


# WS BUILD

**2010/06/24**

DATE	CHANGE NO	REV

	EE	DATE	POWER	DATE	
DRAWER					
DESIGN					
CHECK					
RESPONSIBLE					TITLE
SIZE = 3      VER : X01					CODE      DOC. NUMBER      REV
FILE NAME : P/N					SHEET      OF

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10.+V1.5 & 3S / 5S
11.+V1.05S & VTT
12.+V1.5S & +V1.5S_CPU
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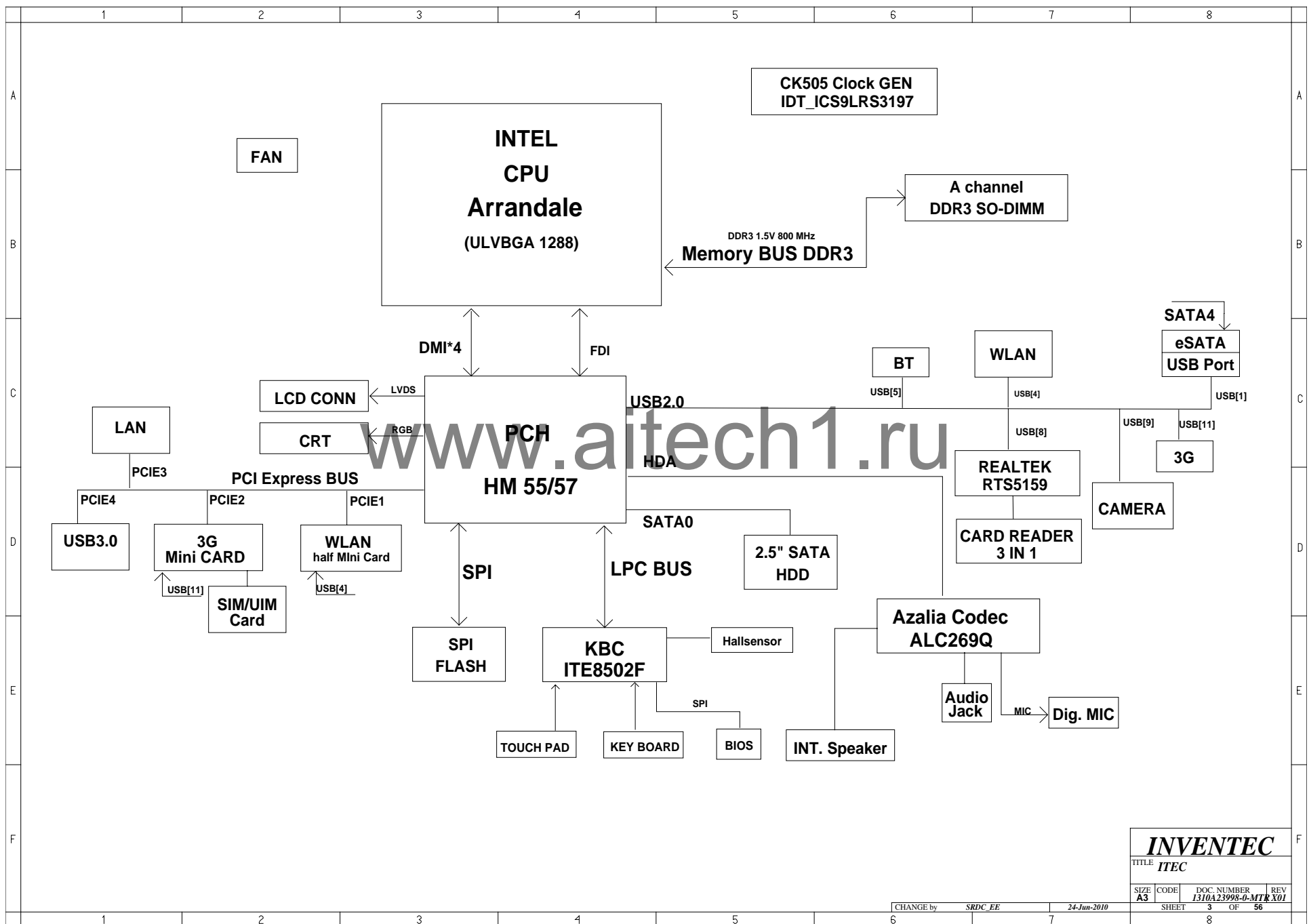
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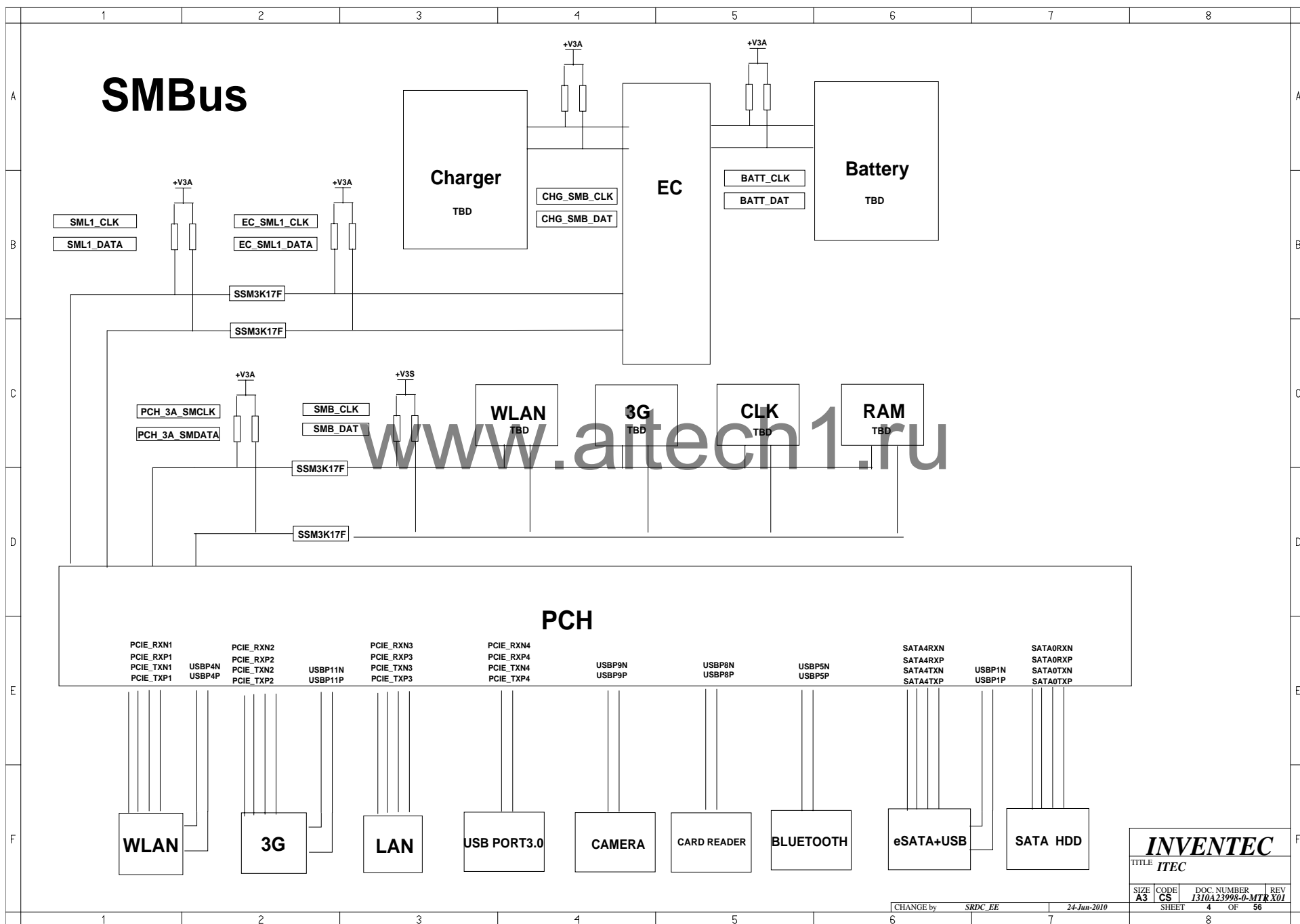
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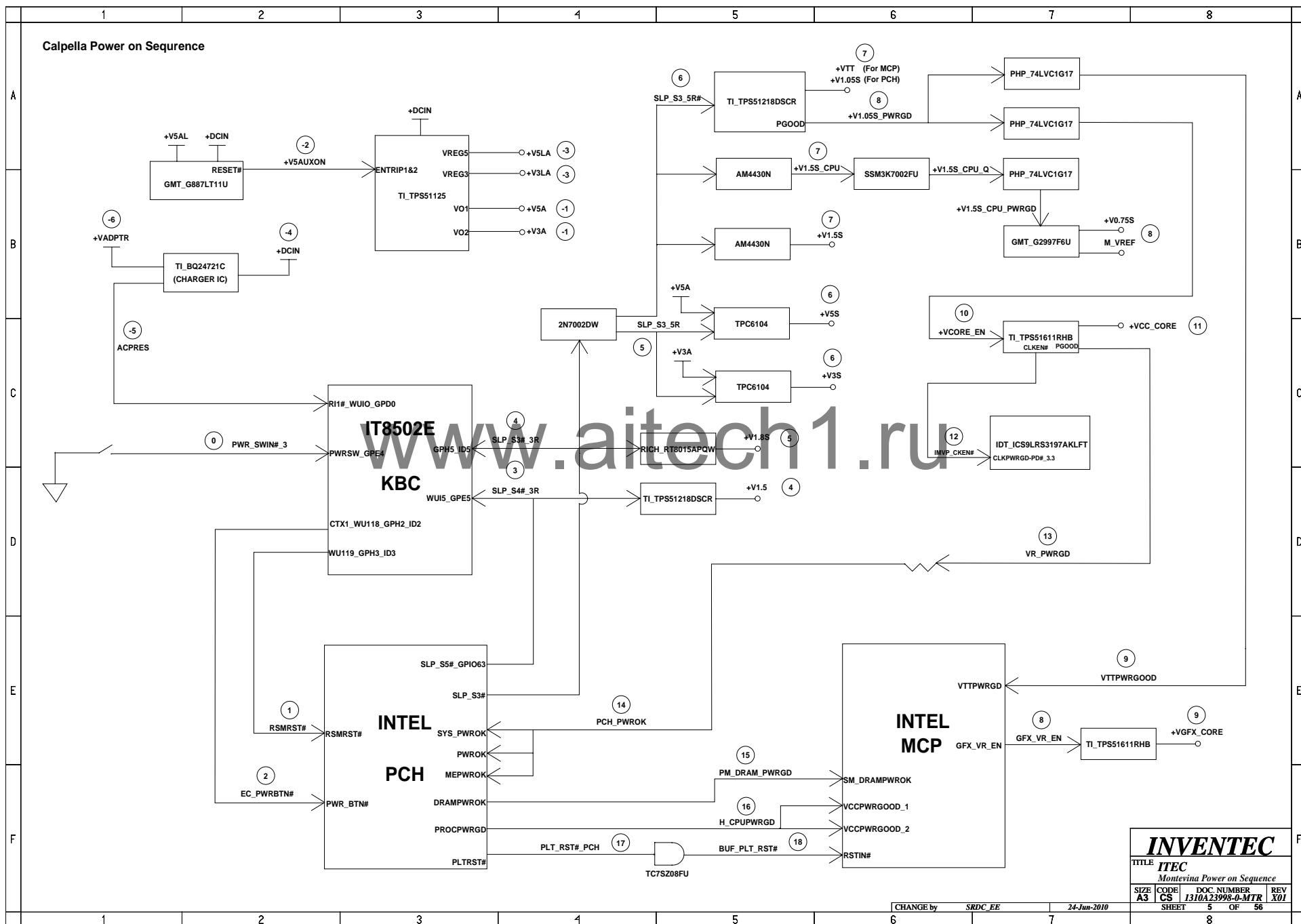
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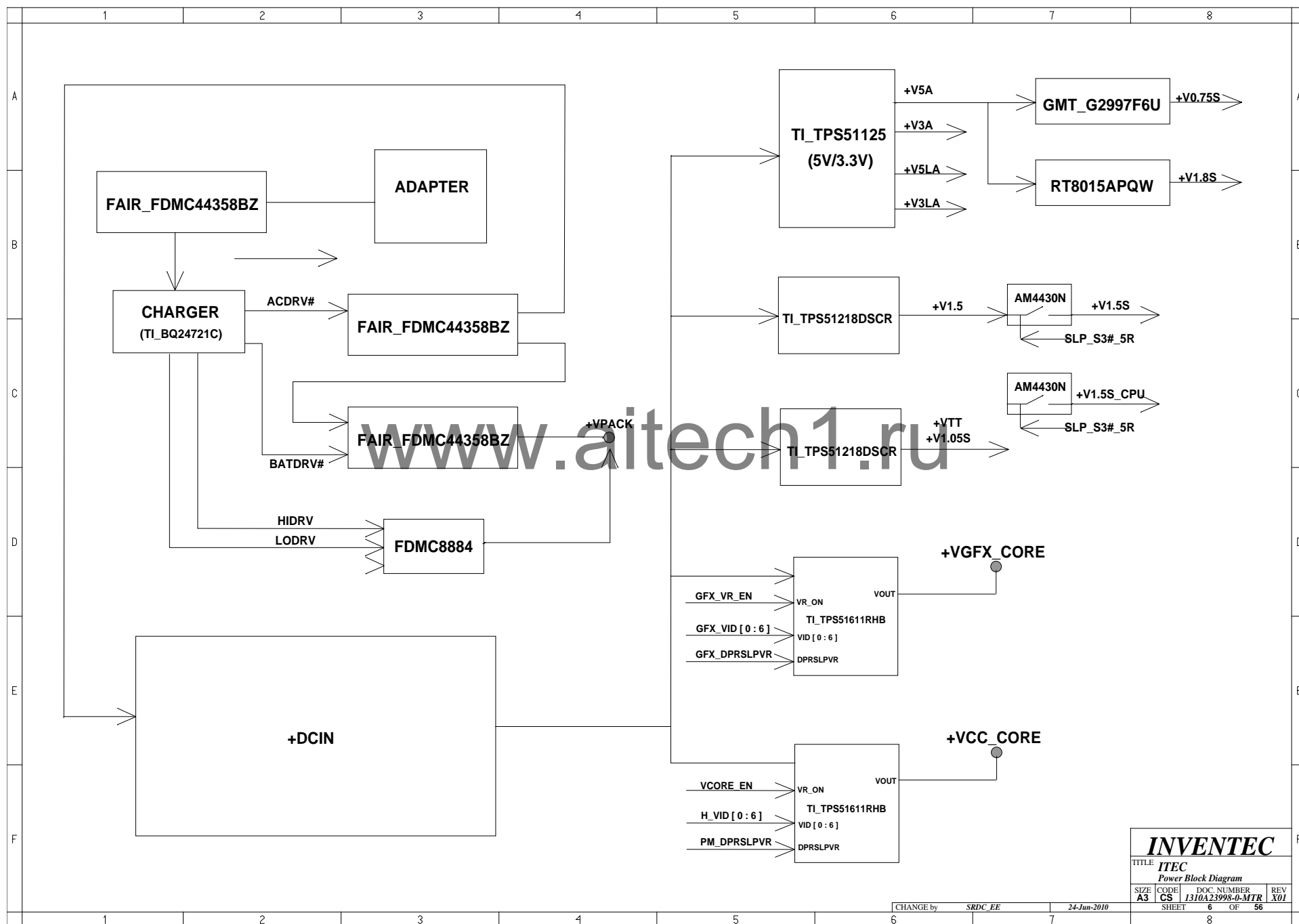
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A	POWER RAIL								A																																												
B									B																																												
C	<table><tr><th rowspan="2">VOLTAGE STATE</th><th rowspan="2">+VDCIN , +V5AL , +V3AL</th><th colspan="2">+V5A</th><th colspan="2">+V3A</th><th rowspan="2">+V1.5</th><th rowspan="2">+V5S , +V3S , +V1.8S , +V1.5S , +V1.5S_CPU , +V0.75S , +VTT , +VGFX_CORE , +VCC_CORE</th></tr><tr><th>DC</th><th>AC</th><th>DC</th><th>AC</th></tr><tr><td>S0</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr><tr><td>S3</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>×</td></tr><tr><td>S4</td><td>○</td><td>×</td><td>○</td><td>×</td><td>○</td><td>×</td><td>×</td></tr><tr><td>S5</td><td>○</td><td>×</td><td>○</td><td>×</td><td>○</td><td>×</td><td>×</td></tr></table>								VOLTAGE STATE	+VDCIN , +V5AL , +V3AL	+V5A		+V3A		+V1.5	+V5S , +V3S , +V1.8S , +V1.5S , +V1.5S_CPU , +V0.75S , +VTT , +VGFX_CORE , +VCC_CORE	DC	AC	DC	AC	S0	○	○	○	○	○	○	○	S3	○	○	○	○	○	○	×	S4	○	×	○	×	○	×	×	S5	○	×	○	×	○	×	×	C
VOLTAGE STATE	+VDCIN , +V5AL , +V3AL	+V5A		+V3A		+V1.5	+V5S , +V3S , +V1.8S , +V1.5S , +V1.5S_CPU , +V0.75S , +VTT , +VGFX_CORE , +VCC_CORE																																														
		DC	AC	DC	AC																																																
S0	○	○	○	○	○	○	○																																														
S3	○	○	○	○	○	○	×																																														
S4	○	×	○	×	○	×	×																																														
S5	○	×	○	×	○	×	×																																														
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SRDC EE

