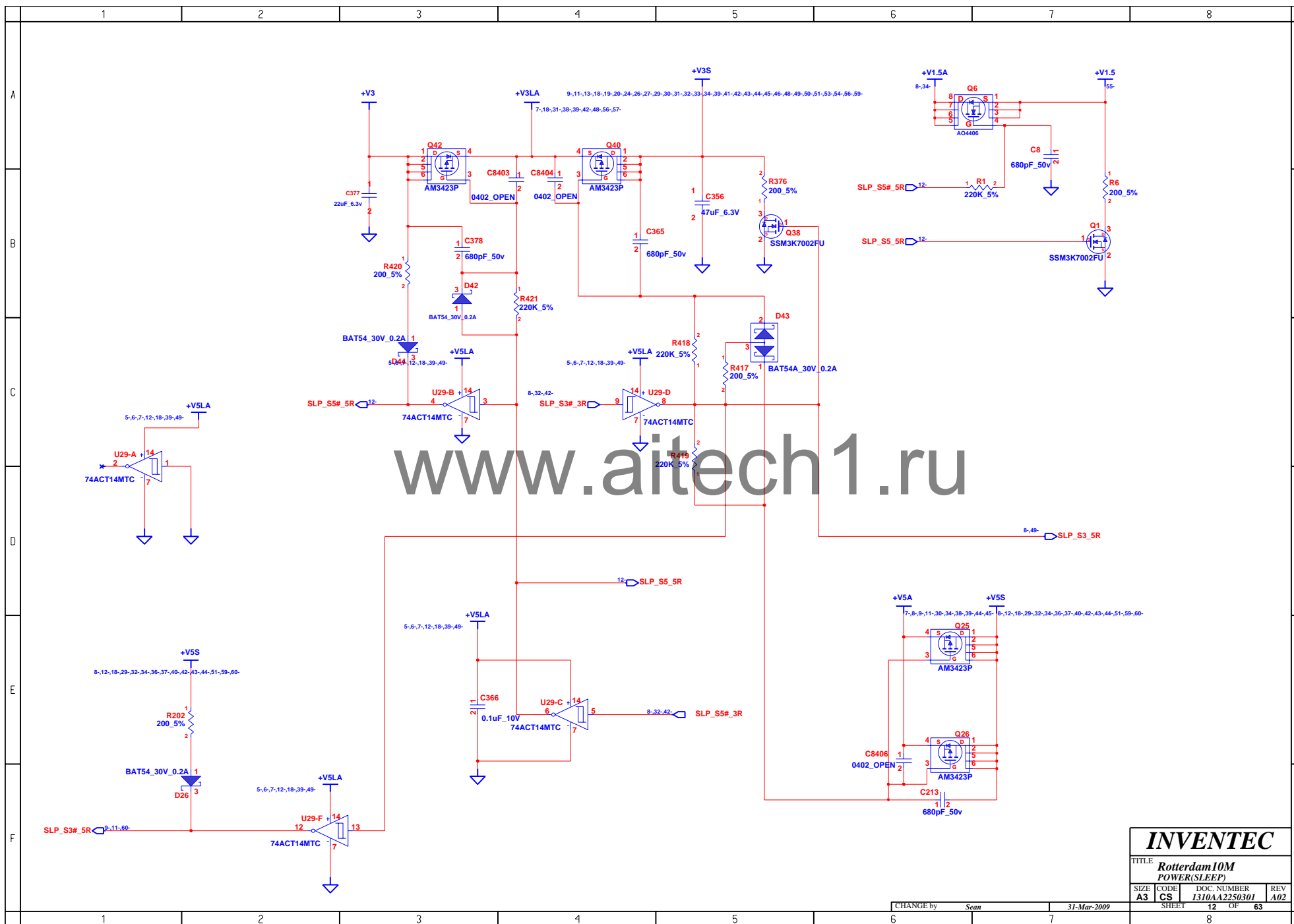


INVENTEC

TITLE			
Rotterdam 10M			
CPU POWER(VCC_CORE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AA2250301	A02

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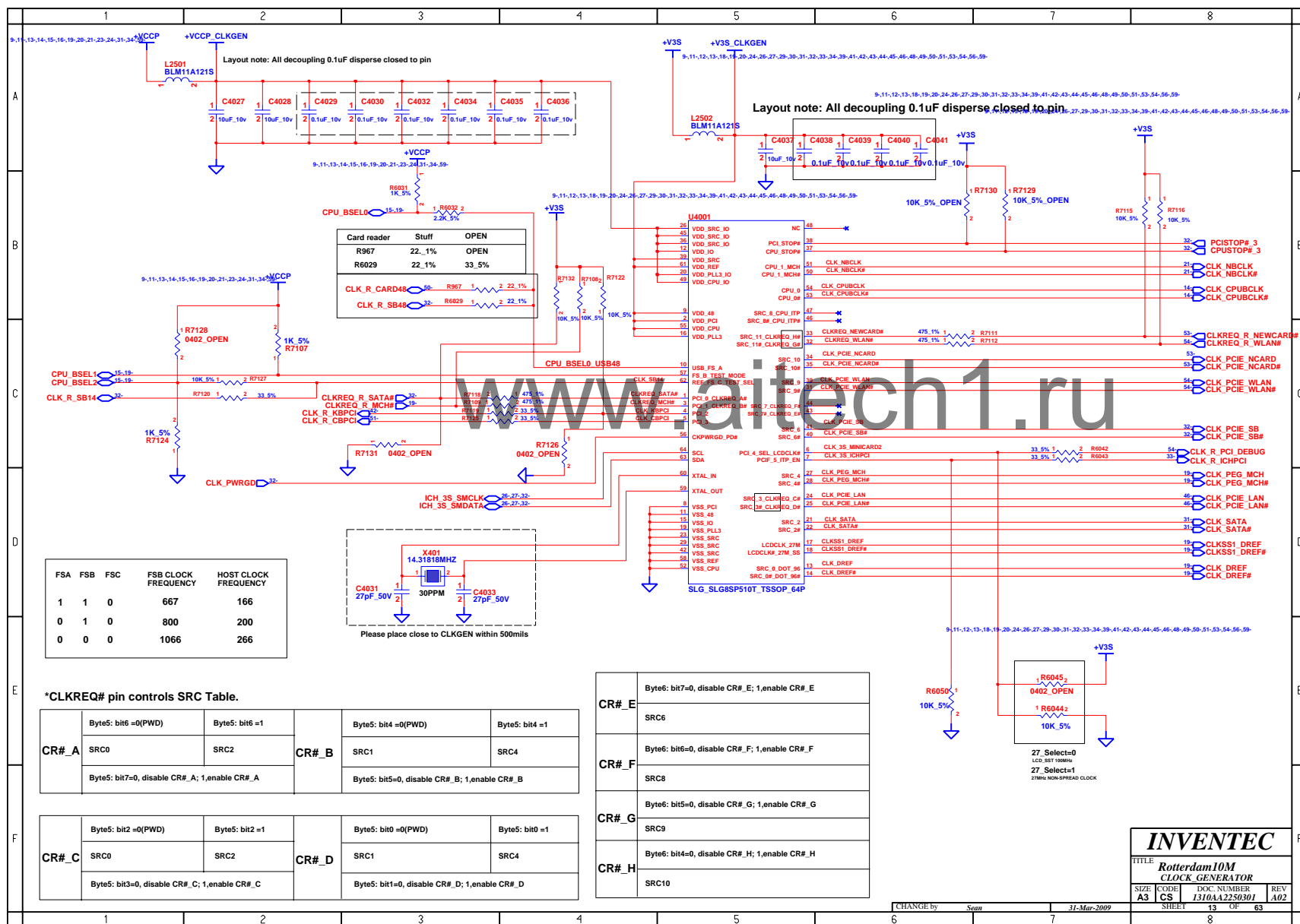
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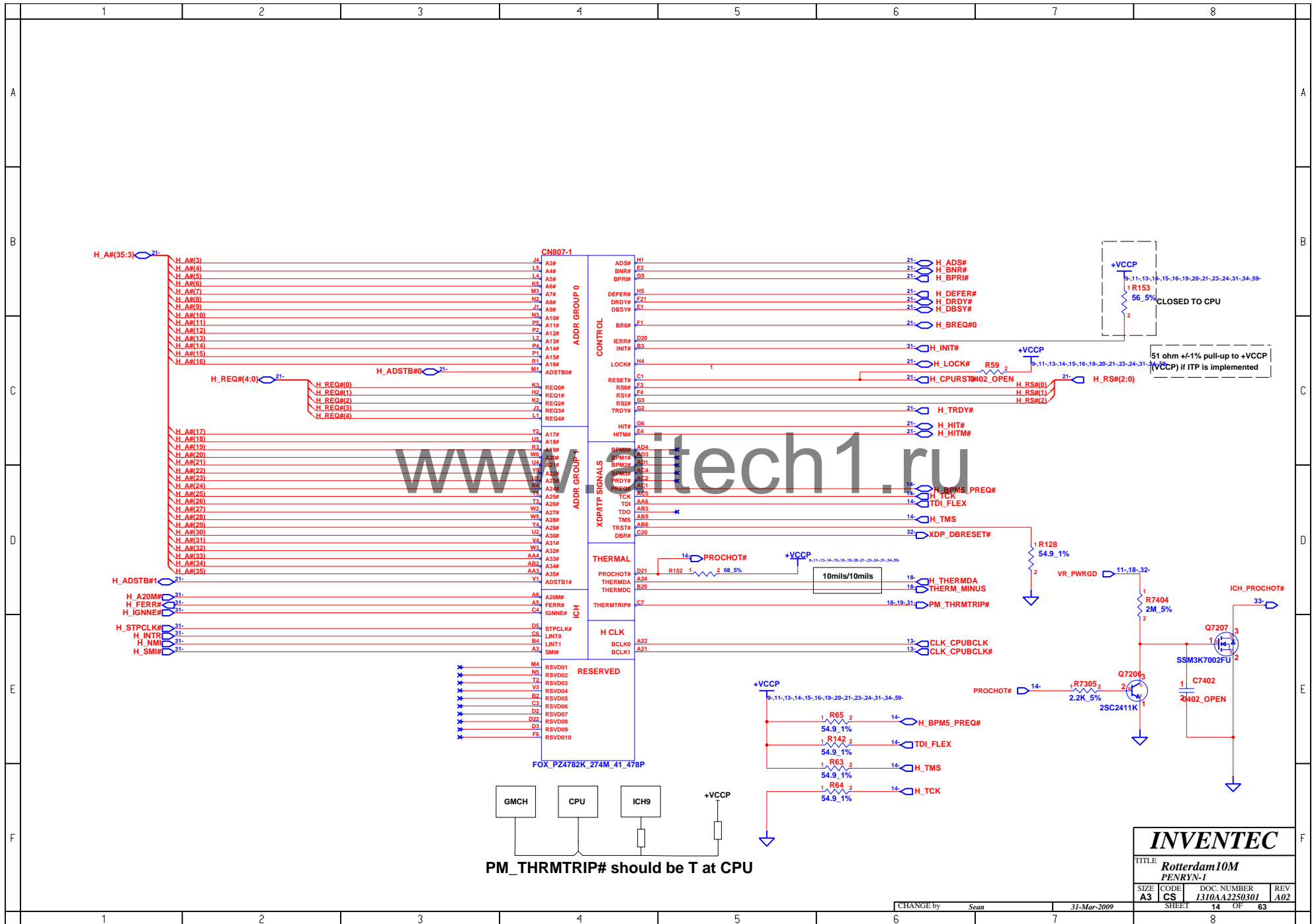
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**Rotterdam10M
POWER(SLEEP)**

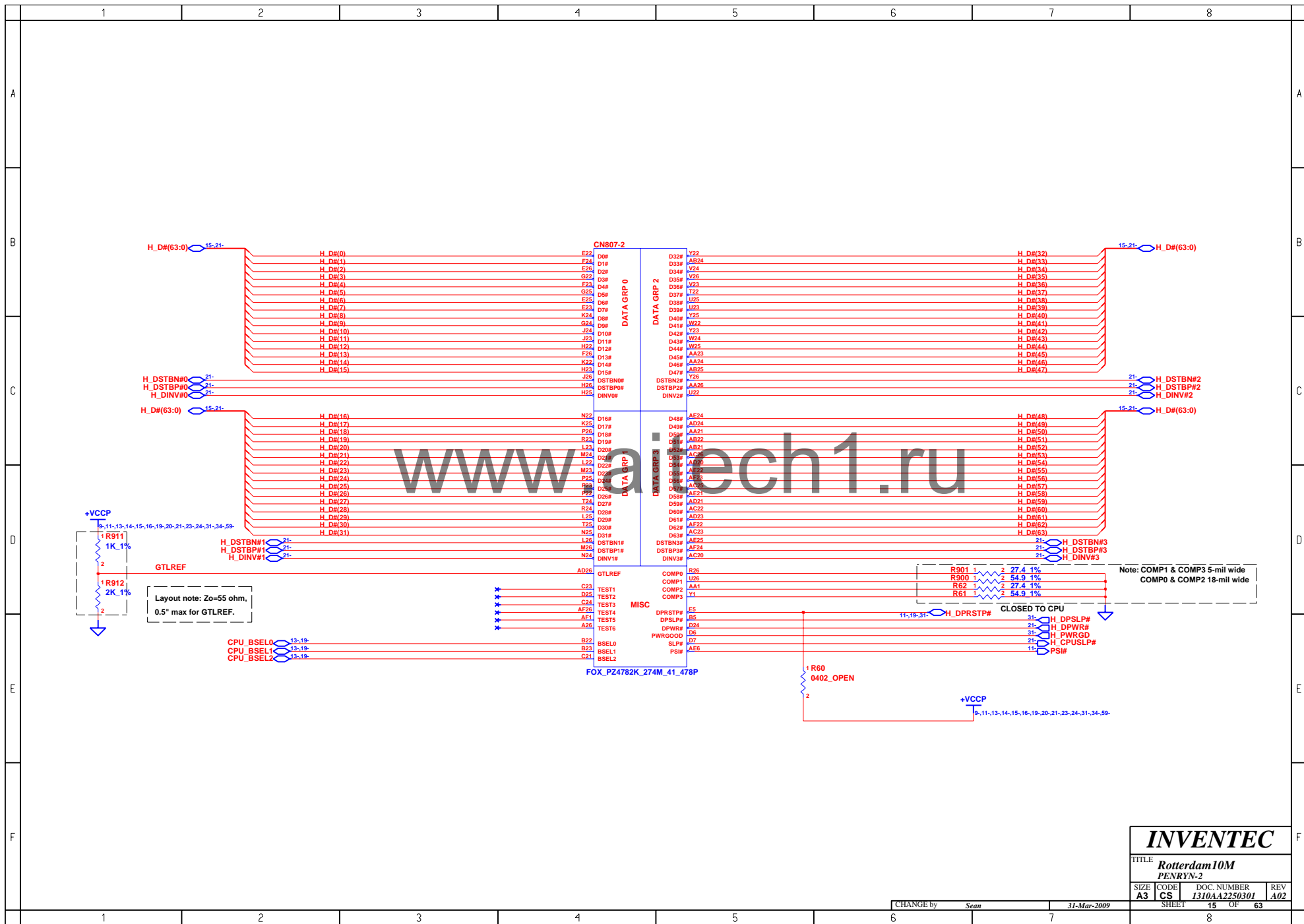
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INVENTEC

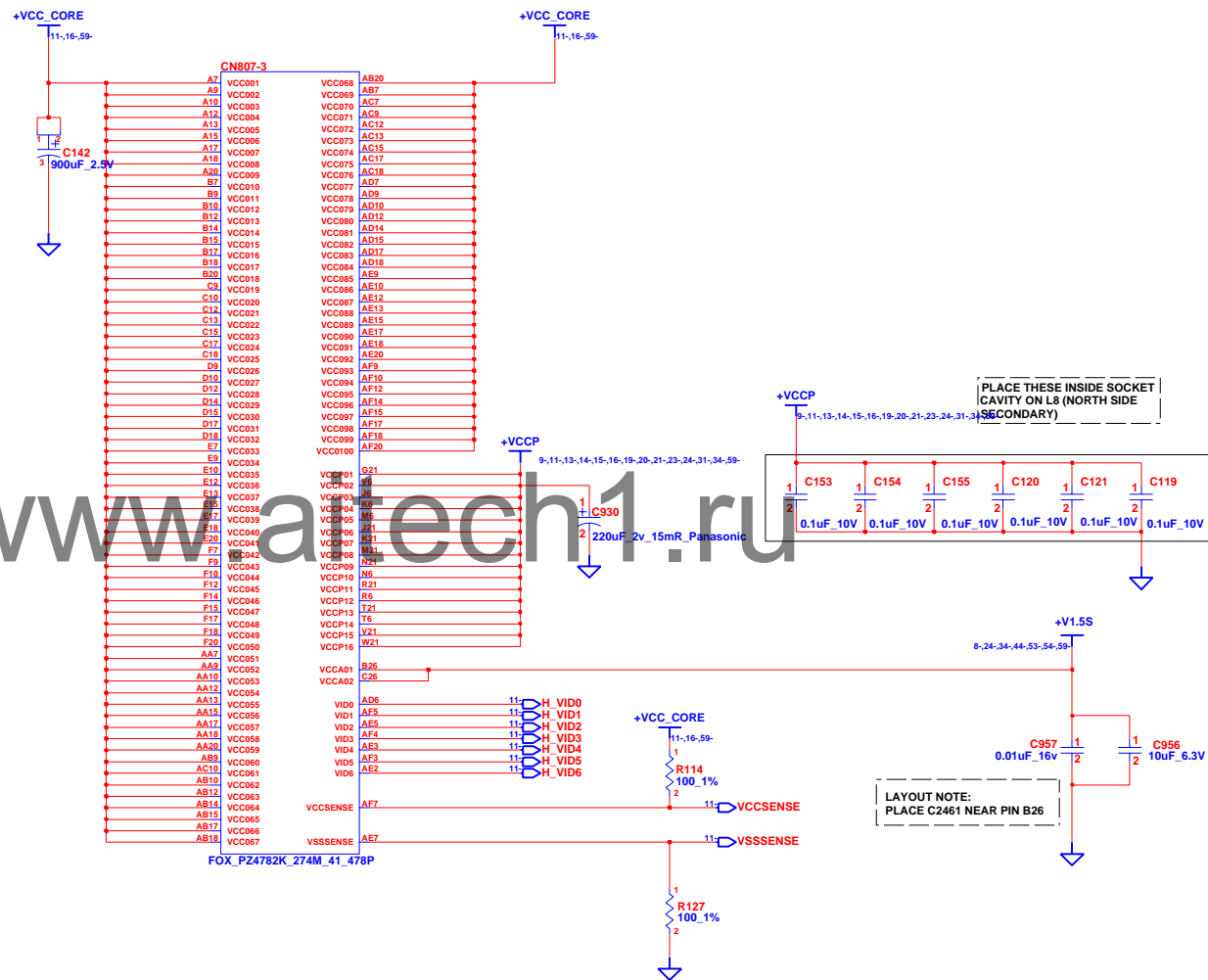
TITLE
Rotterdam10M
PENRYN-2

SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
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INVENTEC

