

	1	2	3	4	5	6	7	8																																																											
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F	<table border="1"><thead><tr><th>DATE</th><th>CHANGE NO.</th><th>REV</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		DATE	CHANGE NO.	REV																												<table border="1"><thead><tr><th>EE</th><th>DATE</th><th>POWER</th><th>DATE</th></tr></thead><tbody><tr><td>DRAWER</td><td></td><td></td><td></td></tr><tr><td>DESIGN</td><td></td><td></td><td></td></tr><tr><td>CHECK</td><td></td><td></td><td></td></tr><tr><td>RESPONSIBLE</td><td></td><td></td><td></td></tr></tbody></table>		EE	DATE	POWER	DATE	DRAWER				DESIGN				CHECK				RESPONSIBLE				<table border="1"><thead><tr><th>SIZE</th><th>CODE</th><th>DOC. NUMBER</th><th>REV</th></tr></thead><tbody><tr><td>A3</td><td>CS</td><td>1310A22592-0-MTR</td><td>A01</td></tr></tbody></table>		SIZE	CODE	DOC. NUMBER	REV	A3	CS	1310A22592-0-MTR	A01	INVENTEC Hublot_UMA		F
DATE	CHANGE NO.	REV																																																																	
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Hublot-UMA

PV_DDR3 (A01)

2009.04.21

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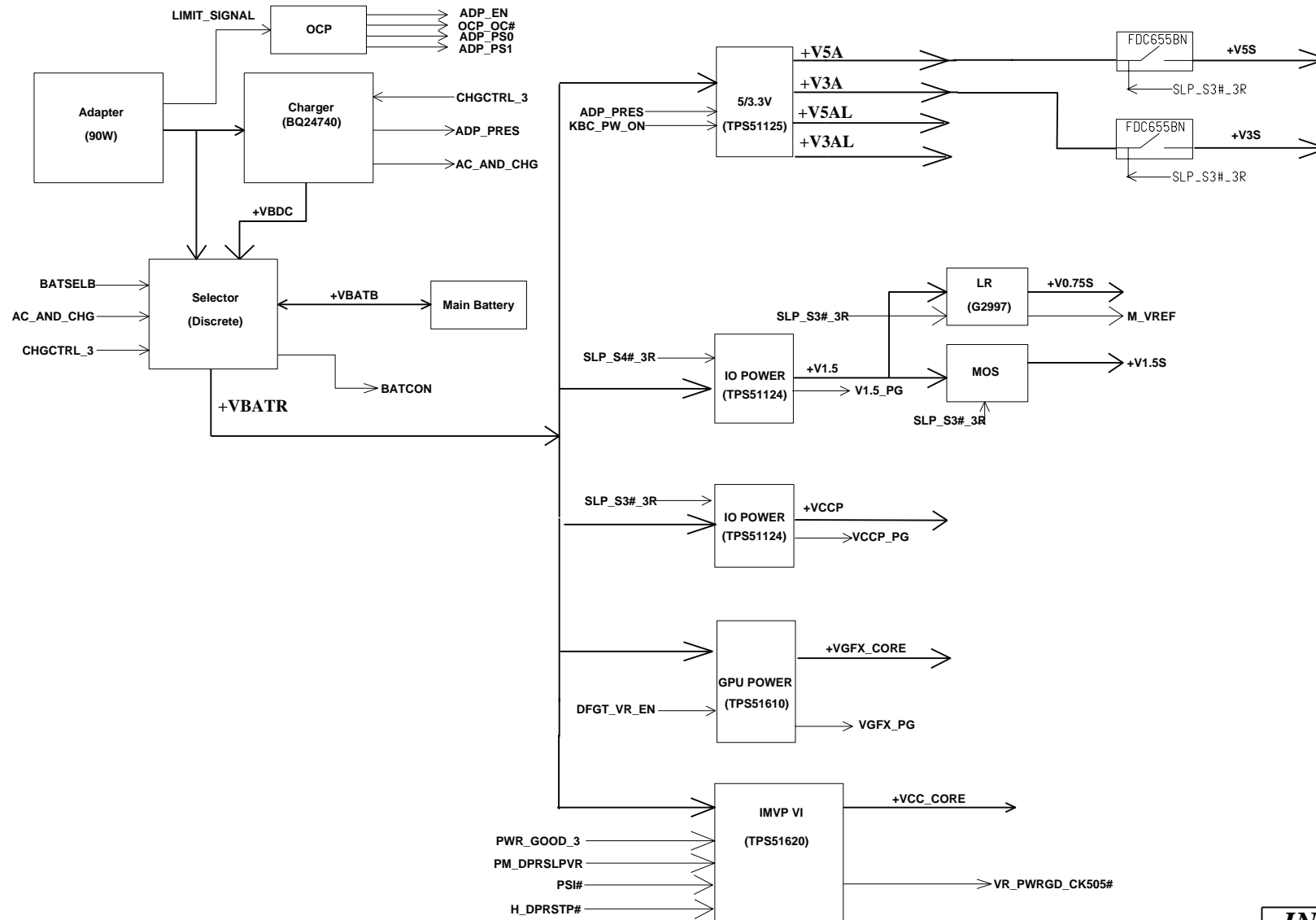
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- 49- DB - CAP Sense board
- 50- DB - HDD Extend board
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- 53- DB - Power Switch & Sim Card board