24-Jun-2010

TITLE		INVENTEC	
SIZE		CODE	DOC NUMBER
A3	CS	1310A23998-0-MTR	REV X01
SHEET		7	OF 56

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POWER sequence			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>I310A23998-0-MTR</b>	REV <b>X01</b>
CHANGE by <b>SRDC_EE</b>		24-Jun-2010	
SHEET		7	OF 56

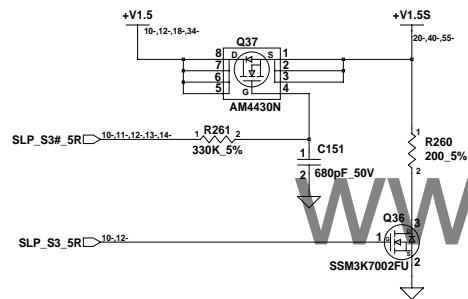




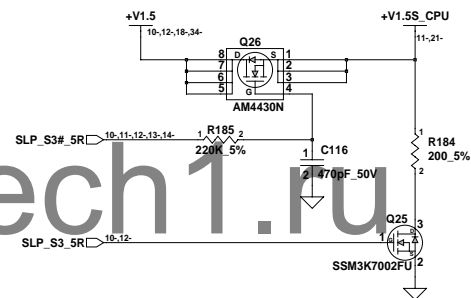








**+V1.5S**

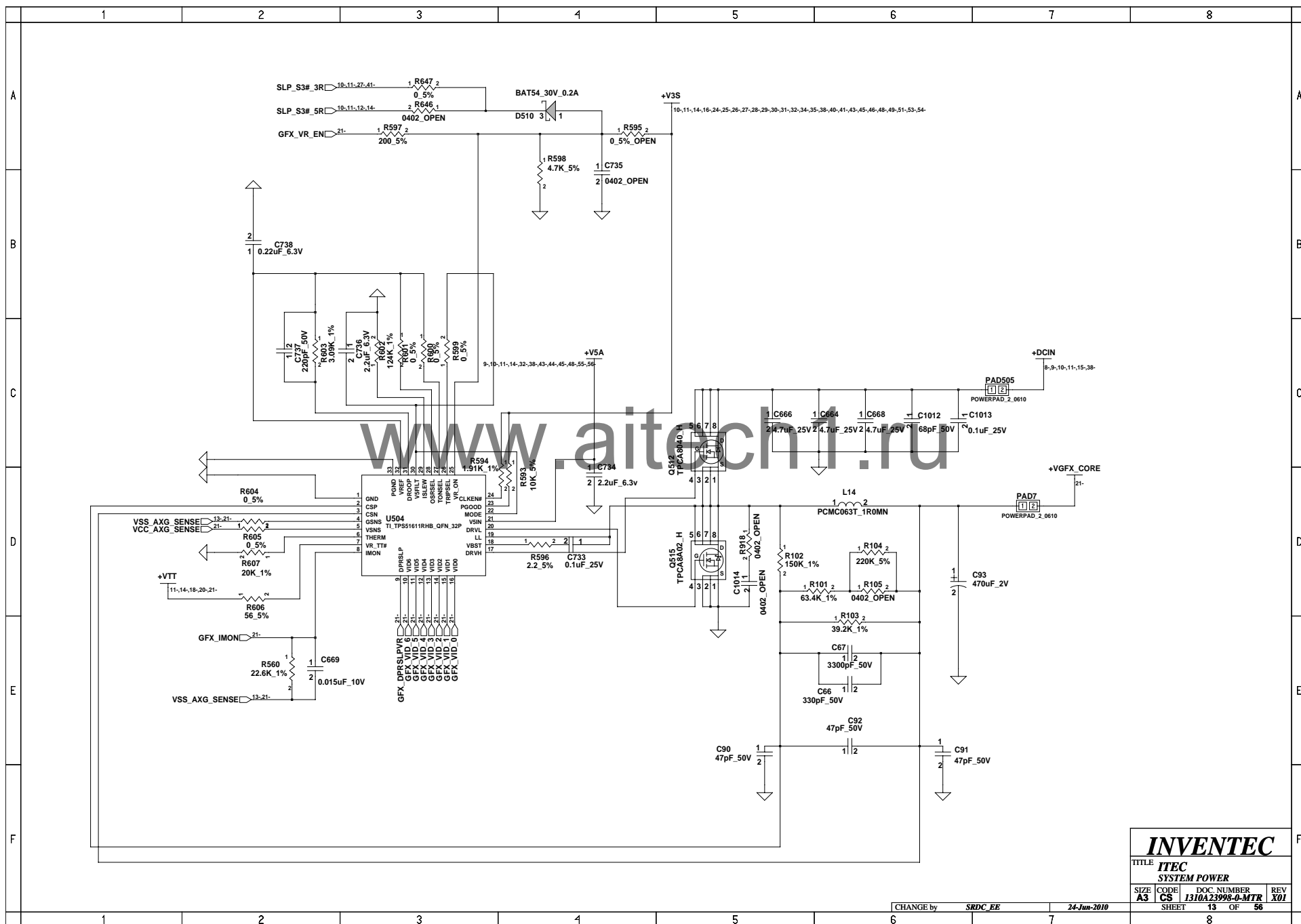


**+V1.5S\_CPU**

**INVENTEC**

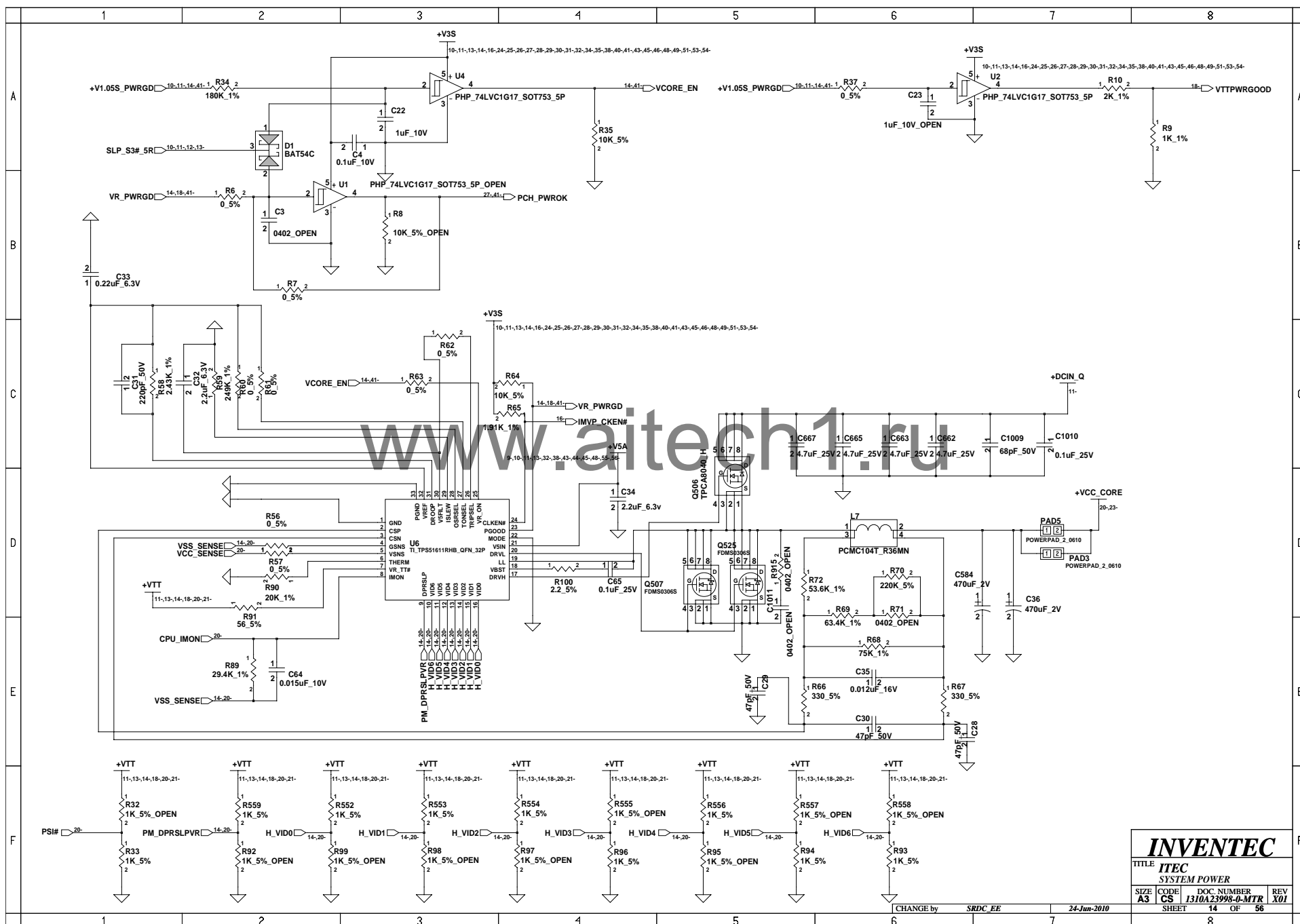
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SYSTEM POWER			
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SHEET <b>13</b>		OF <b>56</b>	