TITLE
**Rotterdam10M
PENRYN-3**

SIZE CODE DOC. NUMBER REV
A3 CS 1310AA2250301 A02

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C									C
D									D
E									E
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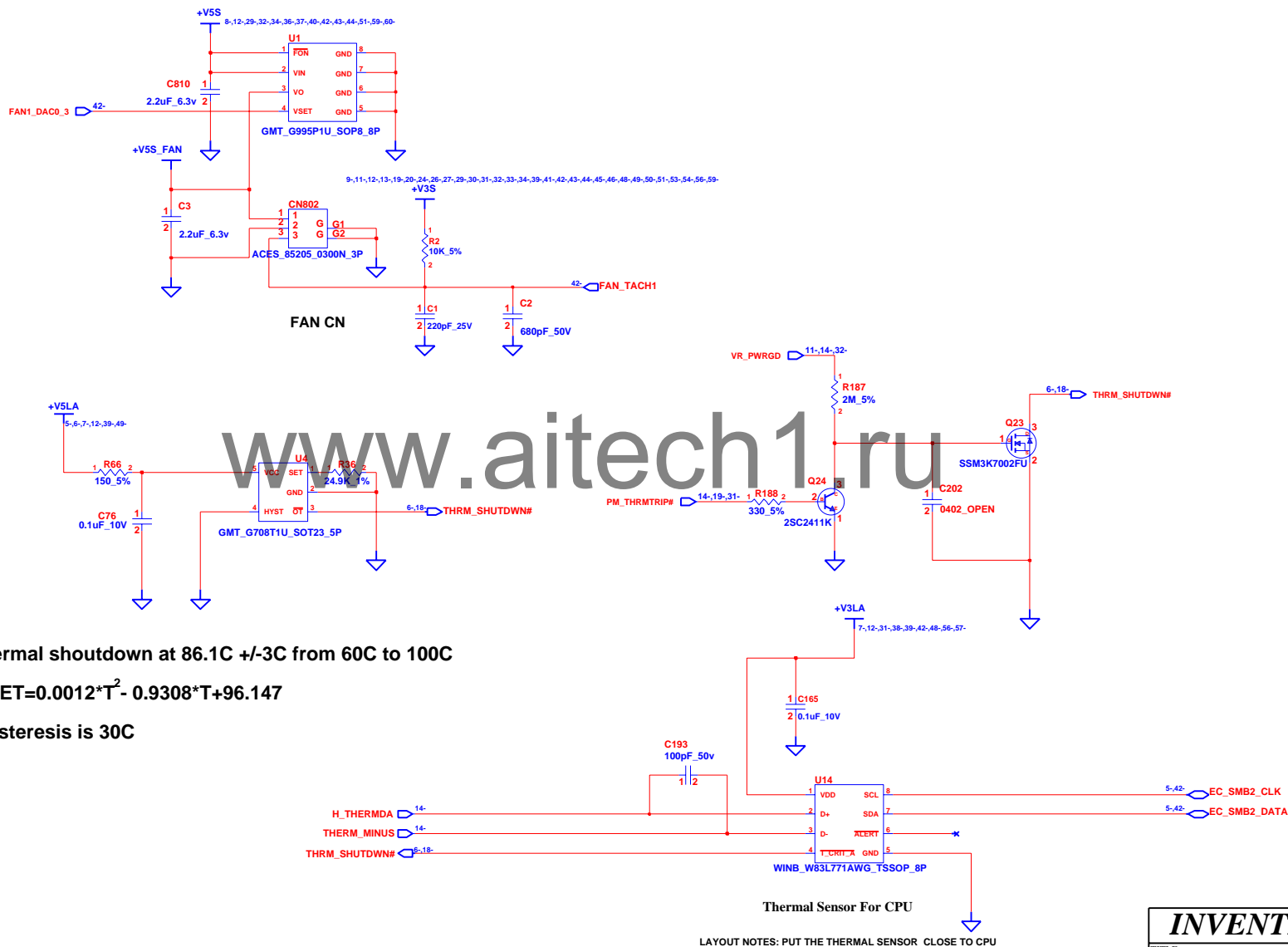
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TITLE
Rotterdam10M
PENRYN-4

SIZE A3	CODE CS	DOC. NUMBER 1310AA2250301	REV A02
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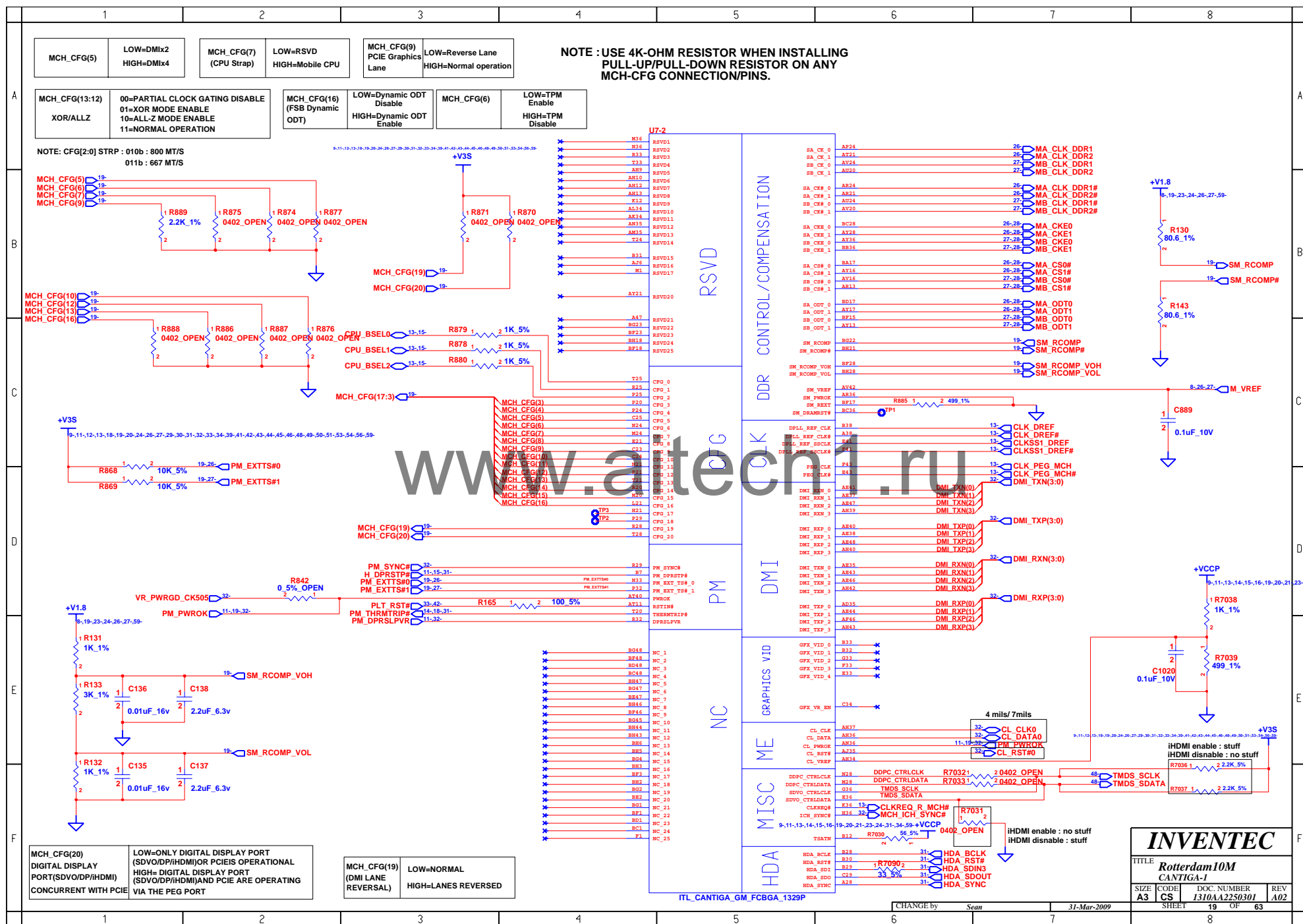
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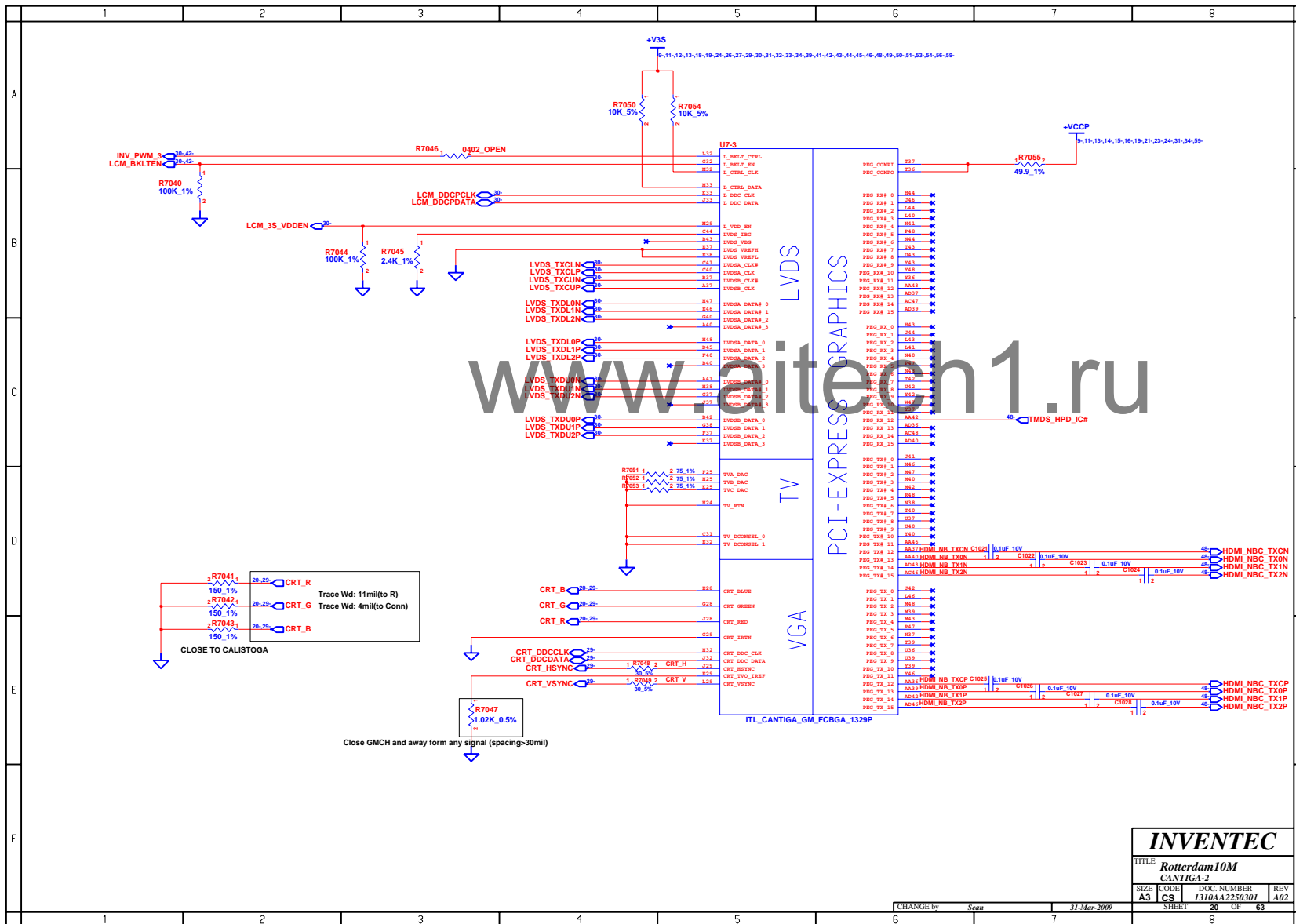
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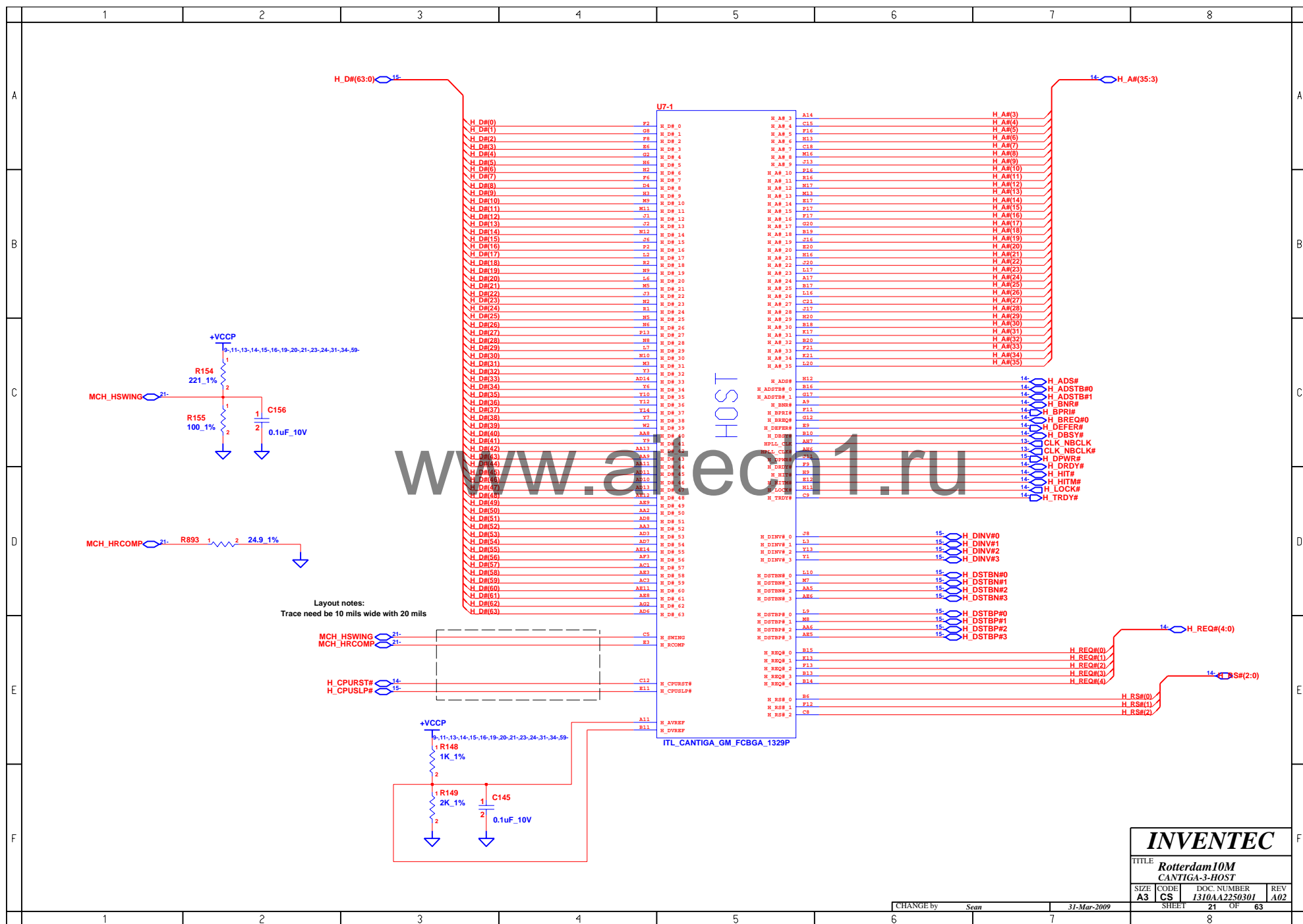