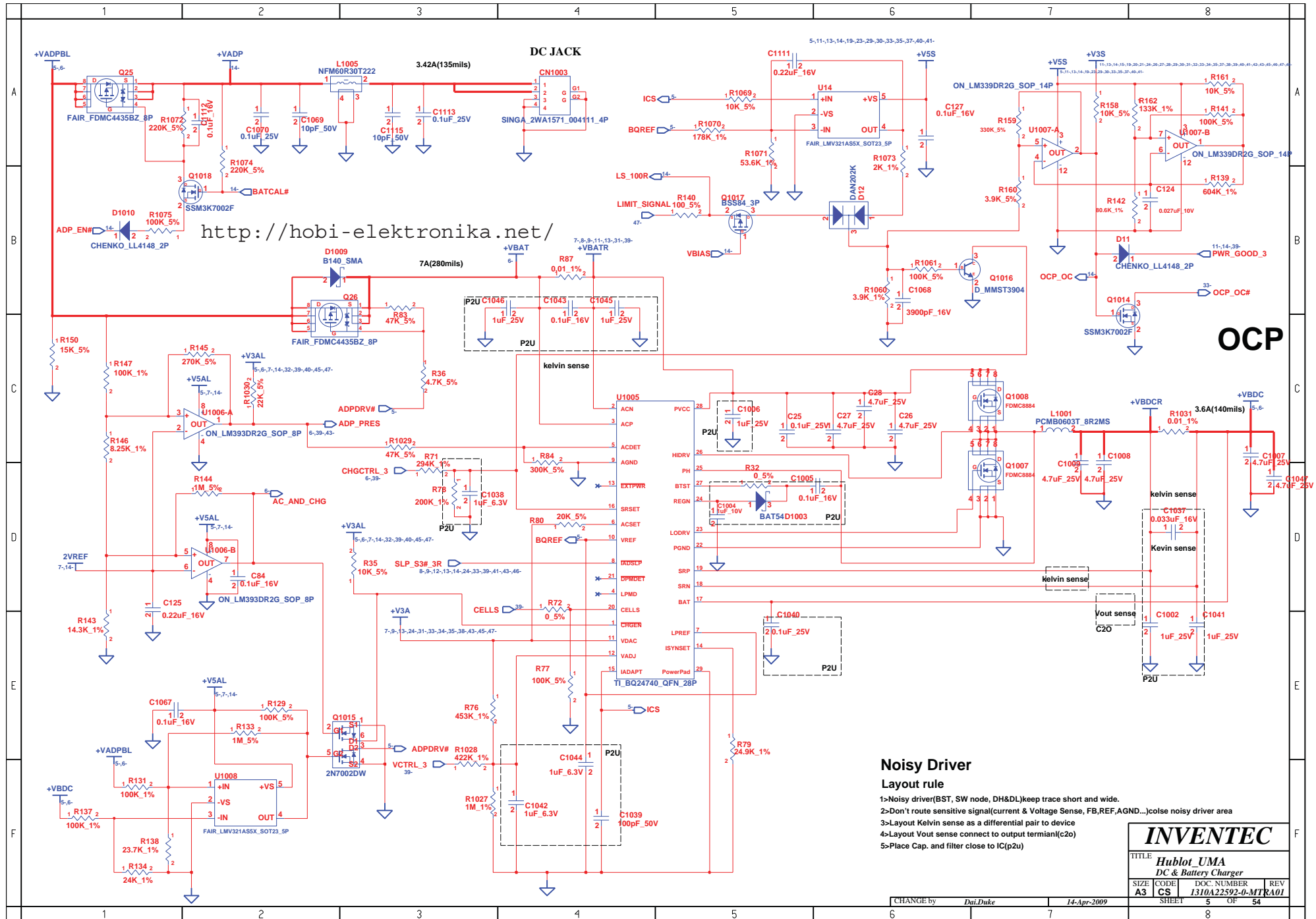
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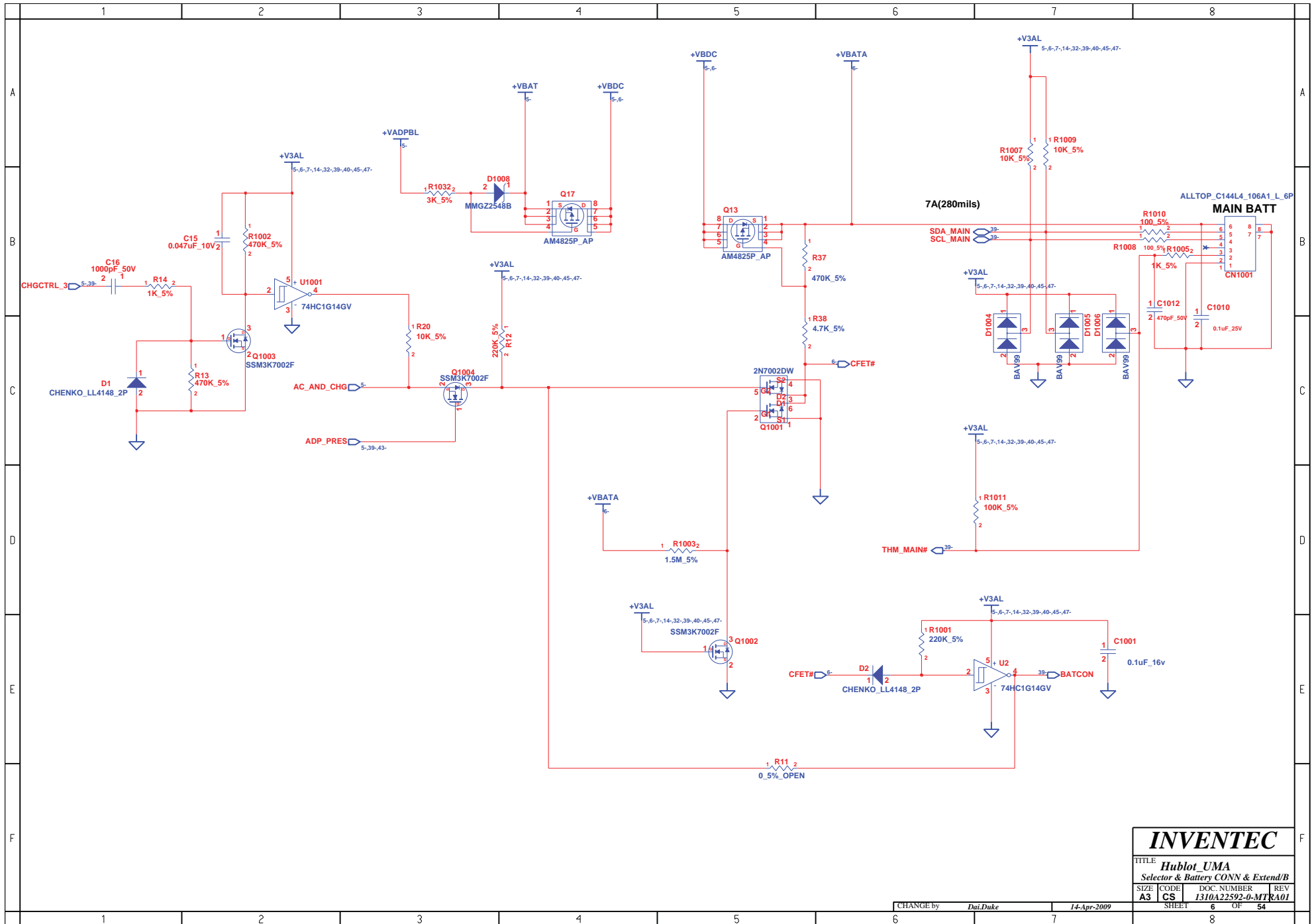
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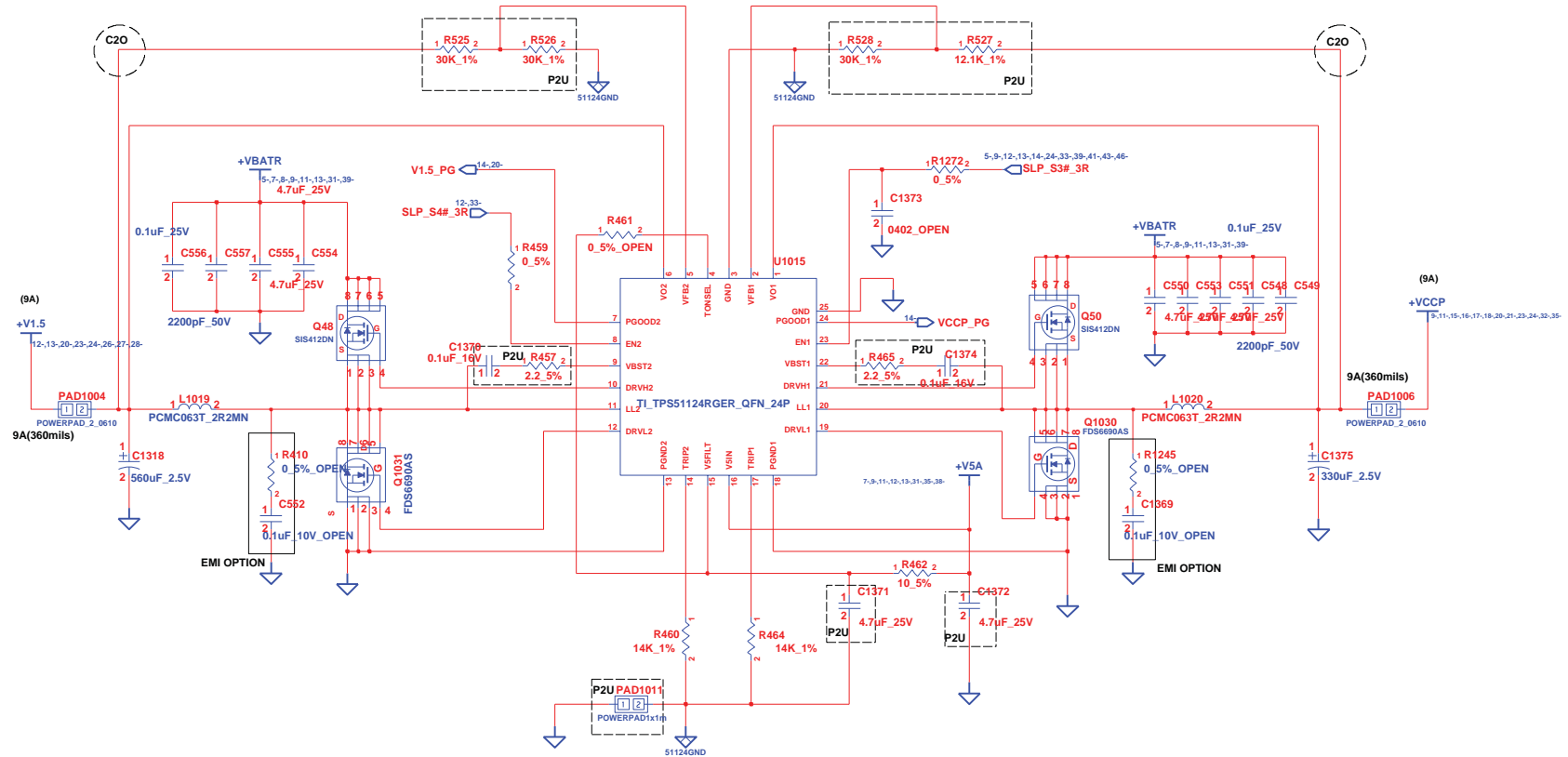
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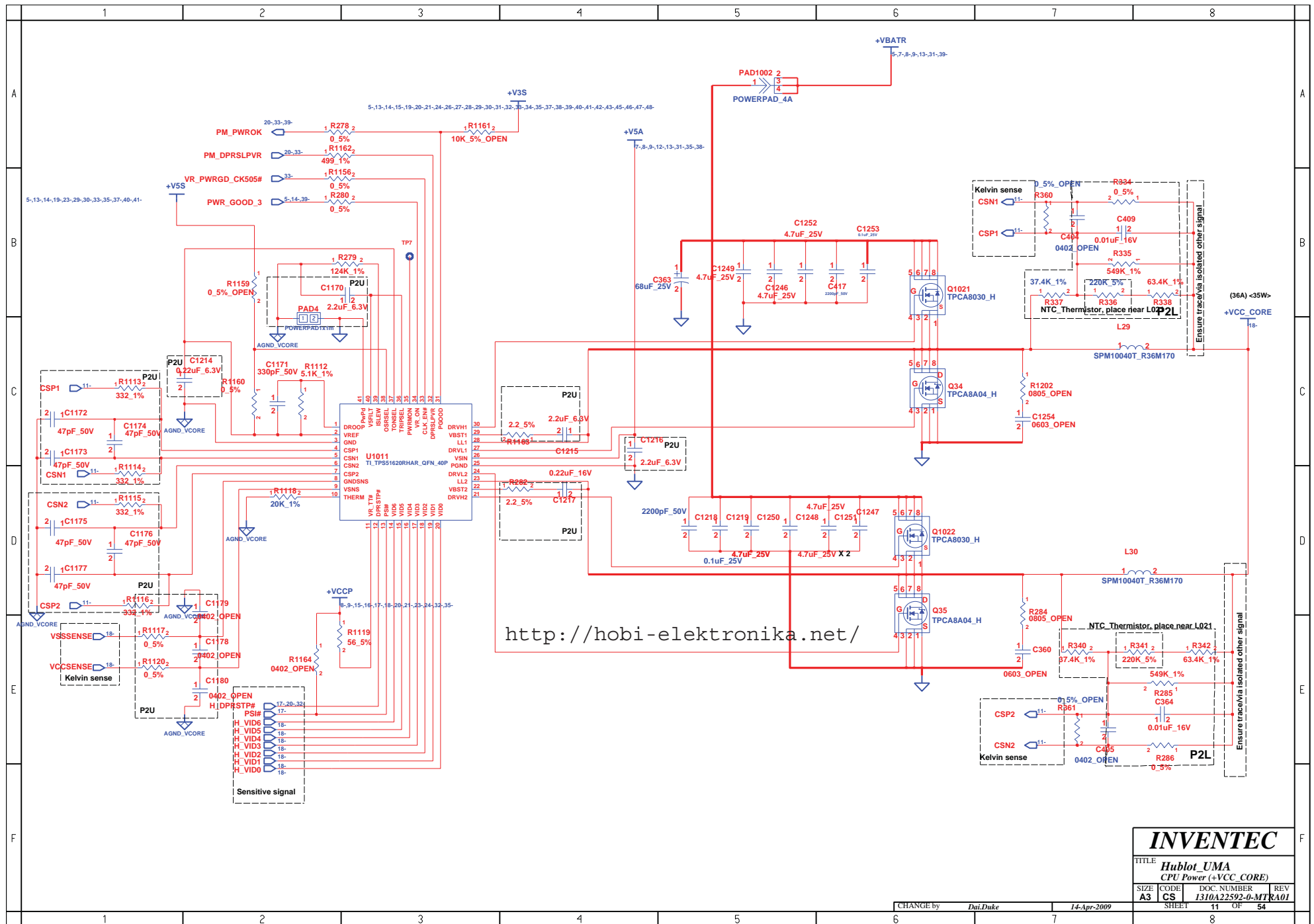
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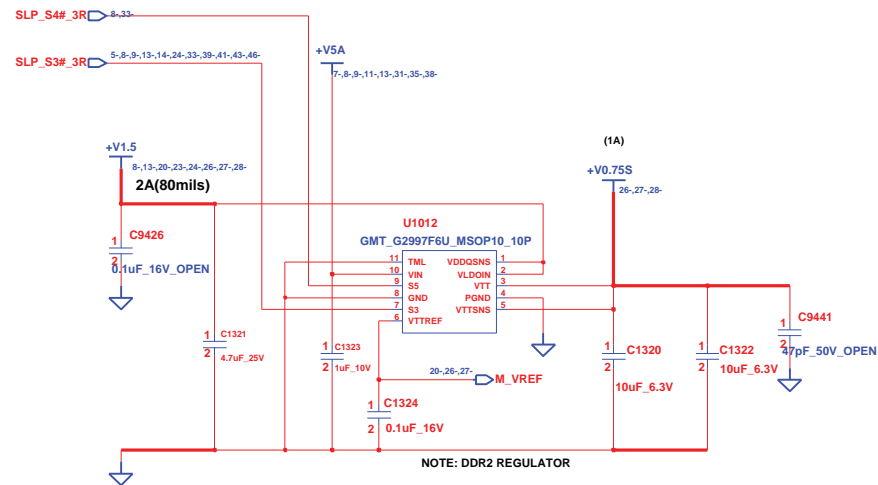
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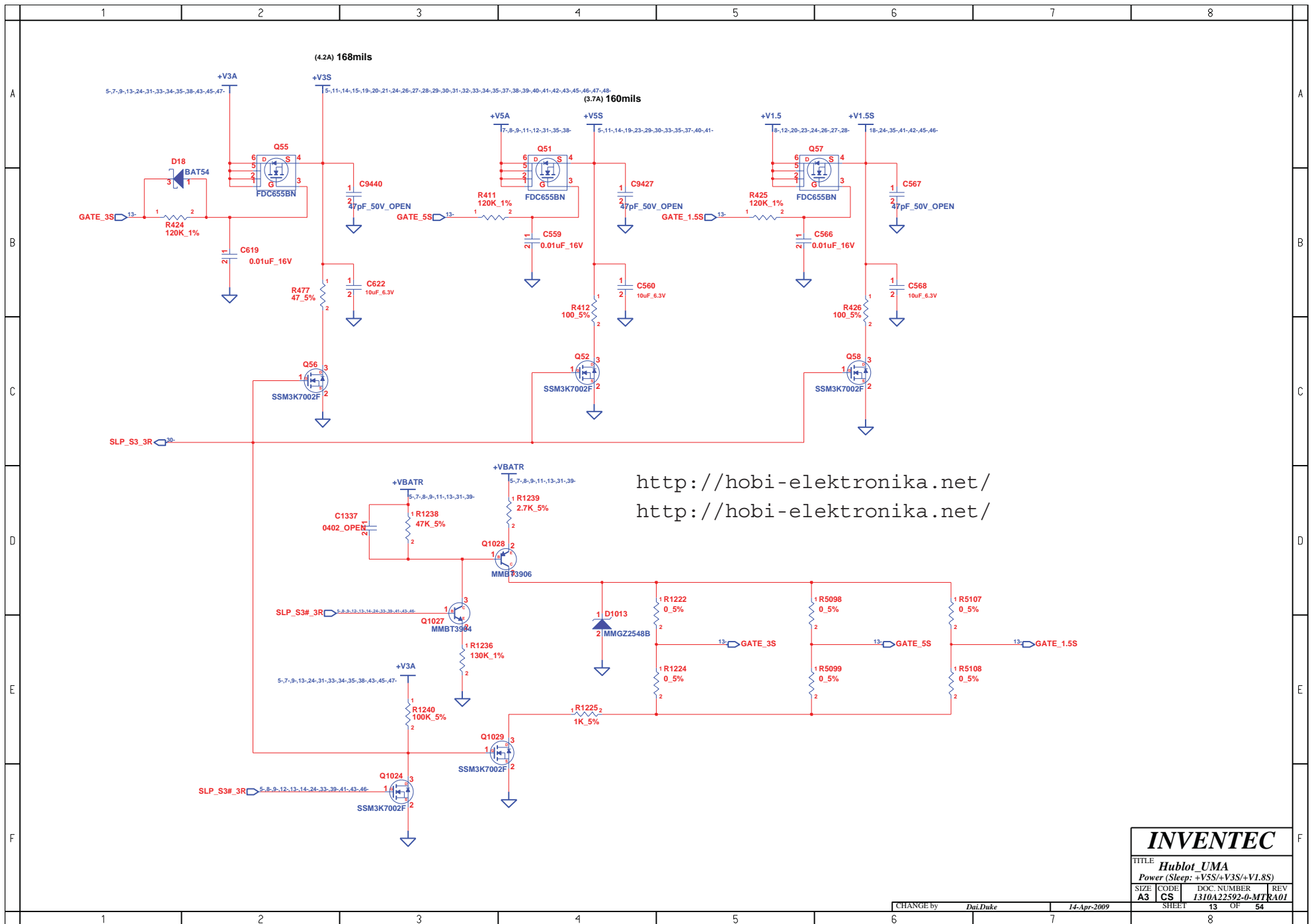
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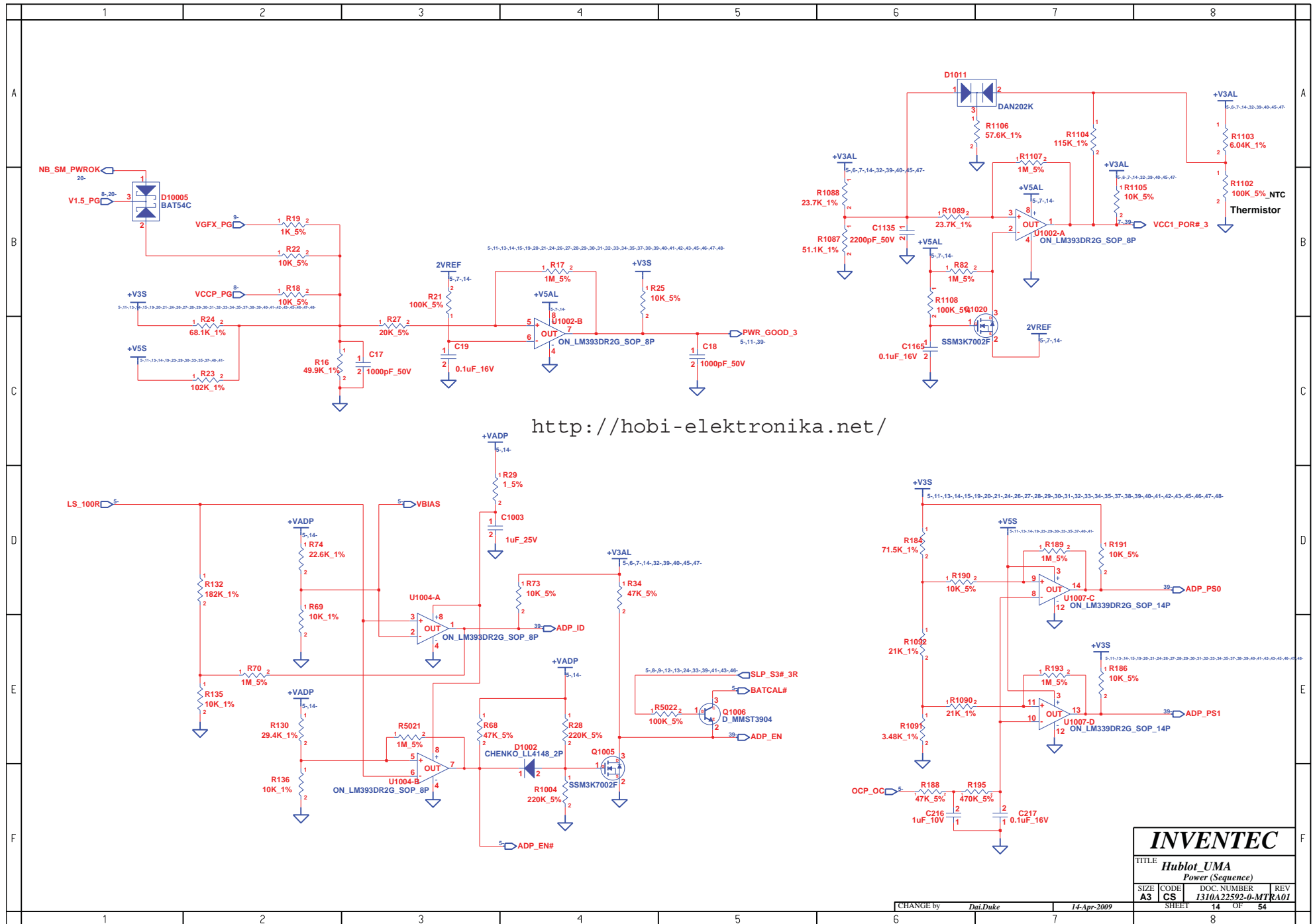


