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P/N XXXXXXXXXXXXX						SHEET		1	OF 54																																																																								
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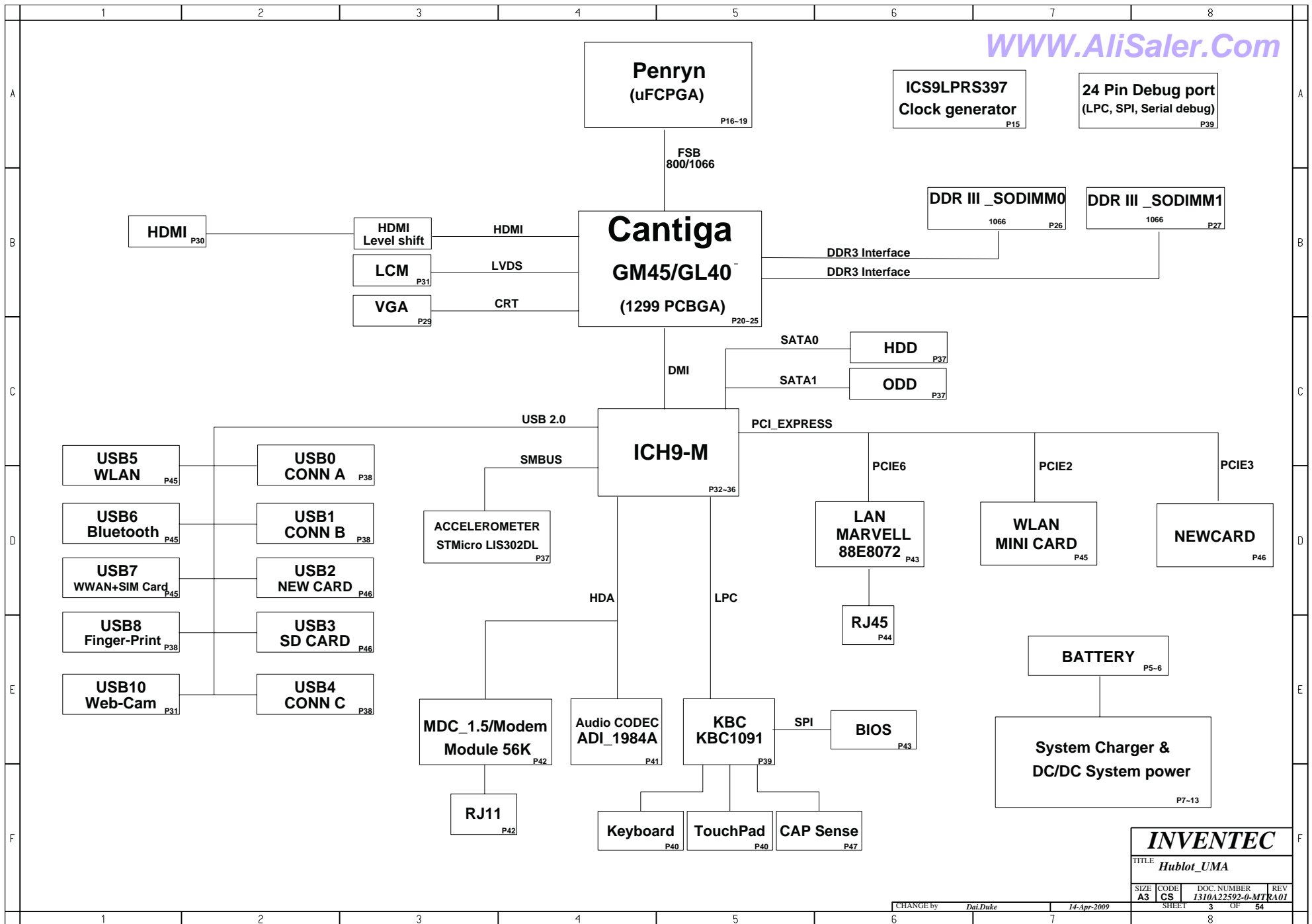
Page	Page	Page
5- DC & Battery Charger.	15- Clock Generator.	37- HDD & ODD CONN & Accelerometer.
6- Select & Battery connector.	16- CPU Penryn-1.	38- USB CONN & USB DB & FP CONN.
7- SYSTEM POWER(3V/5V)	17- CPU Penryn-2.	39- KBC & BIOS ROM.