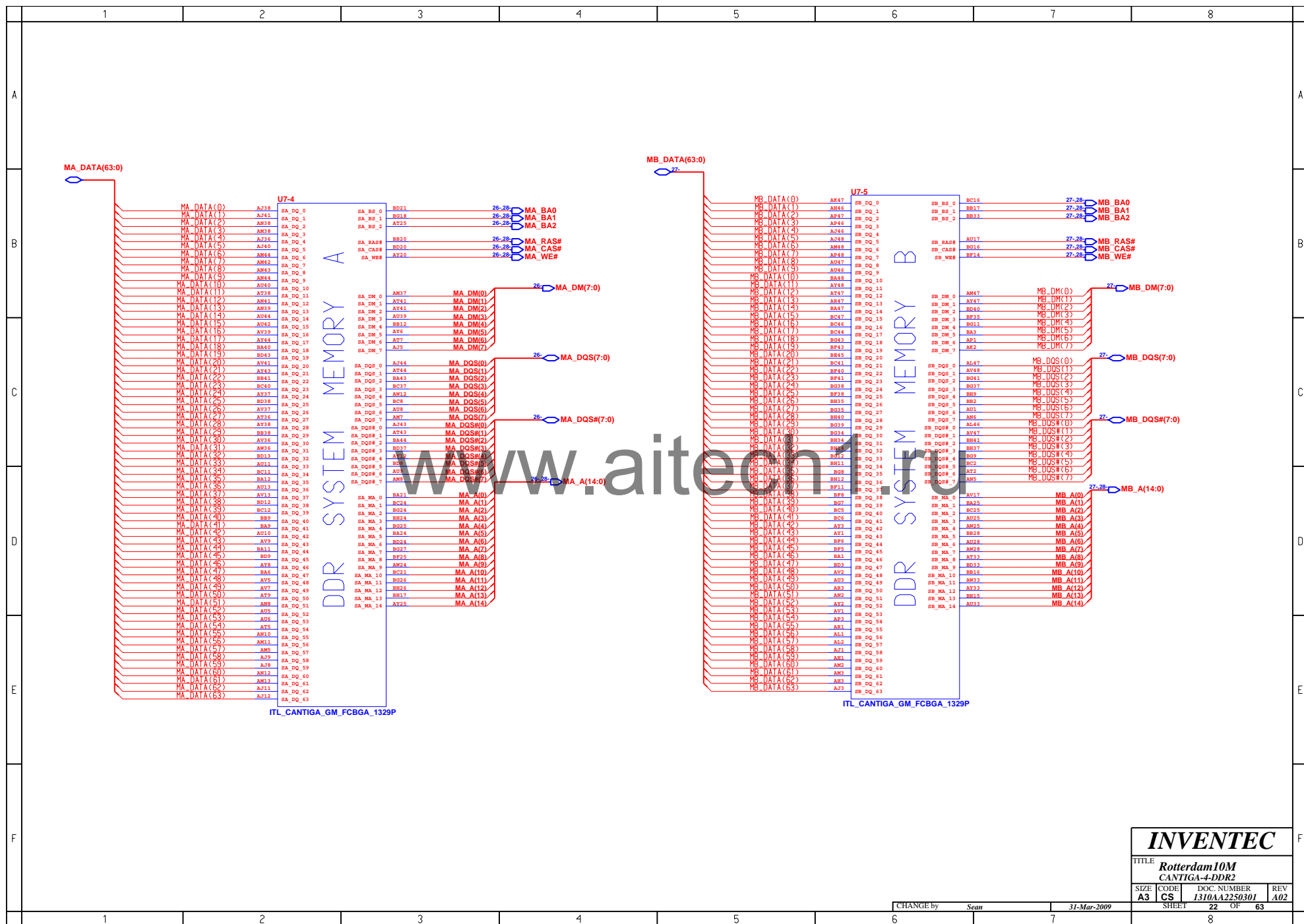
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SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
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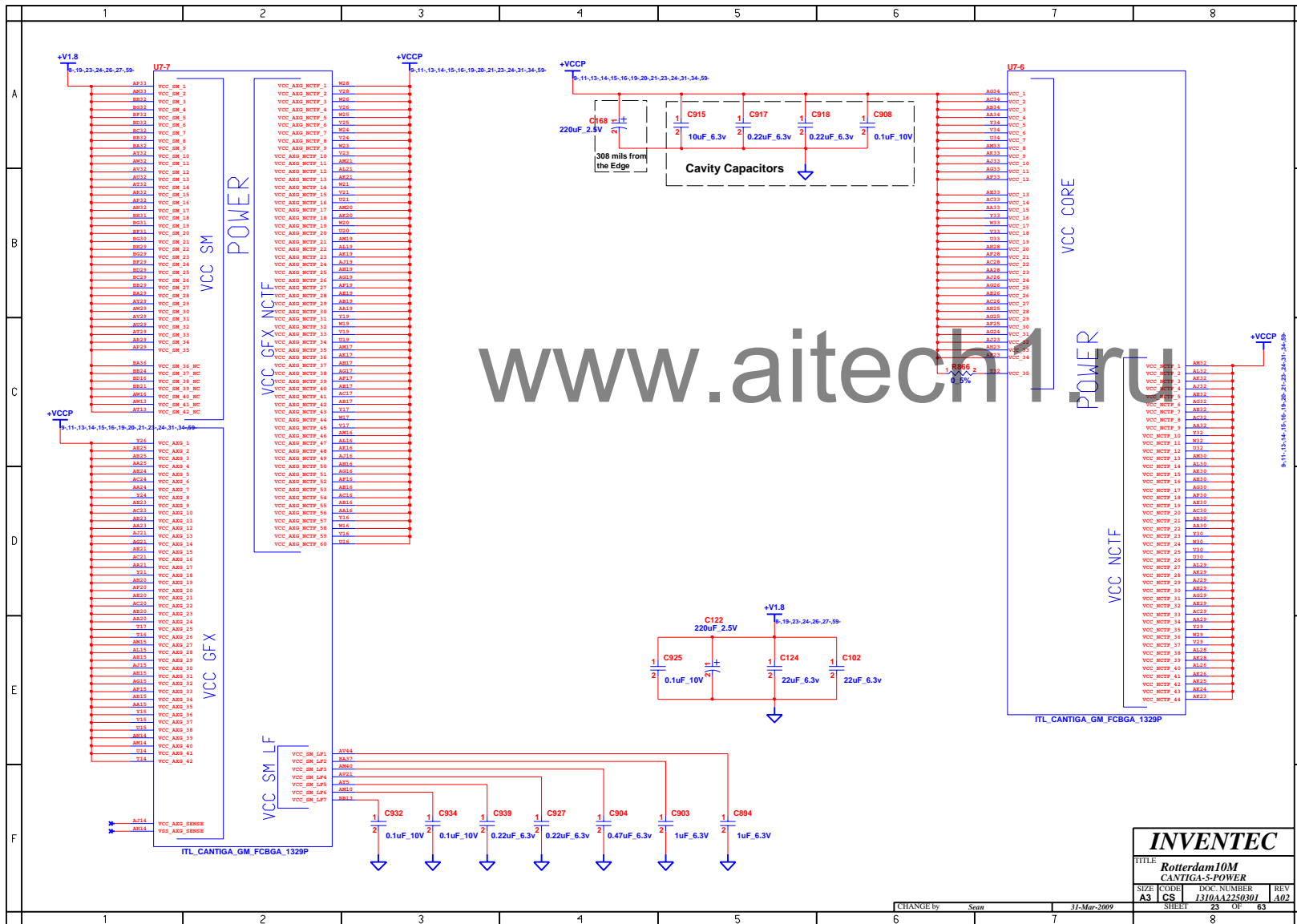


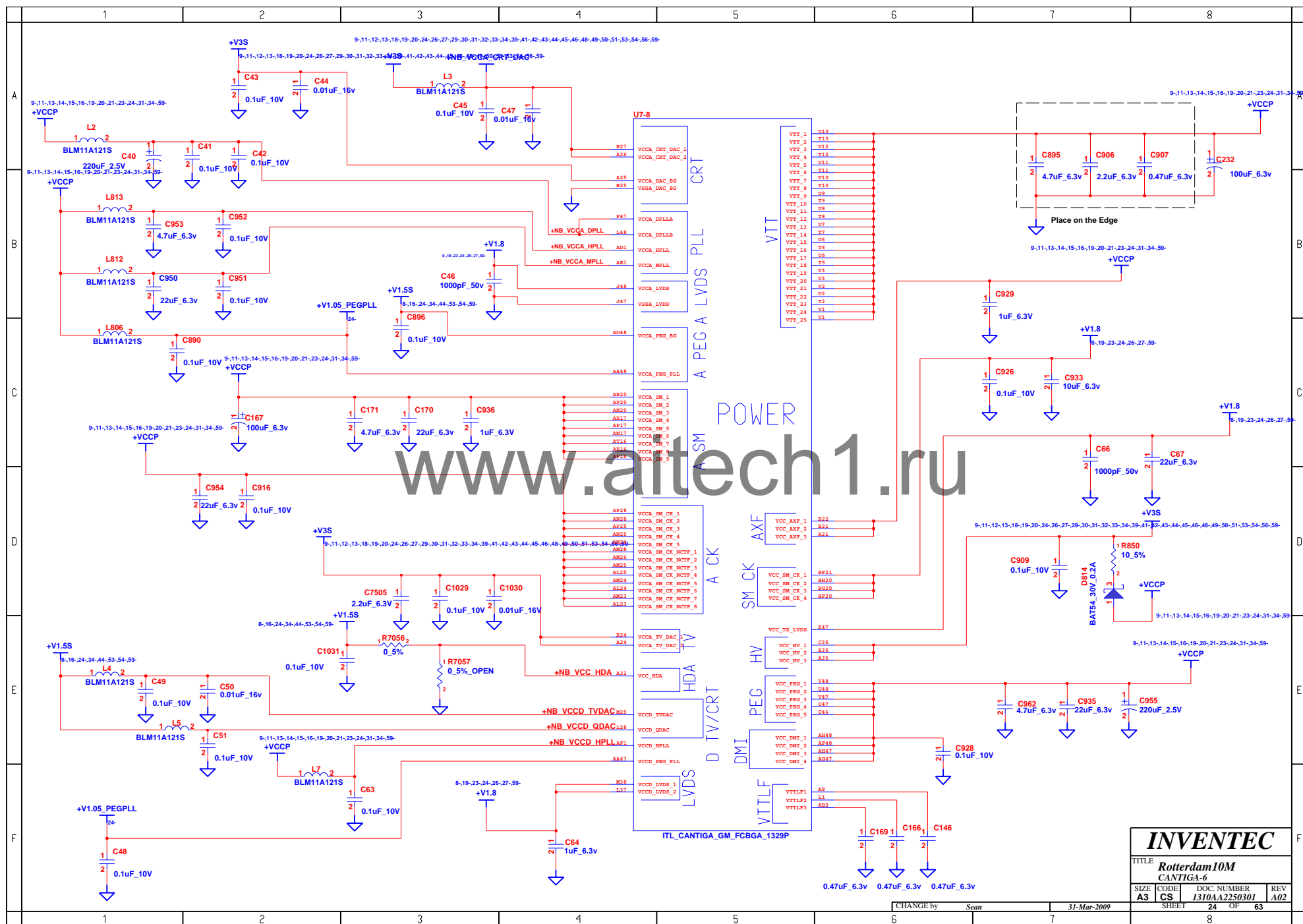




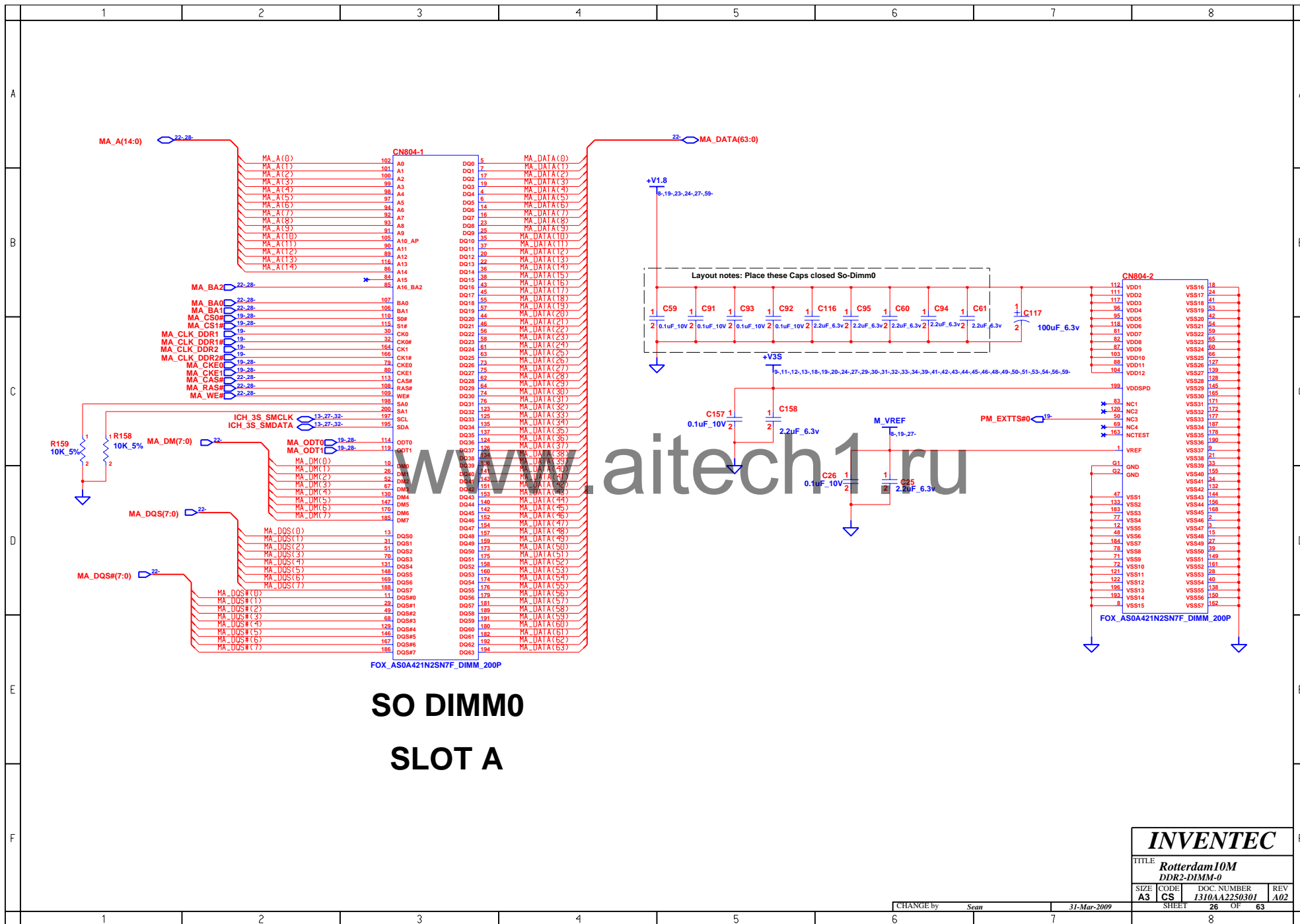


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B																								
C																								
D																								
E																								
F																								
								<table> <tr> <th colspan="4">INVENTEC</th> </tr> <tr> <th colspan="4">TITLE Rotterdam10M CANTIGA-7</th> </tr> <tr> <th>SIZE</th><th>CODE</th><th>DOC. NUMBER</th><th>REV</th> </tr> <tr> <td>A3</td><td>CS</td><td>I310AA2250301</td><td>A02</td> </tr> </table>	INVENTEC				TITLE Rotterdam10M CANTIGA-7				SIZE	CODE	DOC. NUMBER	REV	A3	CS	I310AA2250301	A02
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TITLE Rotterdam10M CANTIGA-7																								
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A3	CS	I310AA2250301	A02																					
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CHANGE by		Scan	31-Mar-2009																					
SHEET	25	OF	63																					



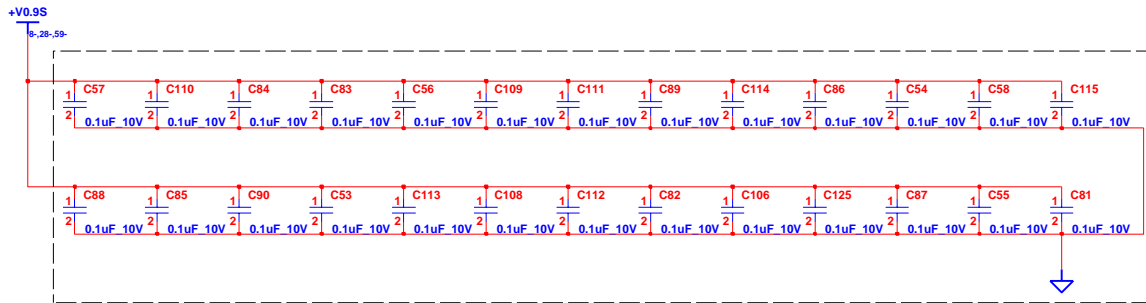
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DDR2-DIMM-0**

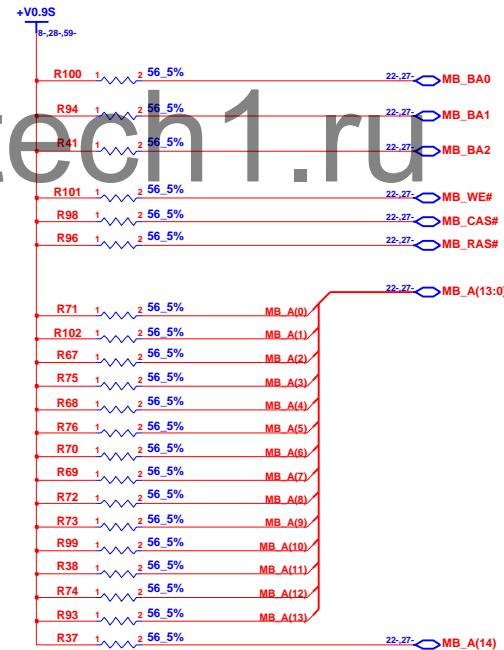
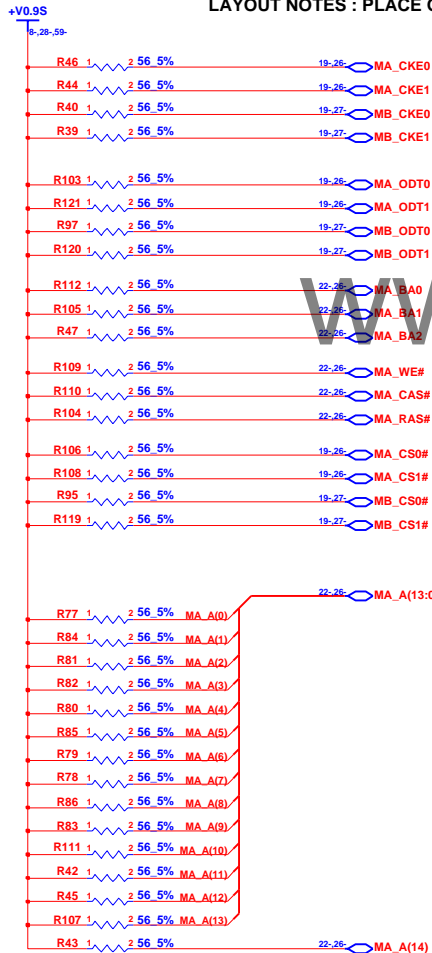
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A3 CS 1310AA2250301 A02

CHANGE by Scan 31-Mar-2009

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LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.9S