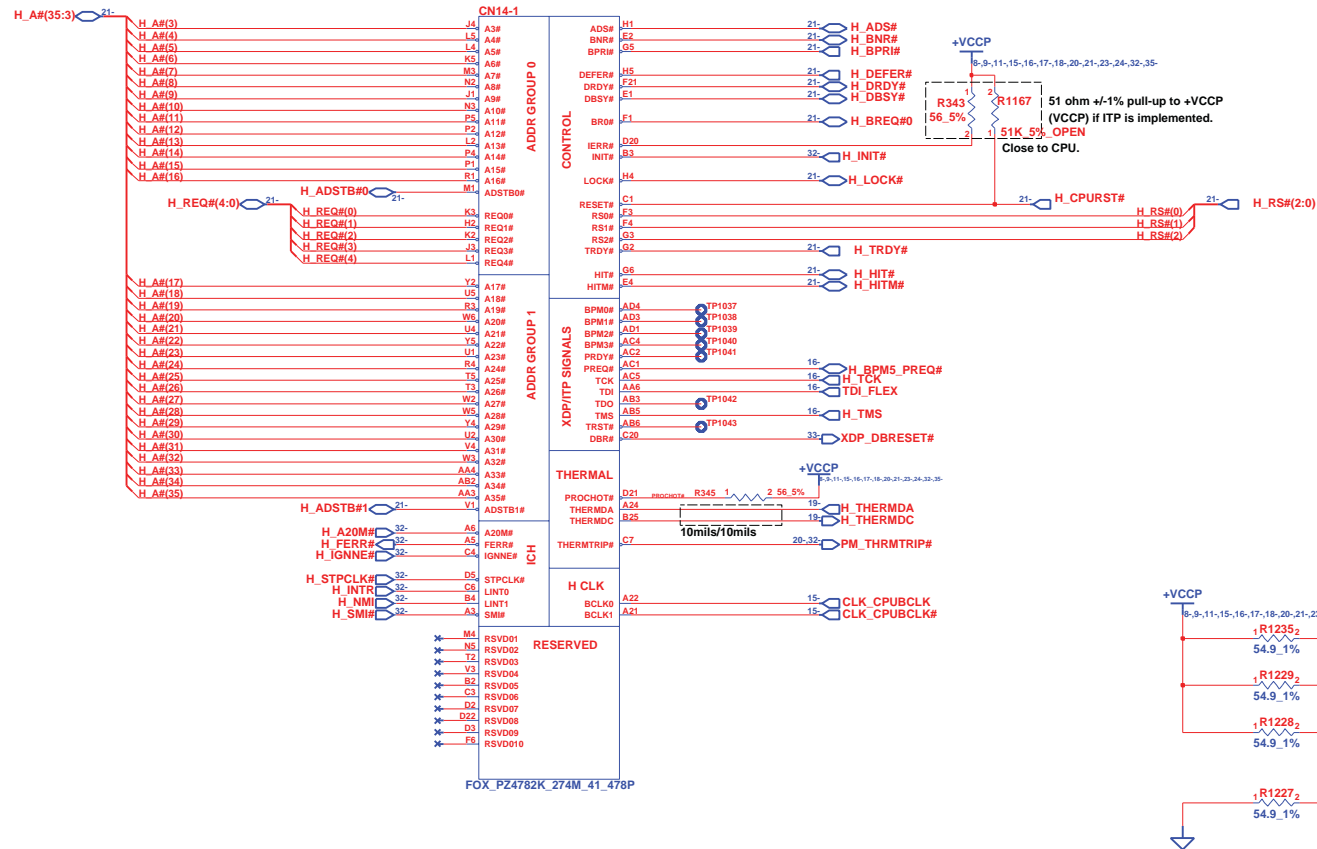


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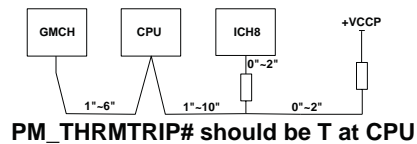
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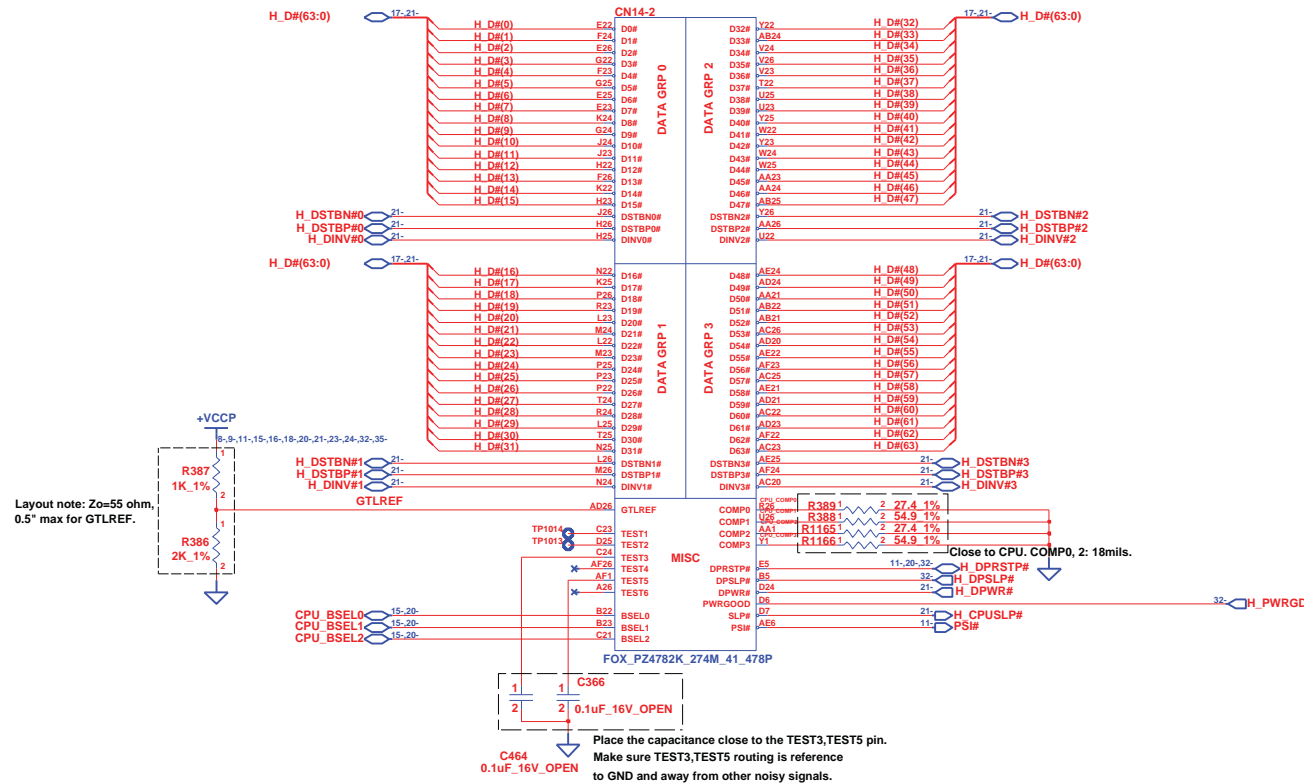


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PM_THRMTRIP# should be T at CPU

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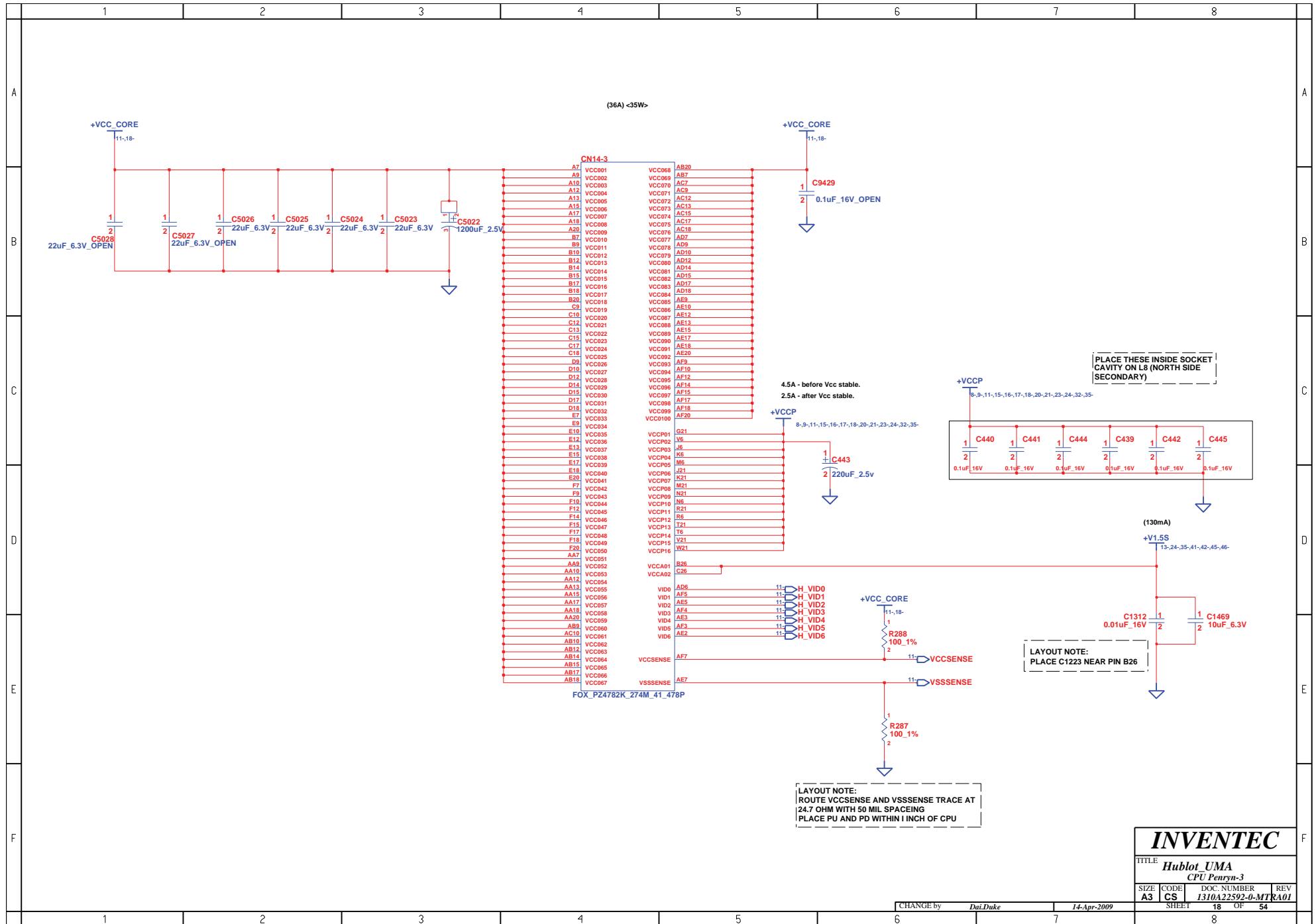
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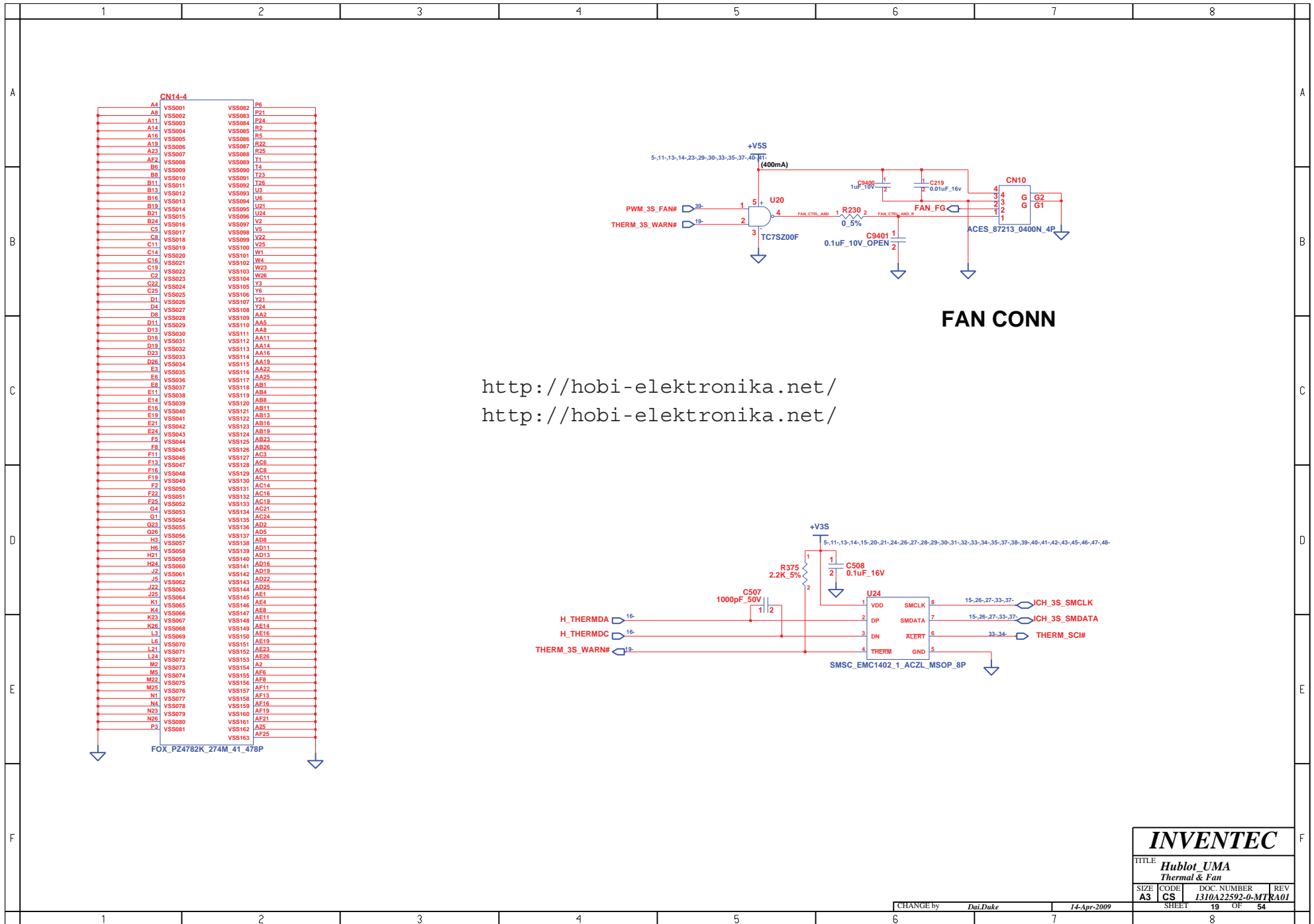
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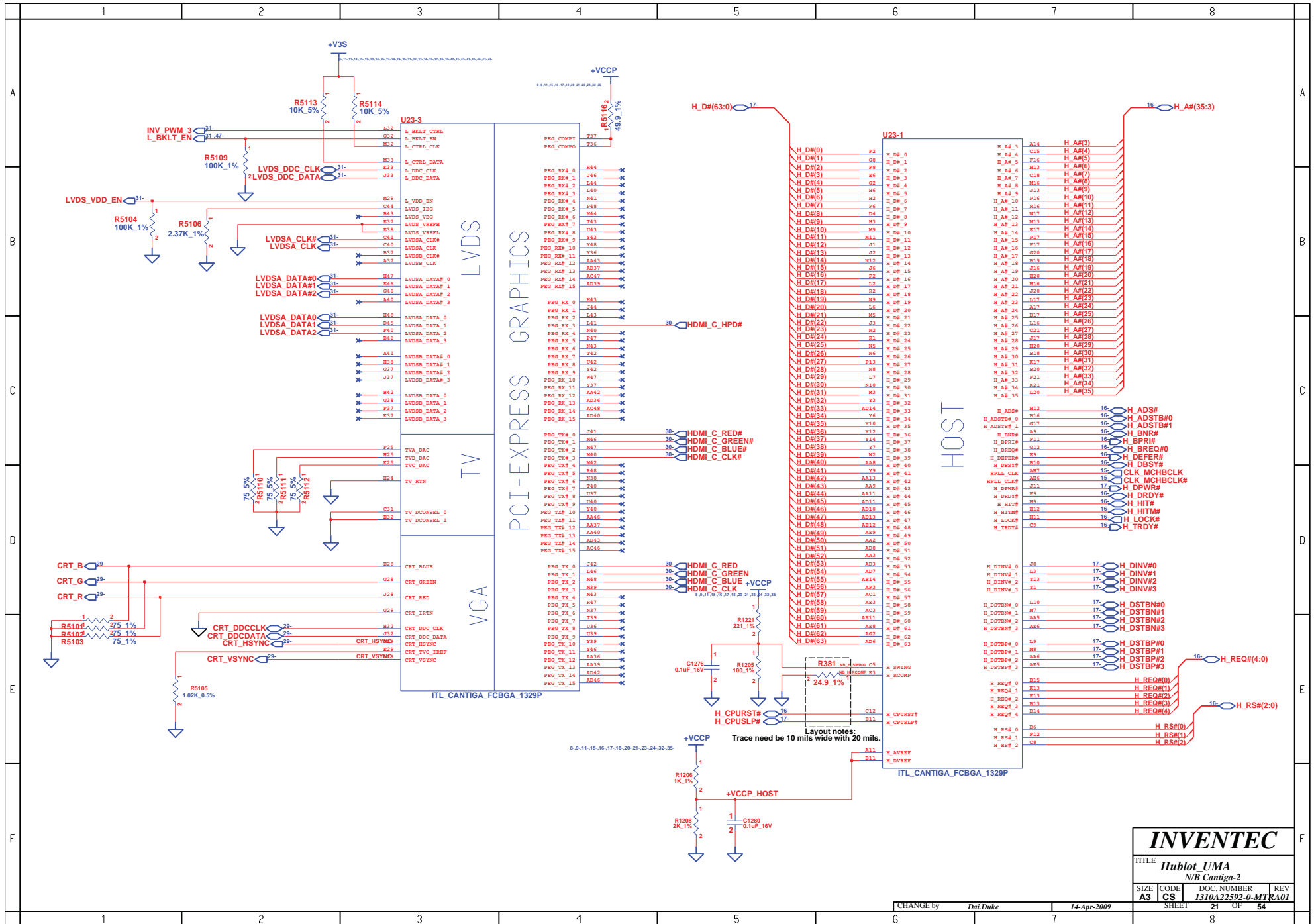
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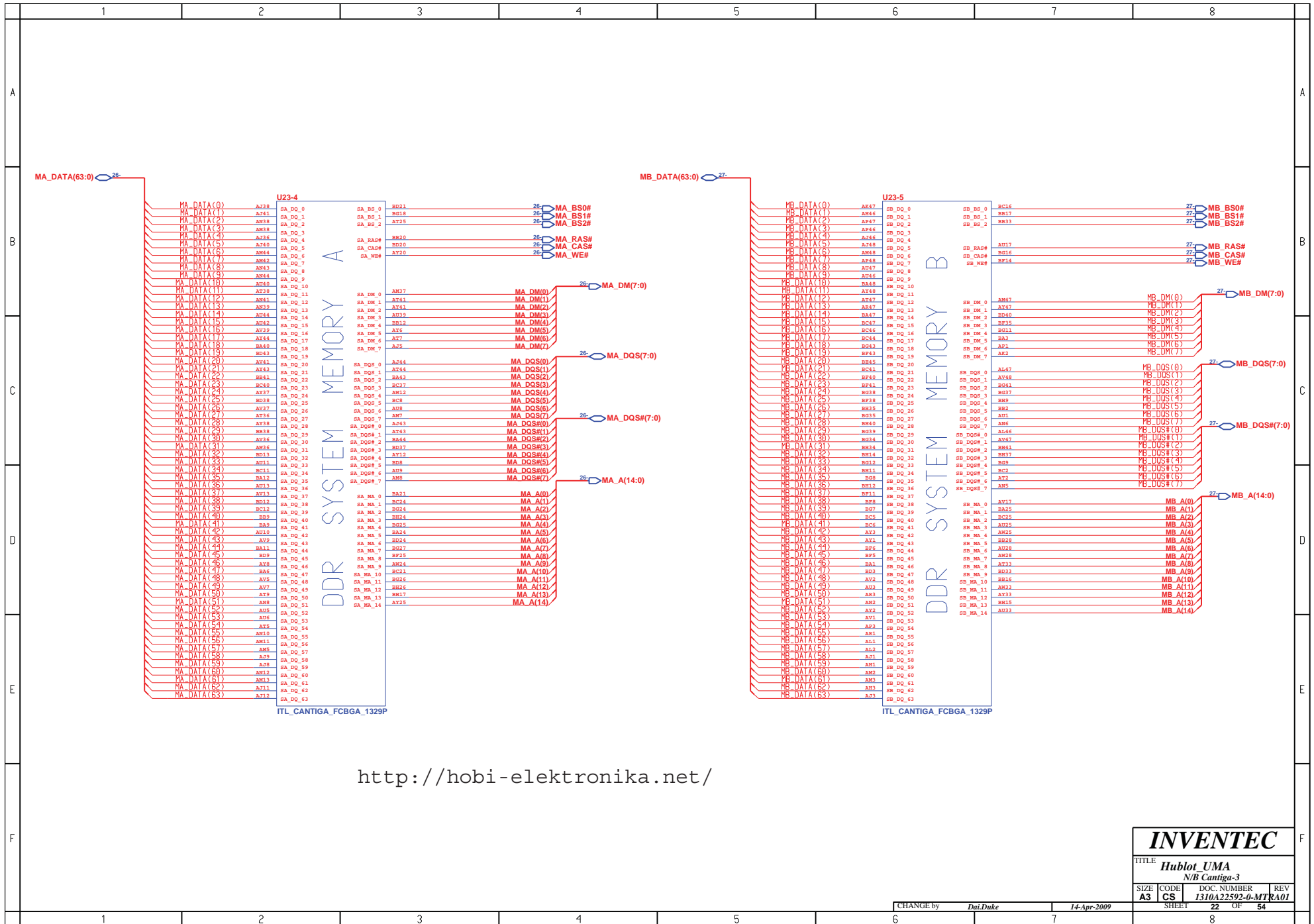