8- SYSTEM POWER(+V1.8/+VCCP)	18- CPU Penryn-3.	40- Internal Keyboard & TouchPad CONN.
9- SYSTEM POWER(+VGFX)	19- Thermal & Fan.	41- Audio CODEC & Earphone & Speaker.
10- N/A	20- N/B Cantiga-1.	42- Audio MIC & MDC CONN.
11- CPU POWER(VCC_CORE)	21- N/B Cantiga-2.	43- Giga LAN controller.
12- DDR TERMINATION VOLTAGE(+V0.75)	22- N/B Cantiga-3.	44- Magnetic & RJ45 CONN.
13- Power (Sleep: +V5S/+V3S/+V1.5S)	23- N/B Cantiga-4.	45- Mini Card & BT CONN.
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	27- DDR2-DIMM1.	49- DB - CAP Sense board
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	29- CRT CONN.	51- DB - Finger Print board
	30- HDMI CONN.	52- DB - USB Extend board
	31- LCM CONN.	53- DB - Power Switch & Sim Card board
	32- S/B ICH9-1.	
	33- S/B ICH9-2.	
	34- S/B ICH9-3.	
	35- S/B ICH9-4.	
	36- S/B ICH9-5.	

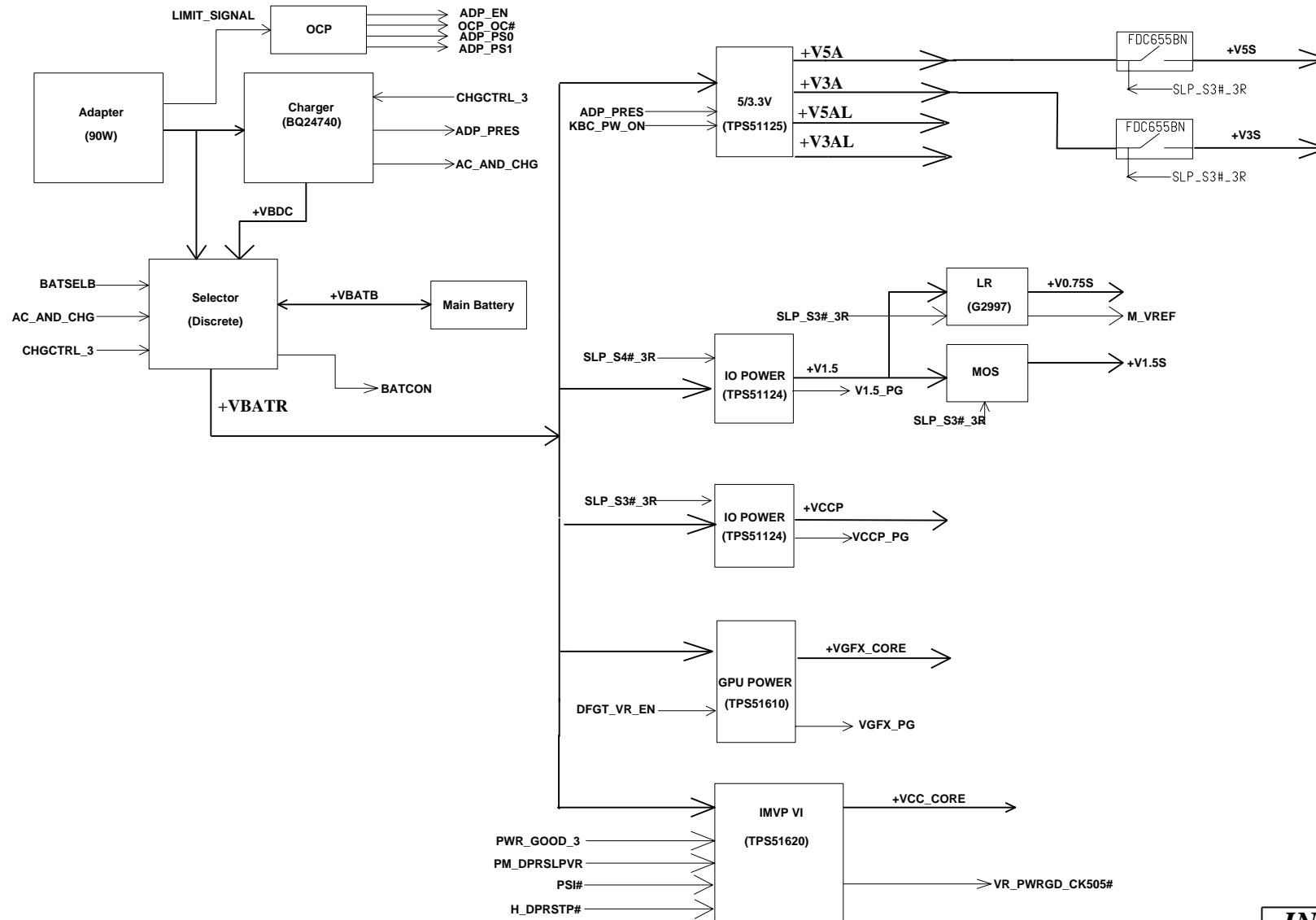
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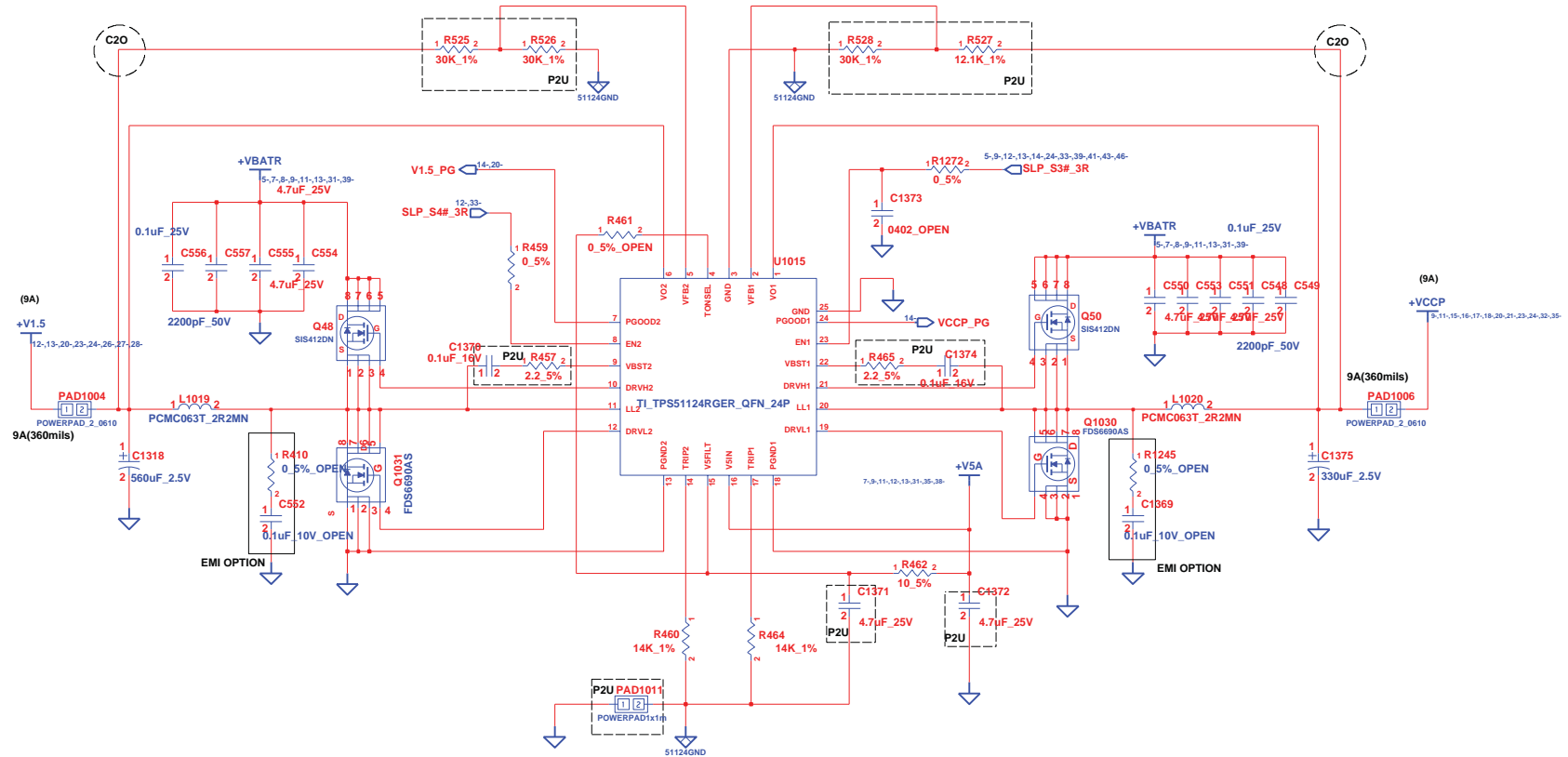
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CHANGE by **Dal.Duke** 14-Apr-2009





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SHEET 4		OF 54	