INVENTEC

TITLE
Rotterdam10M
DDR2-DAMPING

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AA2250301	A02

CHANGE by *Seam* 27-Sep-2003

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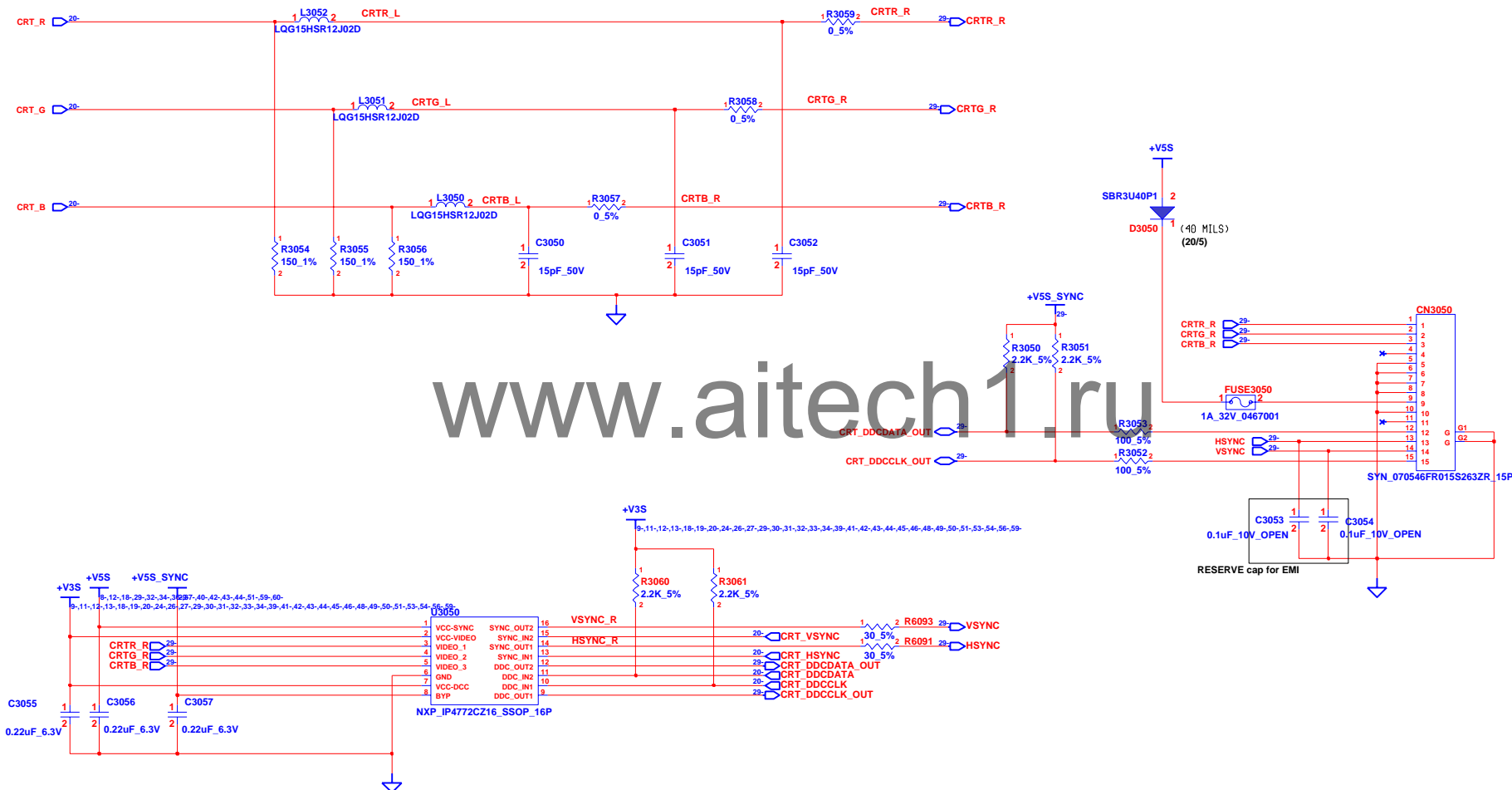
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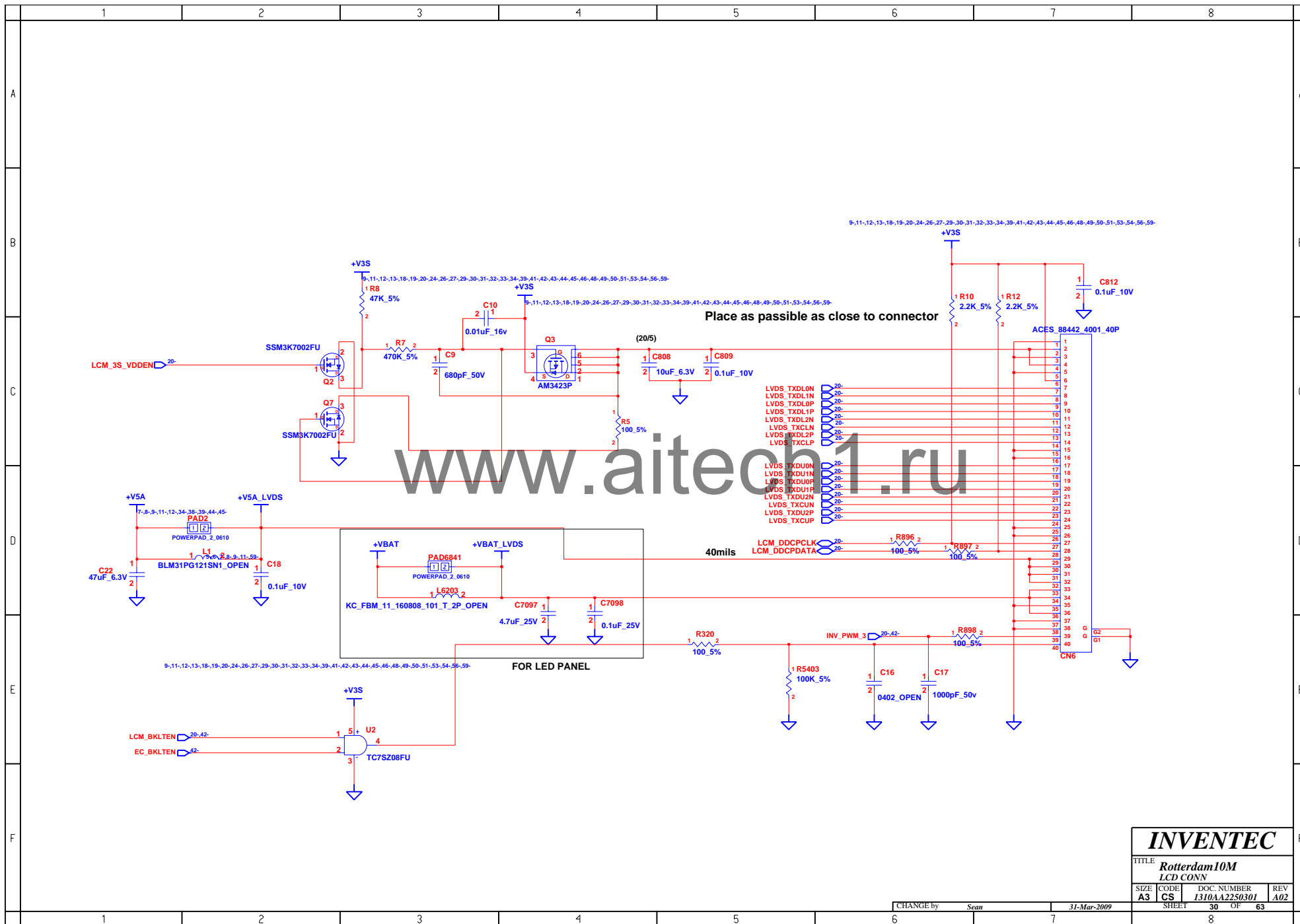
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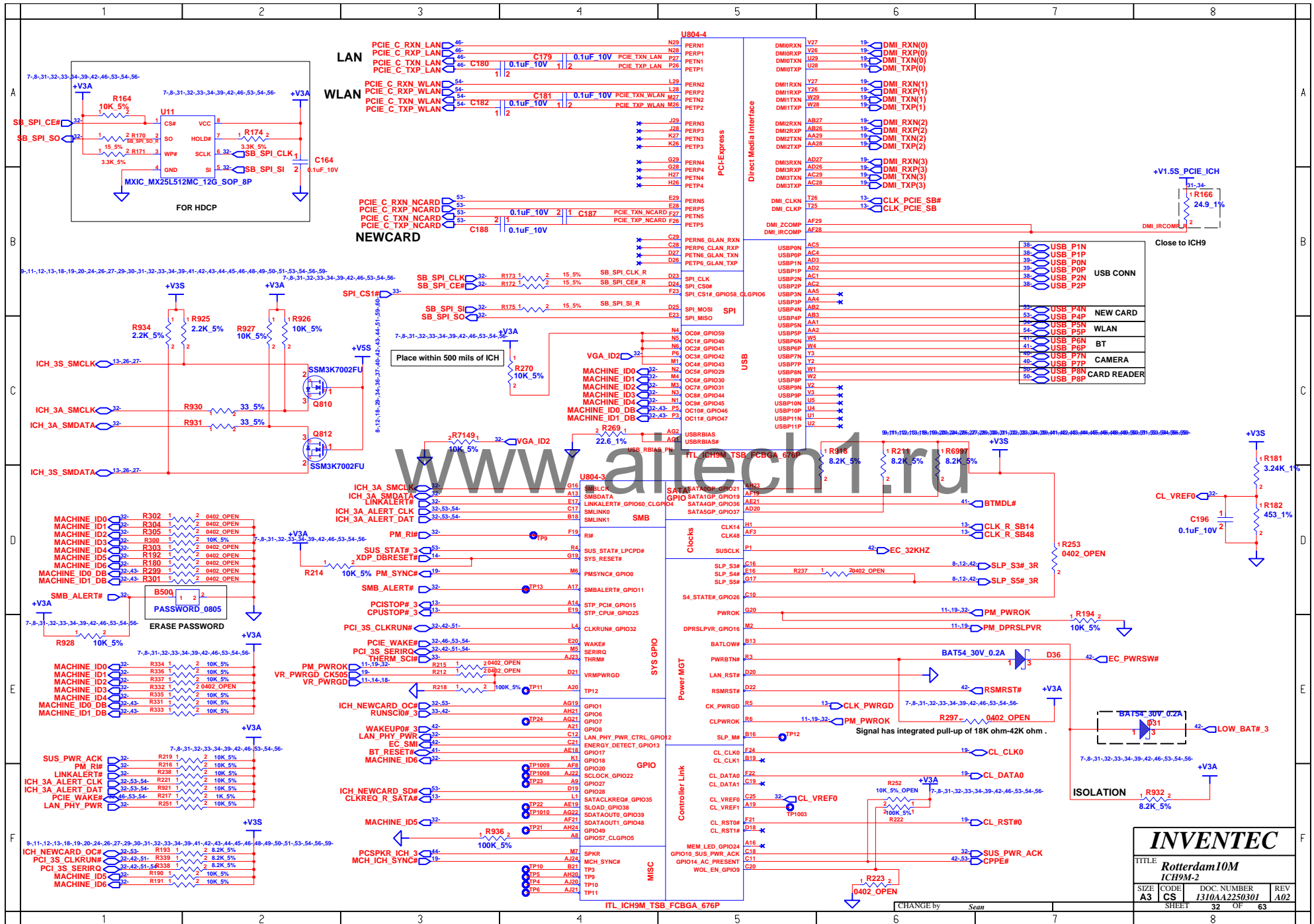
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Rotterdam10M CRT CONN			
SIZE	CODE	DOC. NUMBER	REV
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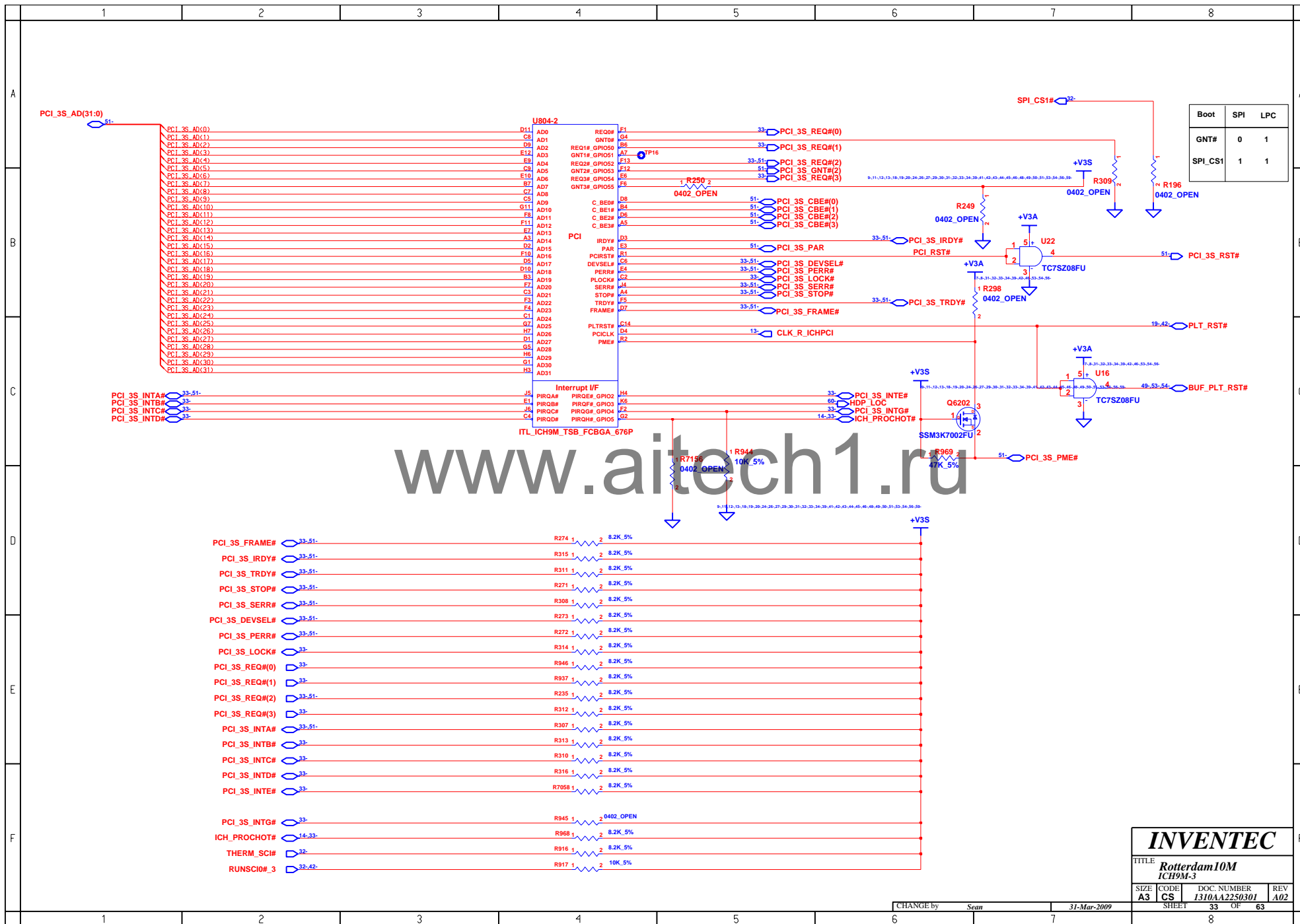
CHANGE by Scan 31-Mar-2009

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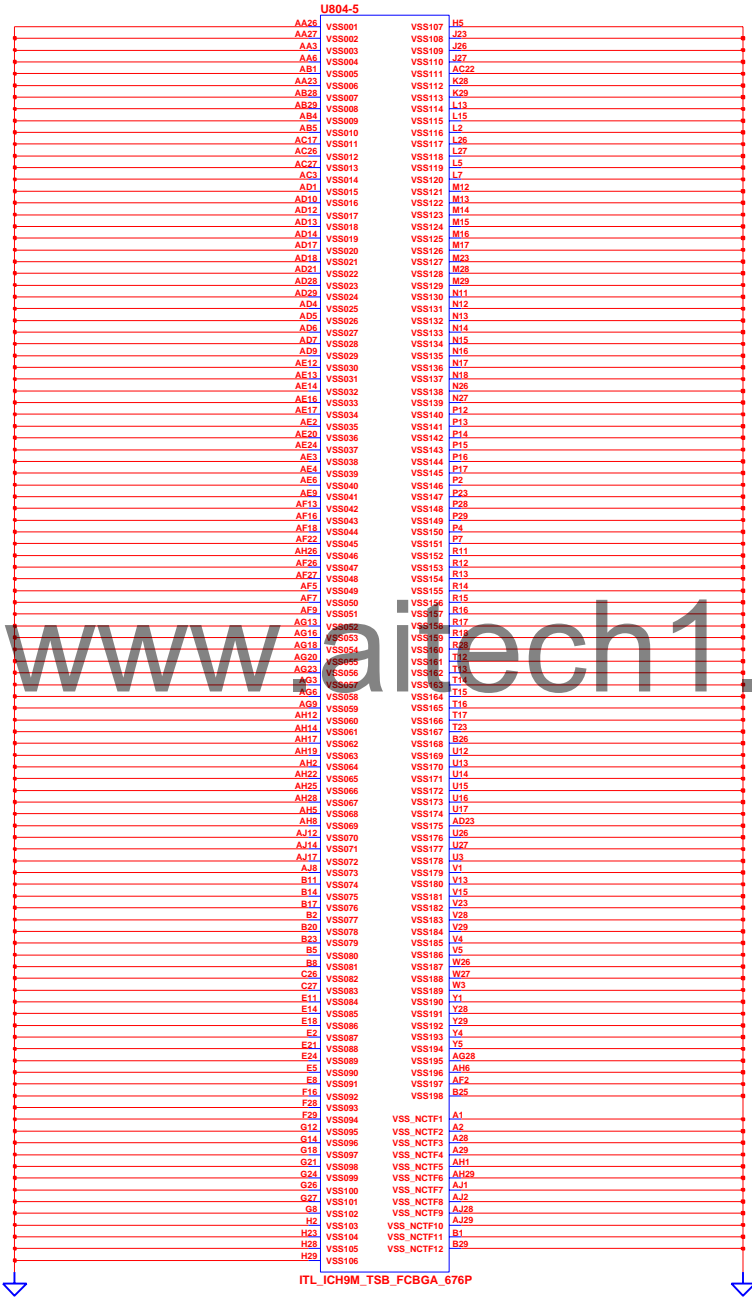








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C									C
D									D
E									E
F									F

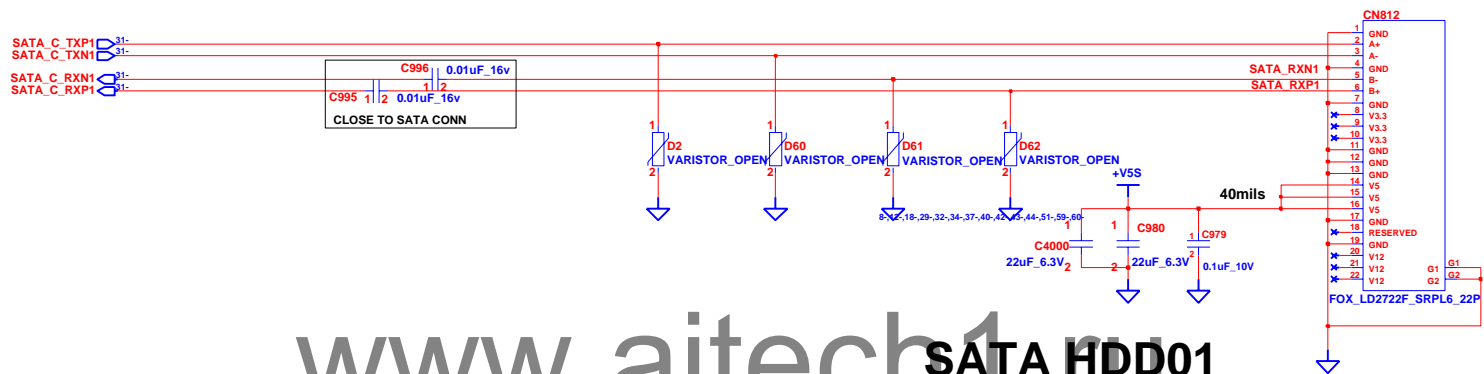


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TITLE
Rotterdam10M
ICH9M-5

SIZE A3	CODE CS	DOC. NUMBER 1310AA2250301	REV A02
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SATA HDD01