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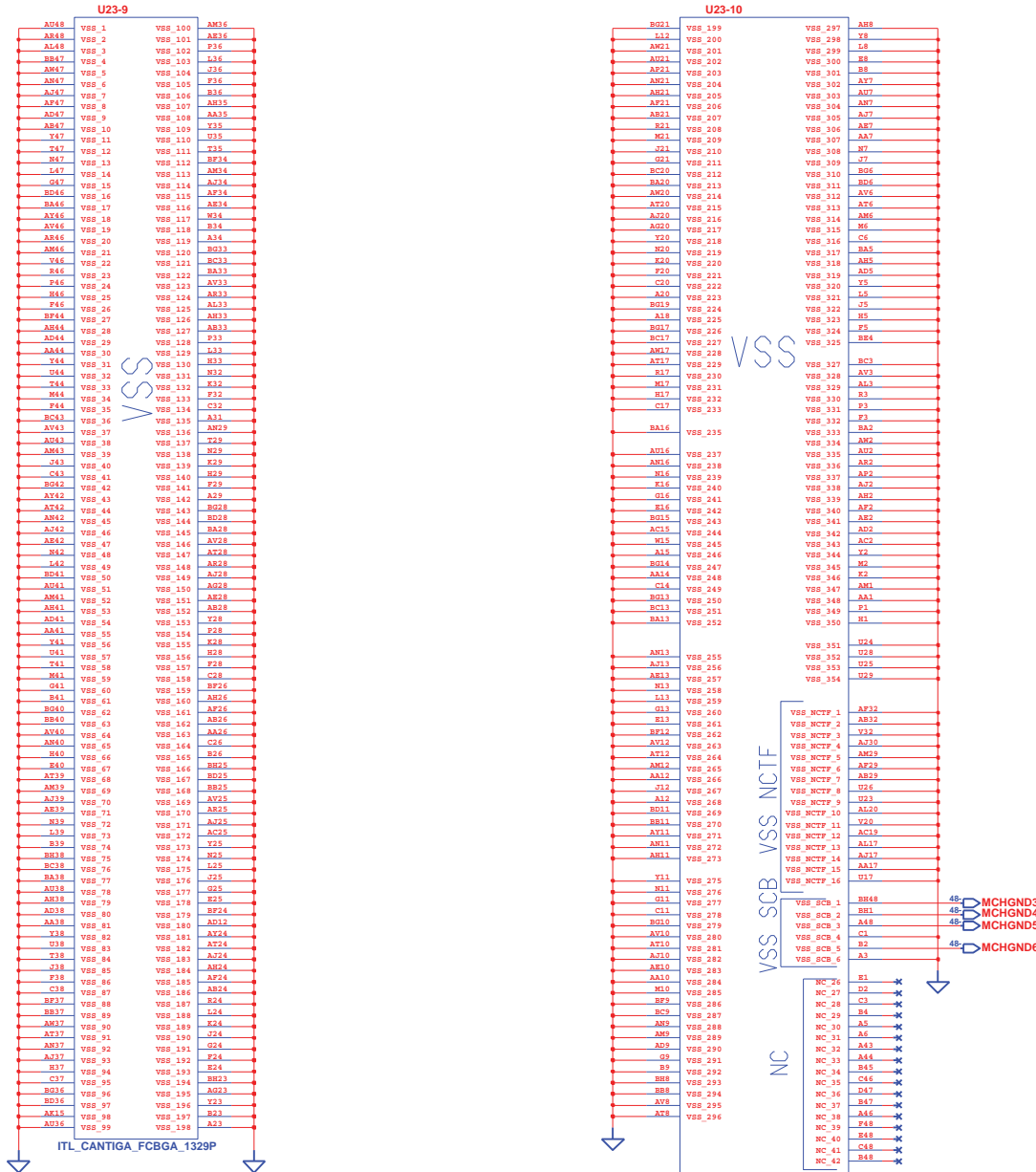


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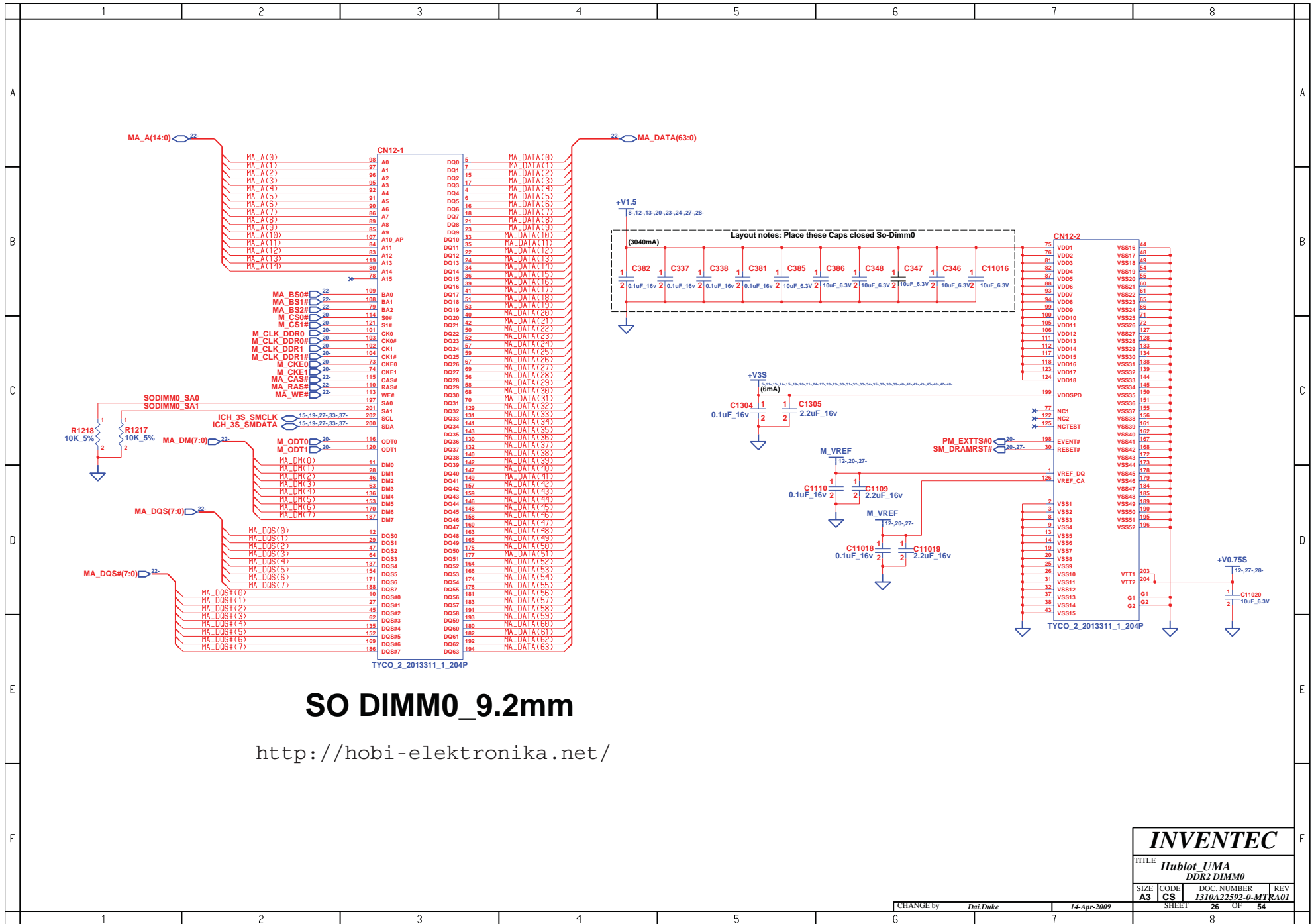
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N/B Cantiga-6

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CHANGE by DalDuke 14-Apr-2009