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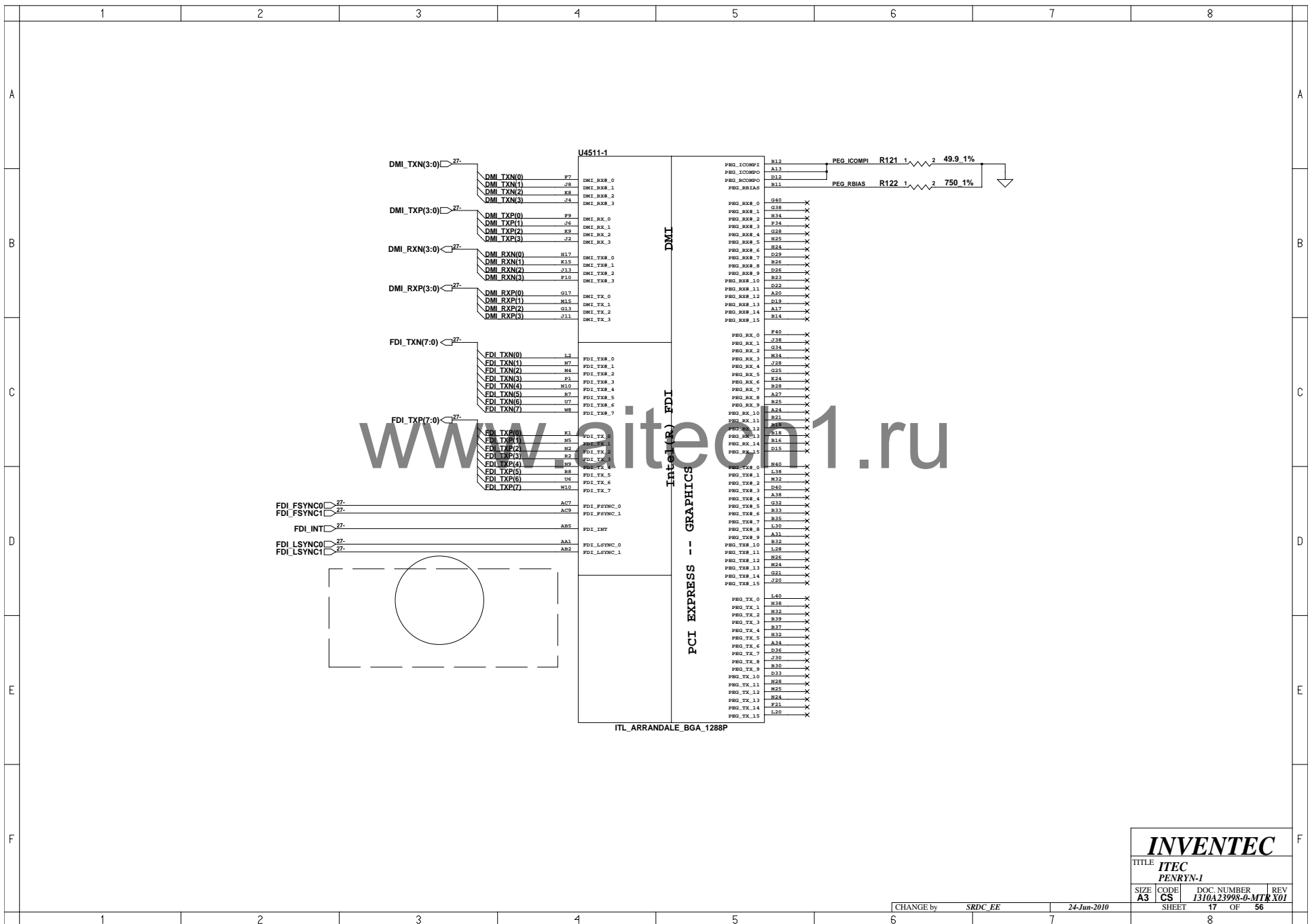
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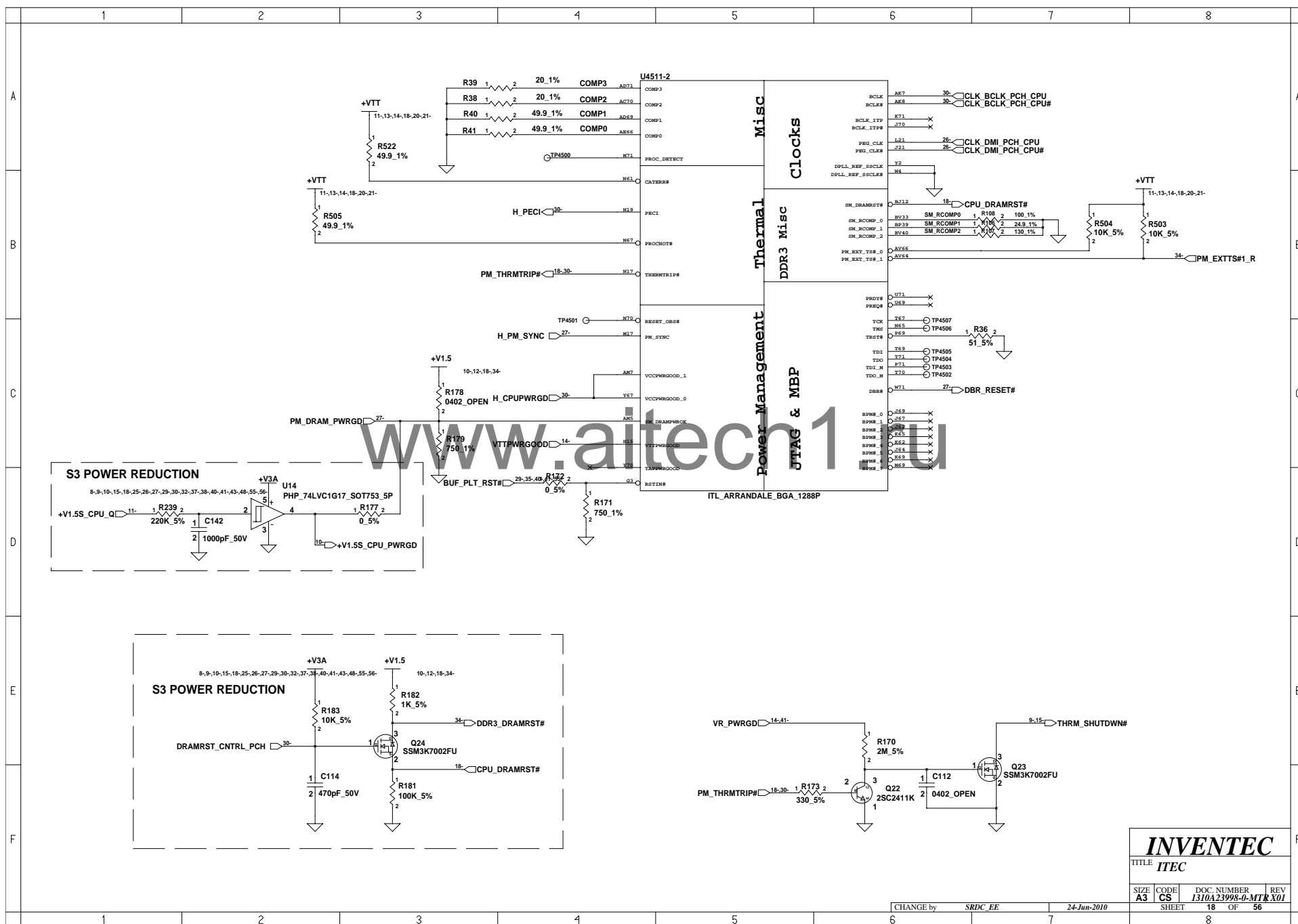
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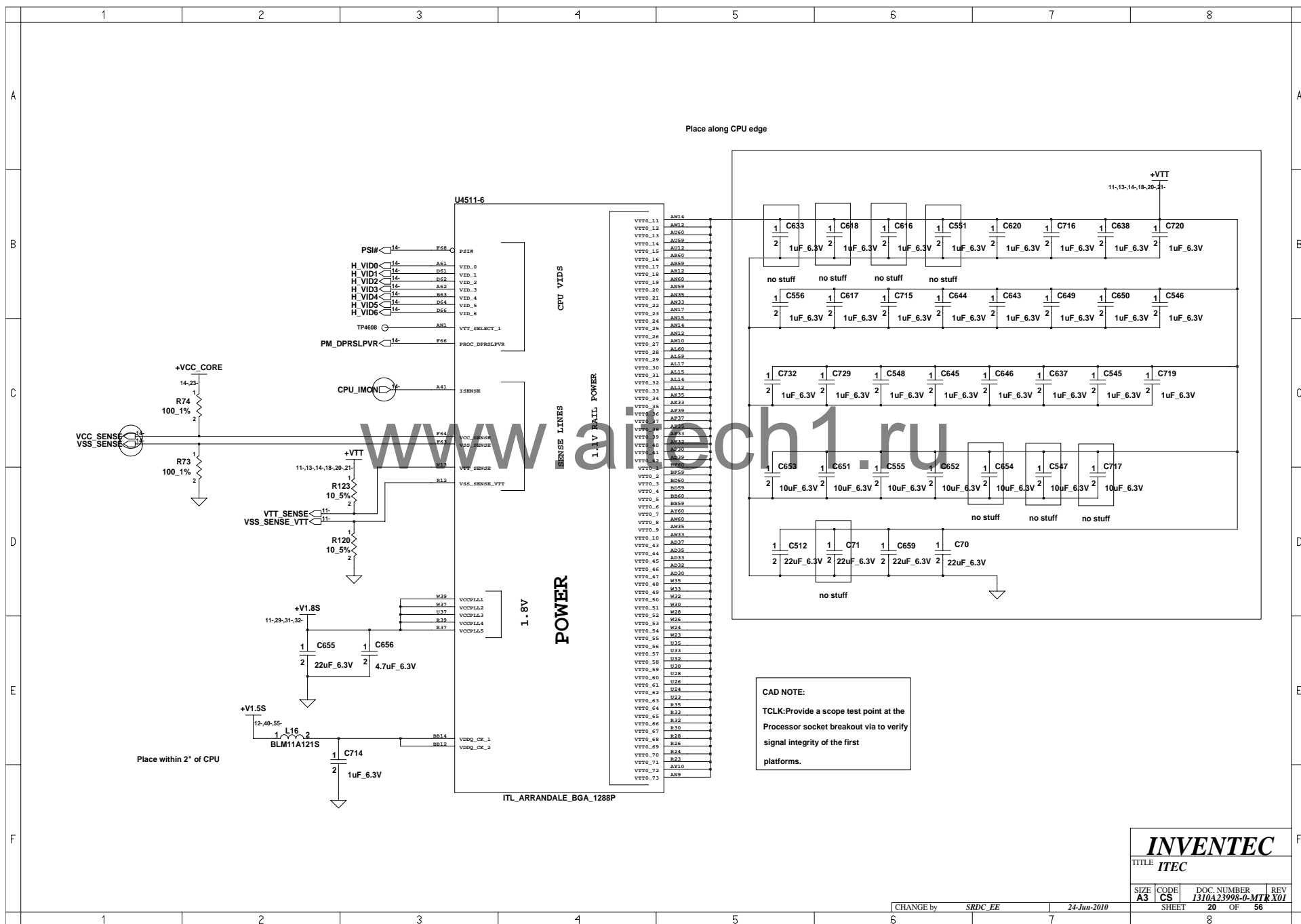
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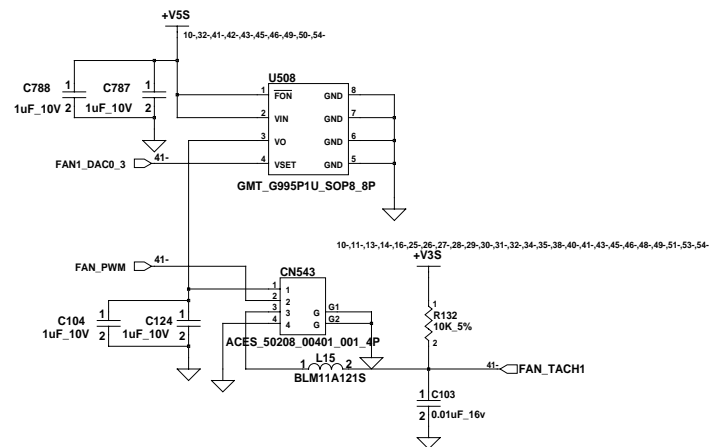


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	W658	V6592	AY21	W65203	W65405	A36	RVSD33	W64
	W655	V6593	AY19	W65204	W65406	A33	RVSD34	AC69
	W651	V6594	AY17	W65205	W65407	A29	RVSD35	AC73
	W648	V6595	AY15	W65206	W65408	A26	RVSD36	AA71
	W644	V6596	AY14	W65207	W65409	A22	RVSD37	AA69
	W637	V6597	AY12	W65208	W65410	A19	RVSD38	B66
	W632	V6598	AY8	W65209	W65411	A15	RVSD39	B64
	W625	V6599	AY4	W65210	W65412	A12	CPU_0	
	W621	V6600	W65211	W65413	W65414	B2	CPU_1	
	W618	V6601	W65212	W65415	W65416	B55	CPU_2	
	W614	V6602	W65213	W65417	W65418	B51	CPU_3	
	W611	V6603	W65214	W65419	W65420	B48	CPU_4	
	W602	V6604	W65215	W65421	W65422	B44	CPU_5	
	W594	V6605	W65216	W65423	W65424	B39	CPU_6	
	W586	V6606	W65217	W65425	W65426	B35	CPU_7	
	W579	V6607	W65218	W65427	W65428	B31	CPU_8	
	W571	V6608	W65219	W65429	W65430	B27	CPU_9	
	W562	V6609	W65220	W65431	W65432	B22	RVSD_NCTF_3	B55
	W554	V6610	W65221	W65433	W65434	B18	RVSD_NCTF_4	B55
	W546	V6611	W65222	W65435	W65436	B14	RVSD_NCTF_2	B55
	W538	V6612	W65223	W65437	W65438	B10	RVSD_NCTF_1	B55
	W529	V6613	W65224	W65439	W65440	B06	RVSD45	AV69
	W521	V6614	W65225	W65441	W65442	B02	RVSD46	AK73
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		V6689	W65300	W65591	W65592	B00	RVSD102	AK69
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# Fan control



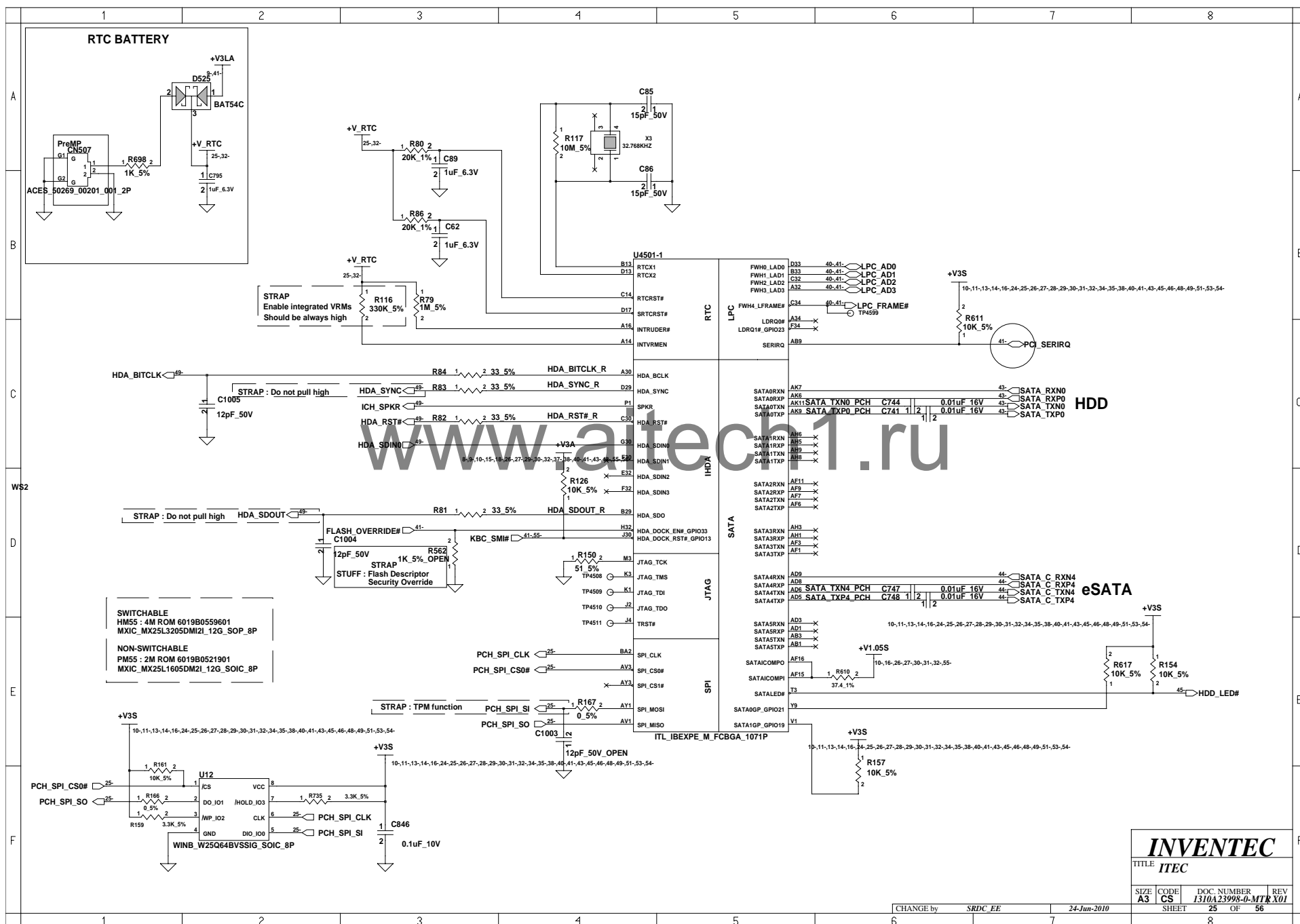
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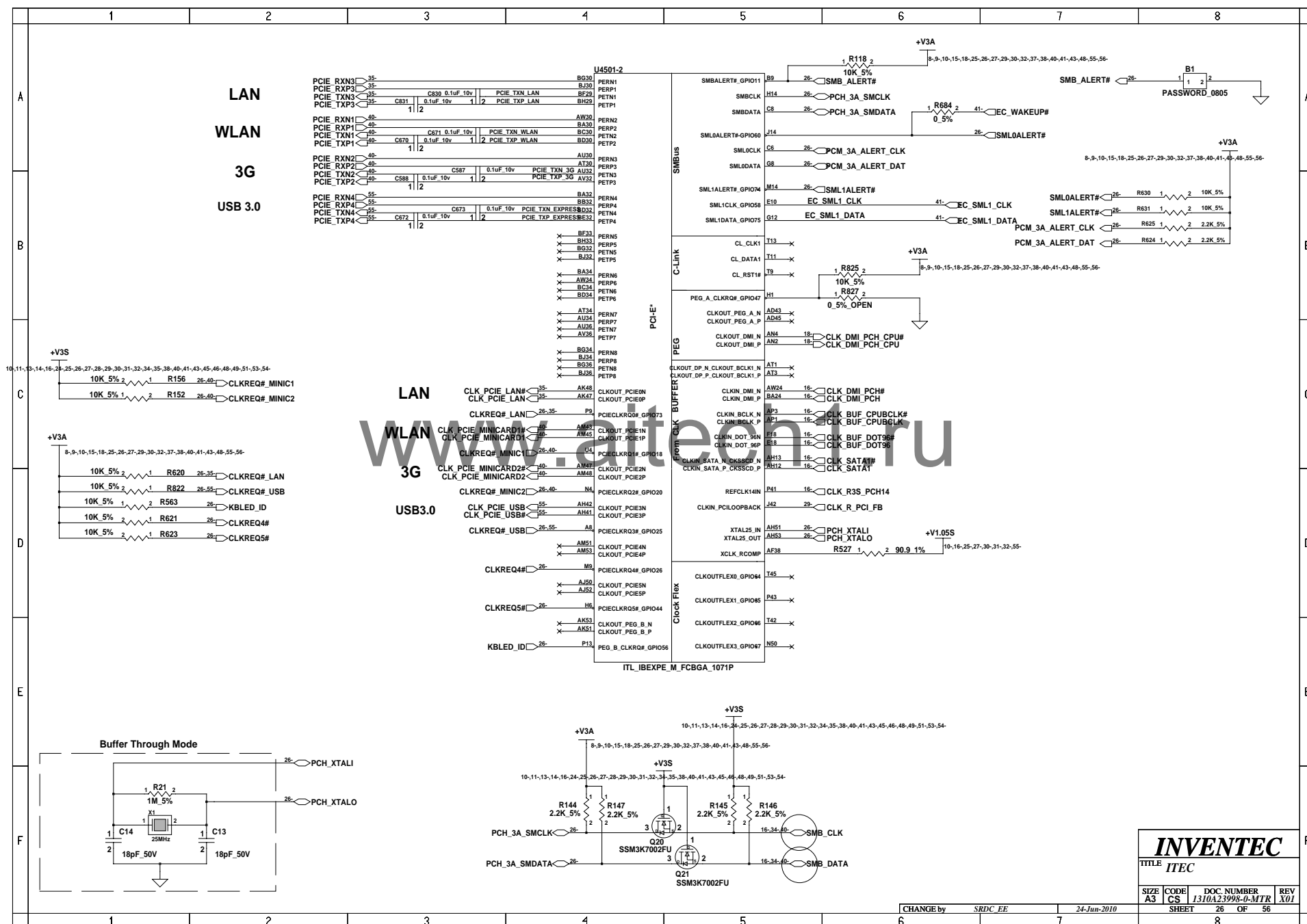
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SIZE	CODE	DOC. NUMBER	REV
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SHEET		24	OF 56