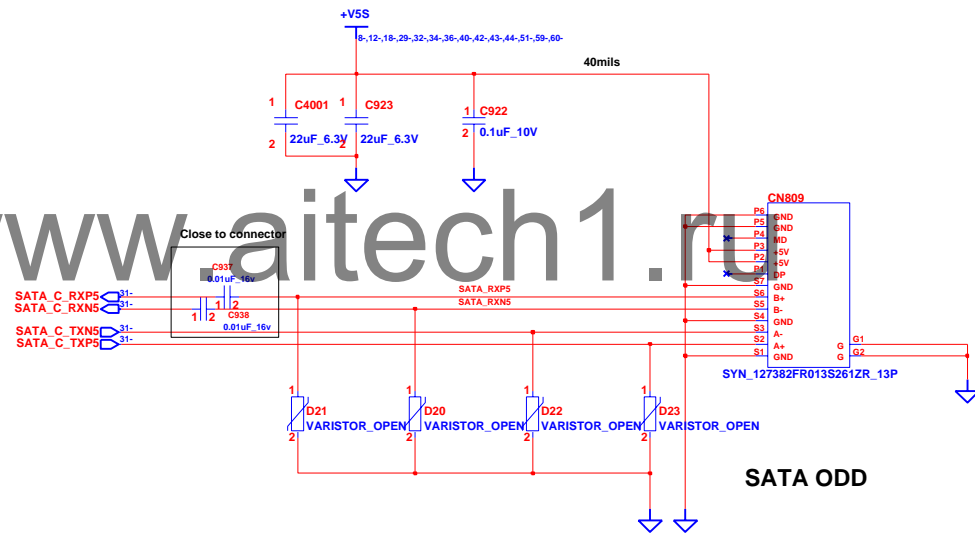
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TITLE			
Rotterdam10M			
HDD CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AA2250301	A02

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SATA ODD

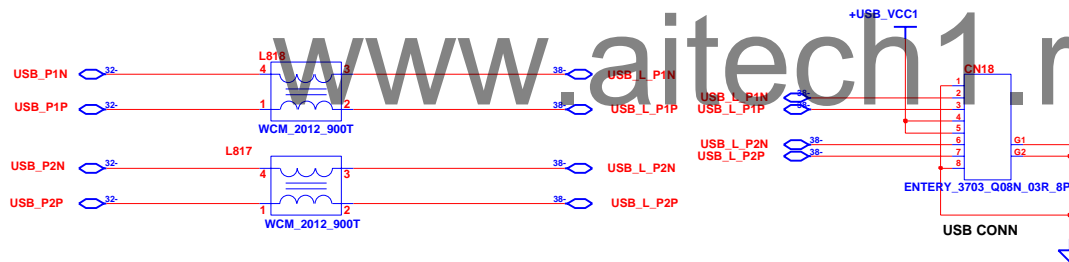
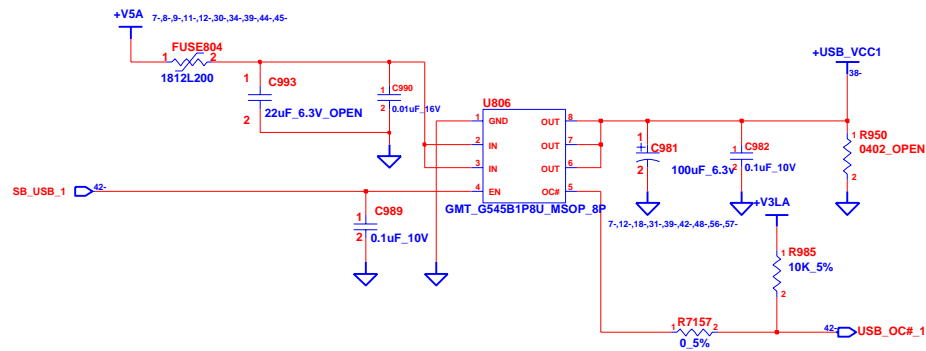
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TITLE
**Rotterdam10M
SATA ODD**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310AA2250301	A02

CHANGE by Scan 31-Mar-2009

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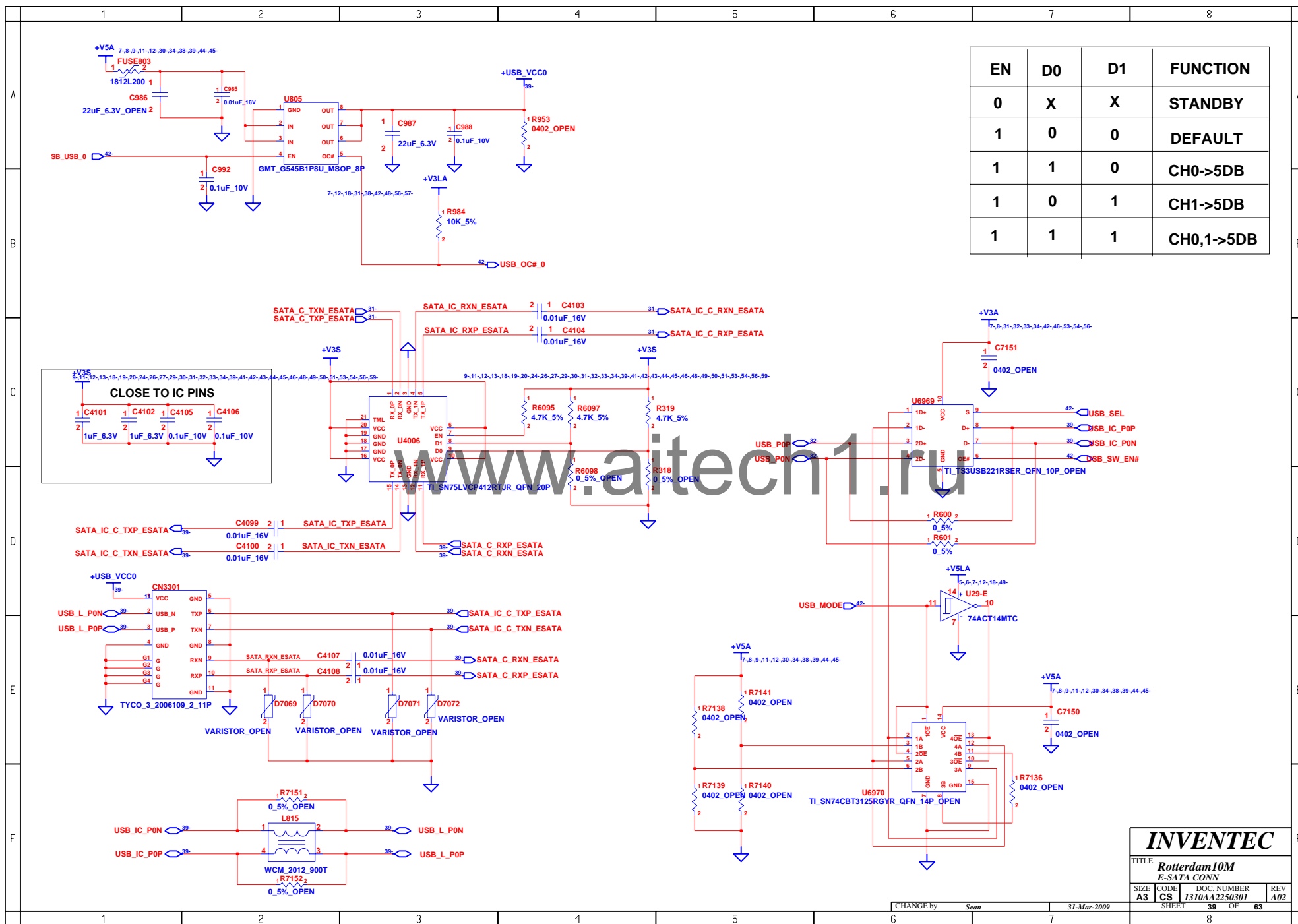
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TITLE
Rotterdam10M
USB CONN/USB(DB)

SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
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CHANGE by *Scan* 31-Mar-2009

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INVENTEC

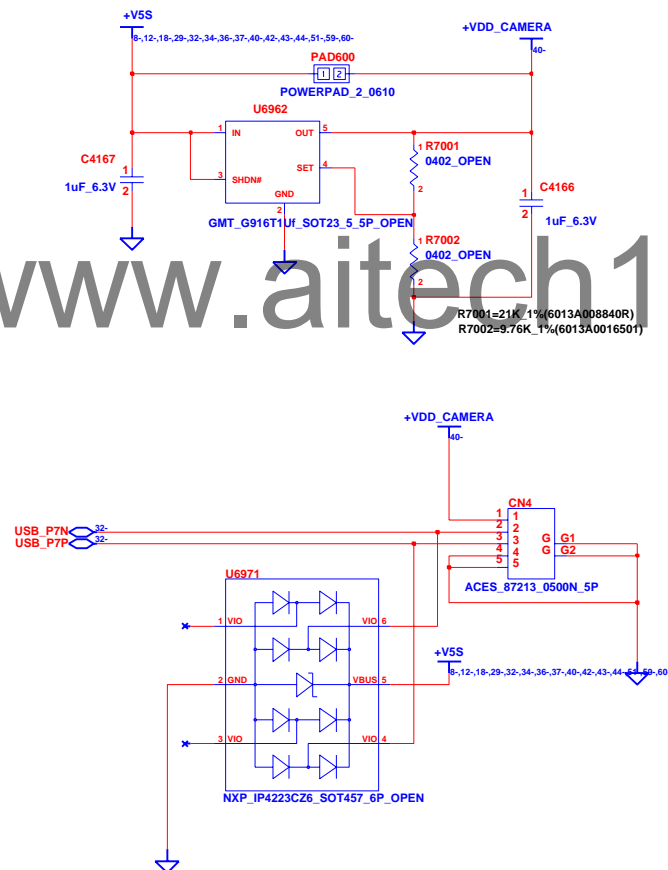
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E-SATA CONN**

SIZE CODE DOC. NUMBER REV
A3 CS 1310AA2250301 A02

CHANGE by Scan 31-Mar-2009

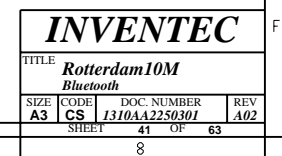
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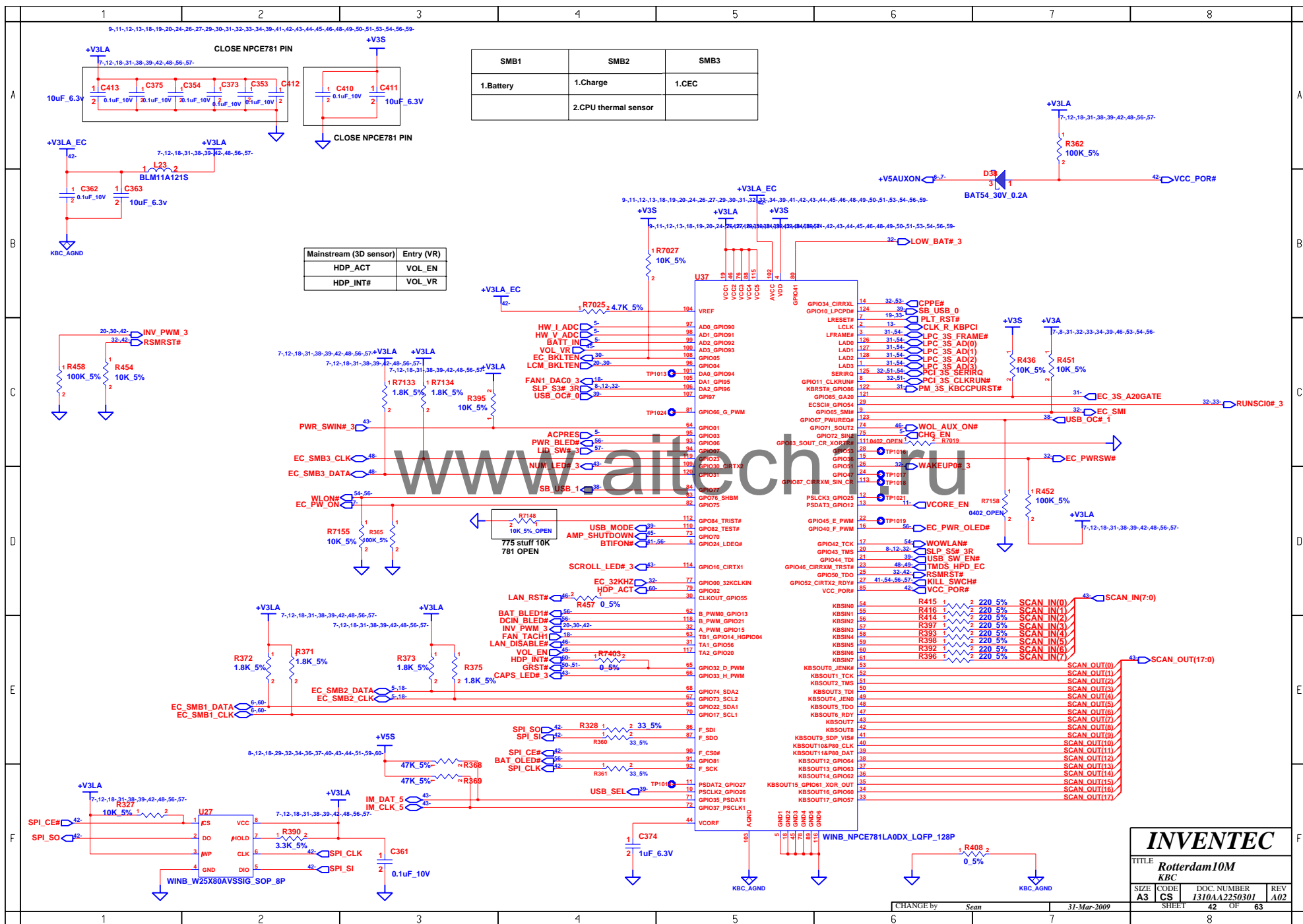
www.aitech1.ru



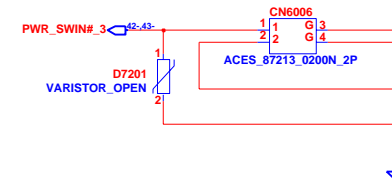
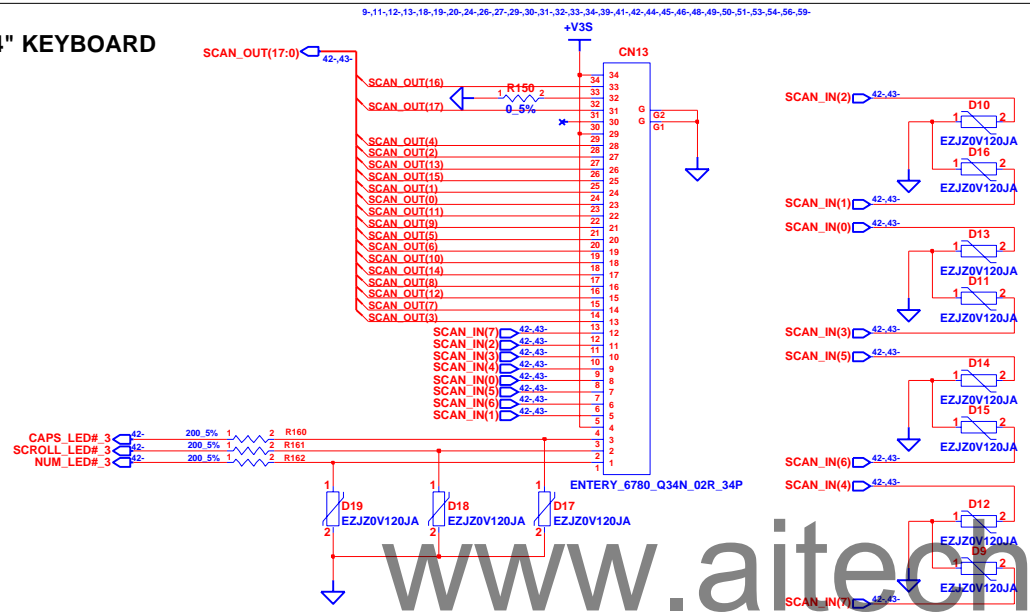
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TITLE: Rotterdam10M Camera			
SIZE: A3	CODE: CS	DOC. NUMBER: I310AA2250301	REV: A02
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CHANGE by: Sean 31-Mar-2009