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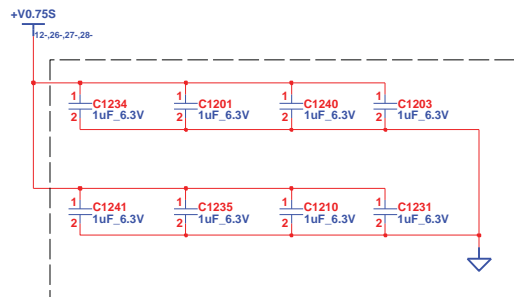


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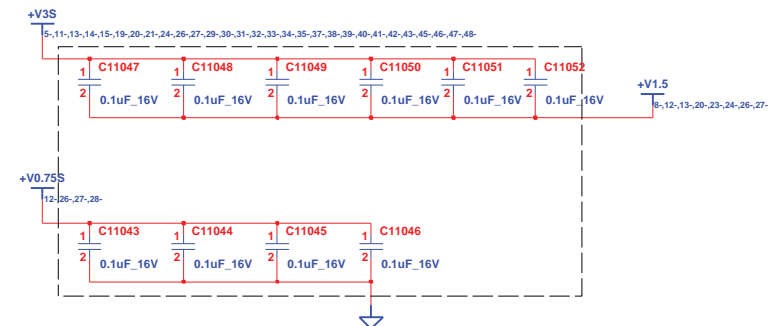
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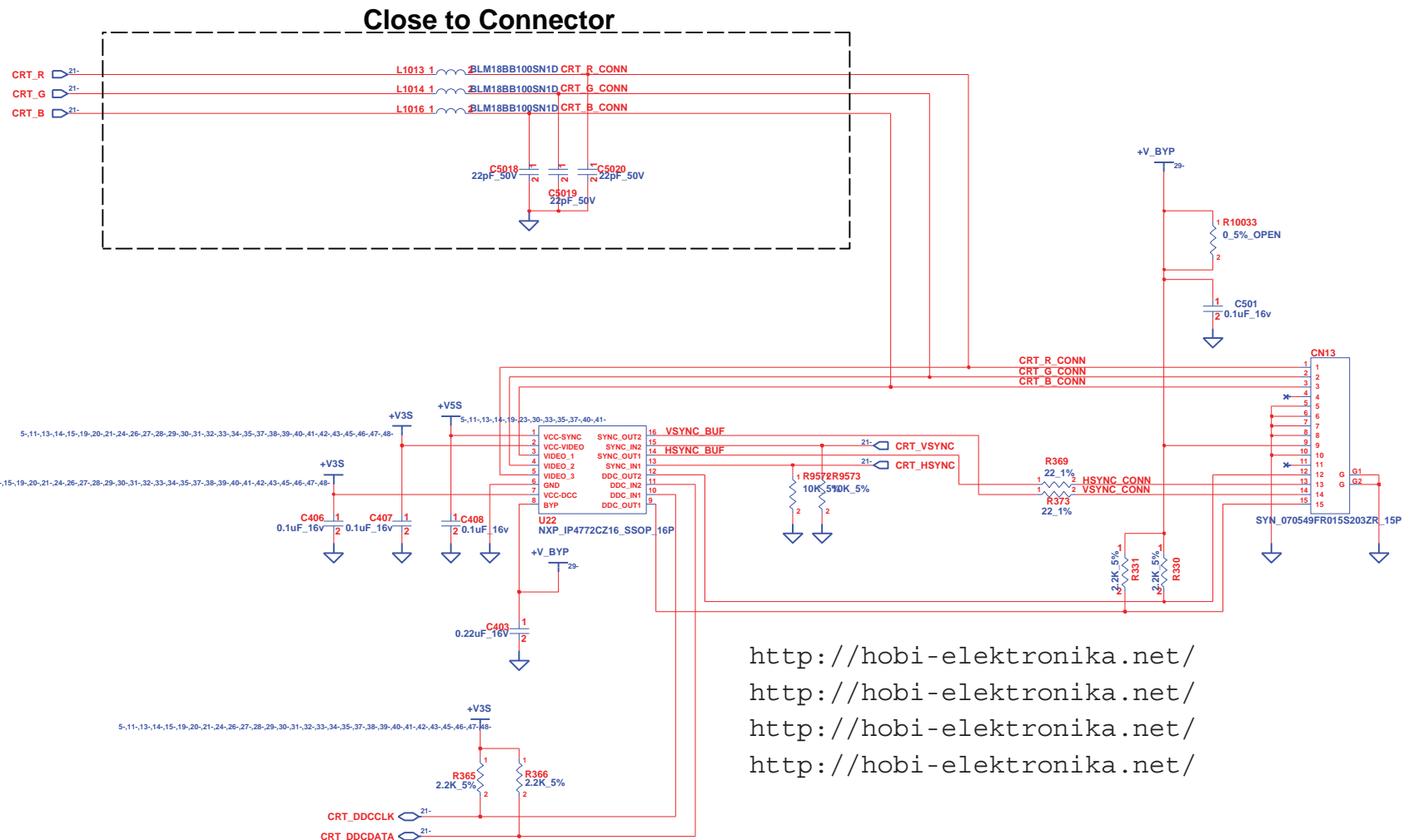
Layout notes : Place one Cap close to every 2 pull up resistor terminated to +V0.75S.



For EMI

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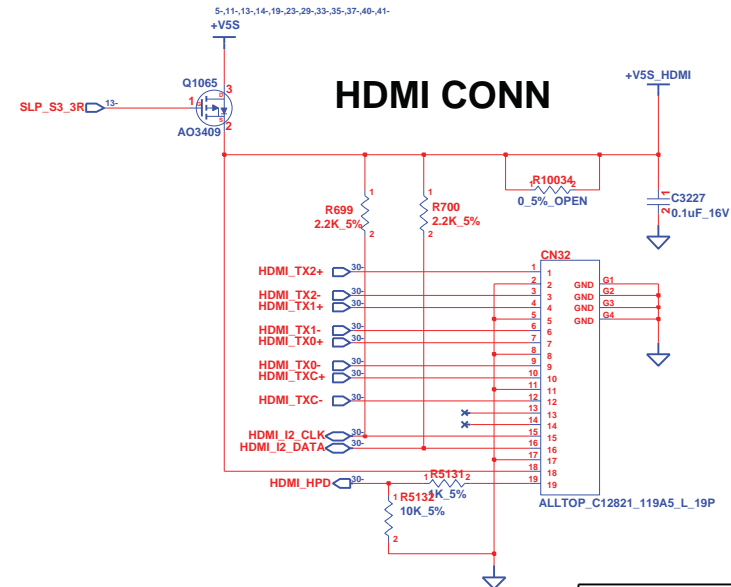
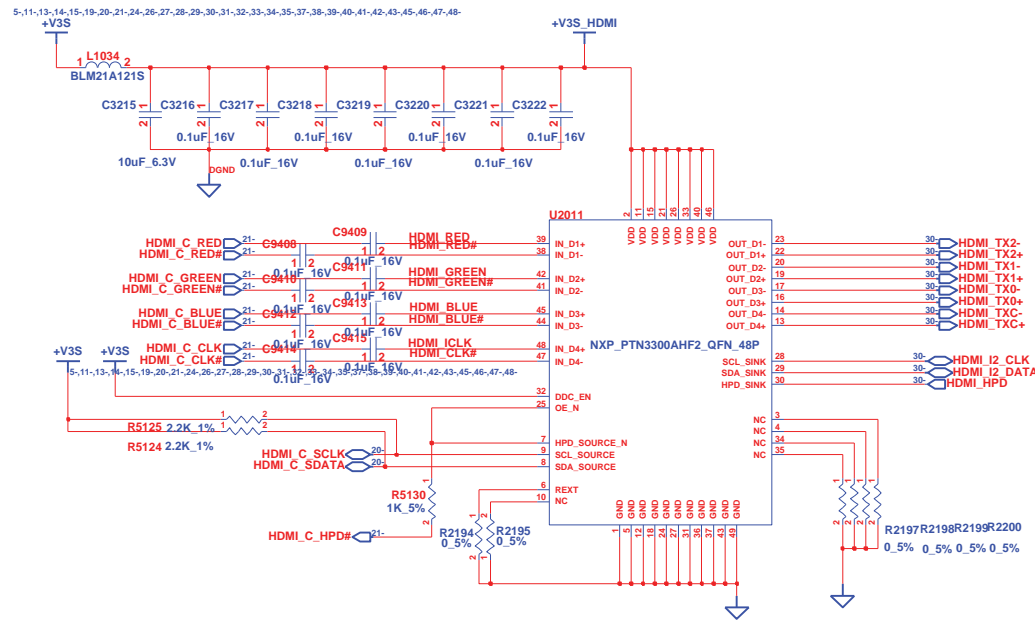
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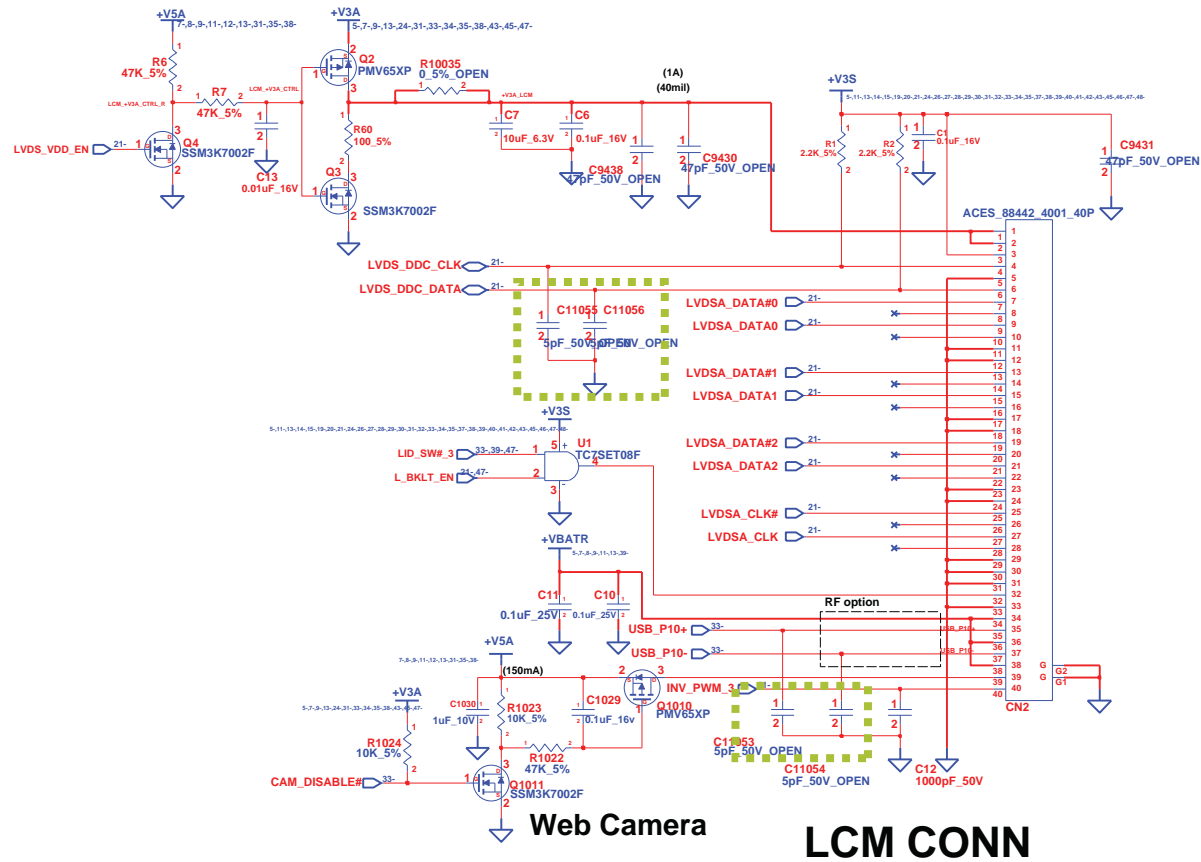
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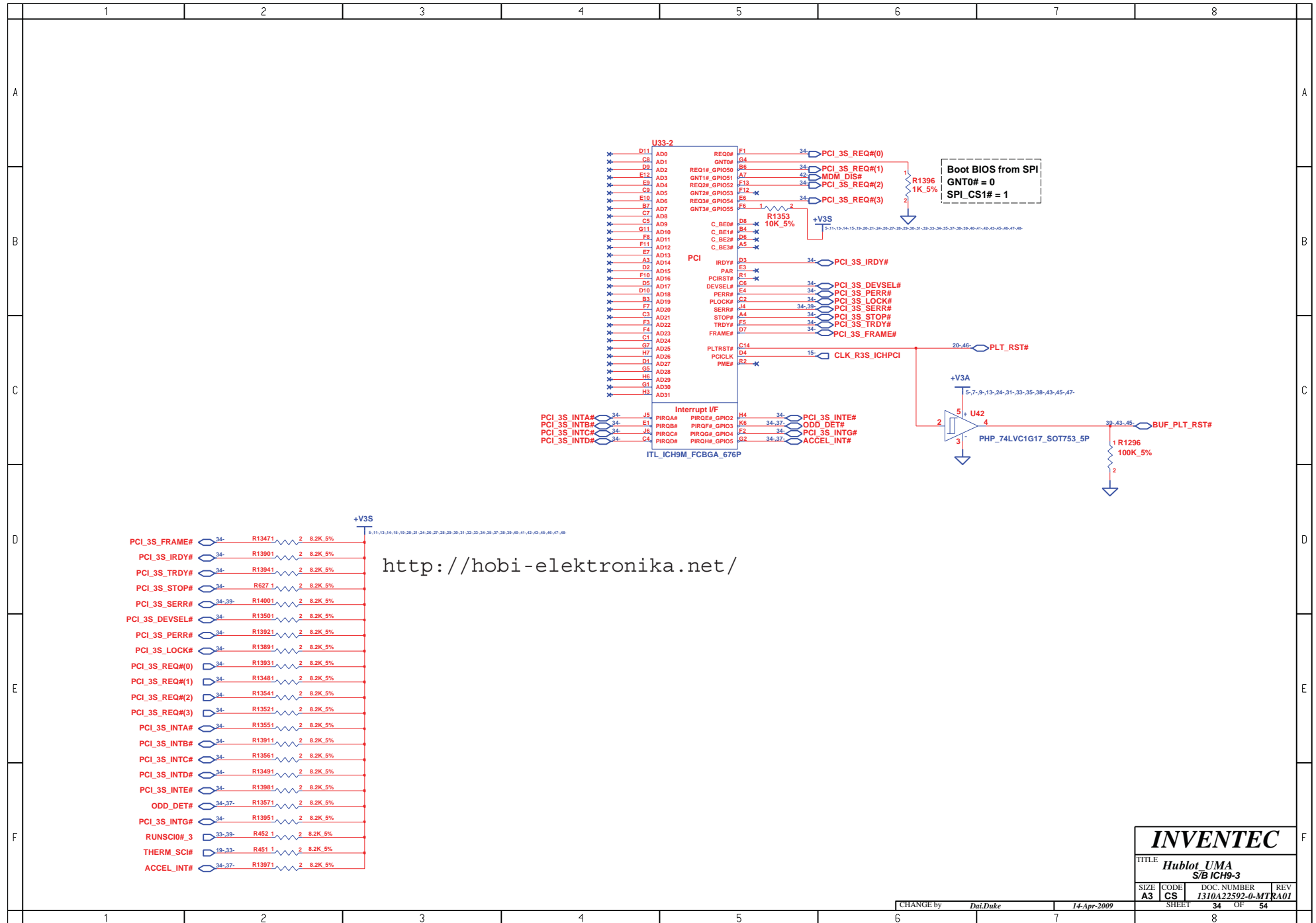
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INVENTEC			
TITLE Hublot UMA S/B ICH9-3			
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				AA3 VSS003	VSS109 J26				
				AA6 VSS004	VSS110 J27				
				AB1 VSS005	VSS111 AC22				
				AA23 VSS006	VSS112 K28				
				AB28 VSS007	VSS113 K29				
				AB23 VSS008	VSS114 L13				
				AB4 VSS009	VSS115 L15				
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				AC17 VSS011	VSS117 L26				
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				AD1 VSS015	VSS121 M12				
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S/B ICH9-5