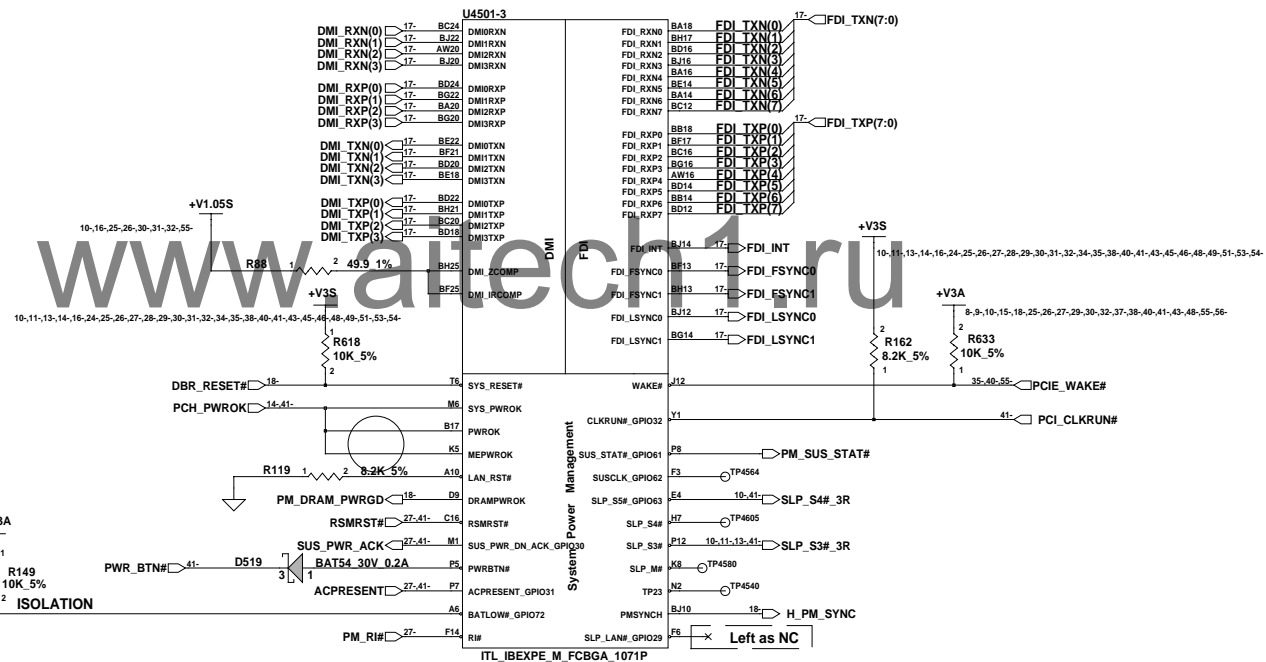
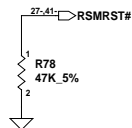
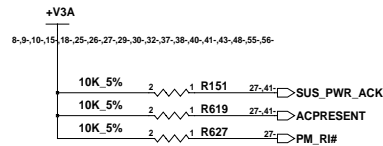
CHANGE by SRDC\_EE 24-Jun-2010

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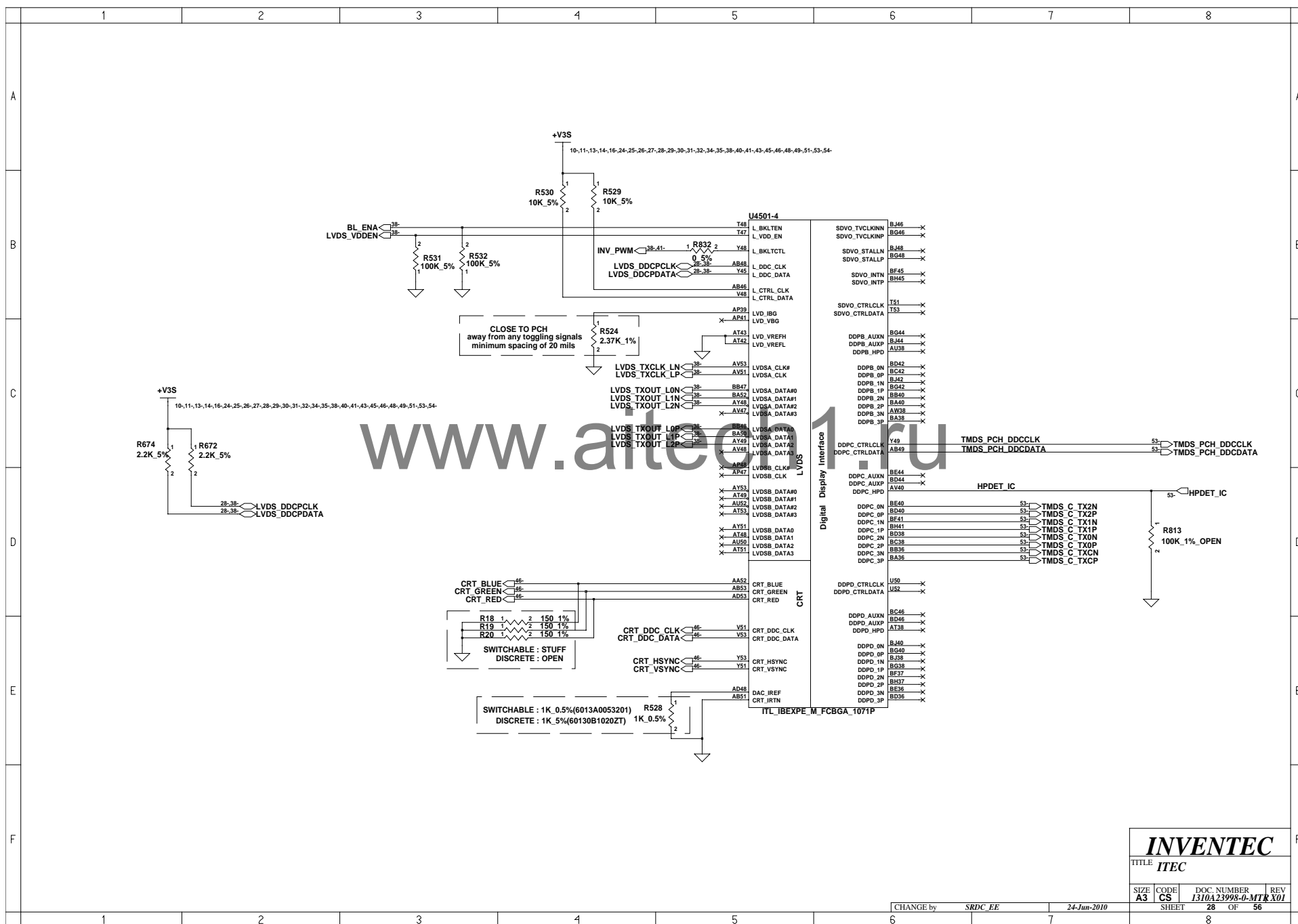