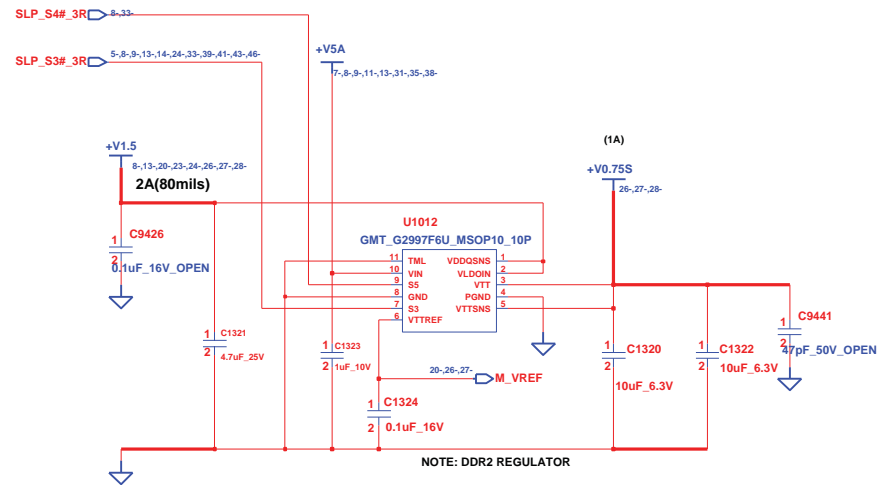
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A3	CS	1310A22592-0-MTR	A01
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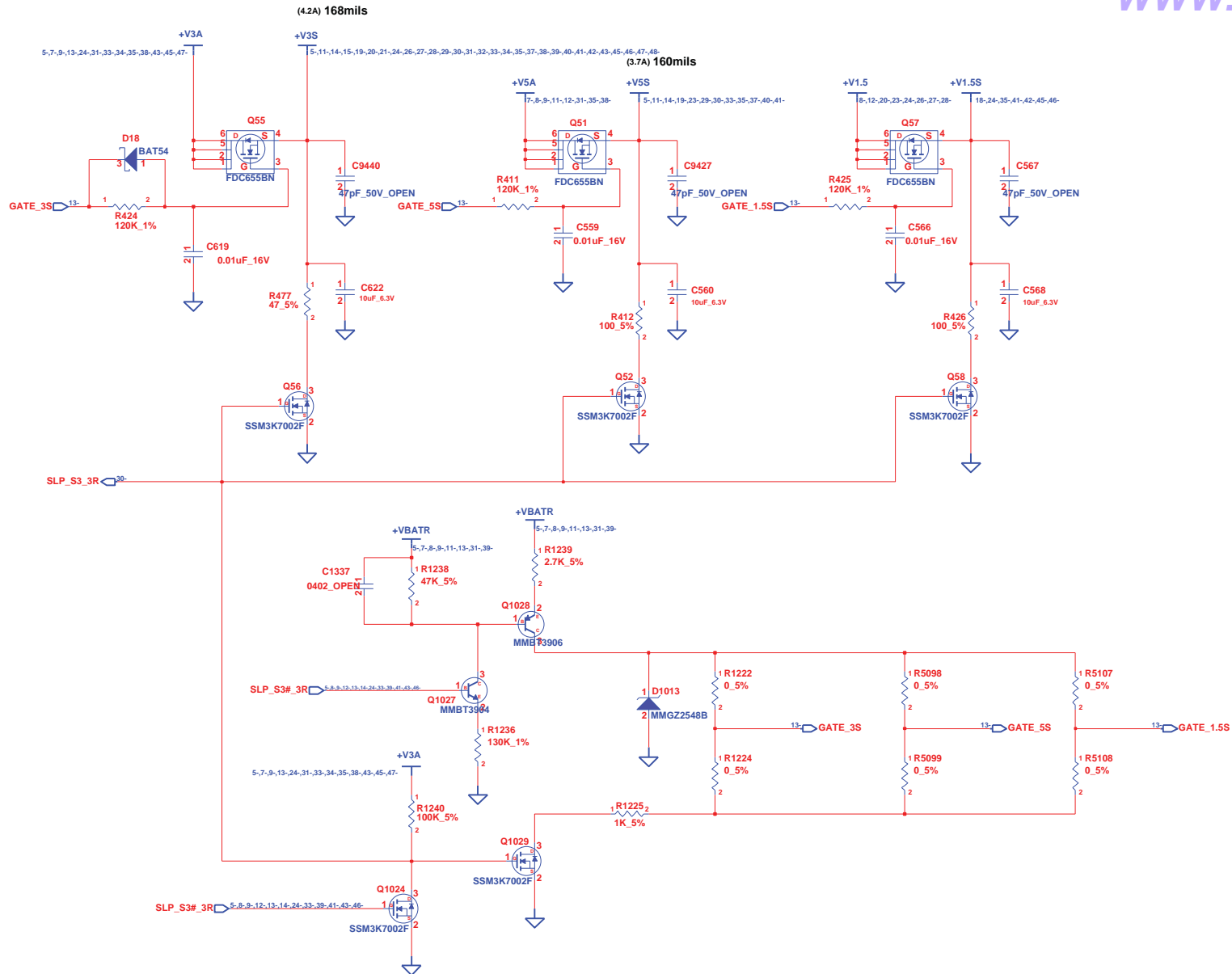
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C									C
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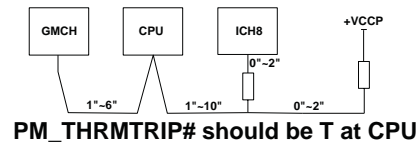
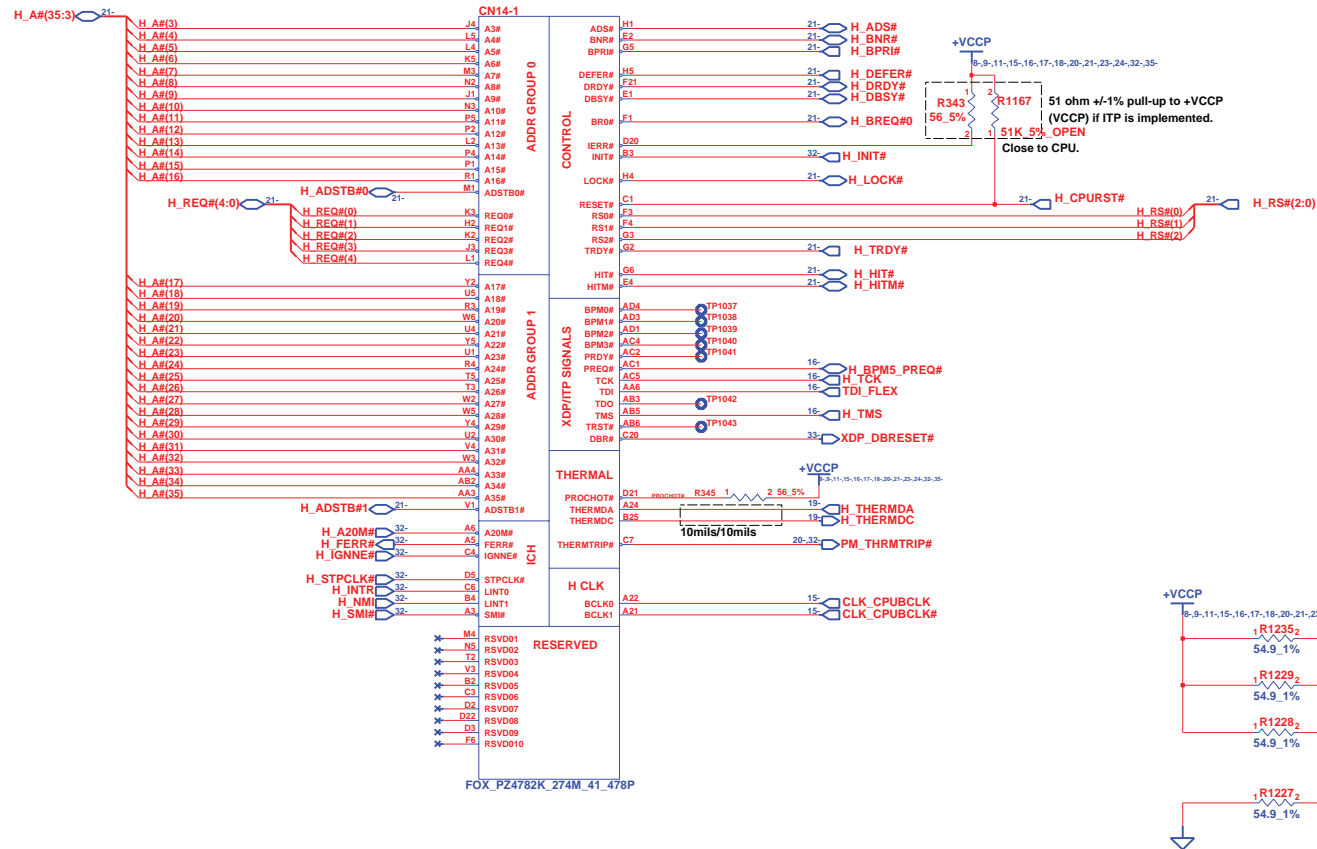
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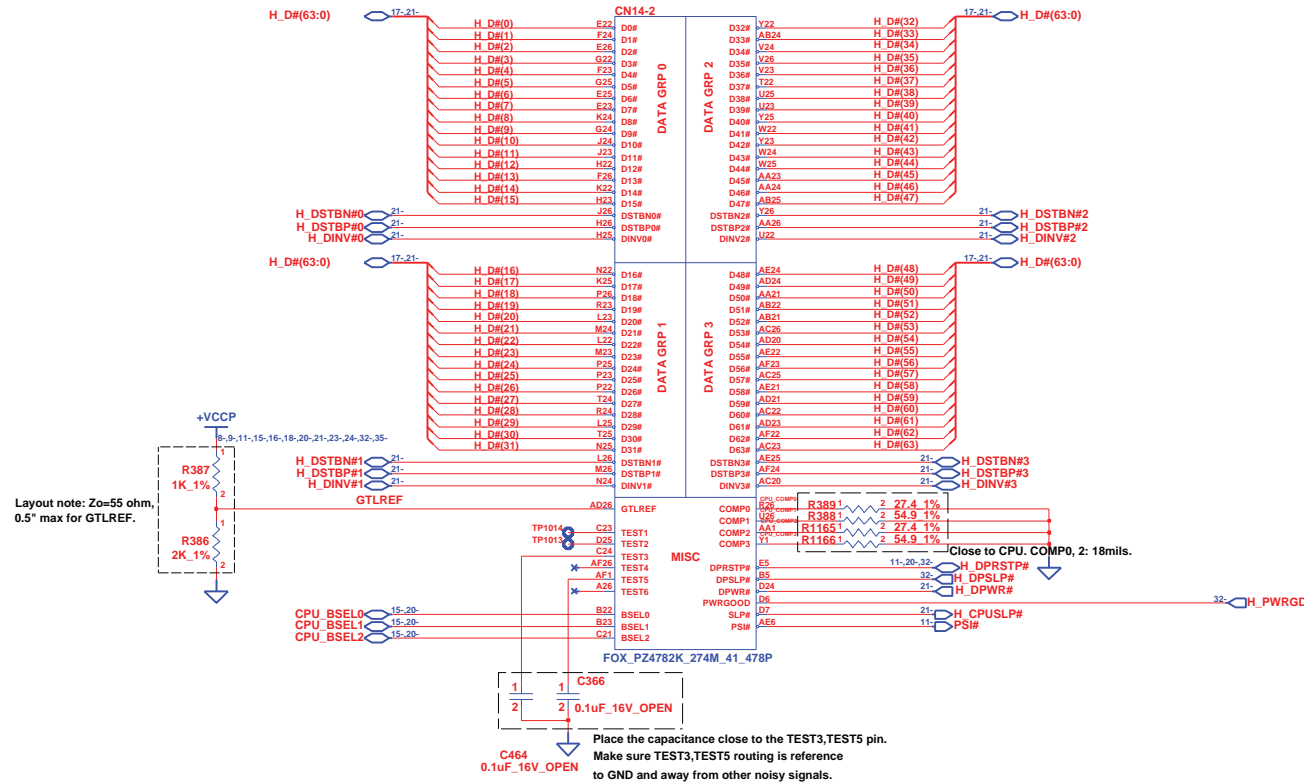