SIZEA3

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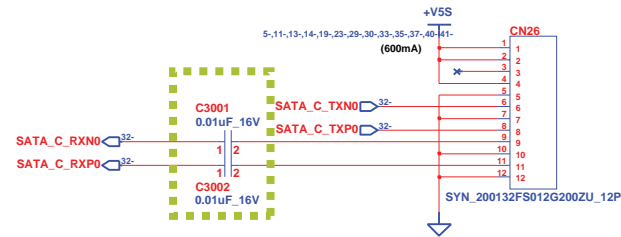
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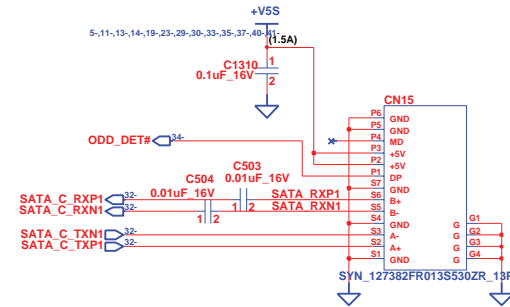
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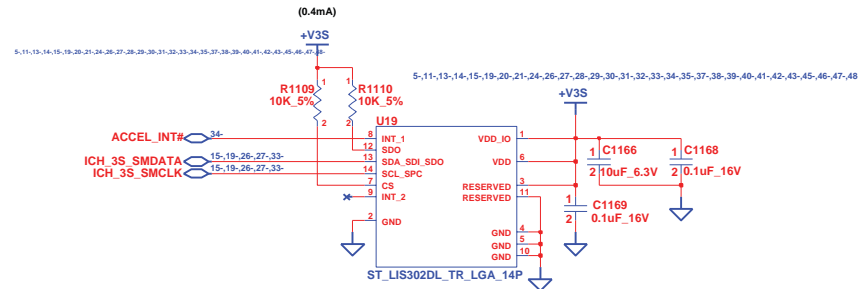


SATA HDD



SATA ODD

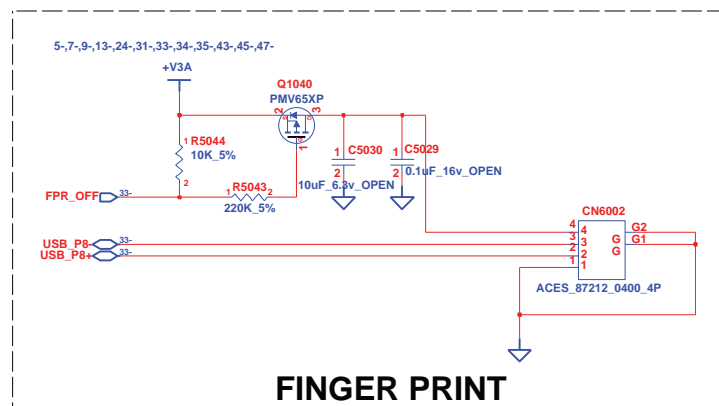
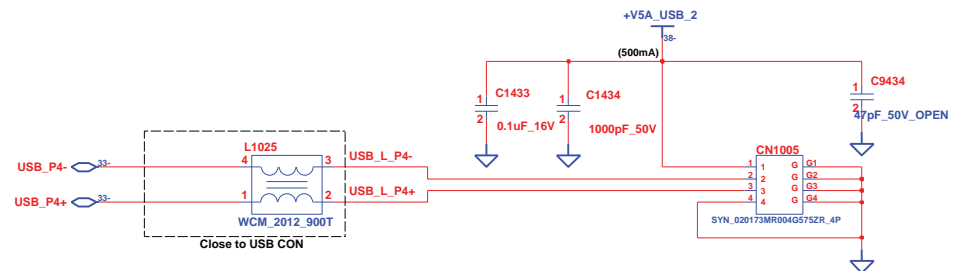
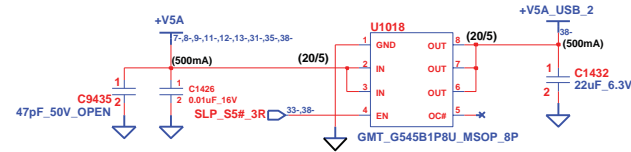
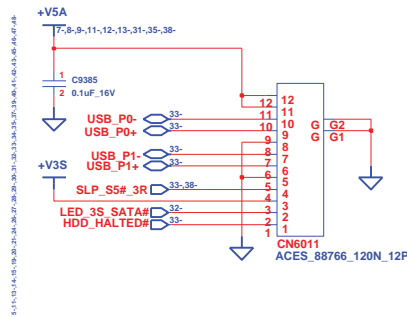
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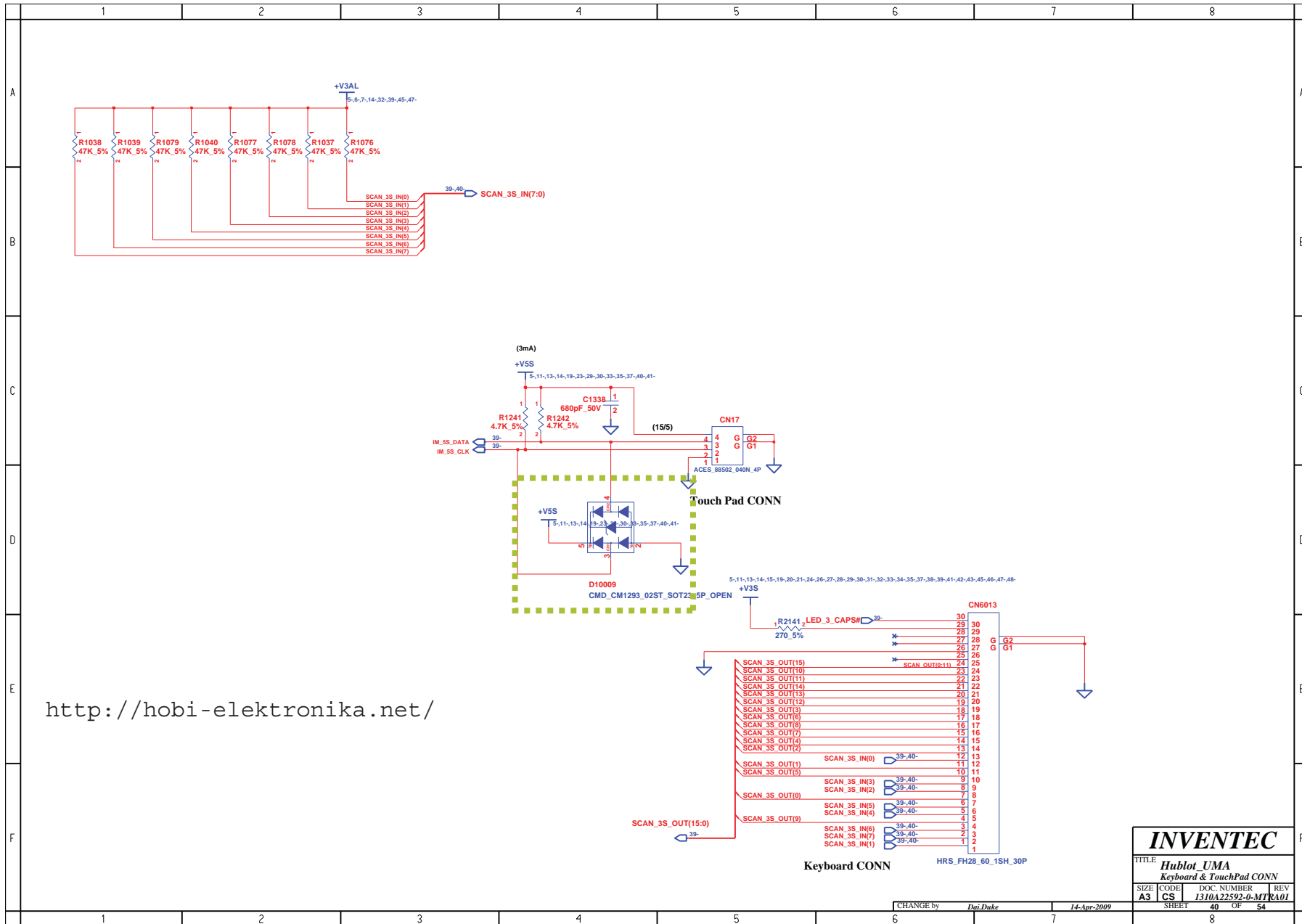
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MB Side



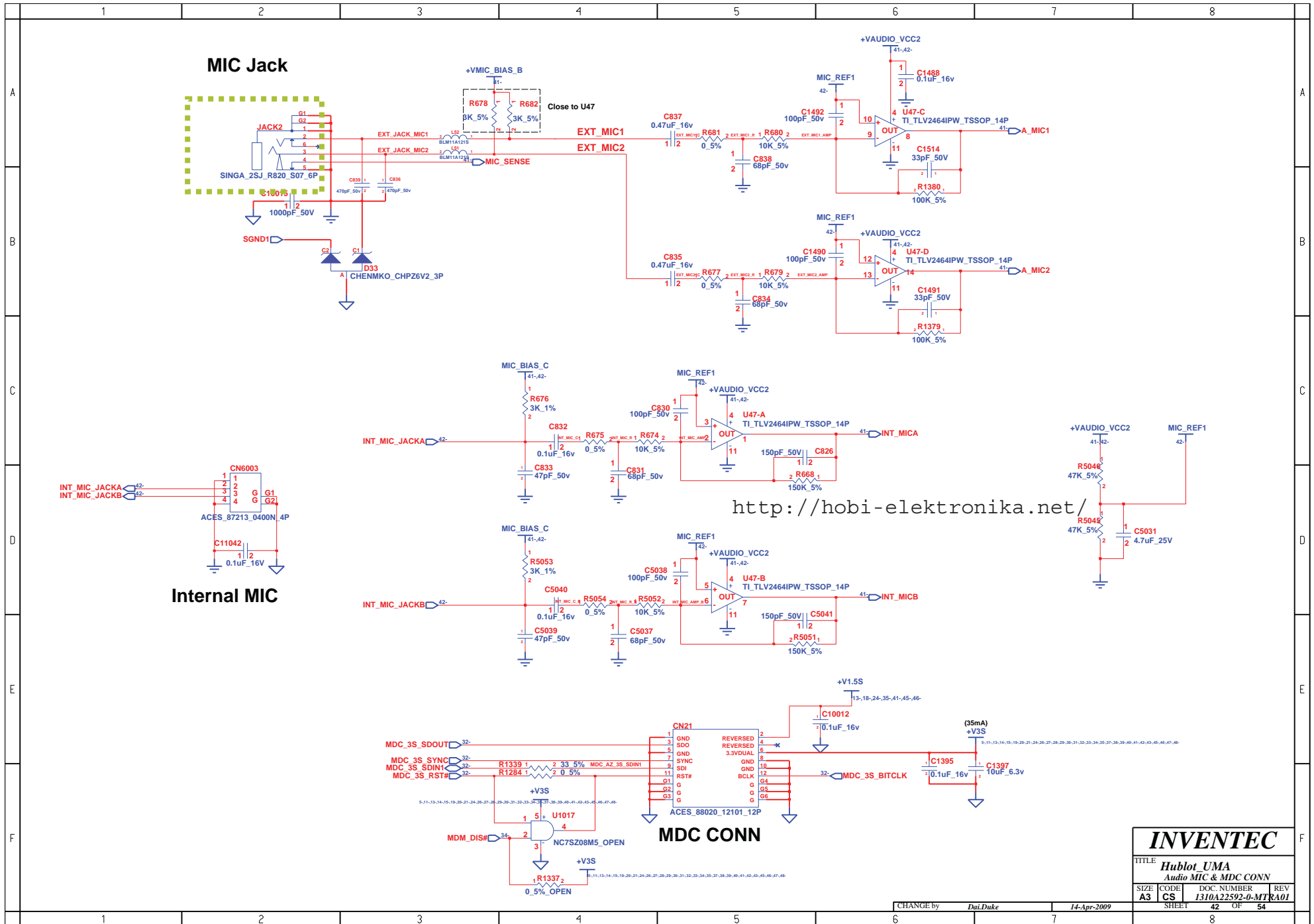
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SIZE: A3	CODE: CS	DOC. NUMBER: 1310A22592-0-MTR	REV: A01
CHANGE by: DalDuke		14-Apr-2009	
SHEET: 38		OF: 54	

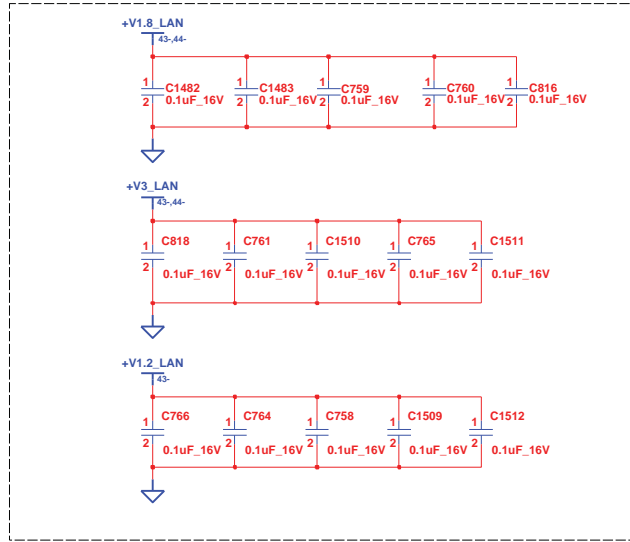


INVENTEC			
TITLE: Hublot_UMA			
Keyboard & TouchPad CONN			
SIZE	CODE	DOC NUMBER	REV
A3	CS	I310A22592-0-MTKA01	
SHEET		40	OF 54