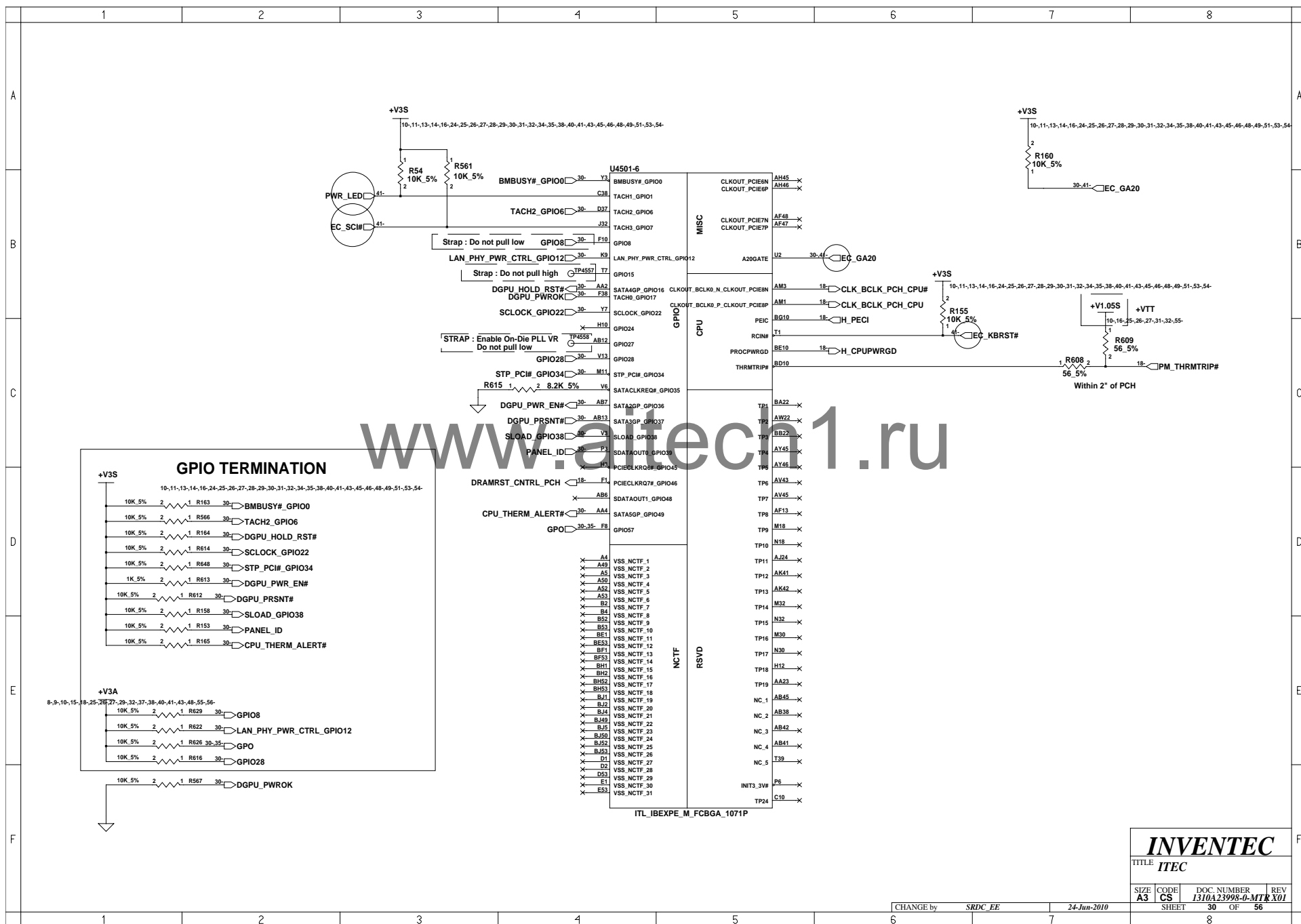
**INVENTEC**

TITLE ITEC			
SIZE	CODE	DOC. NUMBER	REV

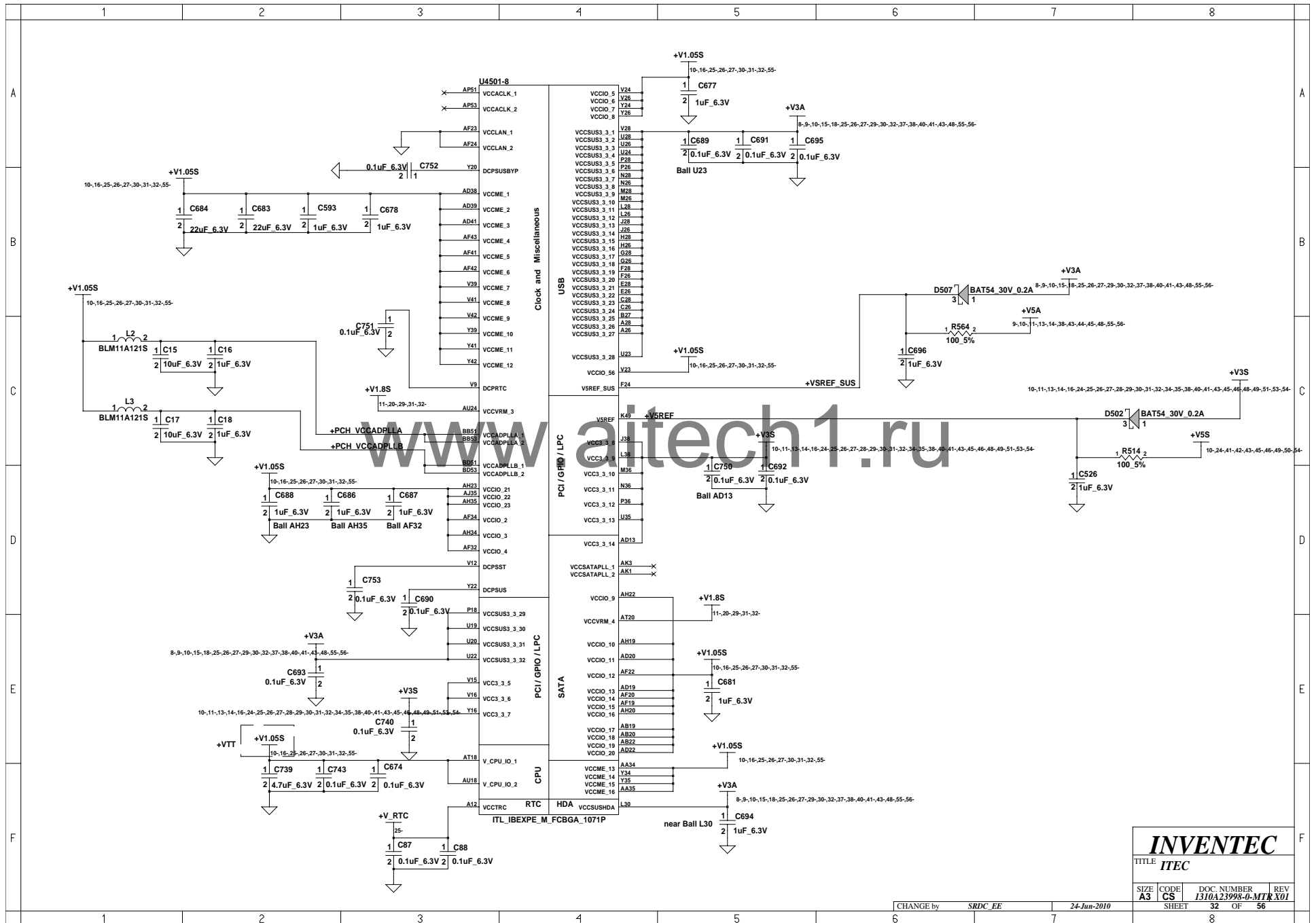
CHANGE by SHEET 8 OF









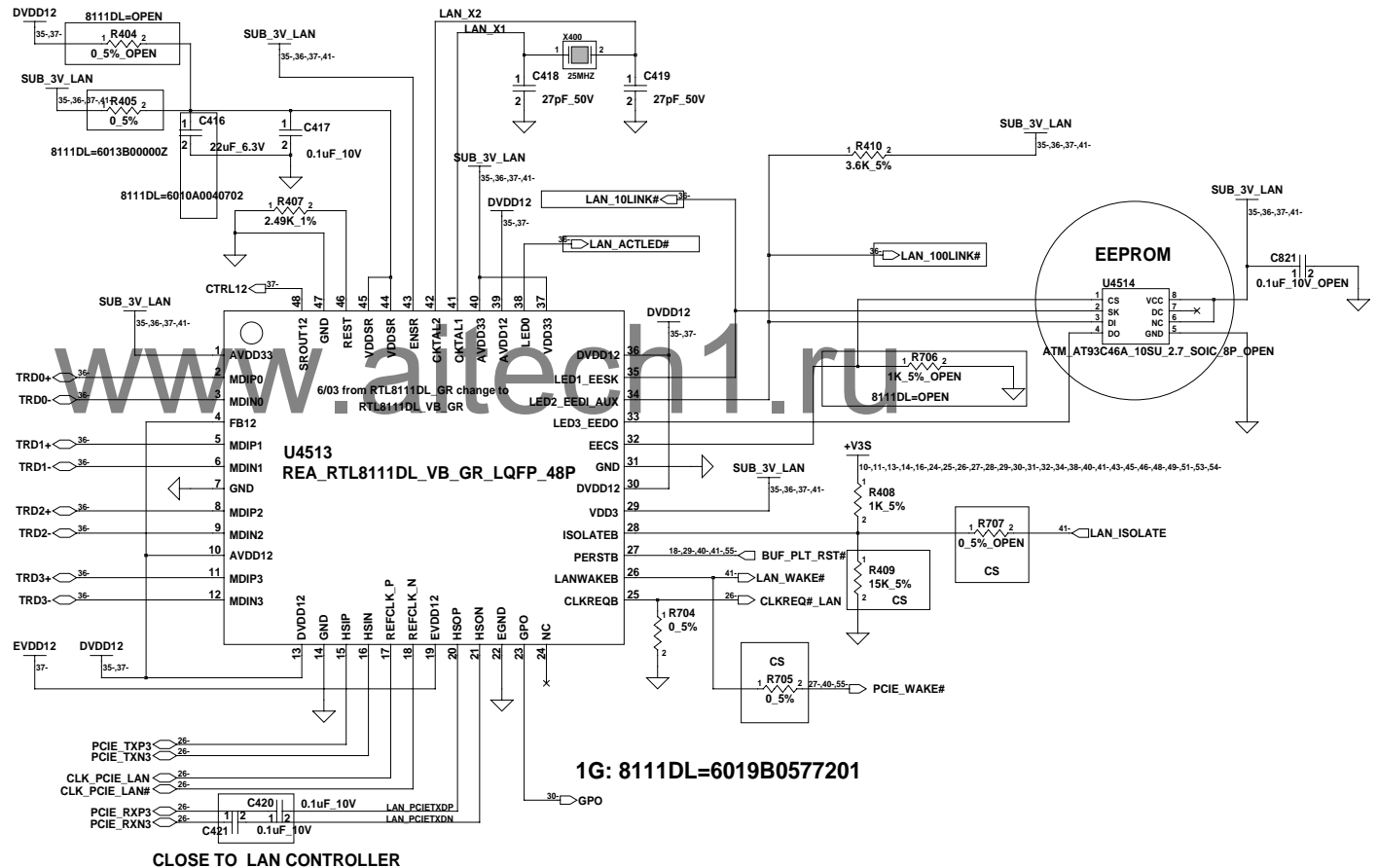








# LAN CONTROLLER



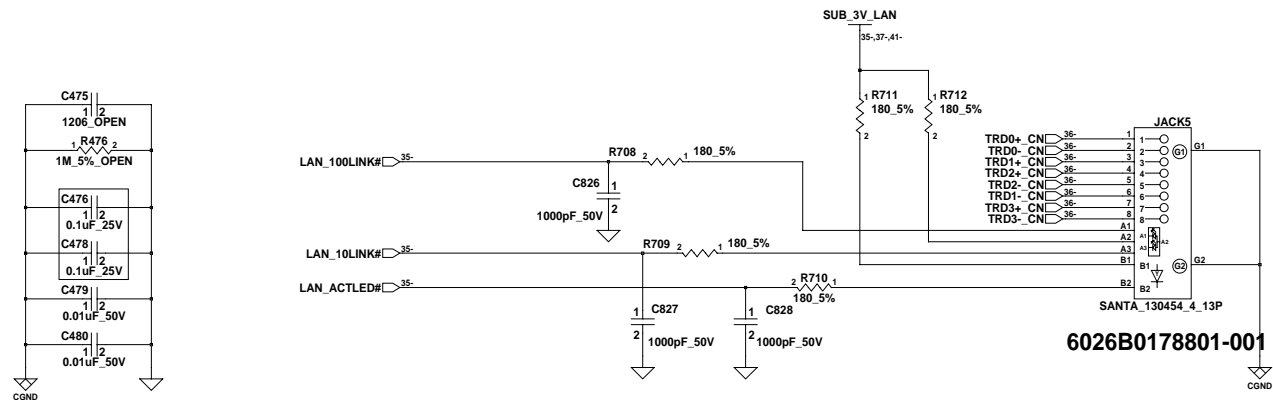
DELICOMBENIABORBEARY

**INVENTEC**

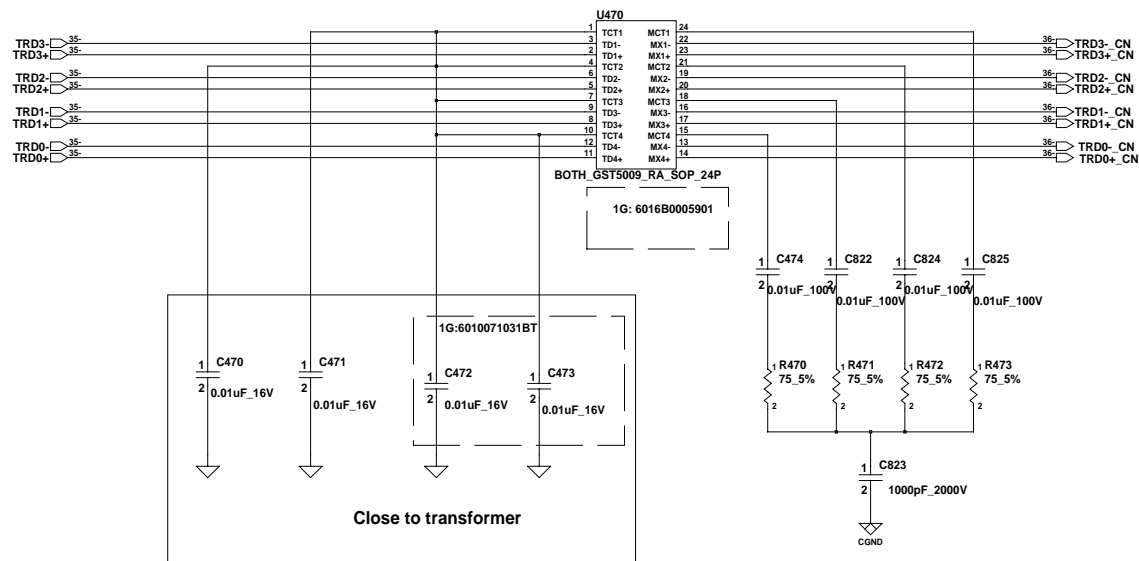
TITLE		ITEC	
SIZE		DDR2 SODIMM	
A3	CODE	DOC NUMBER	REV
		1310A23998-0-MTR	X01
SHEET		35 OF 56	
		8	

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RJ45



www.aitech1.ru



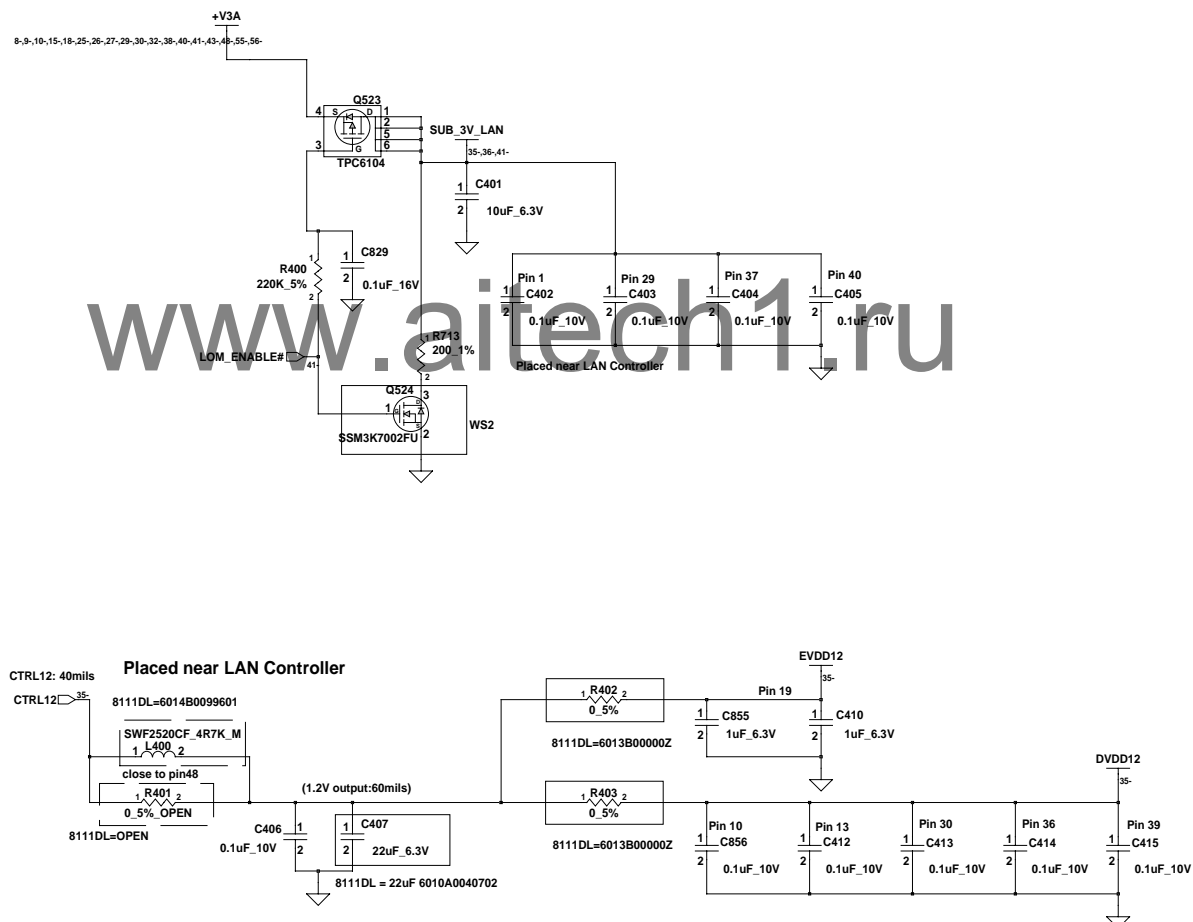
**INVENTEC**

TITLE			
ITEC			
DDR DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A23998-0-MTR	X01
SHEET		36	OF 56

CHANGE by SRDC\_EE 24-Jun-2010

8

## LAN POWER

**INVENTEC**

TITLE	ITEC
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SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A23998-0-MTR</b>	REV <b>X01</b>
SHEET 37 OF 56			

CHANGE by	SRDC_EE	24-Jun-2010
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CS 1310A23998-0-M1R  
SHEET 37 OF 56



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

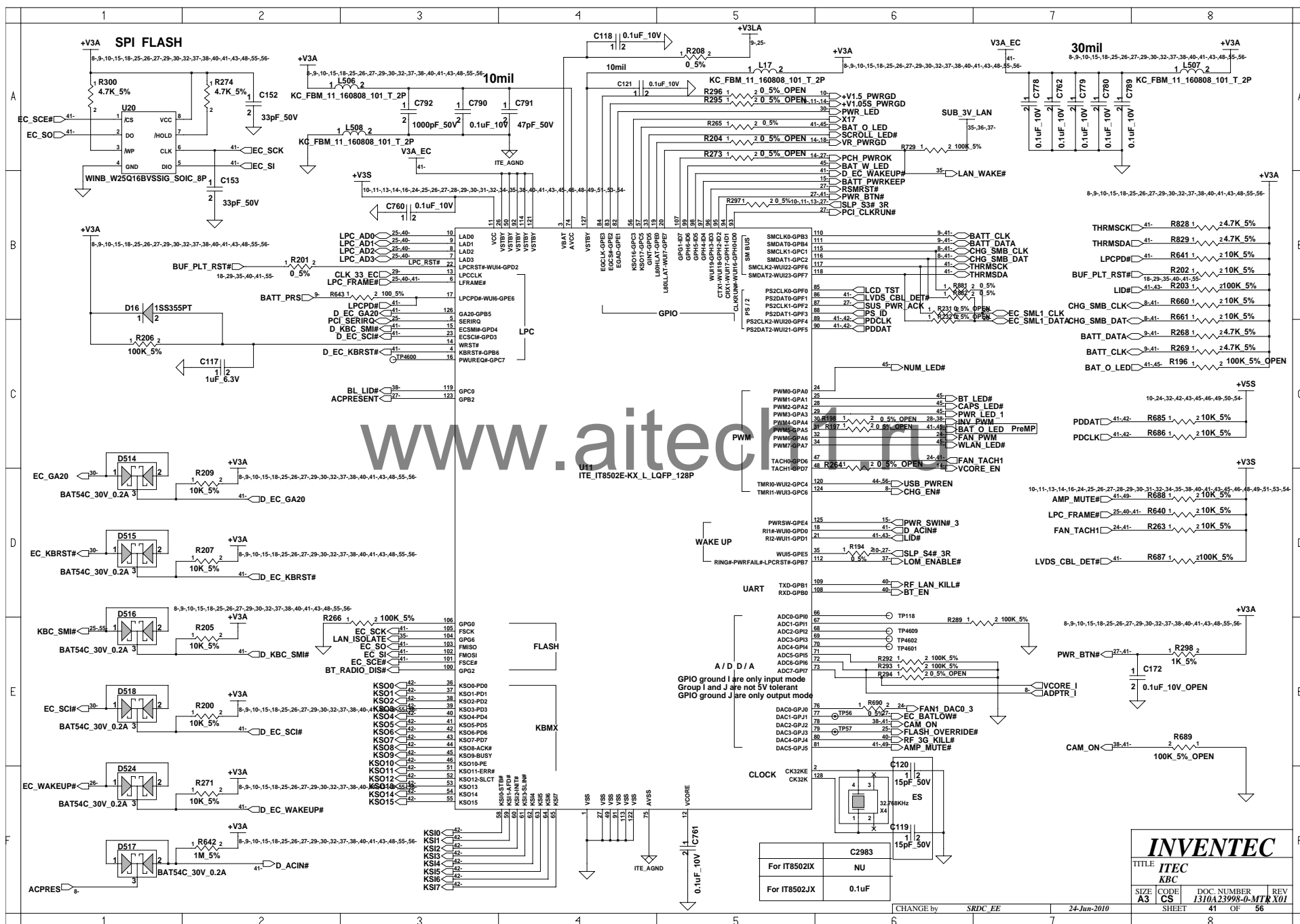
www.altech1.ru

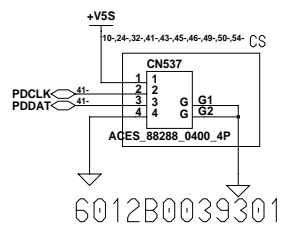
BLANK

INVENTEC			
TITLE ITEC			
HDD CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A23998-0-MTR	REV X01
CHANGE by SRDC EE		24-Jun-2010	
SHEET 39		OF 56	
		8	