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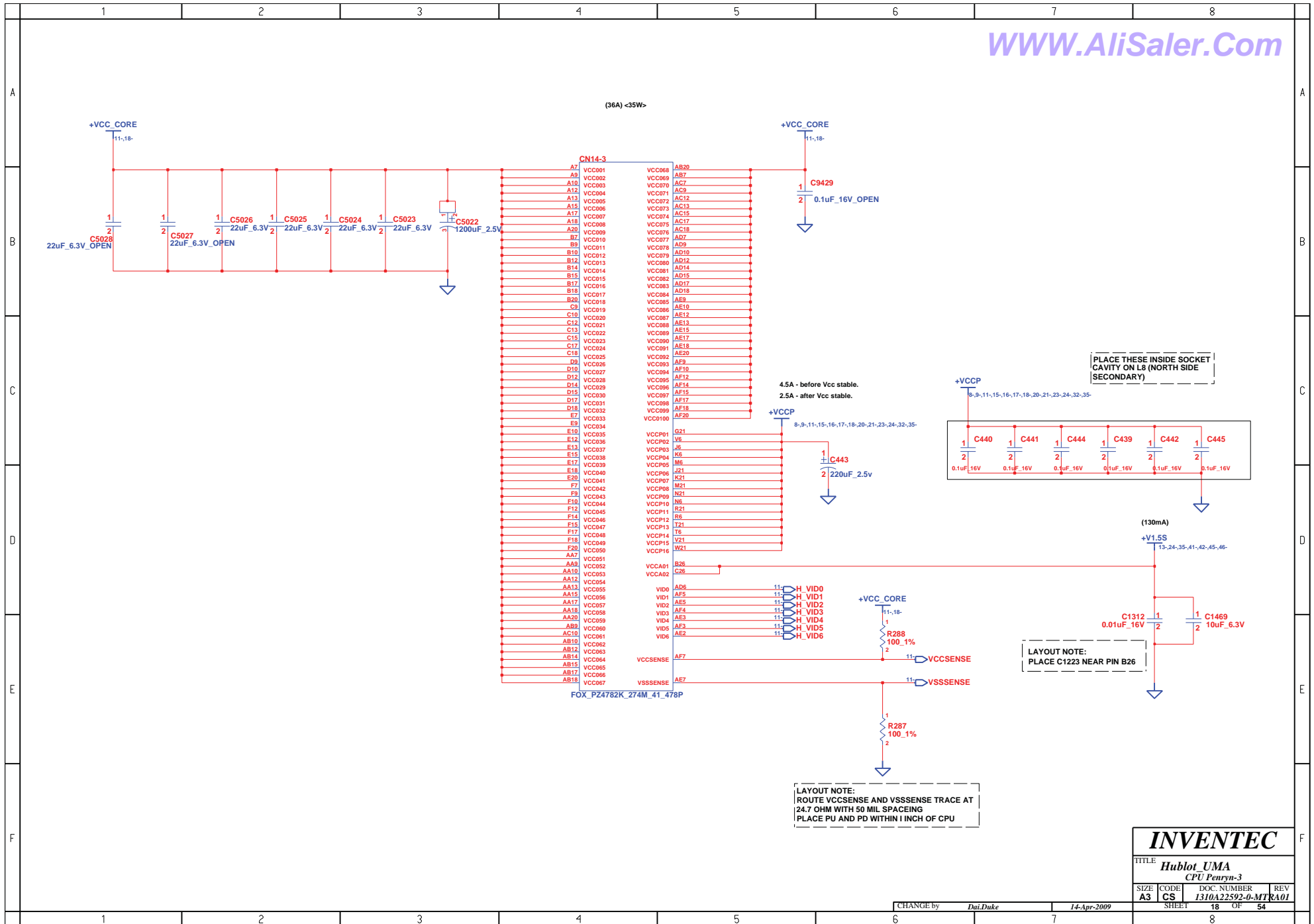
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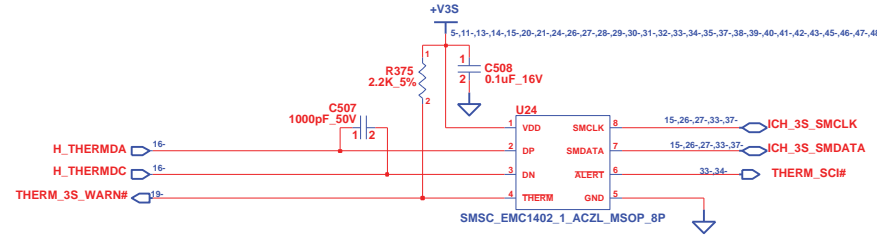
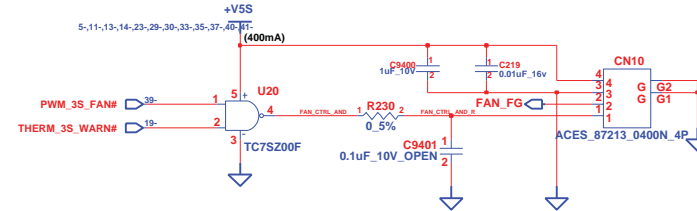
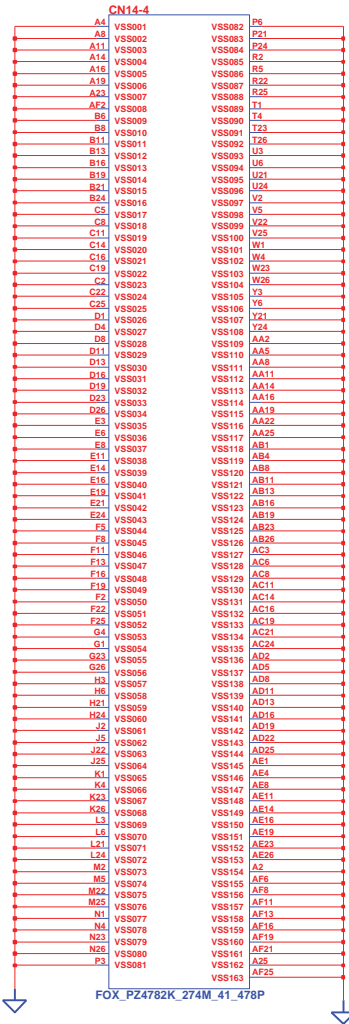


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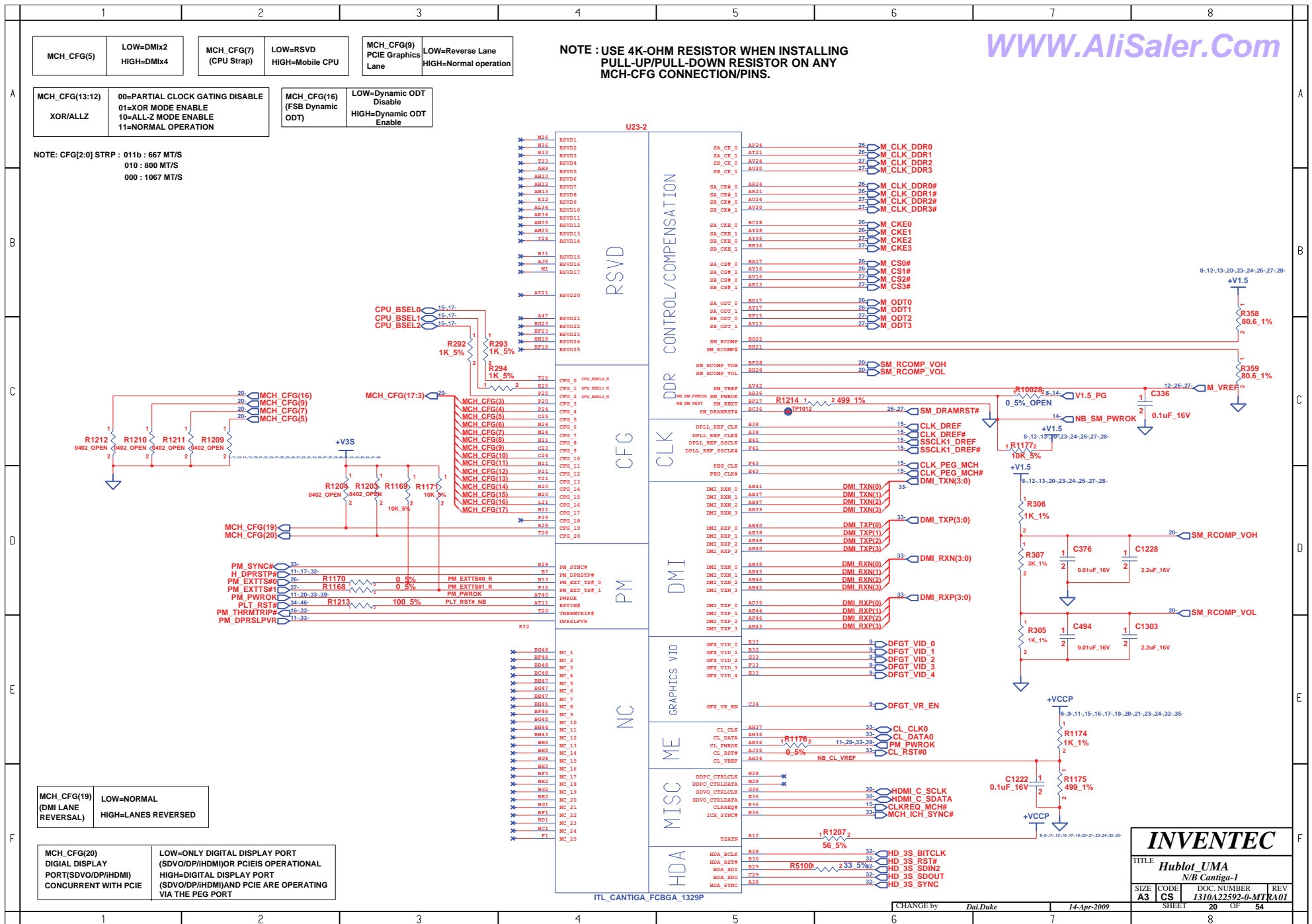
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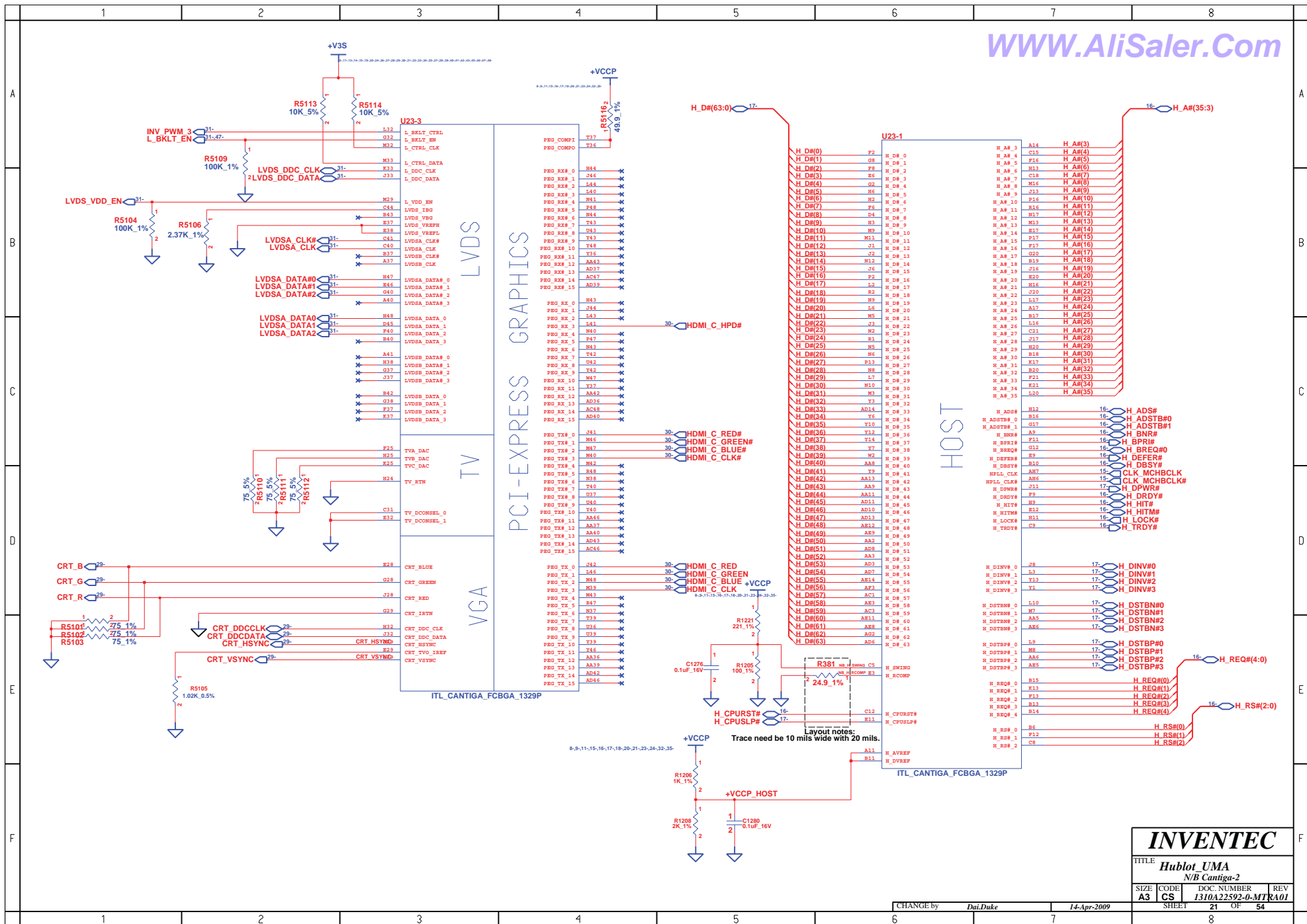
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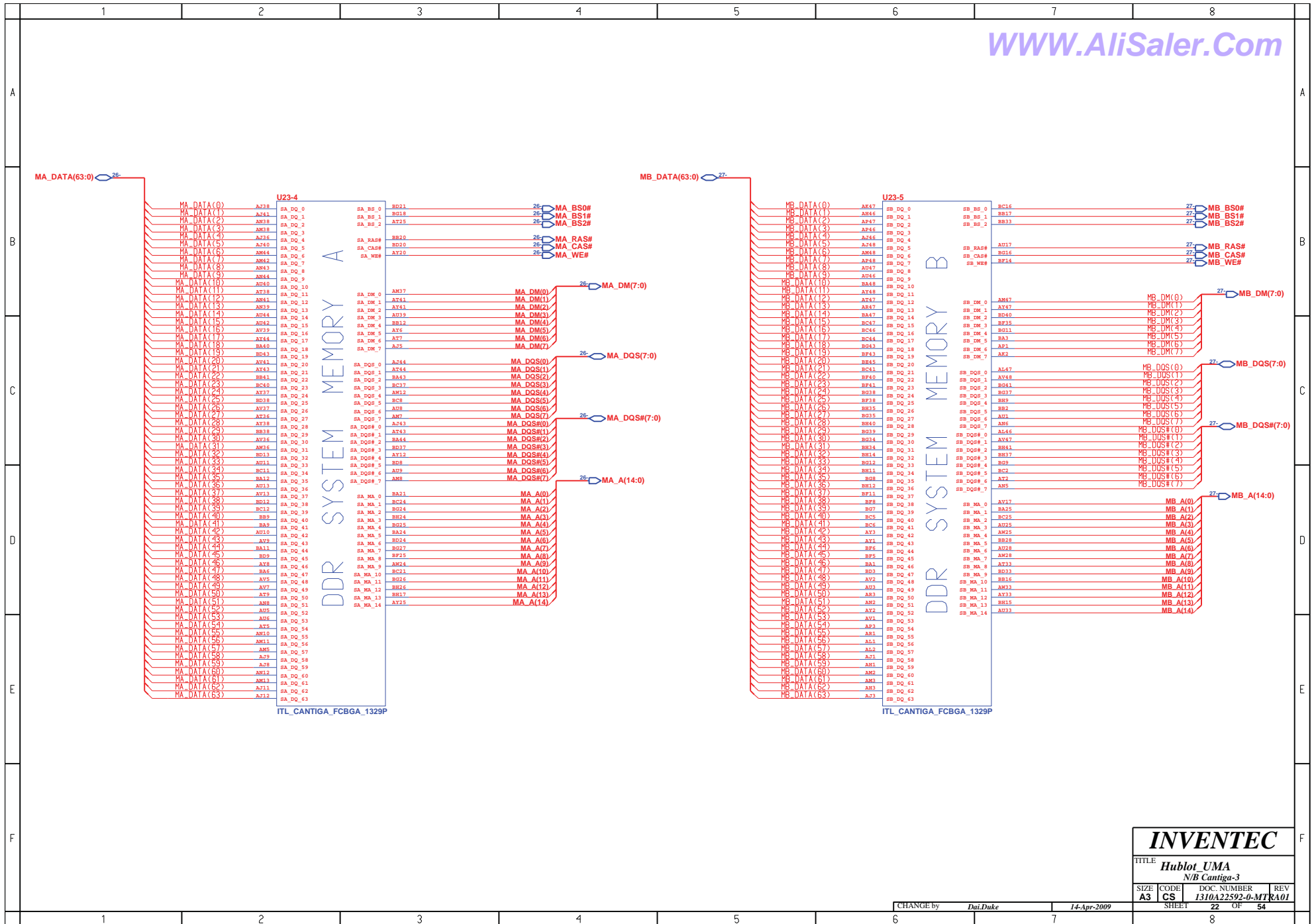