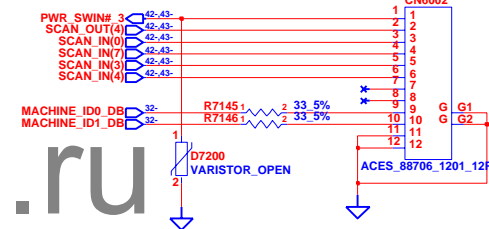




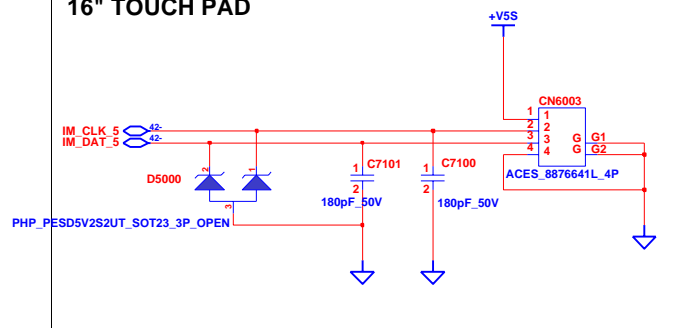
14" KEYBOARD



Hotkey



16" TOUCH PAD



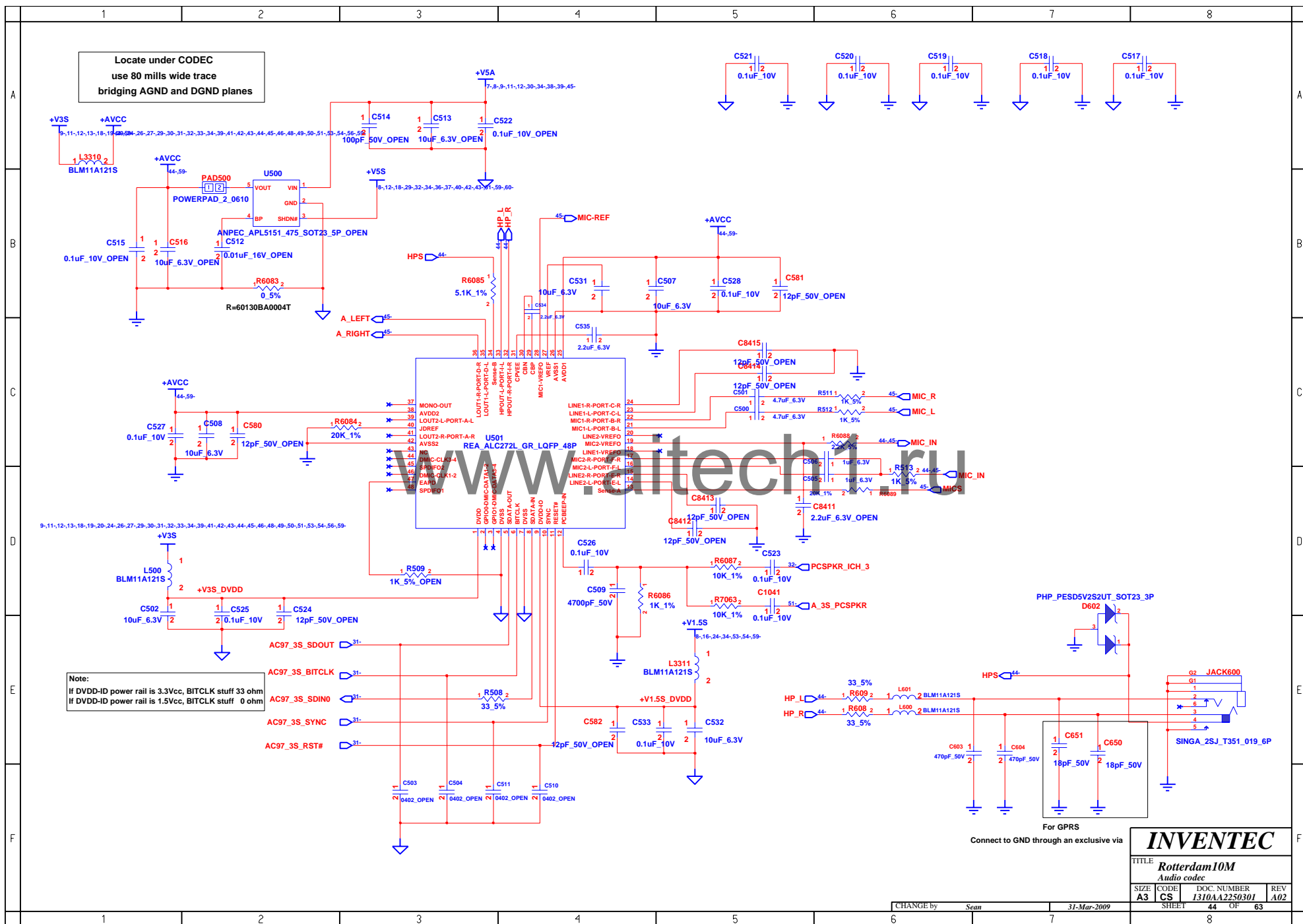
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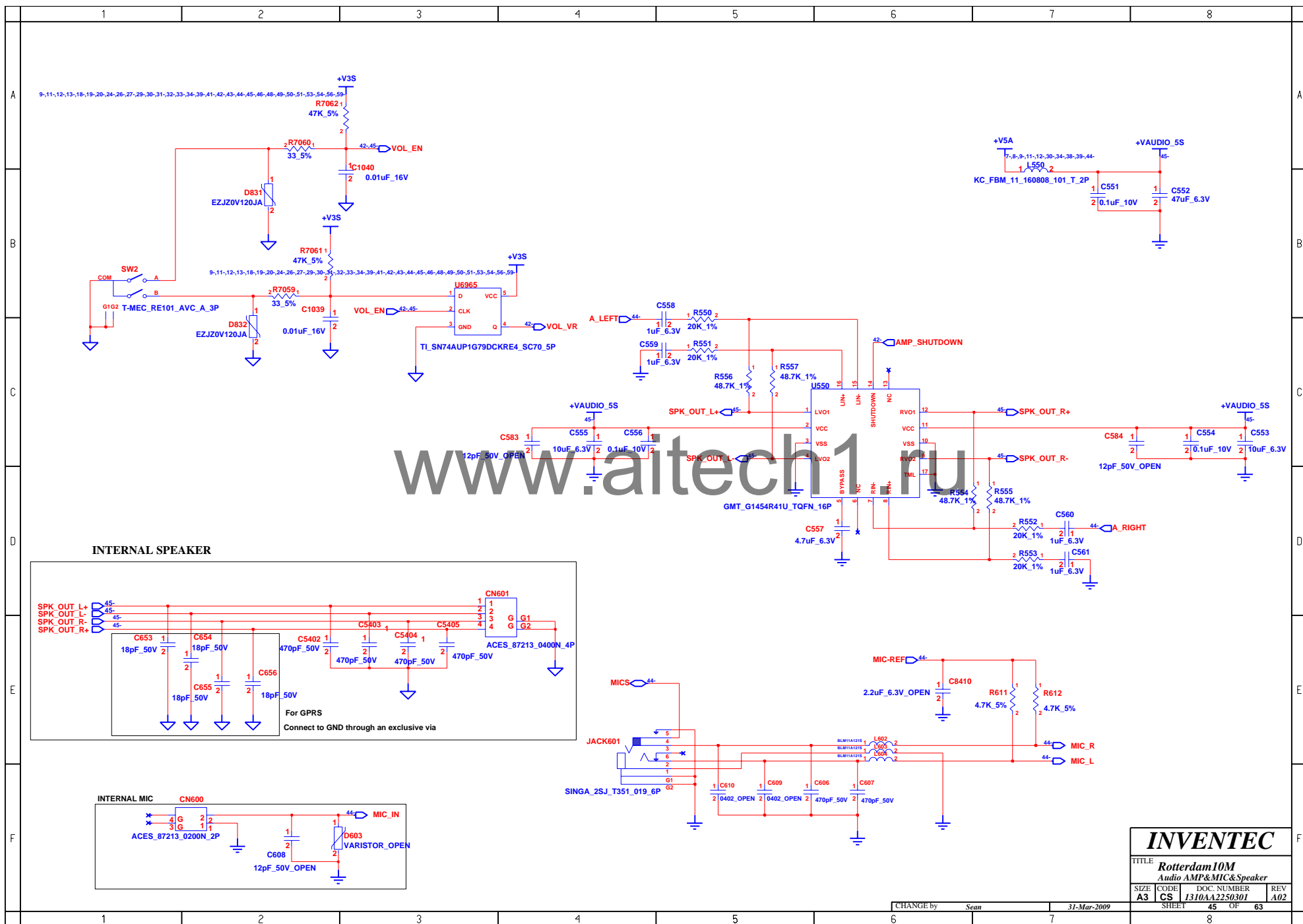
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K/B & TP/B CONN

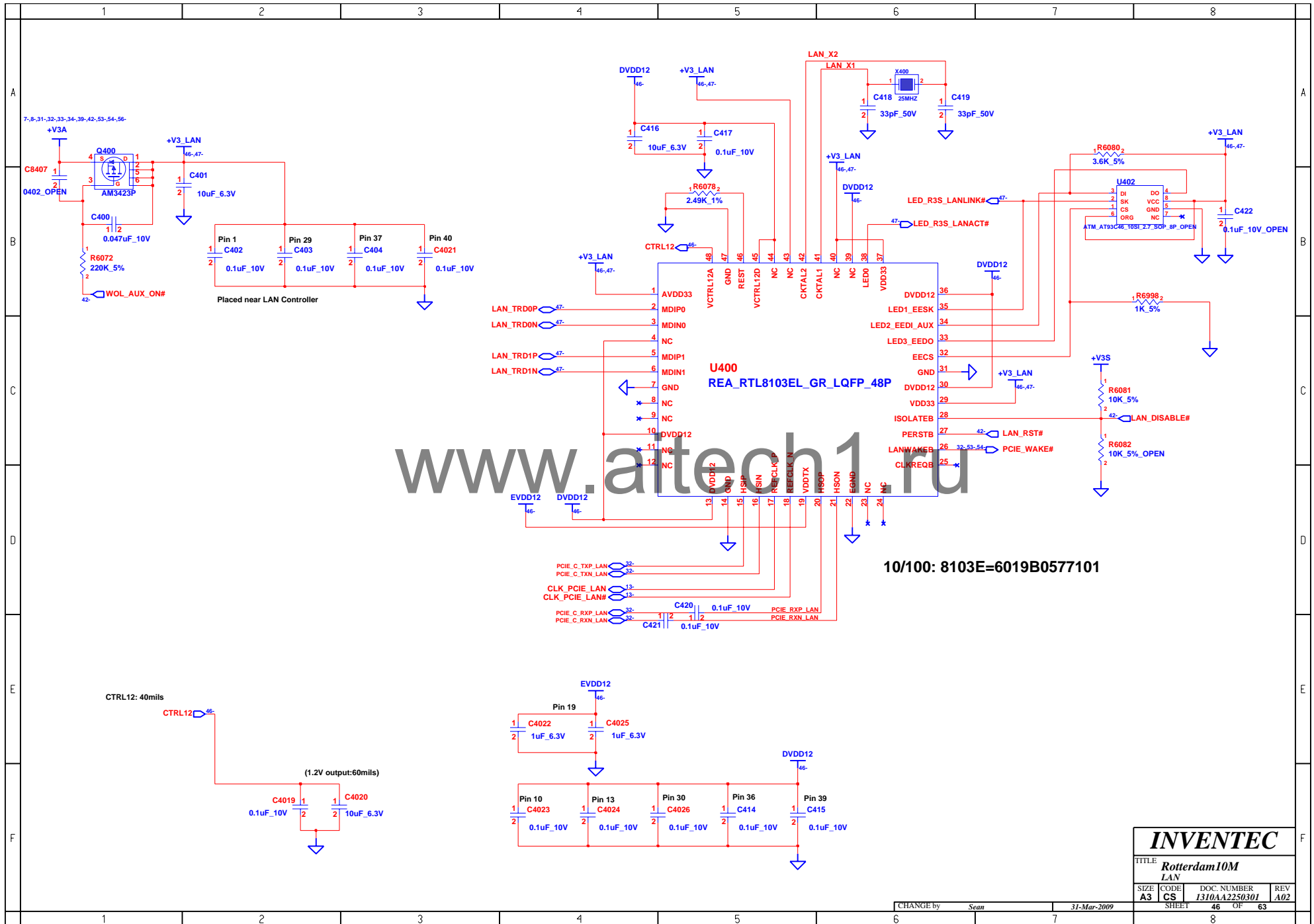
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A3 CS 1310AA2250301 A02

CHANGE by Scan 31-Mar-2009

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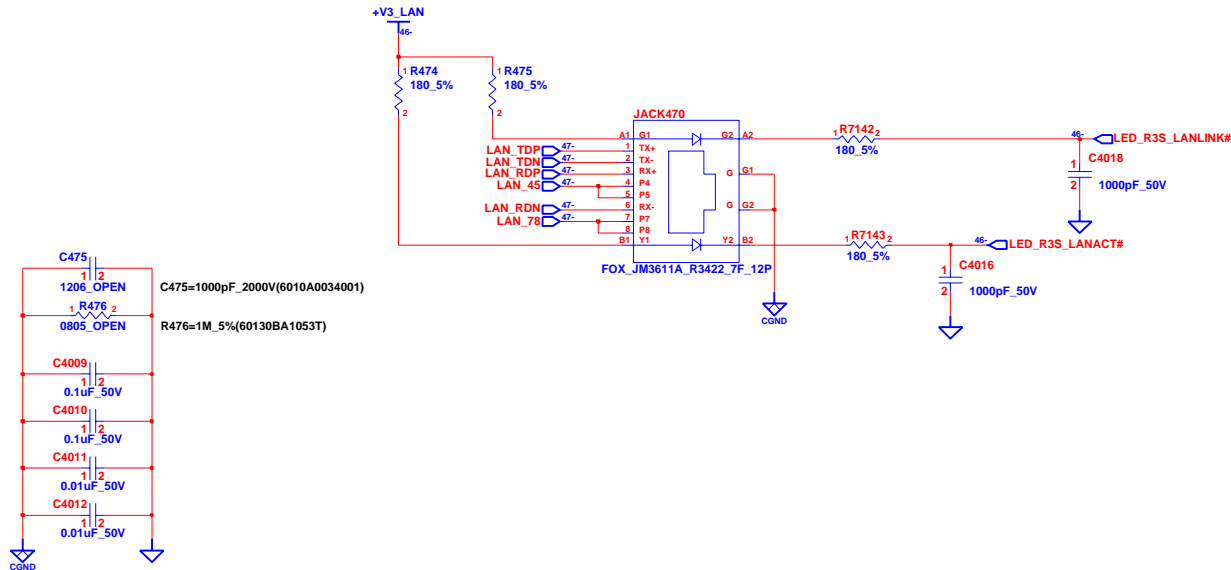
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TITLE
Rotterdam 10M LAN

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310AA2250301	A02

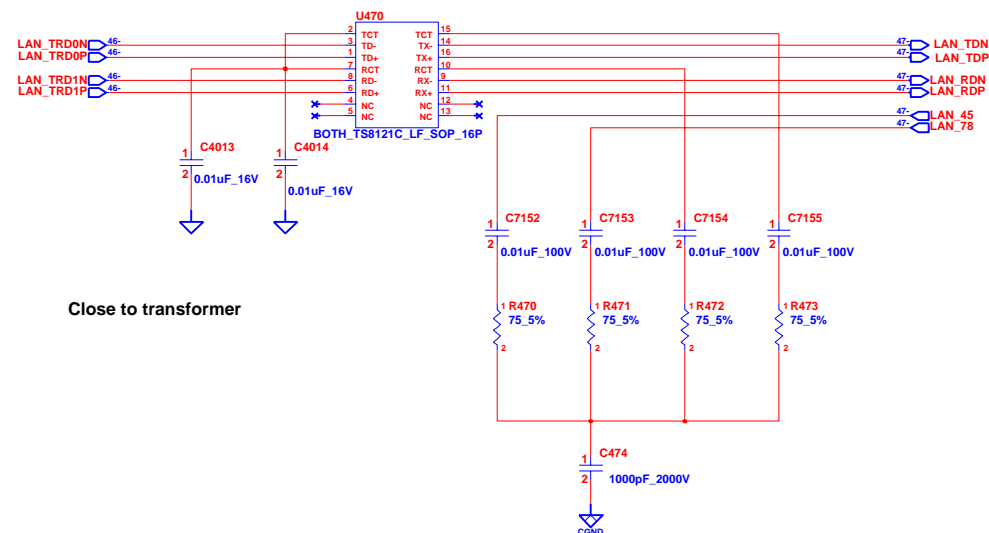
CHANGE by Scan 31-Mar-2009

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LEDS1-0	00	* 01	10	11
LED0	Tx/Rx	Tx/Rx	Tx	LINK10 ACT
LED1	LINK100	LINK 10/100/1000	LINK	LINK100 ACT
LED2	LINK10	LINK10/100	Rx	ULL
LED3	LINK1000	LINK1000	ULL	LINK1000 ACT