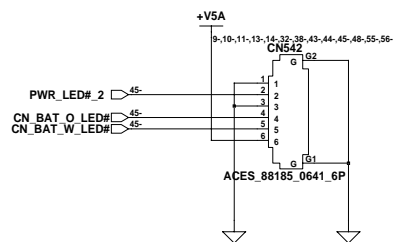






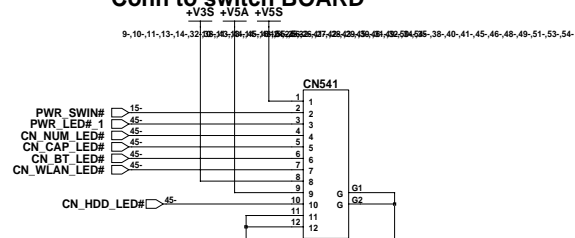


### Conn to LED BOARD



6012B0317701

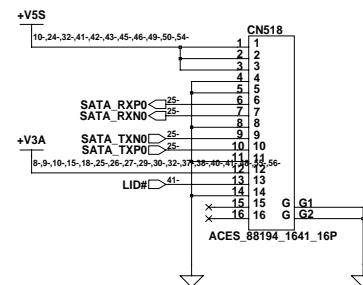
### Conn to switch BOARD



6012B0270603

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### Conn to HDD BOARD



6012B0240001

**INVENTEC**

TITLE			
ITEC			
IO Connector			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A23998-0-MTR	X01

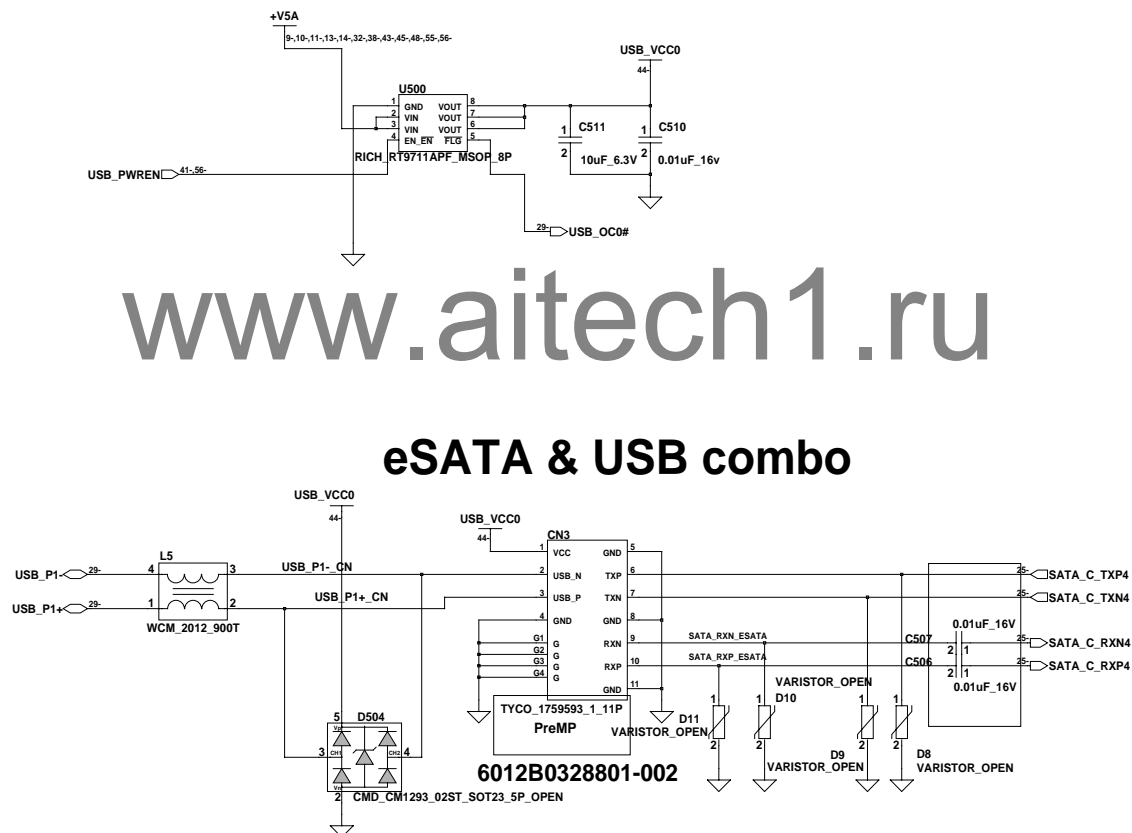
CHANGE by SRDC\_EE 24-Jun-2010

SHEET 43 OF 56

8

[illegible]

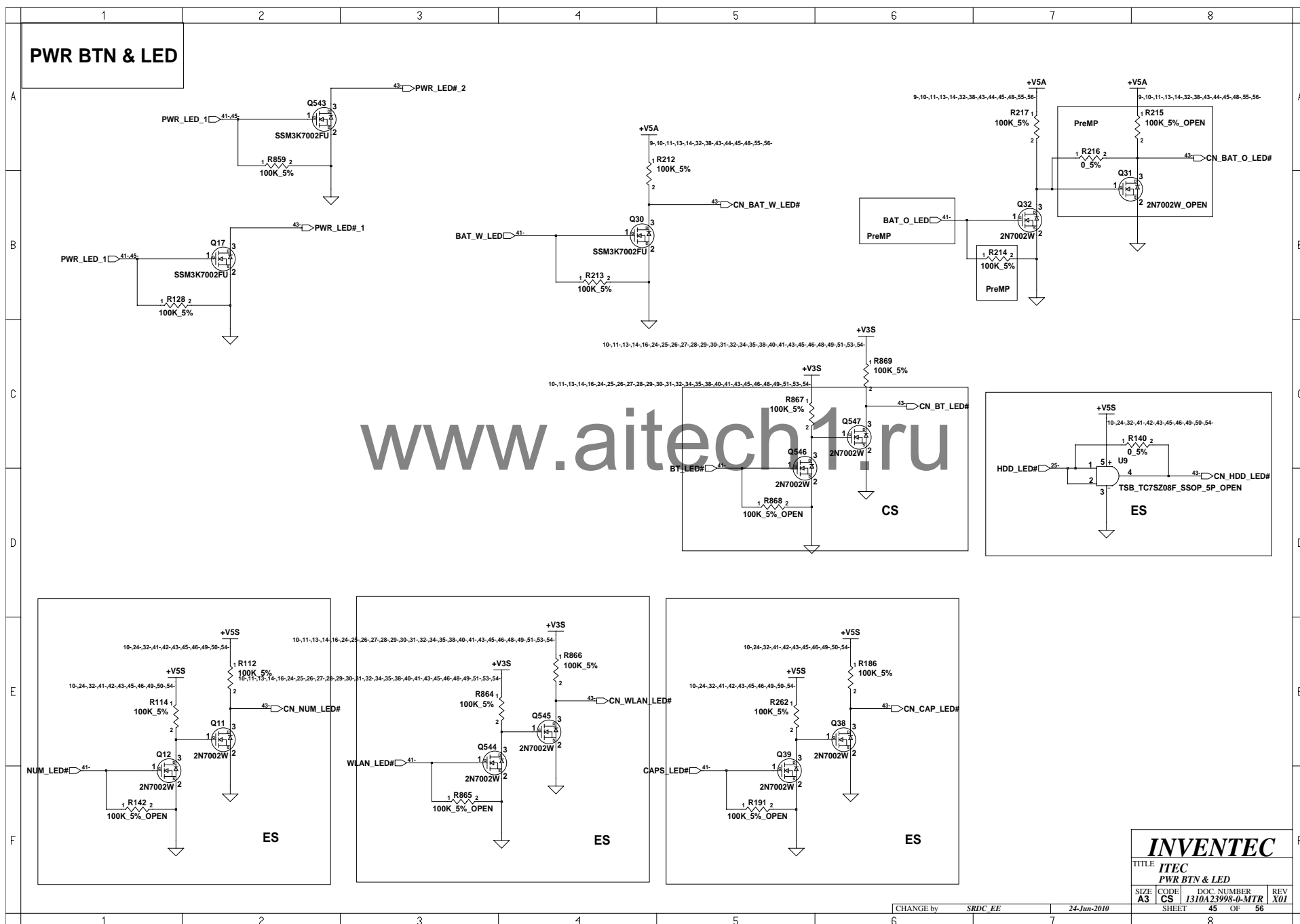
## eSATA & USB combo



TITLE <b>ITEC</b> <b>USB &amp; eSATA</b>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A23998-0-MTR</b>	REV <b>X01</b>
SHEET		44	OF 56

CHANGE by	SRDC EE	24-Jun-2010
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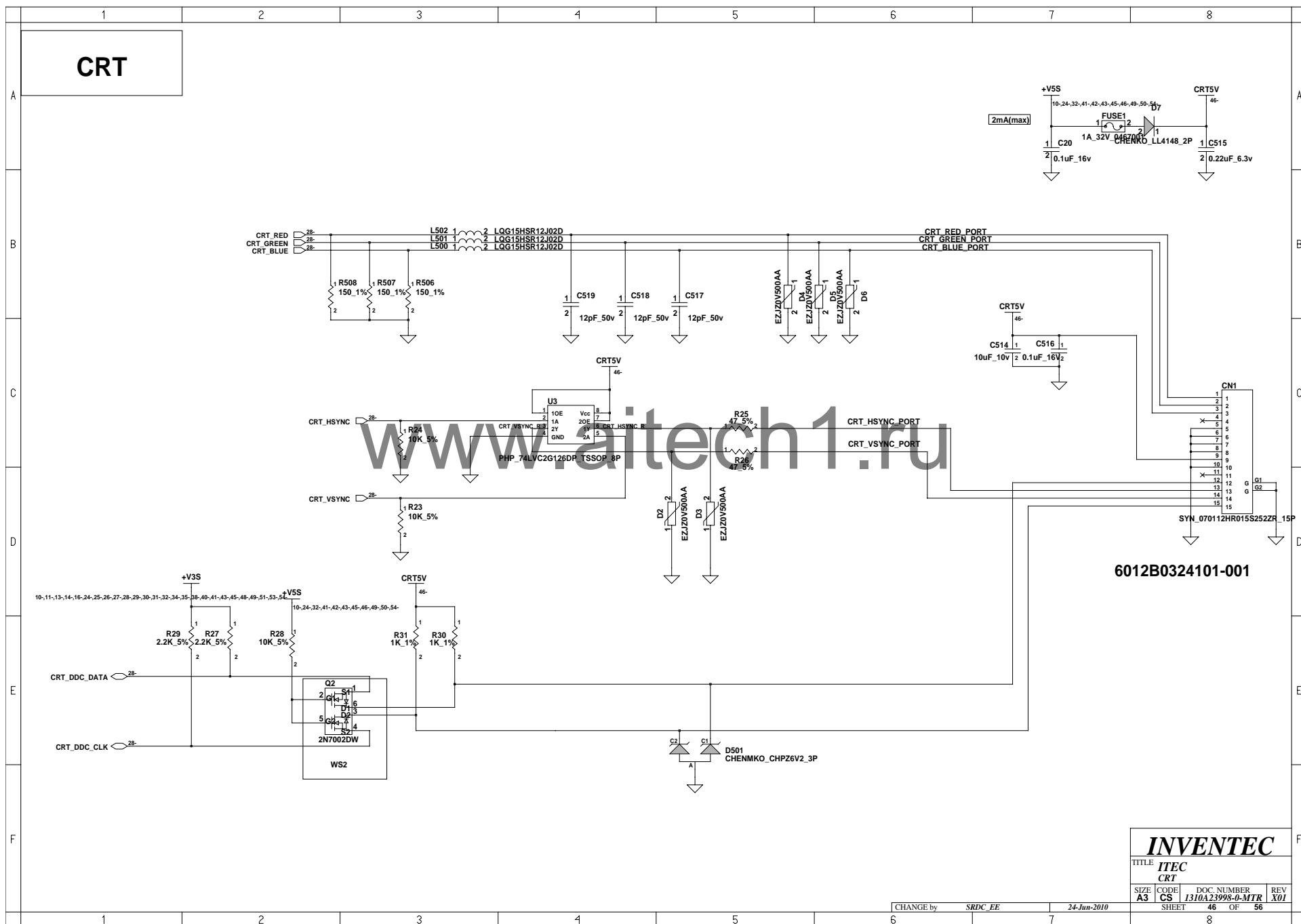
# PWR BTN & LED



**INVENTEC**

TITLE: **ITEC**  
**PWR BTN & LED**  
 SIZE: **A3** CODE: **CS** DOC. NUMBER: **1310A23998-0-MTR** REV: **X01**  
 SHEET: **45** OF **56**