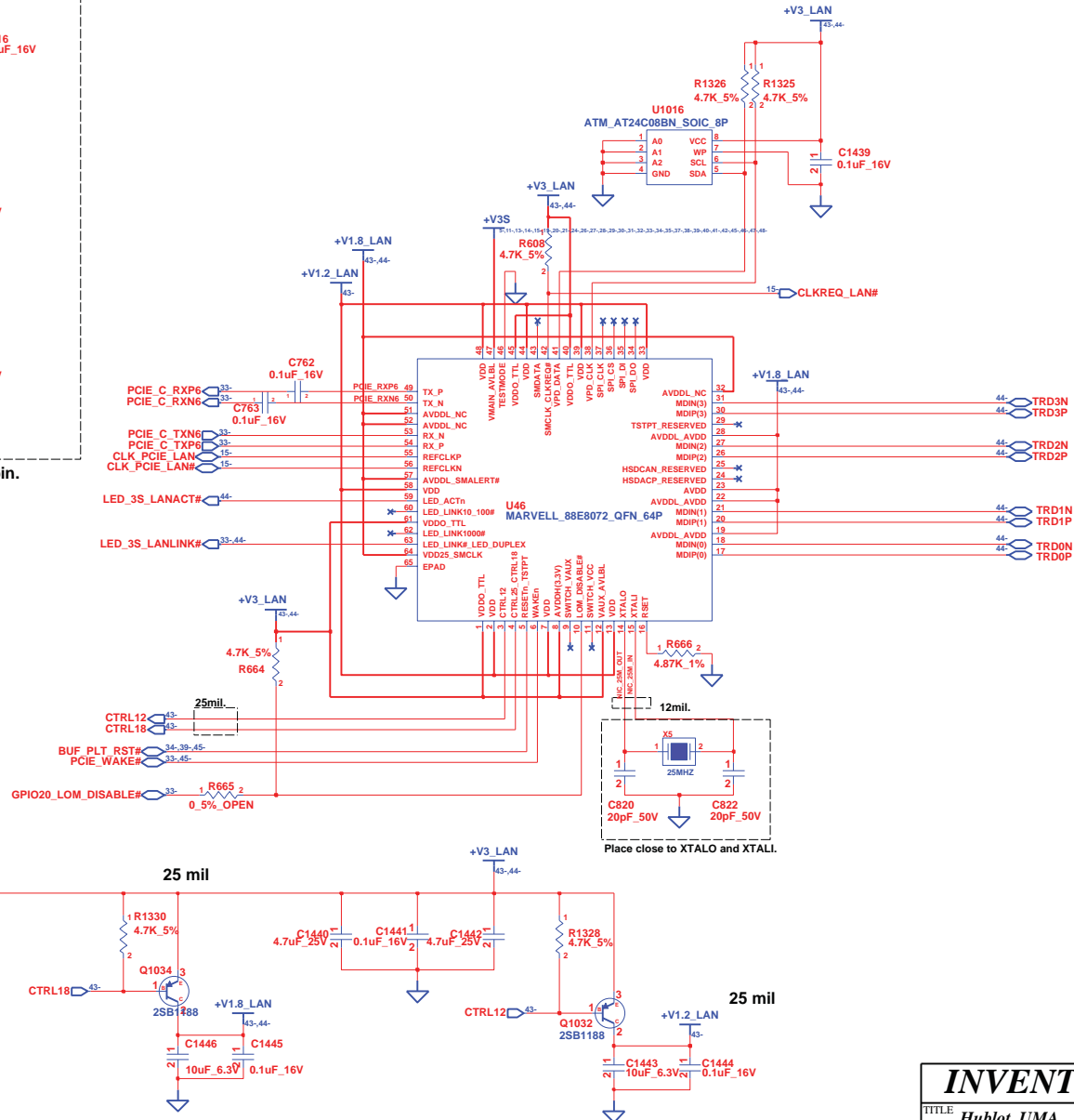
CHANGE by: Dai.Duke 14-Apr-2009



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Place bypass cap as close as possible with every power pin.



INVENTEC

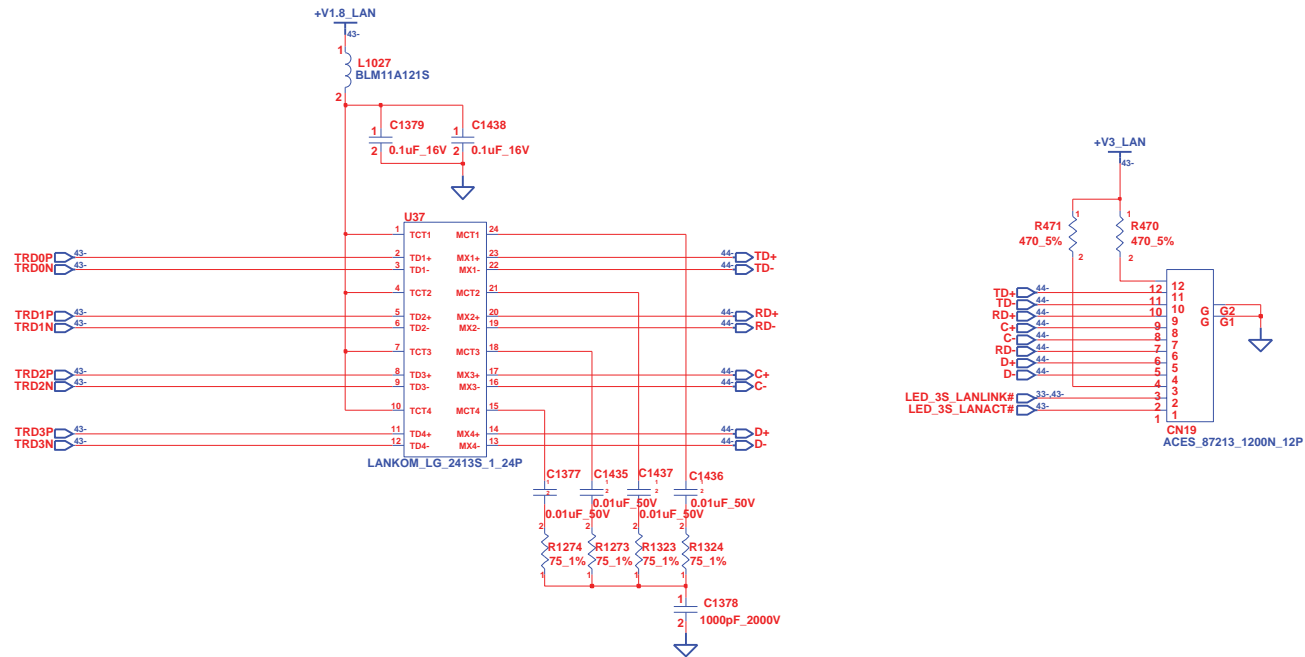
TITLE
Hublot_UMA
Giga LAN Controller

SIZE A3	CODE CS	DOC. NUMBER 1310A22592-0-MTR	REV A01
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CHANGE by DalDuke 14-Apr-2009

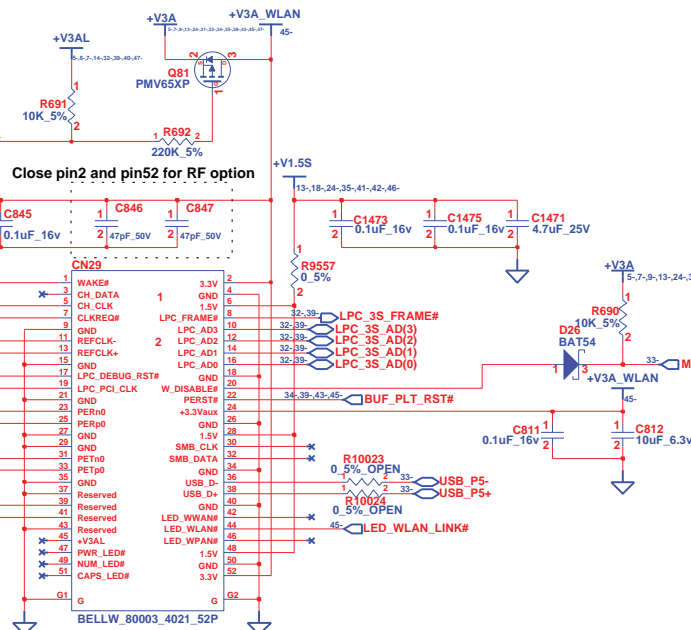
SHEET 43 OF 54

http://hobi-elektronika.net/



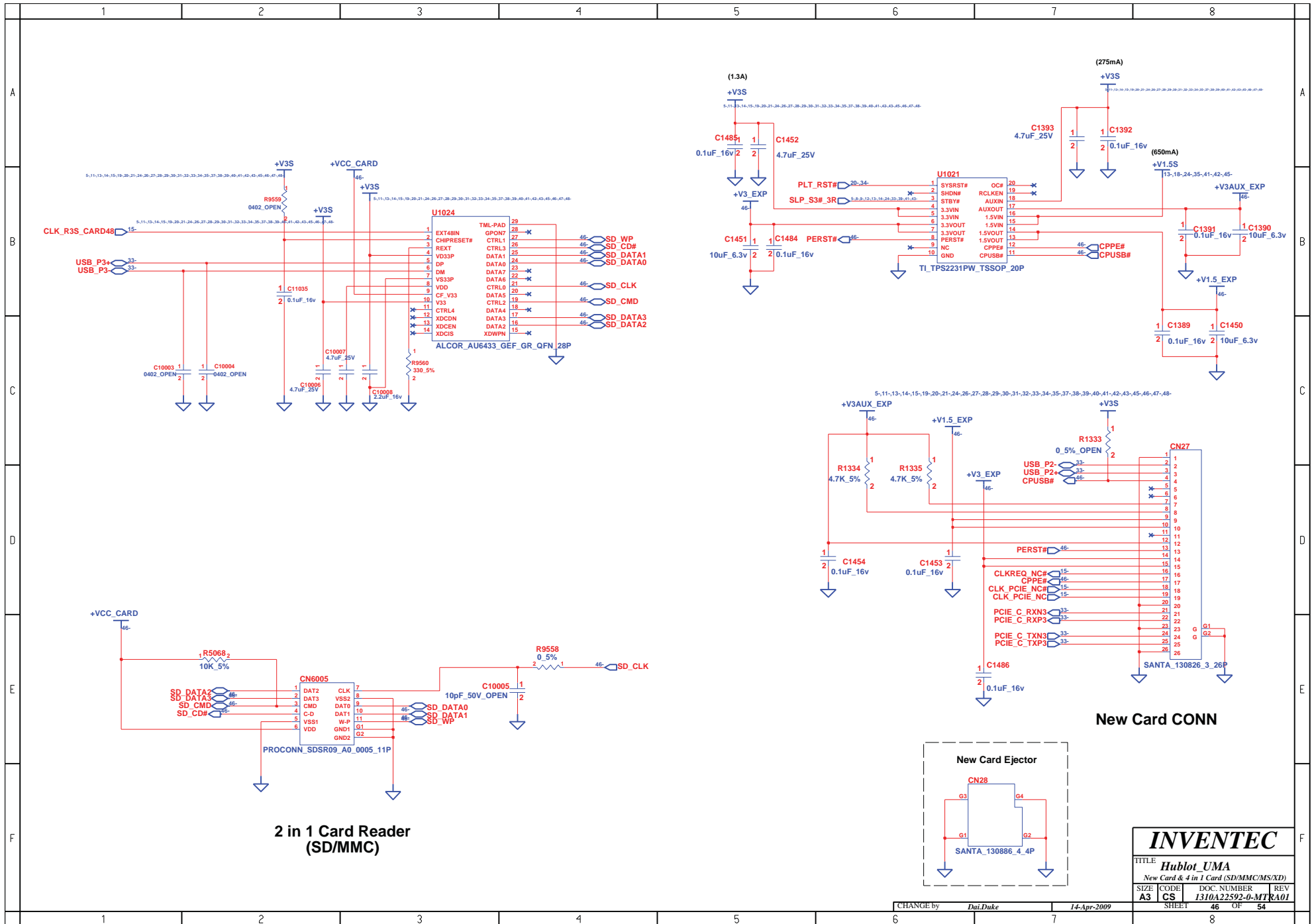
INVENTEC			
TITLE: Hublot_UMA Magnetic & RJ45 CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A22592-0-MTR	REV A01
CHANGE by: DalDuke		14-Apr-2009	
SHEET 44		OF 54	

Close pin2 and pin52 for RF option



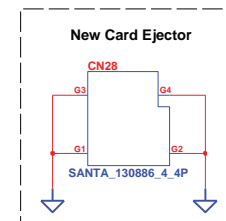
Mini Card-WLAN

<i>INVENTEC</i>			
TITLE <i>Hublot_UMA</i>			
<i>Mini Card(WLAN/Robson)/BT/UWB/Web-CAM</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22592-0-MTR	A01
SHEET		45	OF 54



2 in 1 Card Reader (SD/MMC)

New Card CONN

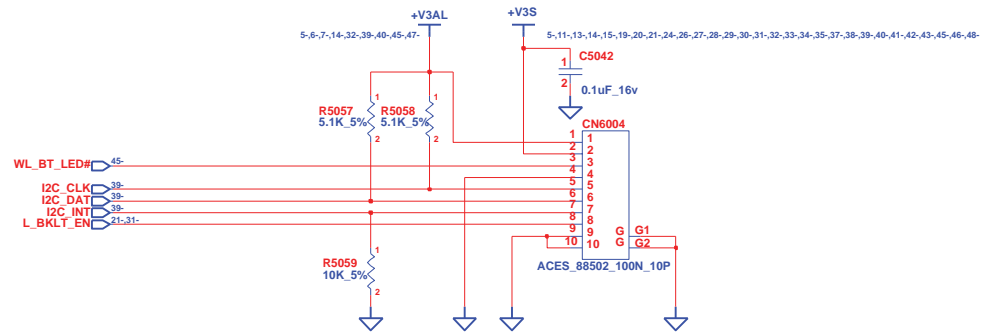


INVENTEC

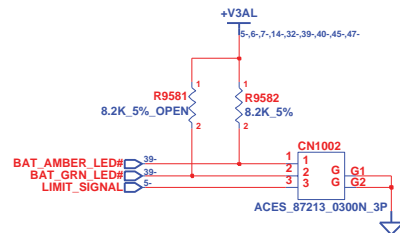
TITLE			
Hublot_UMA			
New Card & 4 in 1 Card (SD/MMC/MS/XD)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22592-0-MTR	A01