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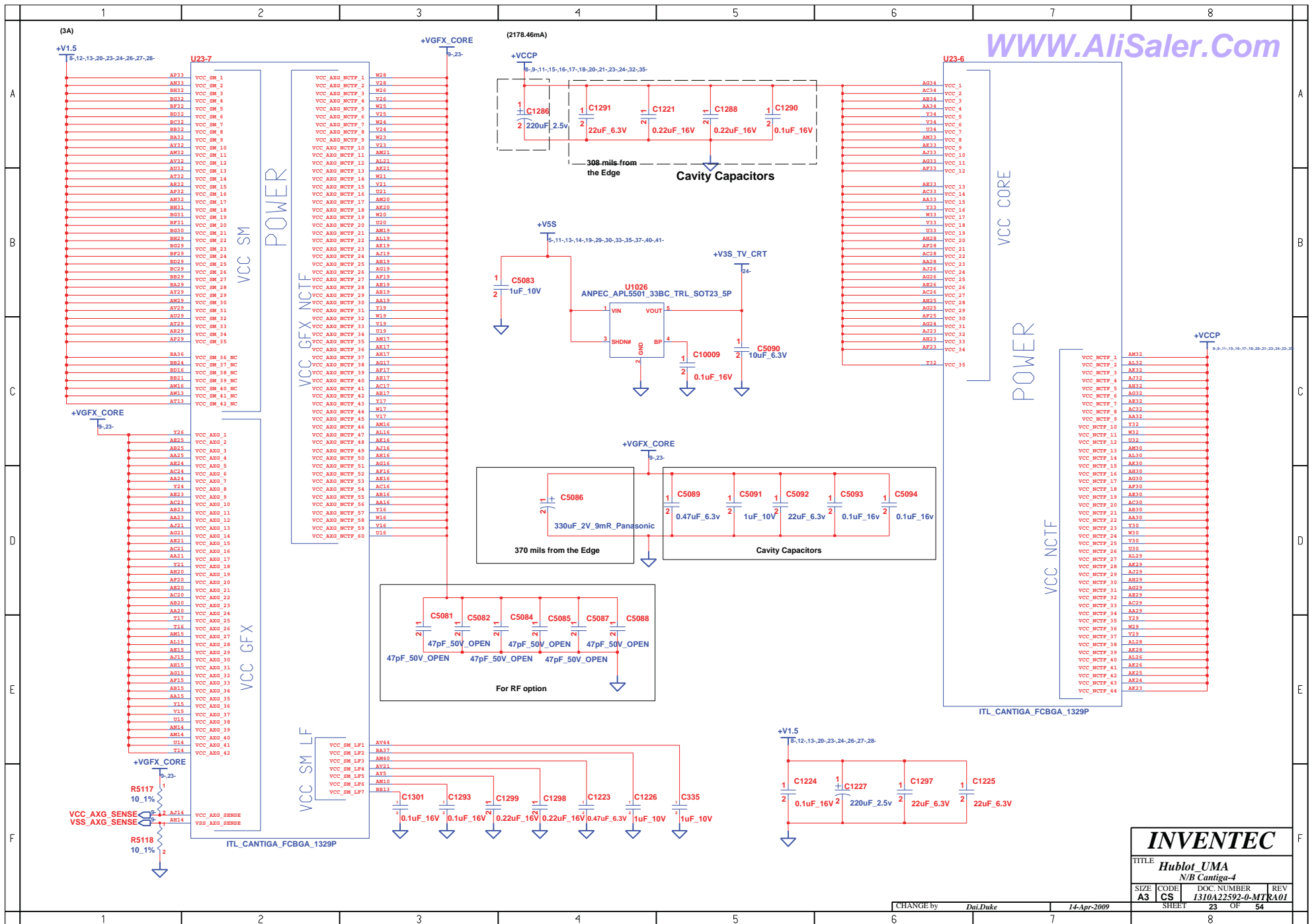
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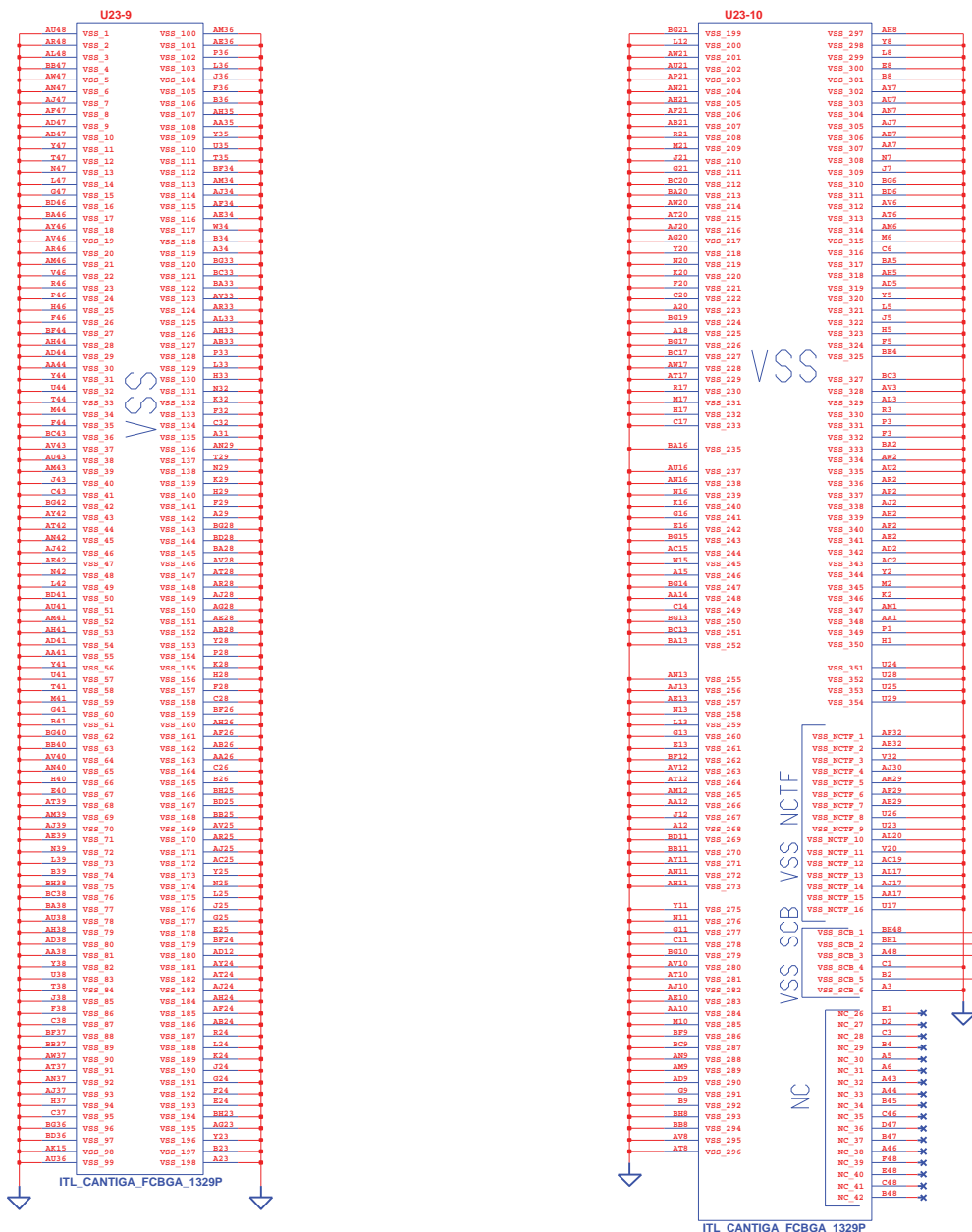




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CHANGE by		DATE	REV
Dul.Duke		14-Apr-2009	22
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A								WWW.AliSaler.Com
B								
C								
D								
E								
F								
	1	2	3	4	5	6	7	8



INVENTEC			
TITLE Hublot_UMA N/B Cantiga-6			
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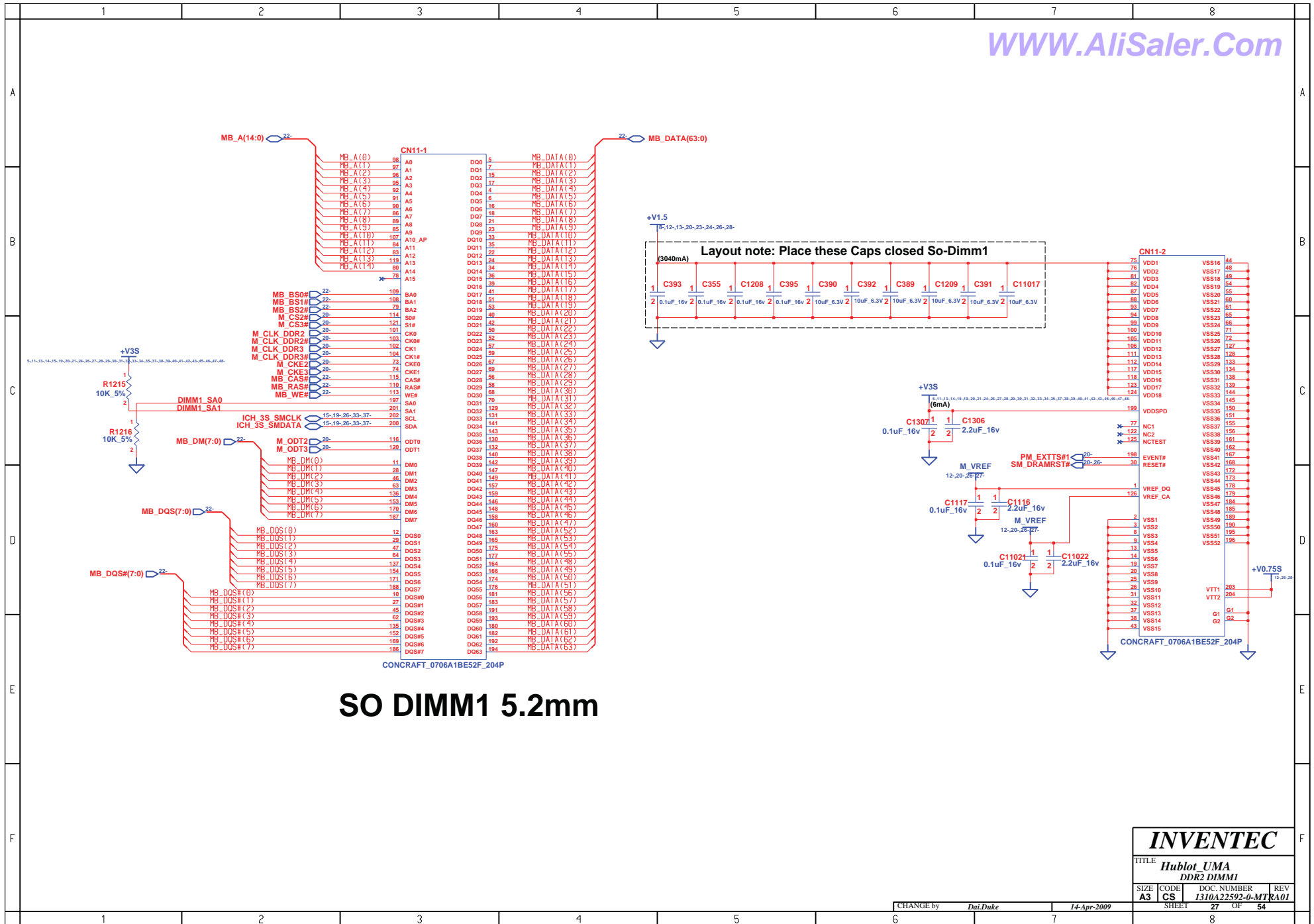