CHANGE by: **SRDC\_EE** 24-Jun-2010



INVENTEC			
TITLE	ITEC		
SIZE	CS	DOC. NUMBER	REV
A3	1310A23998-0-MTR		X01
SHEET	46	OF	56

CHANGE by SRDC\_EE 24-Jun-2010

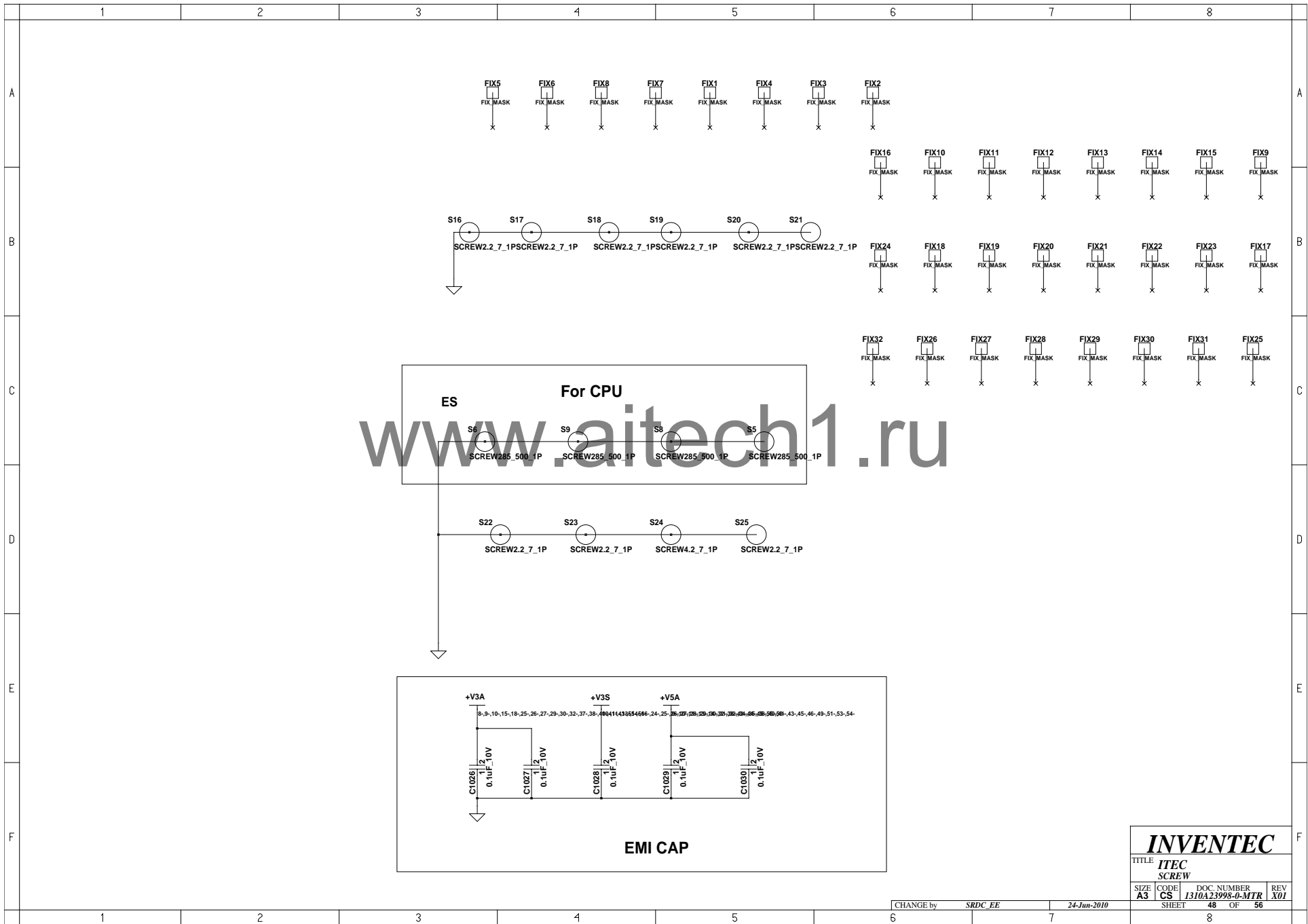
www.aitech1.ru

**INVENTEC**

TITLE			
ITEC			
3D sensor			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A23998-0-MTR	X01
SHEET		47	OF 56

CHANGE by	SRDC_EE	24-Jun-2010
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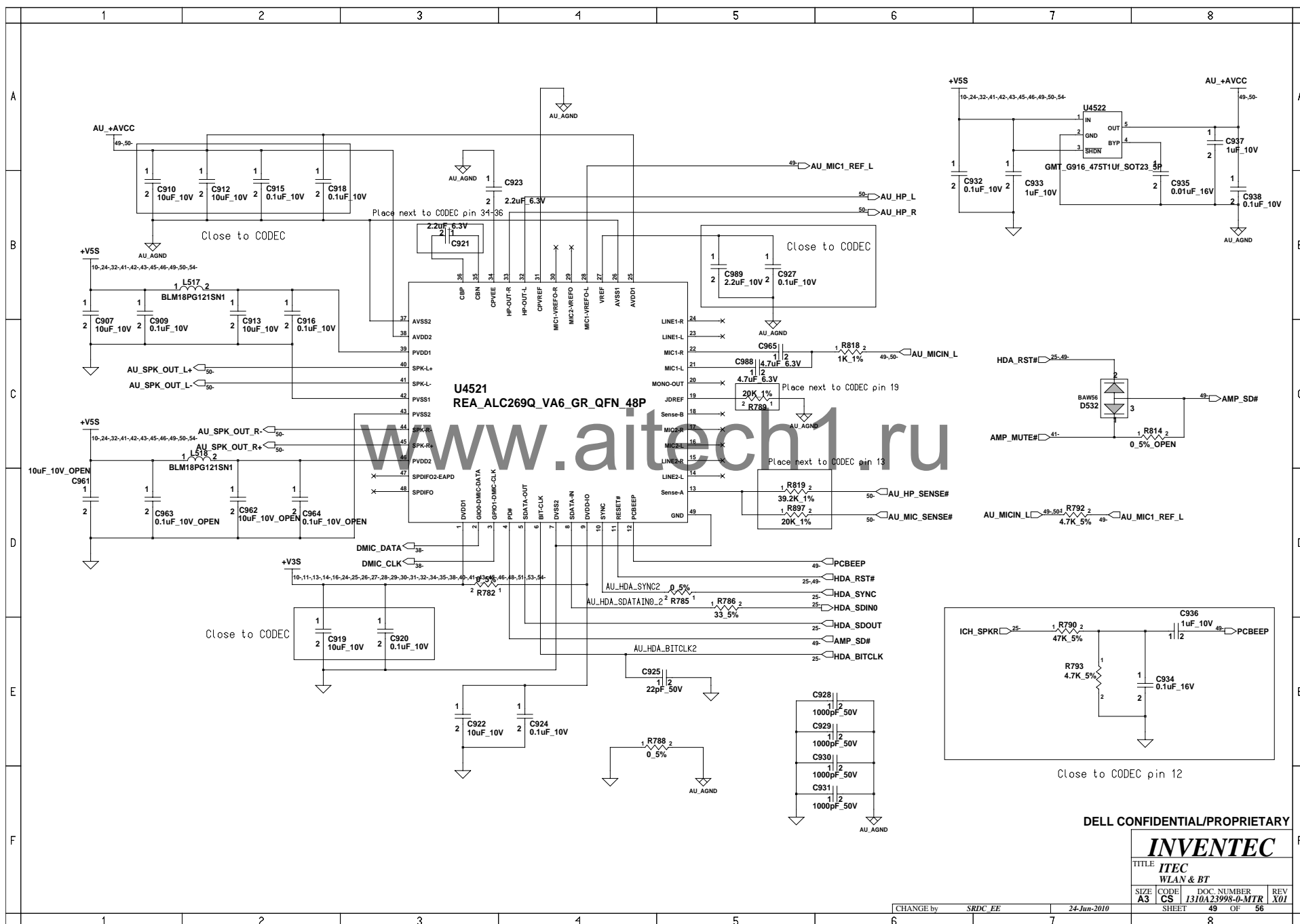
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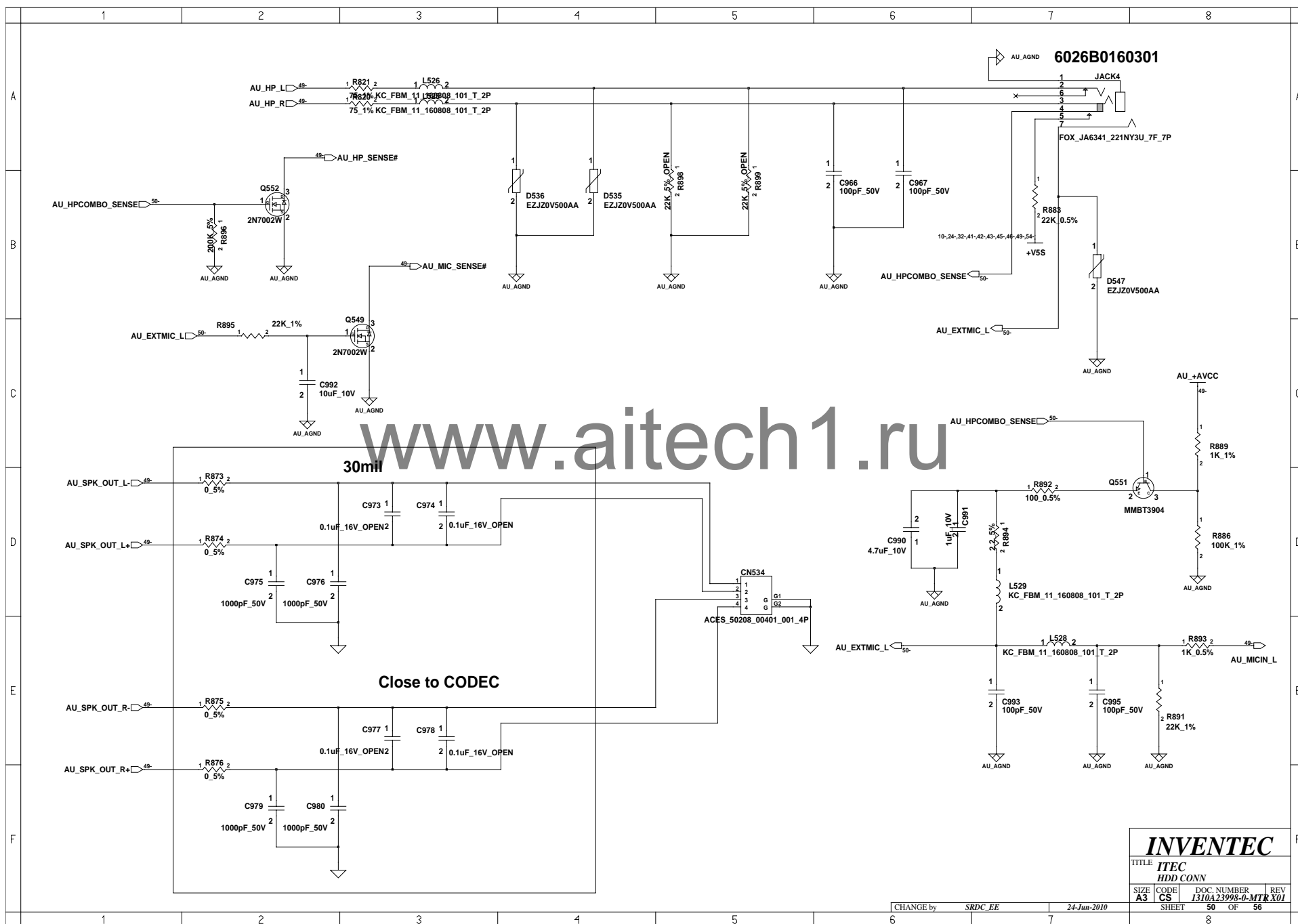


TITLE			
ITEC			
SCREW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A23998-0-MTR	X01
SHEET		48	OF 56