CHANGE by DalDuke 14-Apr-2009

SHEET 46 OF 54

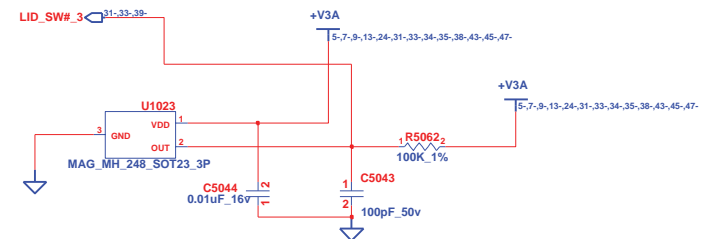
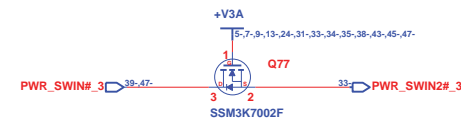
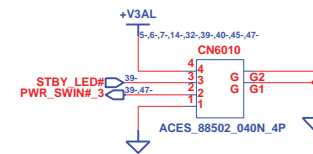


SWITCH BOARD CONN



Battery-Charge LED CONN

Power SW CONN

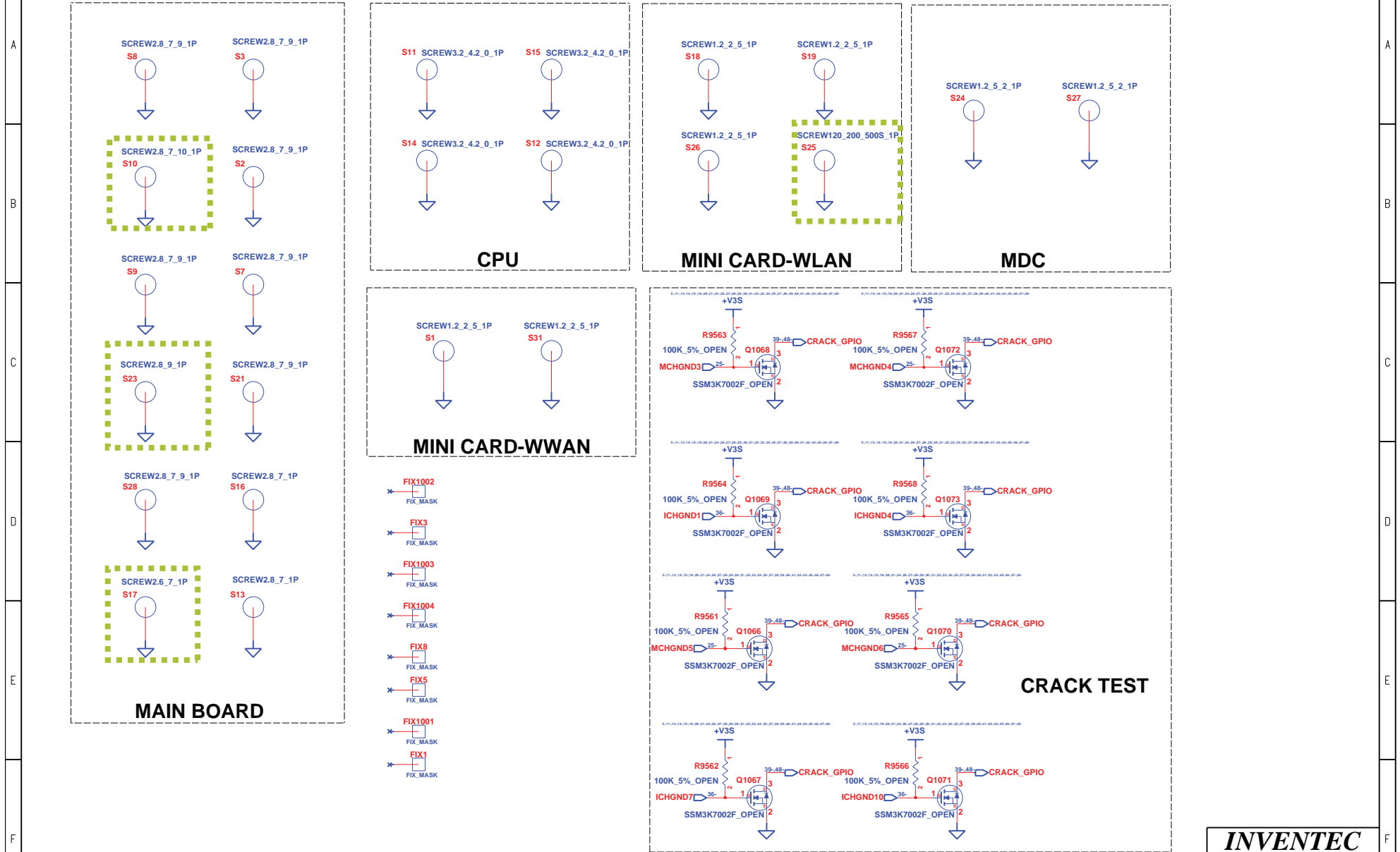


LID SWITCH

<http://hobi-elektronika.net/>

INVENTEC			
TITLE			
Hublot_UMA			
LEDs & Buttons & SW/B			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22592-0-MTR	A01
CHANGE by		DATE	SHEET
Dul.Duke		14-Apr-2009	47 OF 54

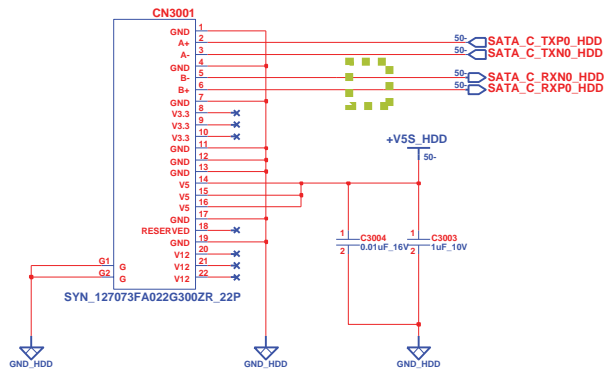
http://hobi-elektronika.net/



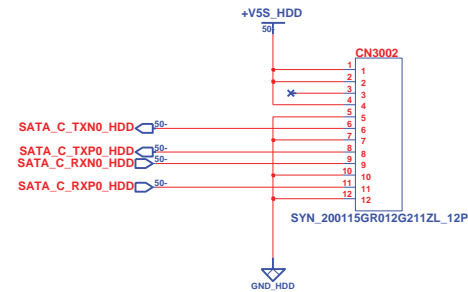
INVENTEC			
TITLE			
Hublot_UMA			
LEDs & Buttons & SW/B			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22592-0-MTR	A01
SHEET		48	OF 54

CHANGE by *DalDuke* 14-Apr-2009

SATA HDD CONN



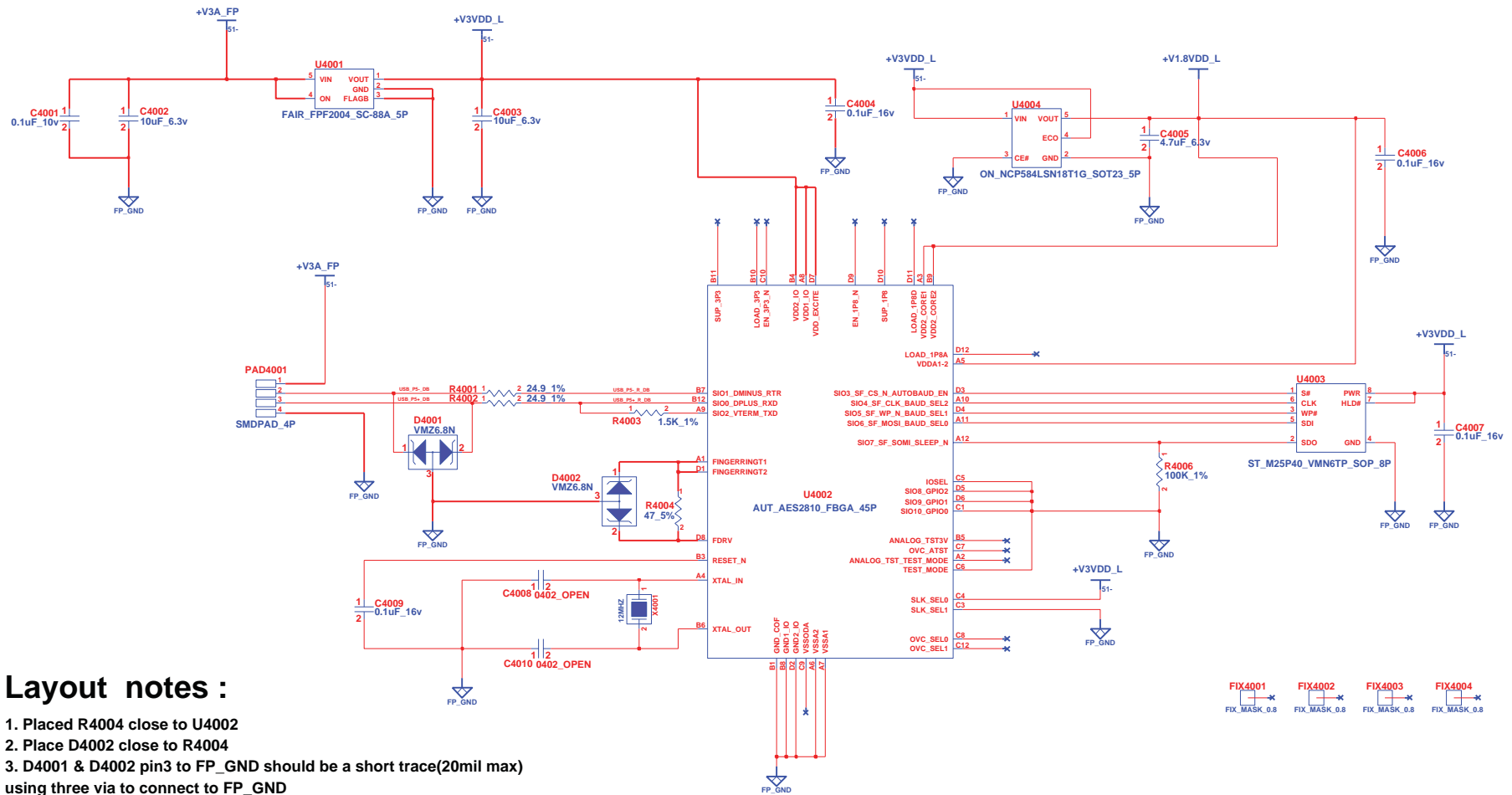
SATA HDD P-HEADER



<http://hobi-elektronika.net/>

SATA HDD Extend Board

INVENTEC			
TITLE Hublot_UMA SATA HDD Extend Board			
SIZE A3	CODE CS	DOC. NUMBER I310A22592-0-MTR	REV A01
CHANGE by Dul.Duke		20-Apr-2009	
SHEET 50		OF 54	



FINGER PRINT READER DAUGHTER BOARD

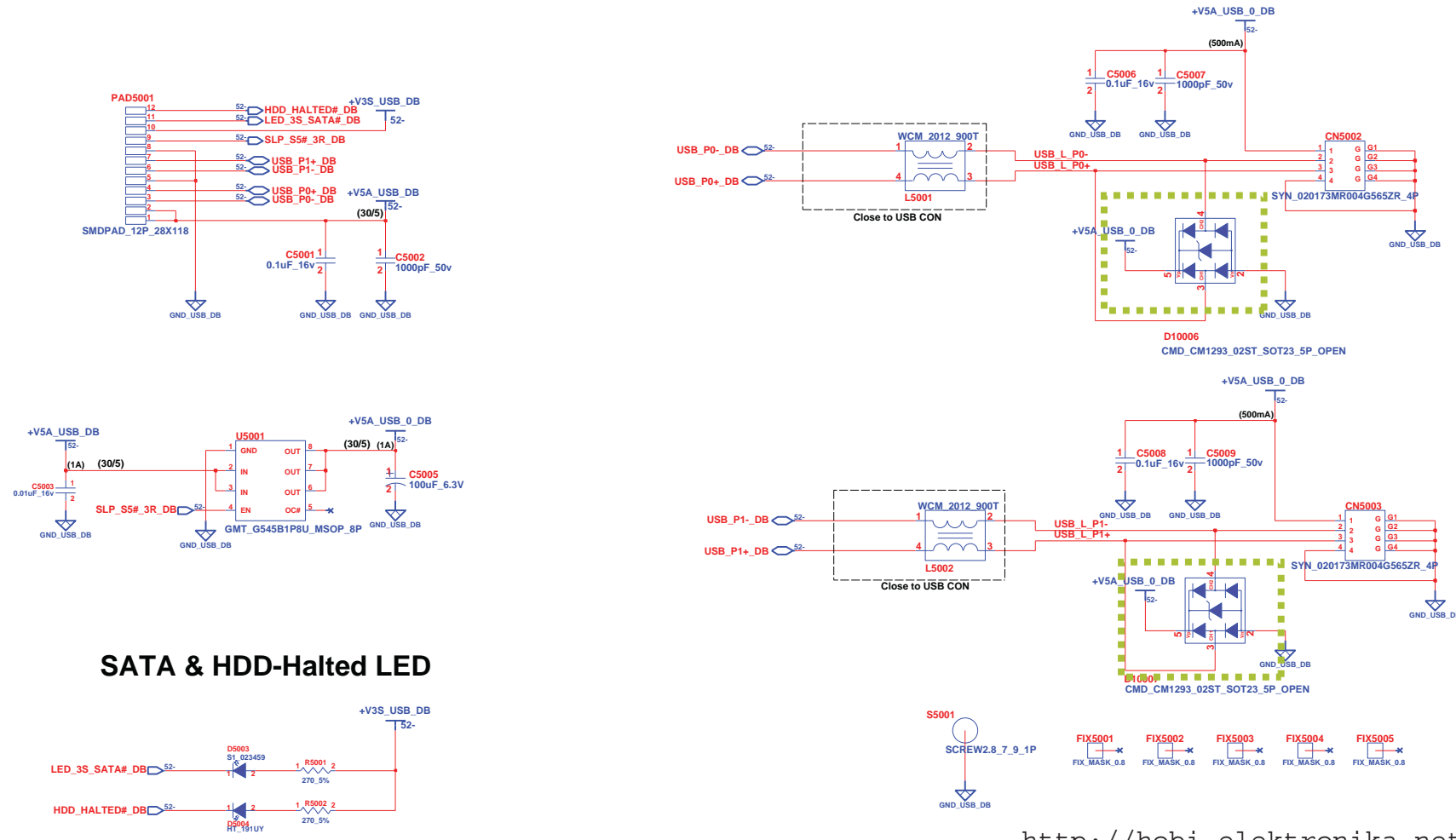
<http://hobi-elektronika.net/>

INVENTEC

TITLE			
Hublot_UMA Finger Print Daughter Board			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310A22592-0-MTR	A01

CHANGE by *DaiDuke* 14-Apr-2009

SHEET 51 OF 54



SATA & HDD-Halted LED

<http://hobi-elektronika.net/>

USB Daughter Board

INVENTEC

TITLE Hublot_UMA USB Daughter Board			
SIZE A3	CODE CS	DOC NUMBER I310A22592-0-MTR	REV A01
SHEET 52		OF 54	

CHANGE by *DaiDuke* 14-Apr-2009