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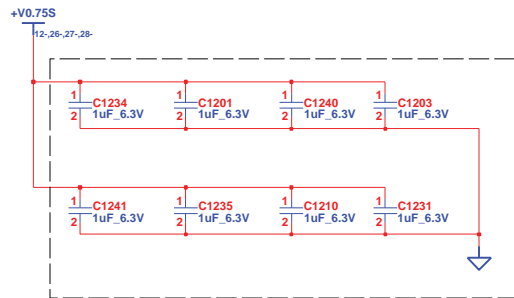
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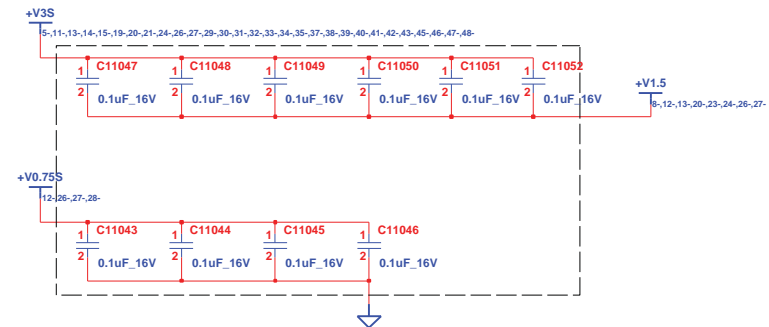
CHANGE by	<i>Dai Duke</i>	<i>14-Apr-2009</i>
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Layout notes : Place one Cap close to every 2 pull up resistor terminated to +V0.75S.

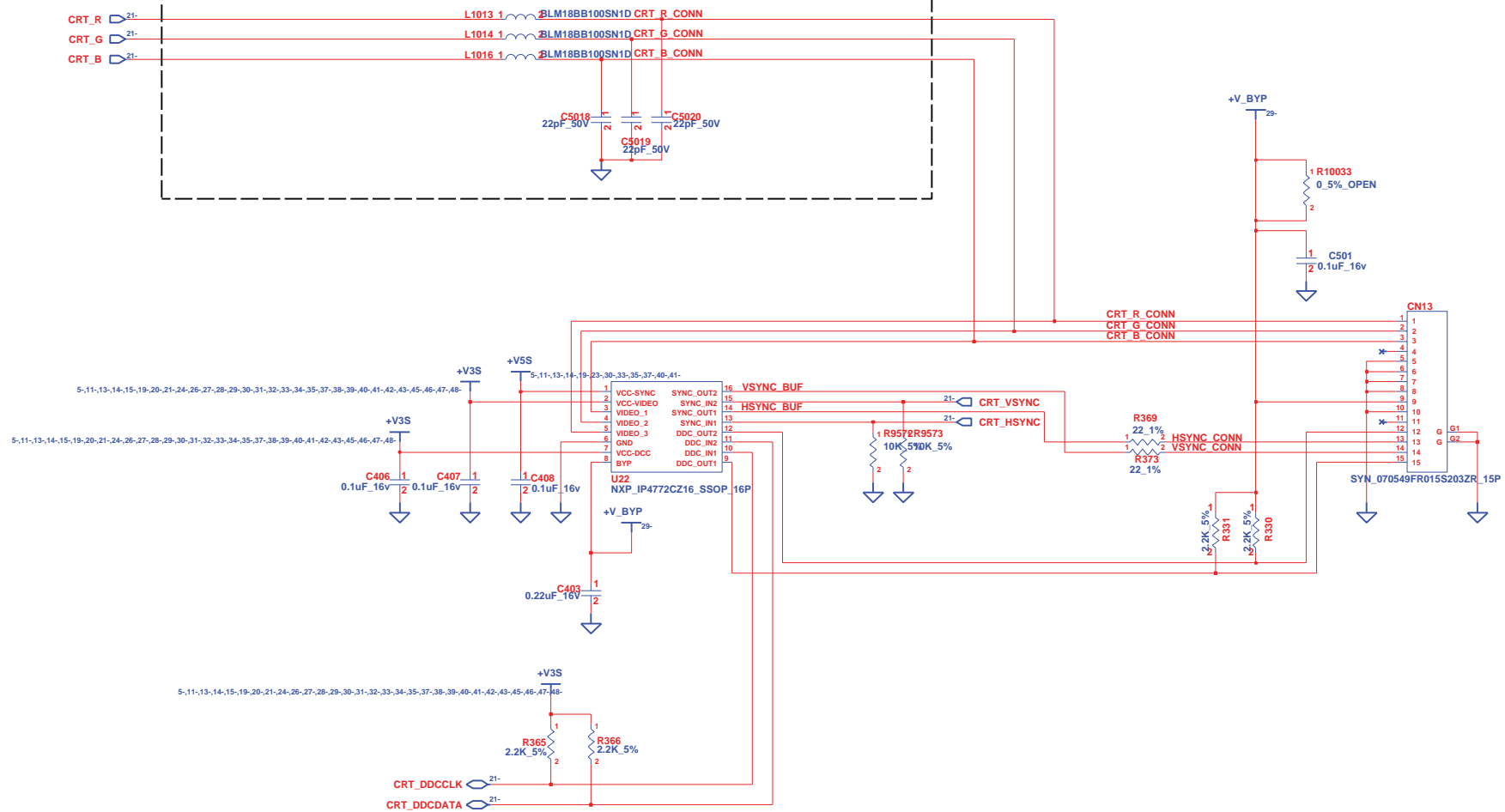


For EMI

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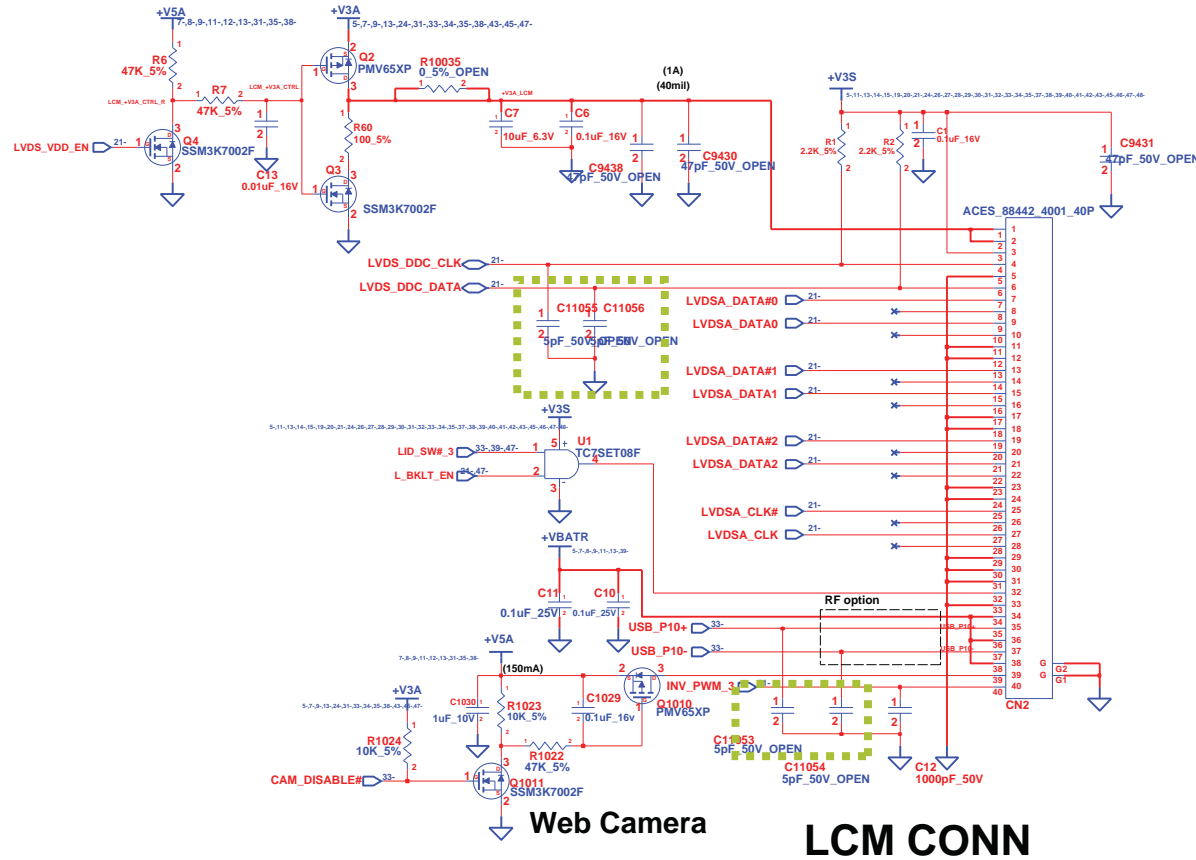