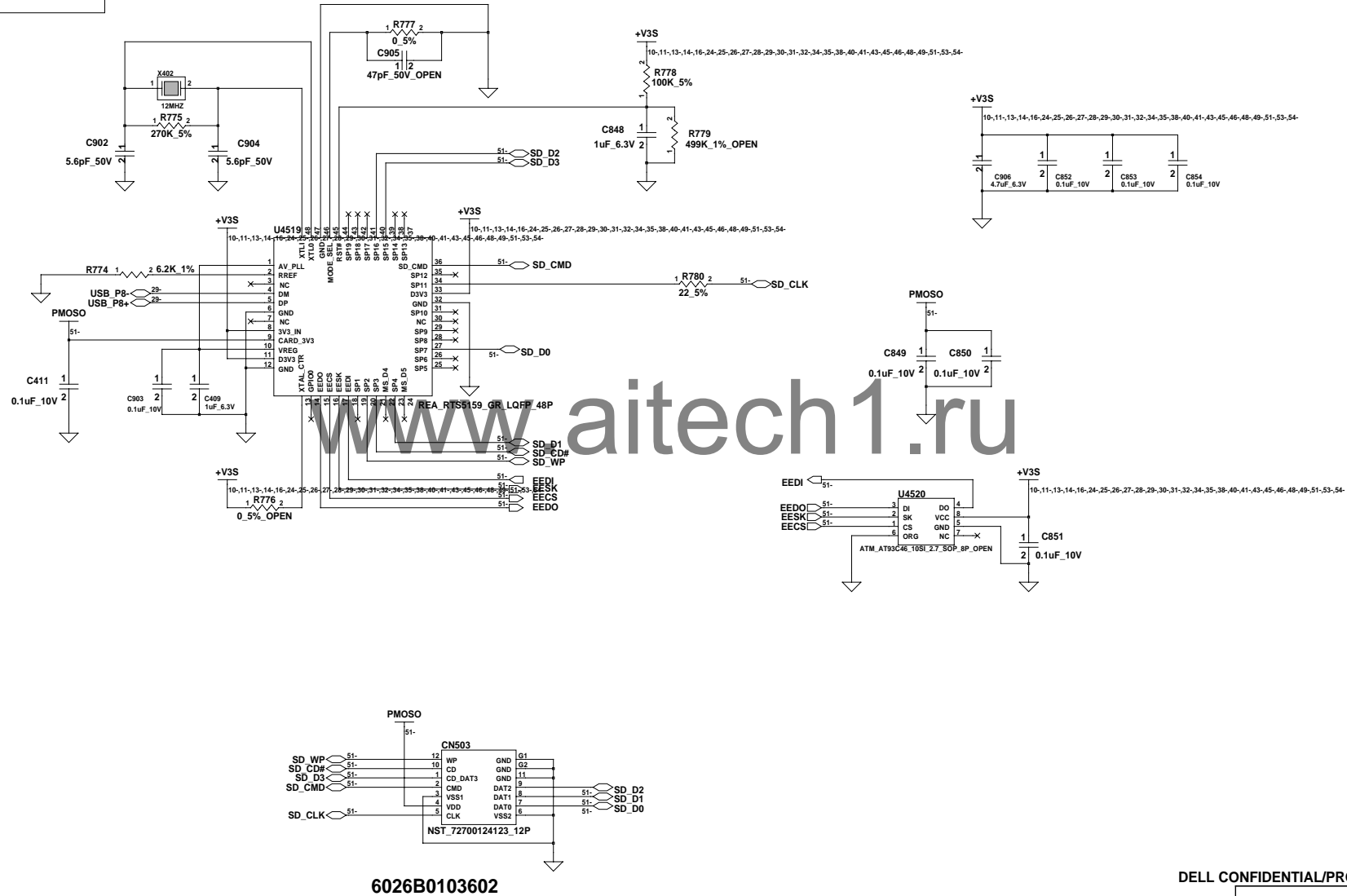
CHANGE by SRDC EE 24-Jun-2010







# Card Reader



DELL CONFIDENTIAL/PROPRIETARY

**INVENTEC**

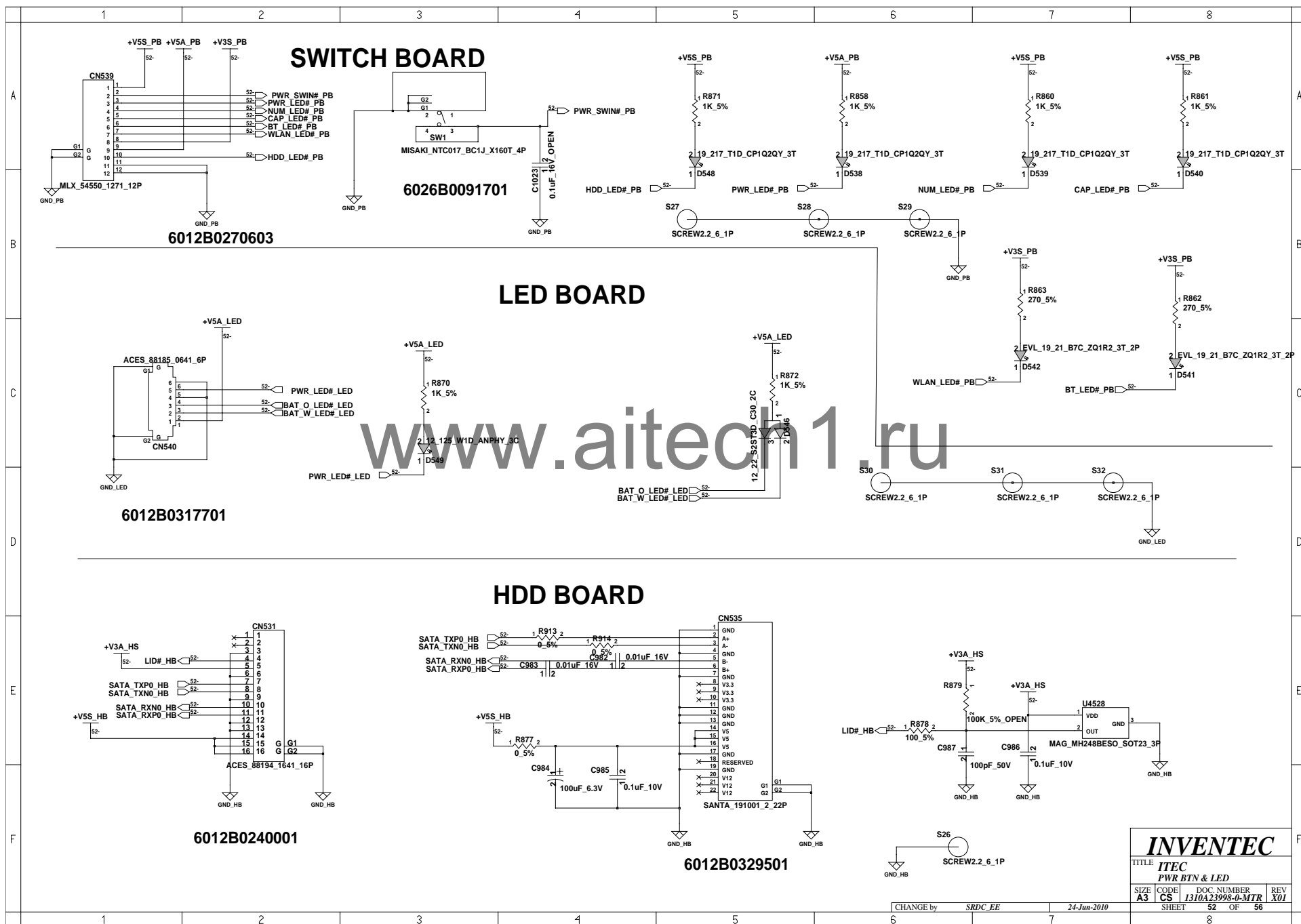
TITLE ITEC

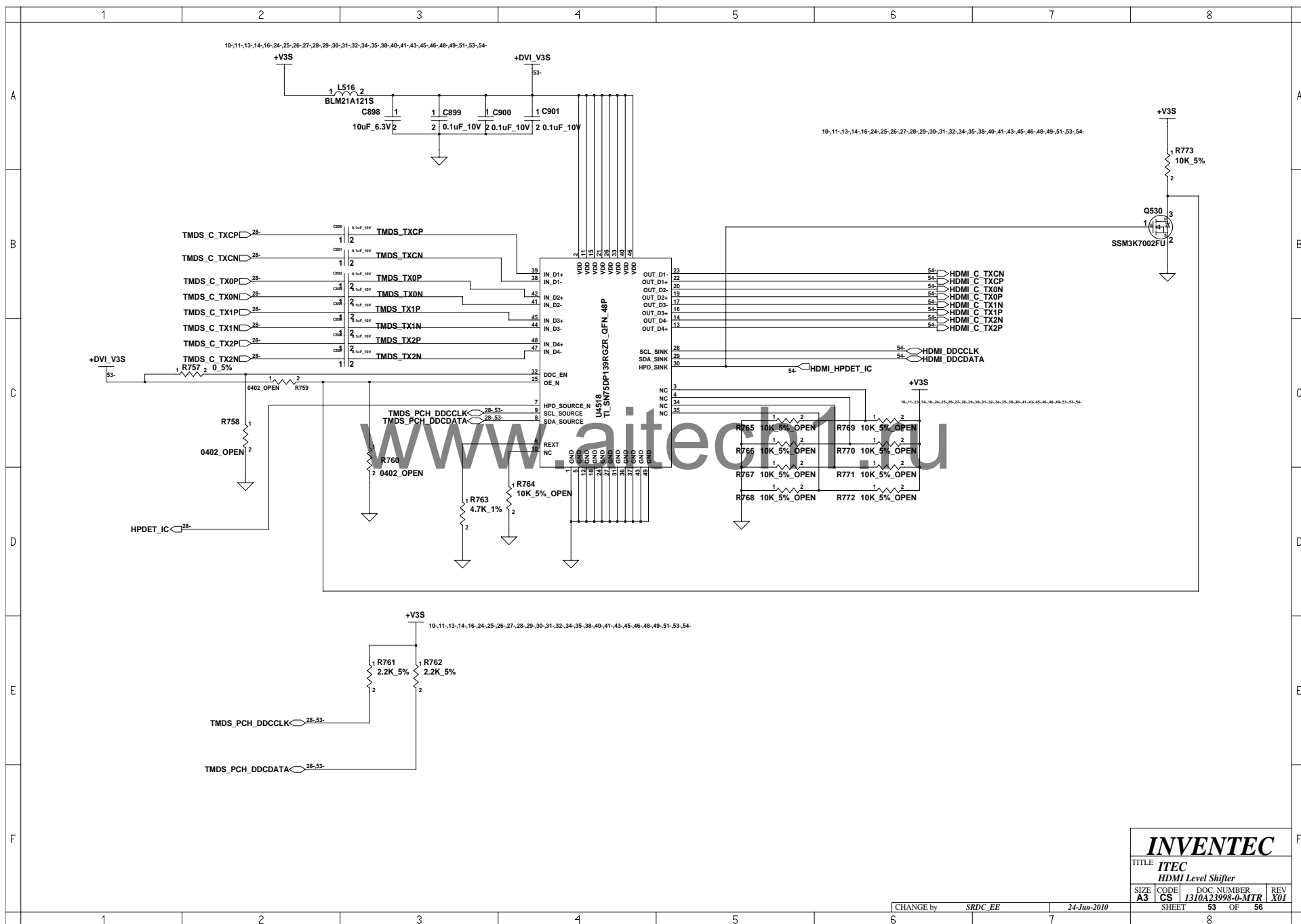
SIZE CODE DOC. NUMBER REV

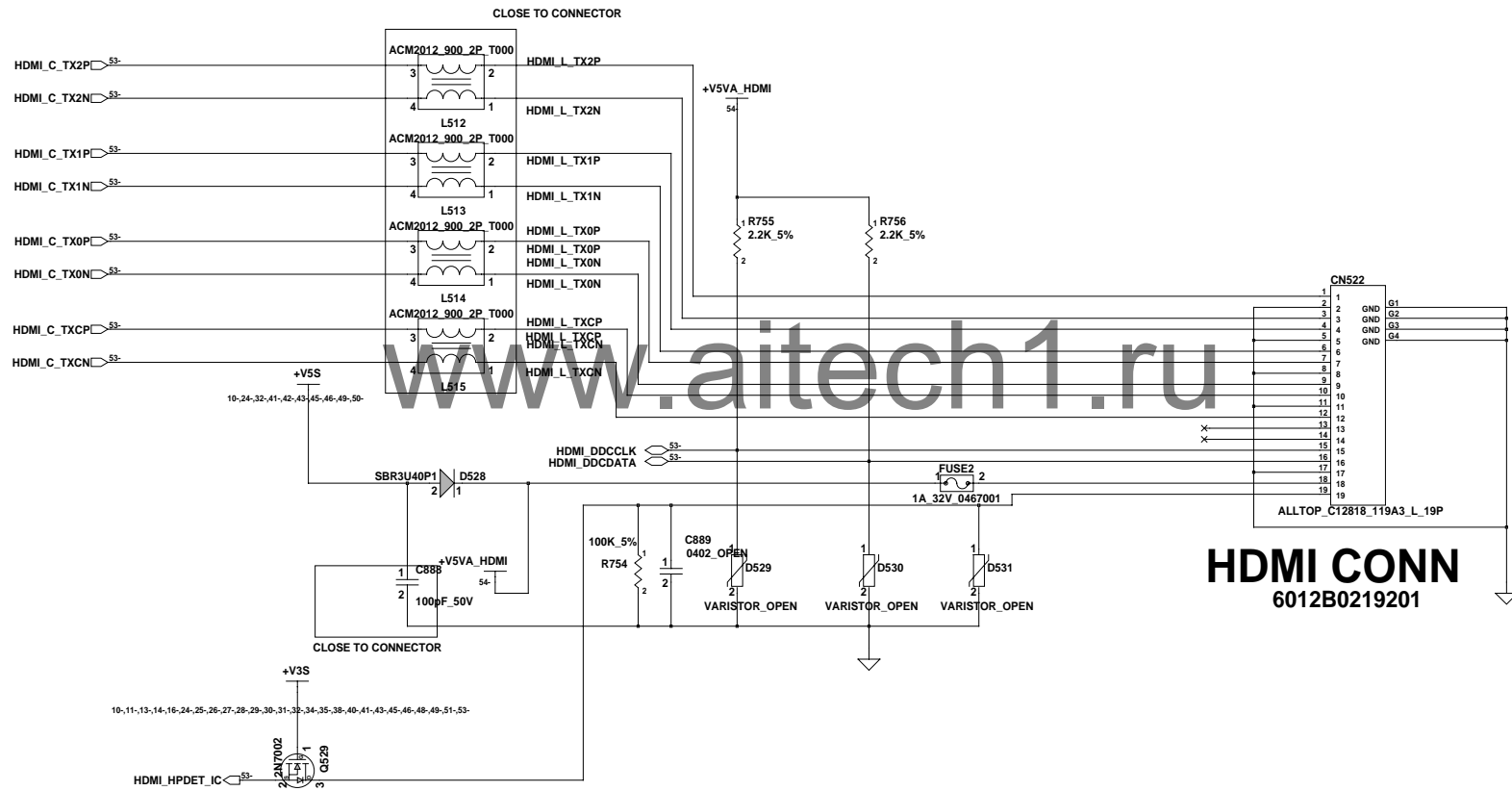
SHEET OF

CHANGE by

8







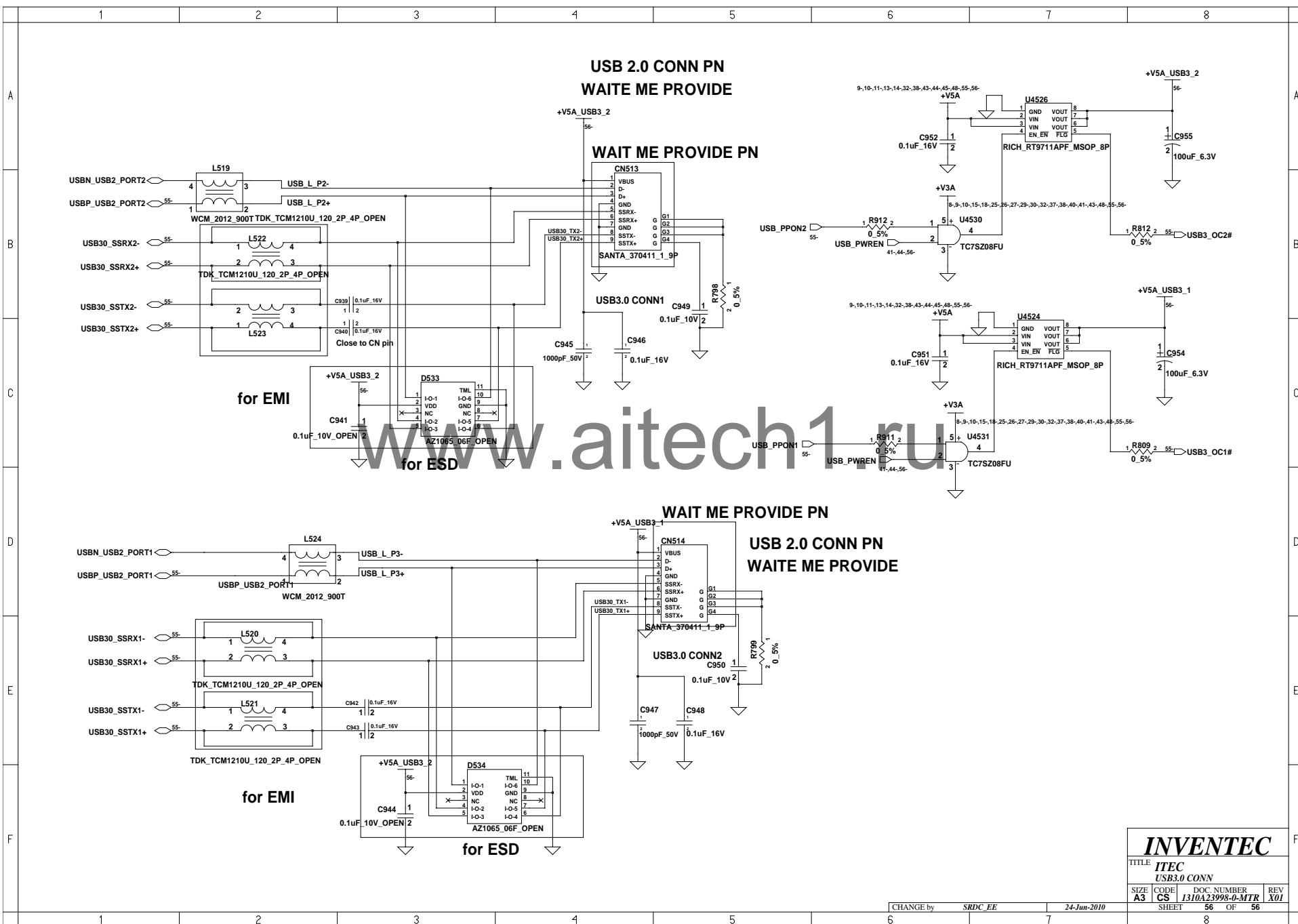
**INVENTEC**

TITLE		ITEC		
		HDMI CONN		
SIZE	CODE	DOC. NUMBER	REV	
A3	CS	I310A23998-0-MTR	X01	
SHEET		54	OF 56	

CHANGE by SRDC EE 24-Jun-2010

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<b>INVENTEC</b>			
TITLE <b>ITEC</b>			
USB3.0 CONN			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>I310A23998-0-MTR</b>	REV <b>X01</b>
CHANGE by <b>SRDC_EE</b>		24-Jun-2010	
SHEET <b>56</b>		OF <b>56</b>	
		8	