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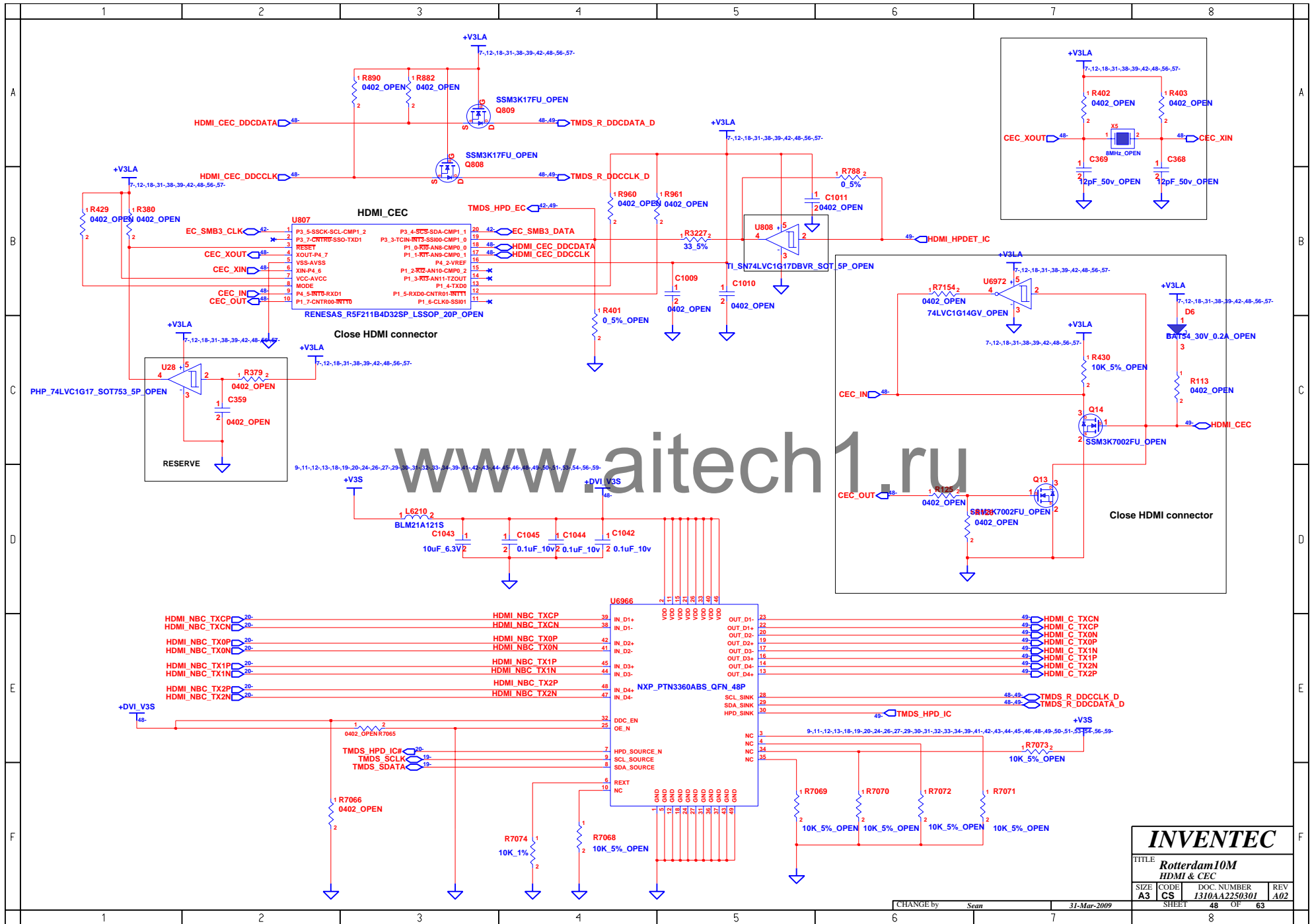
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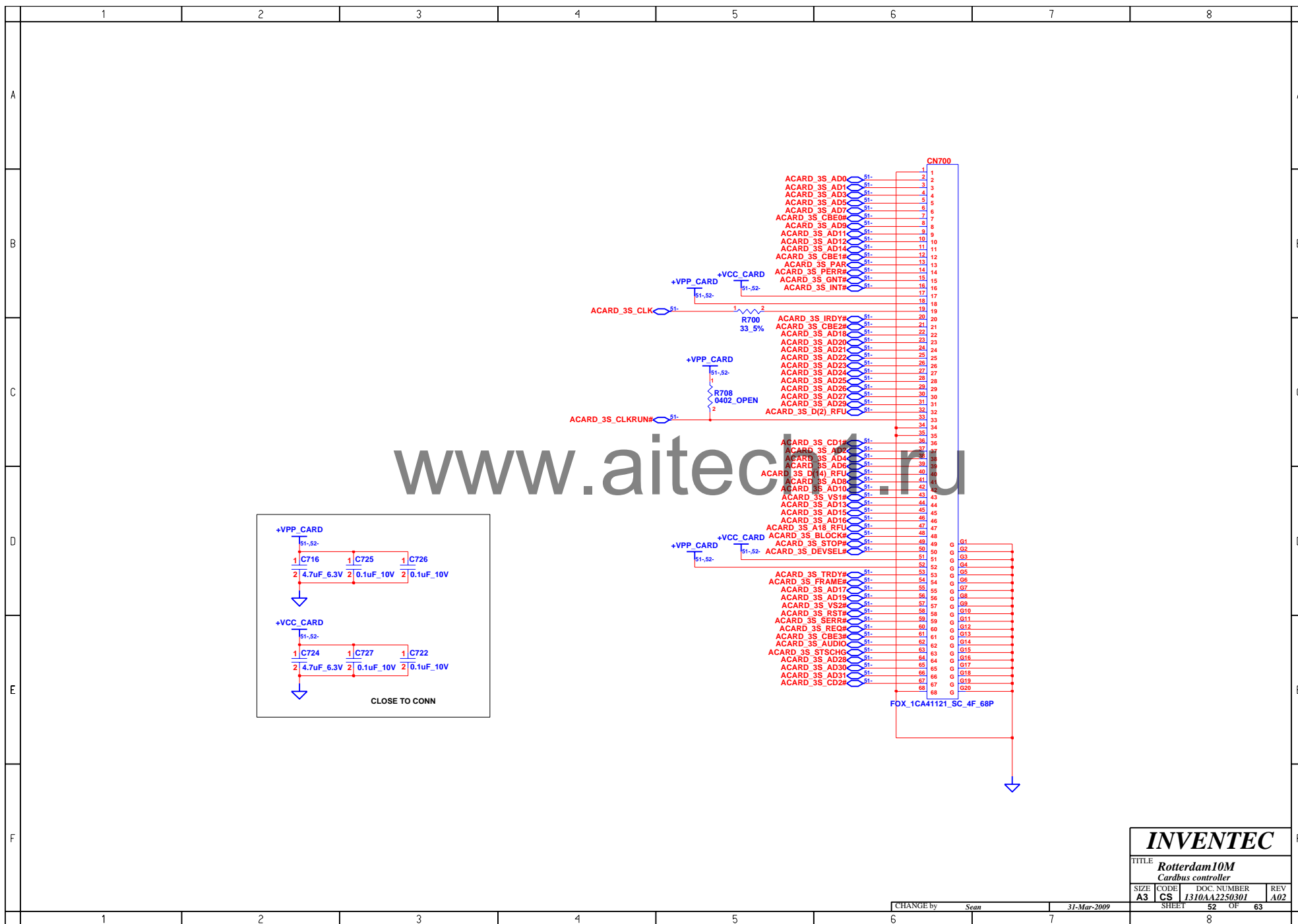
TITLE
Rotterdam10M
Transformer&RJ45

SIZE CODE DOC. NUMBER REV
A3 CS 1310AA2250301 A02

CHANGE by Scan 31-Mar-2009

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INVENTEC

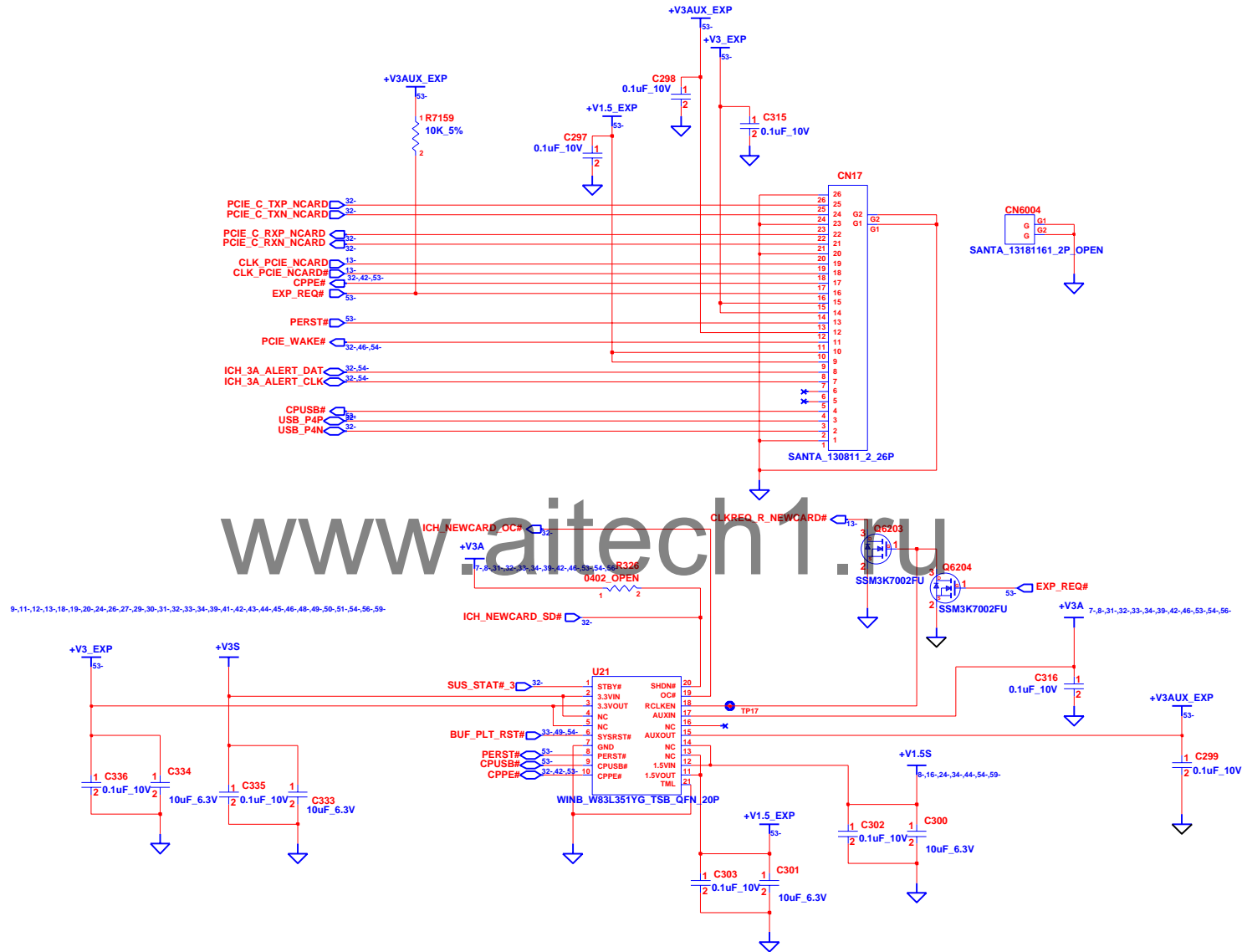
TITLE
Rotterdam10M
Cardbus controller

SIZE A3	CODE CS	DOC. NUMBER 1310AA2250301	REV A02
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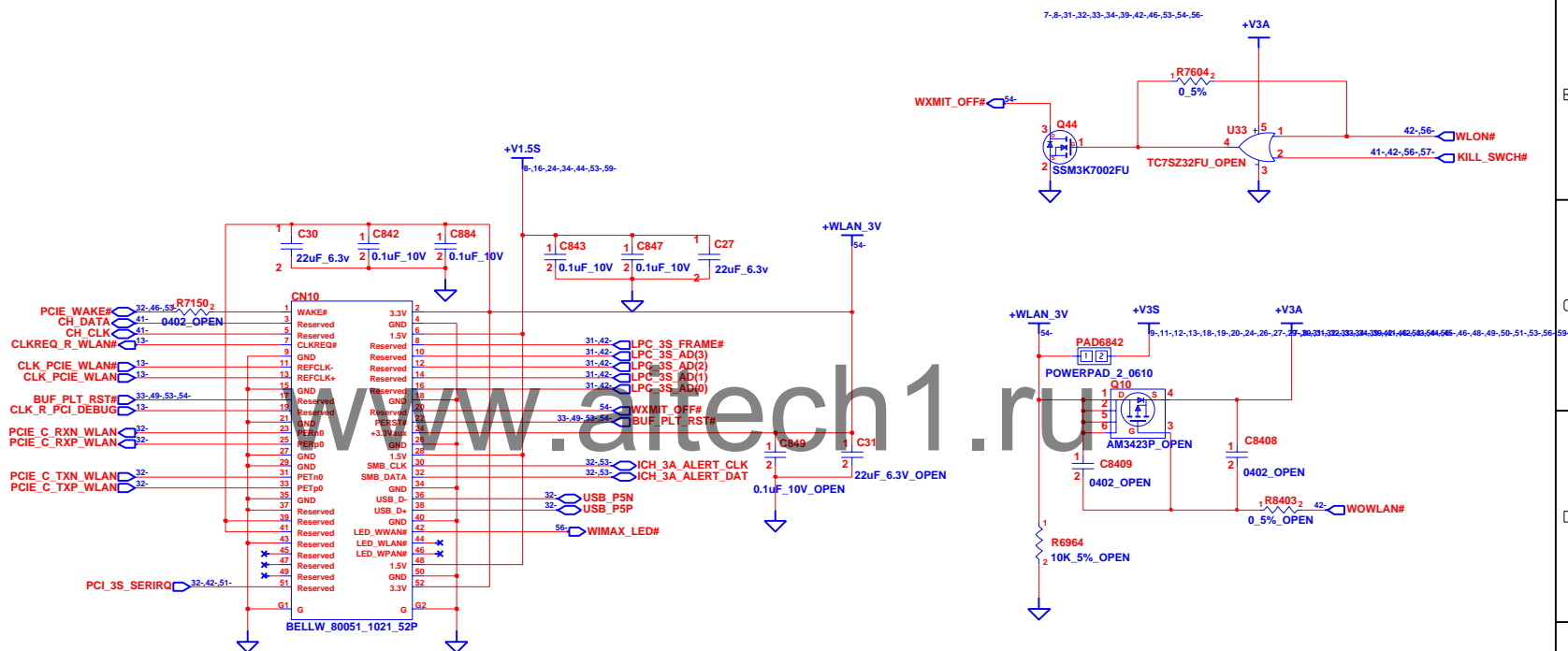
INVENTEC

TITLE			
Rotterdam10M Express Card CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AA2250301	A02

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Wireless & Debug card

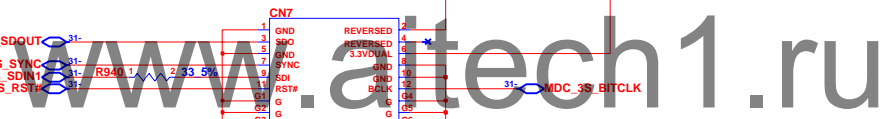


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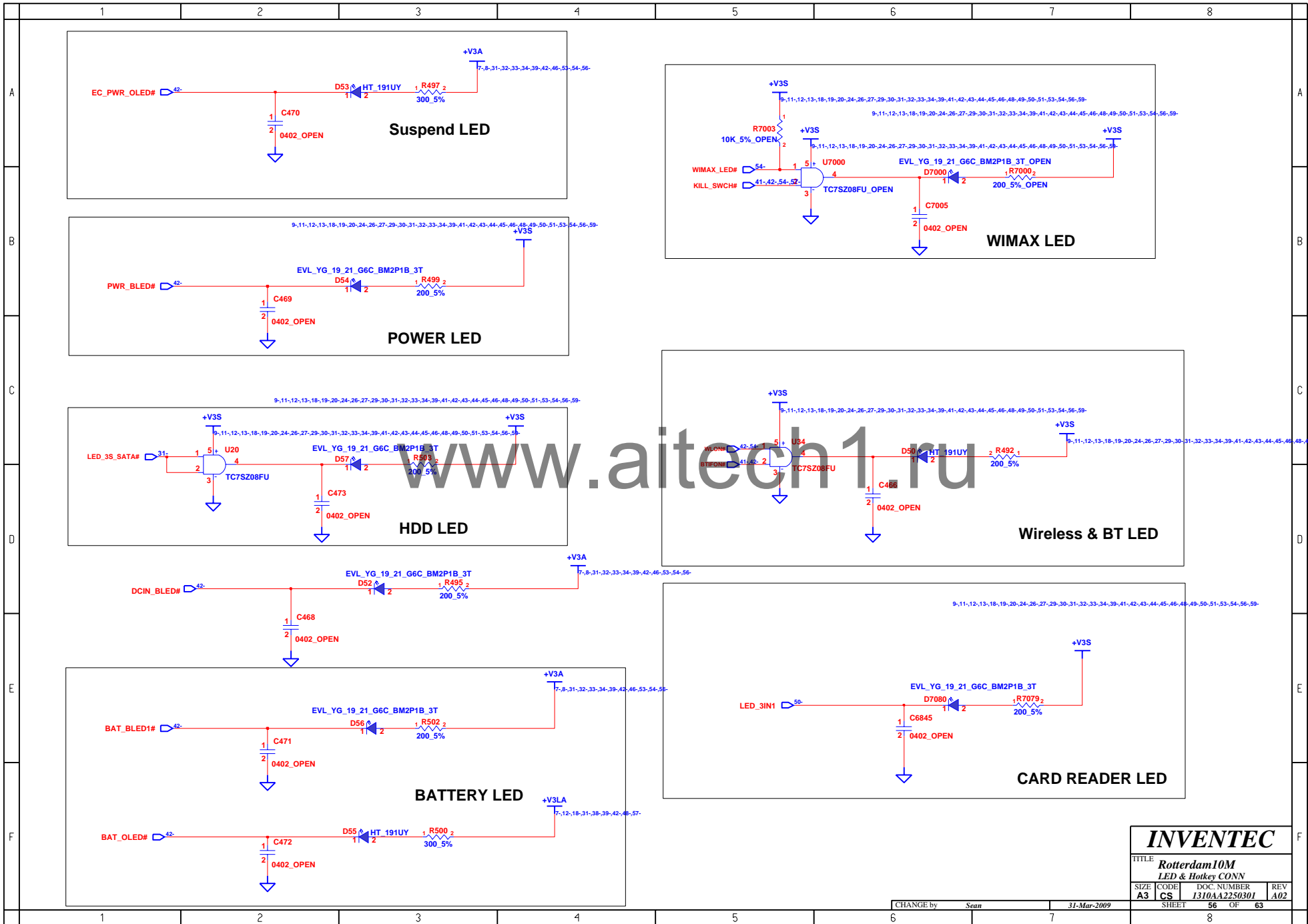
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Rotterdam10M			
Wireless & debug card			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by Scan 31-Mar-2009

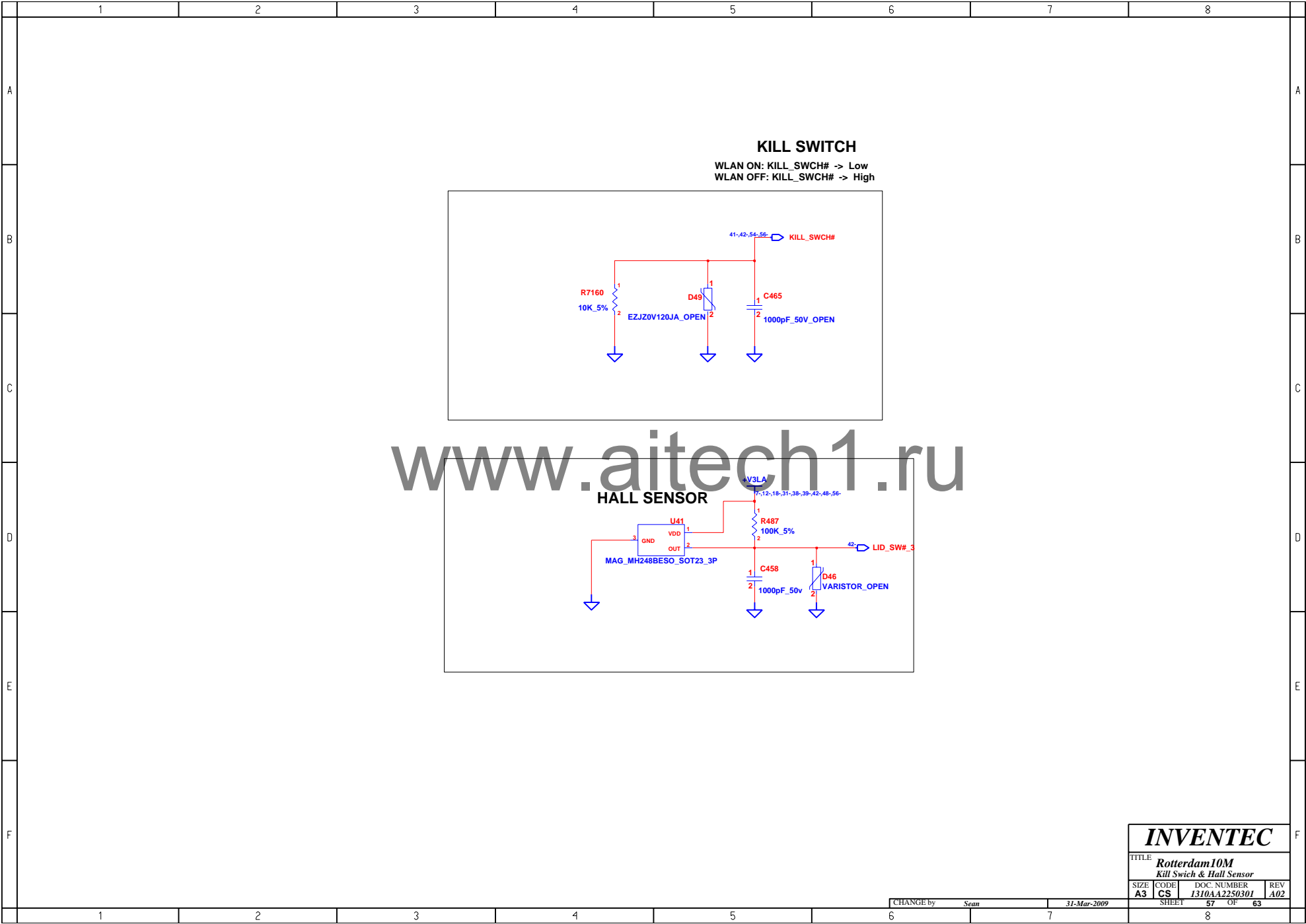
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CHANGE by	Sean	31-Mar-2009
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INVENTEC			
TITLE Rotterdam10M LED & Hotkey CONN			
SIZE A3	CODE CS	DOC NUMBER 1310AA2250301	REV A02
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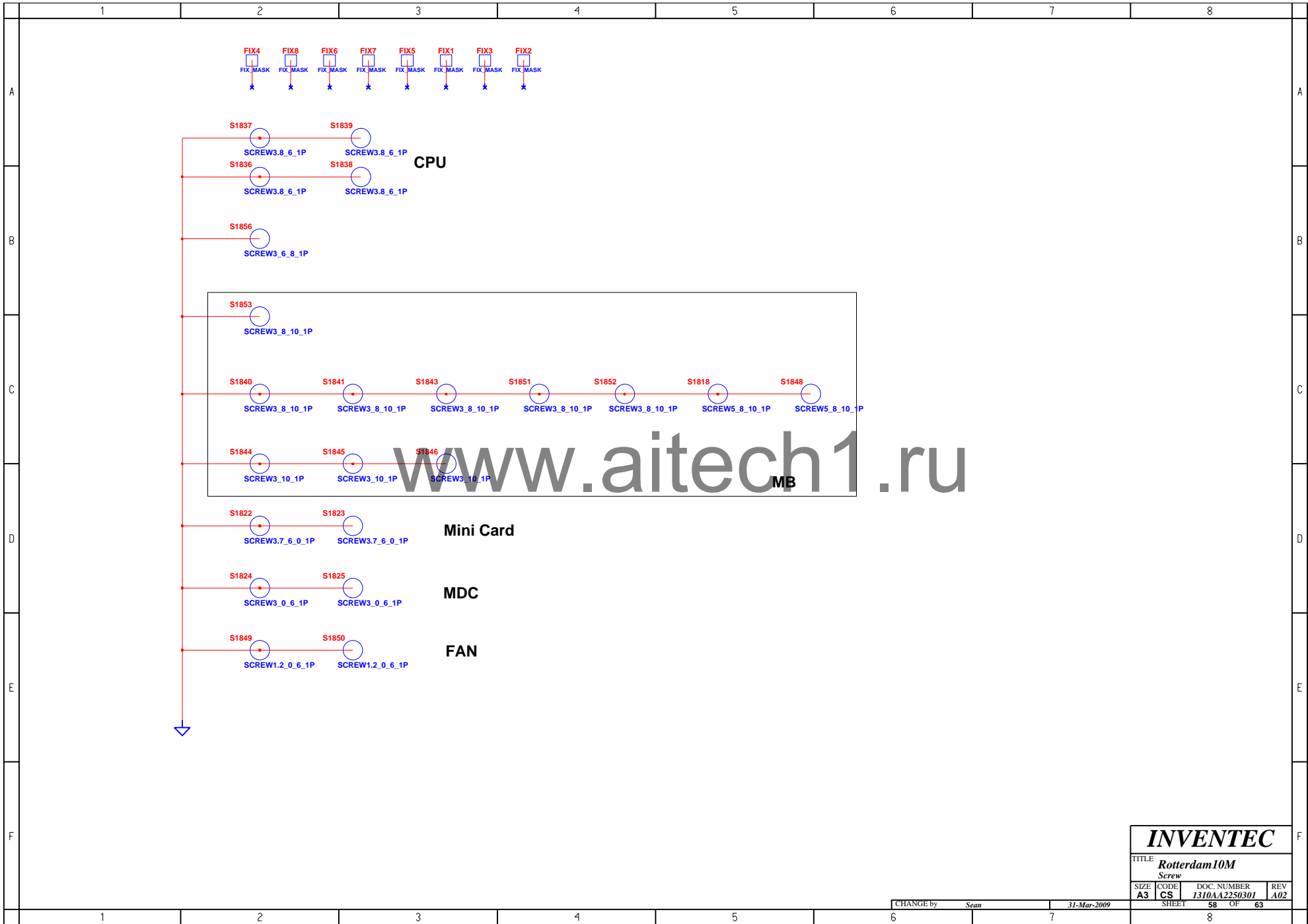
INVENTEC

TITLE
Rotterdam10M
Kill Swich & Hall Sensor

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AA2250301	A02

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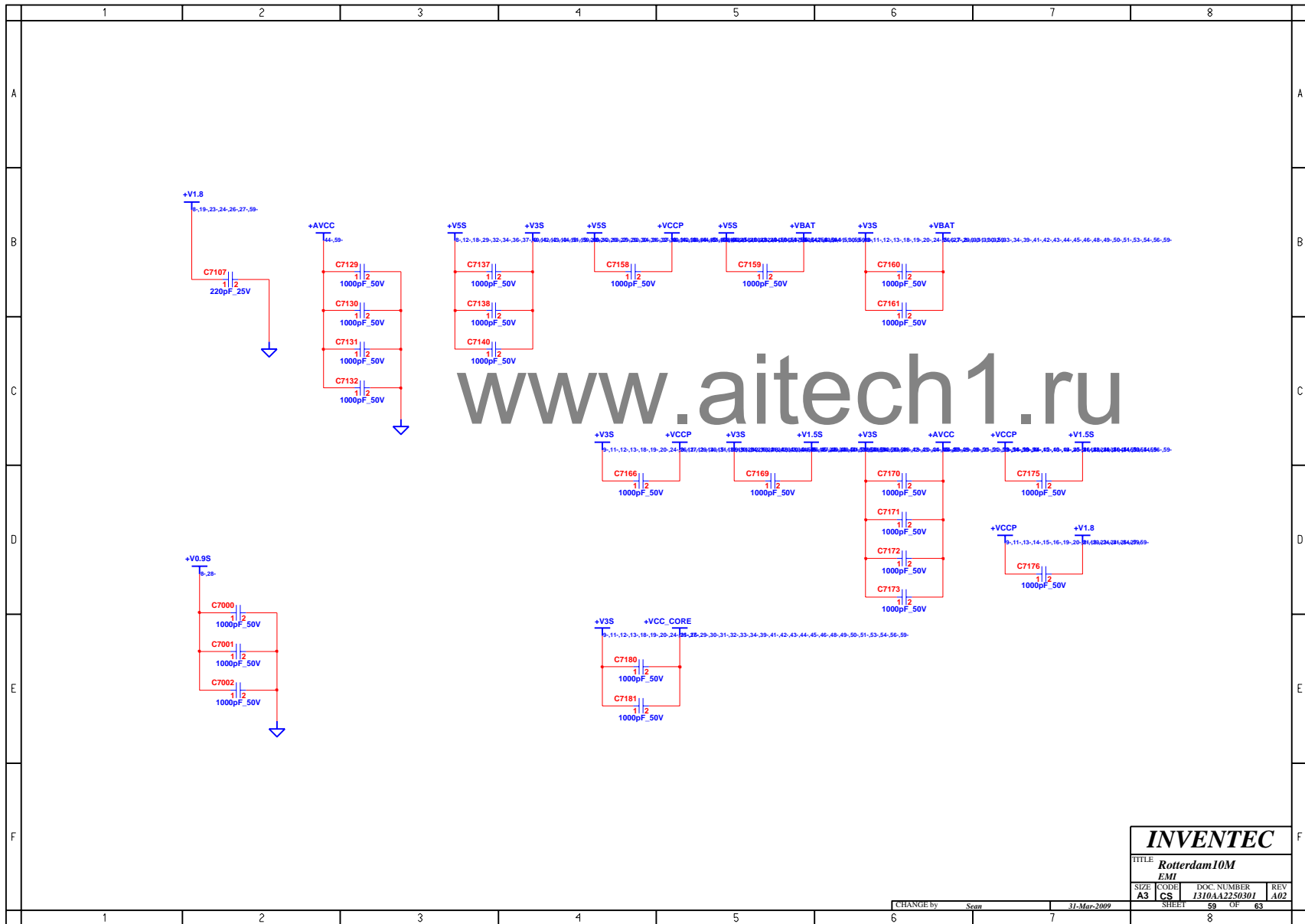
INVENTEC

TITLE
Rotterdam10M
Screw

SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
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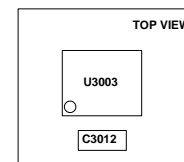
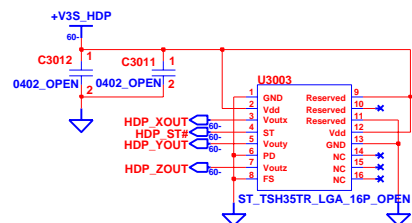
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TITLE: **Rotterdam IOM
EMI**

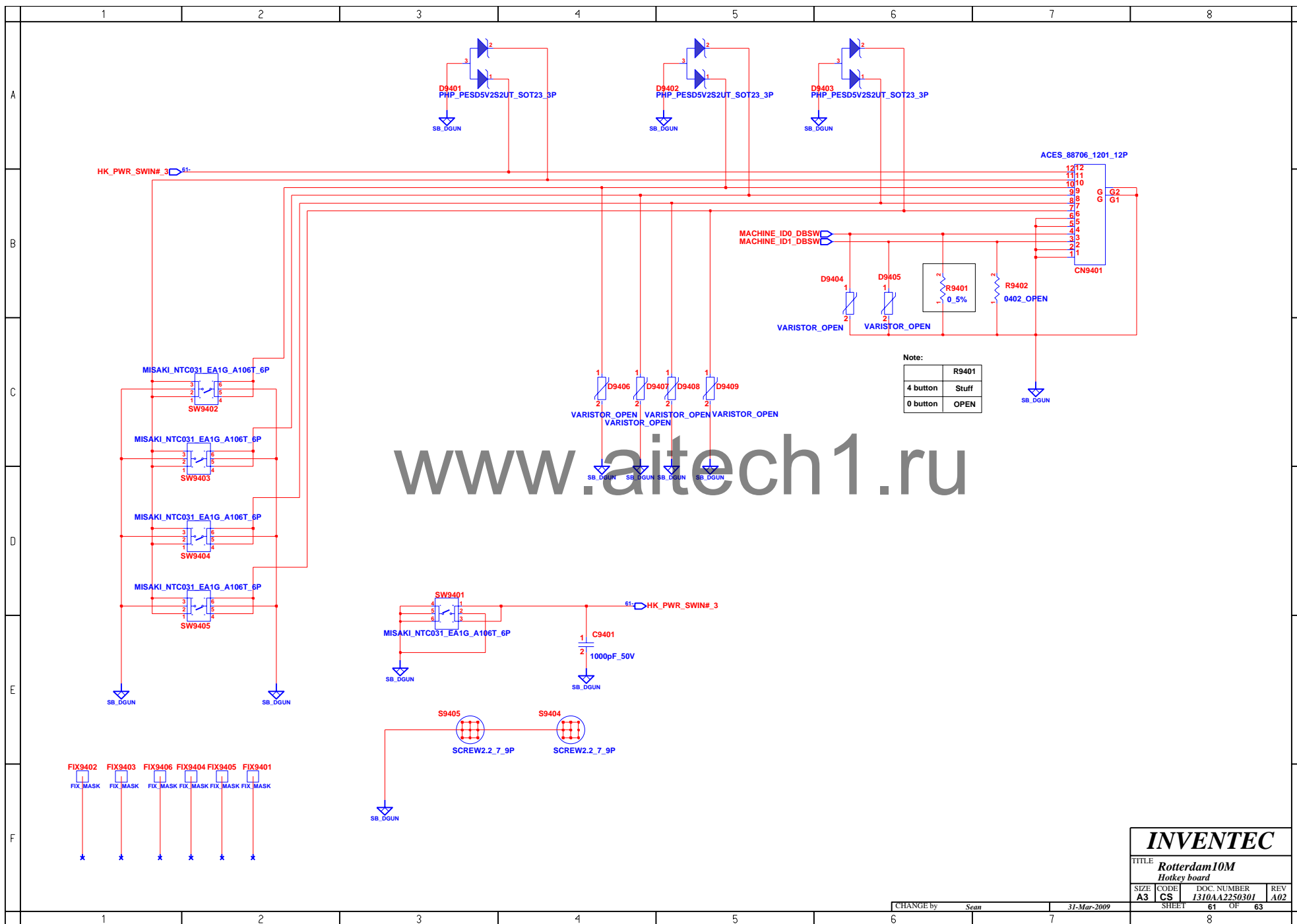
SIZE	CODE	DOC NUMBER	REV
A3	CS	I310AA2250301	A02

SHEET 59 OF 63

CHANGE by *Sam* 31-Mar-2009



AS	CS	1310AA2230301	A02
SHEET		60	OF 63



INVENTEC

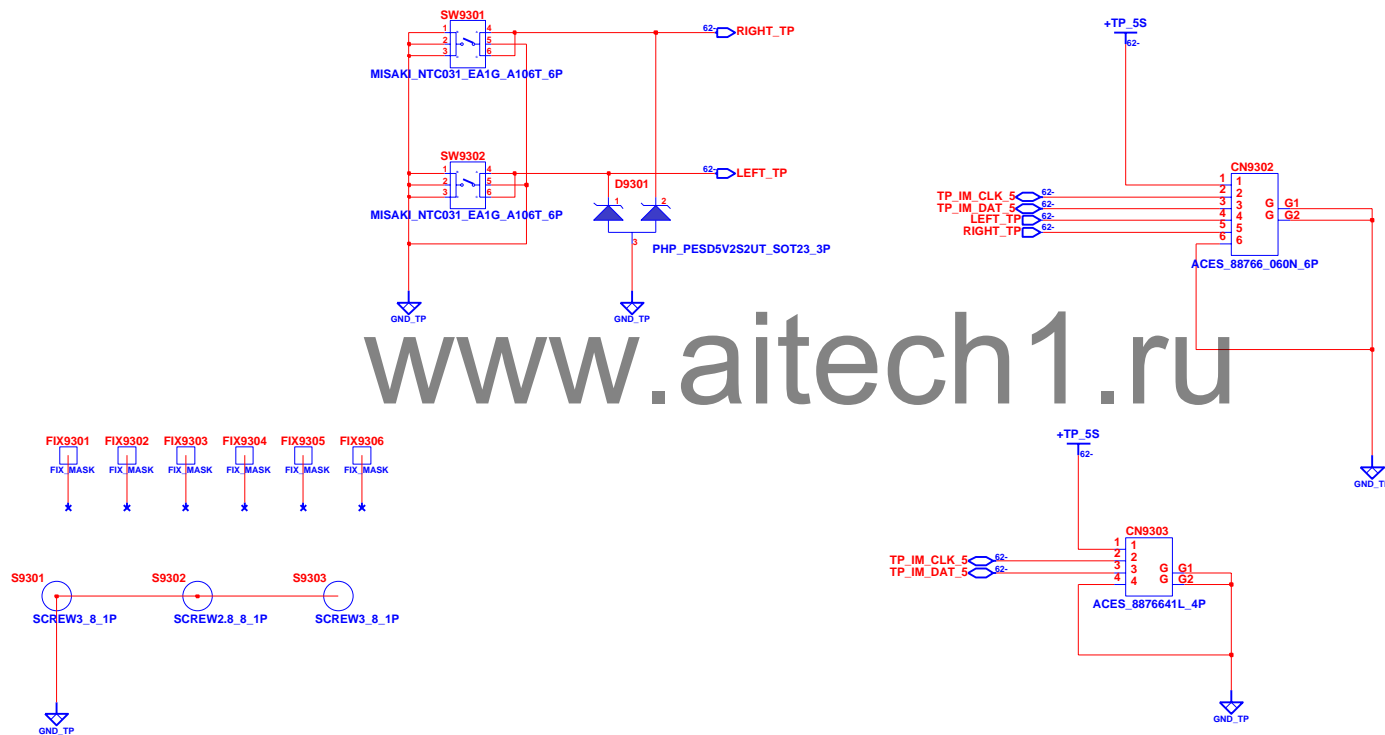
TITLE
**Rotterdam 10M
Hotkey board**

SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
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CHANGE by *Scan* 31-Mar-2009

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INVENTEC

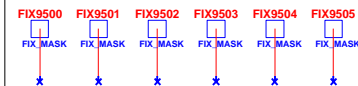
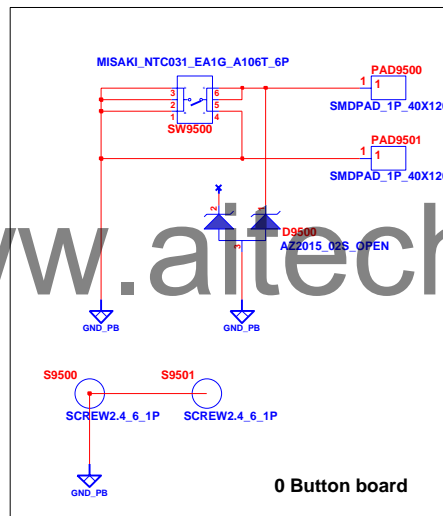
TITLE
Rotterdam10M
touch pad board

SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
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CHANGE by Scan 31-Mar-2009

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INVENTEC			
TITLE: Rotterdam10M power board			
SIZE A3	CODE CS	DOC. NUMBER I310AA2250301	REV A02
CHANGE by <i>Scan</i>		31-Mar-2009	
SHEET		63	OF 63