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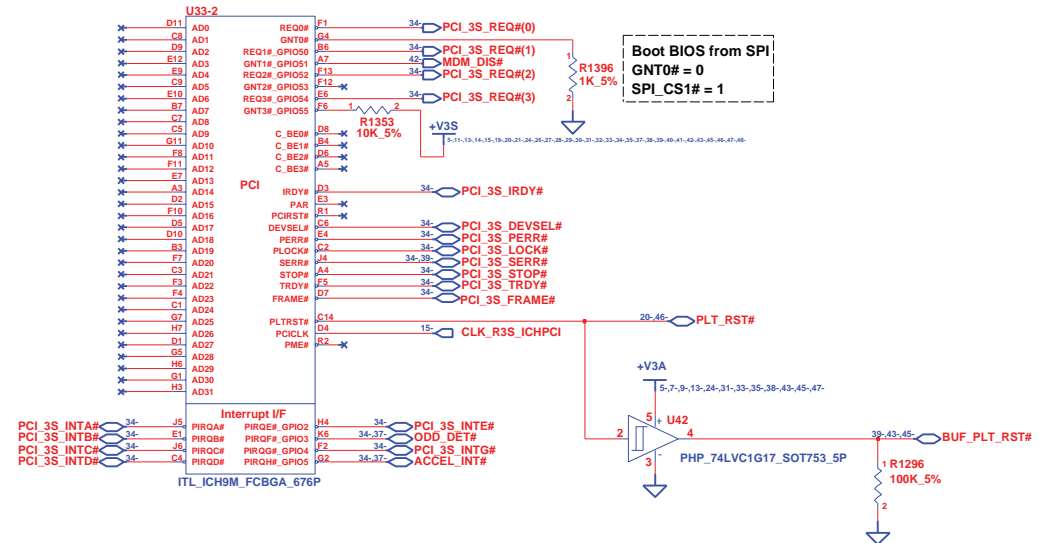
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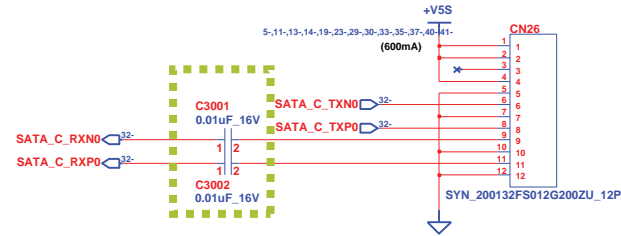


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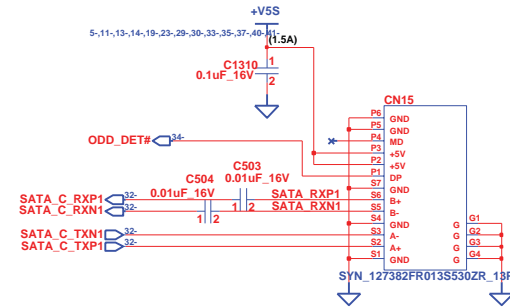


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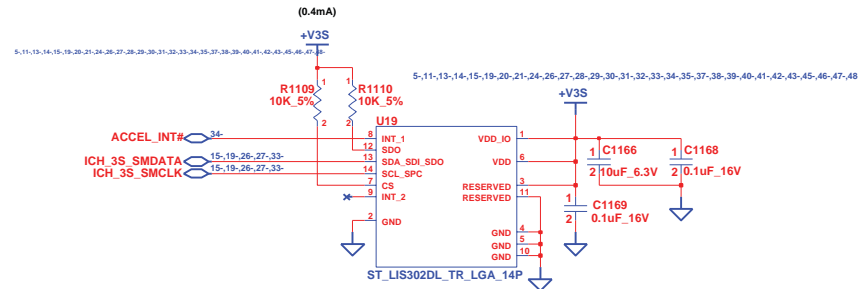
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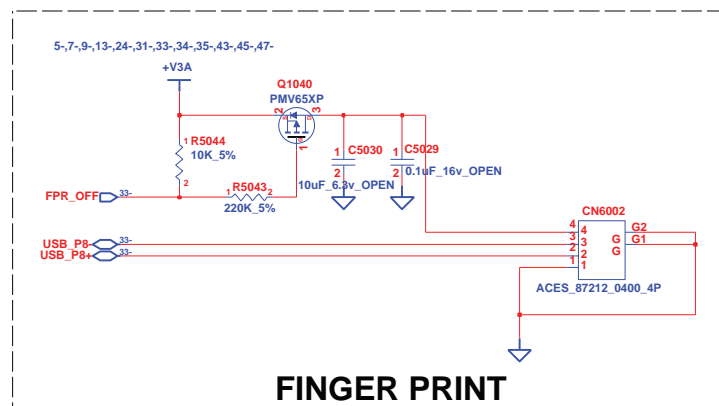
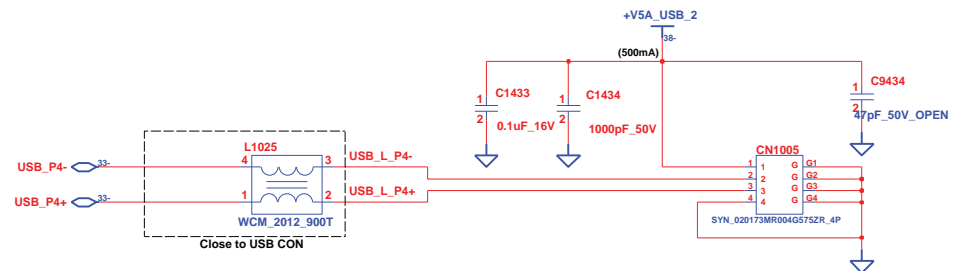
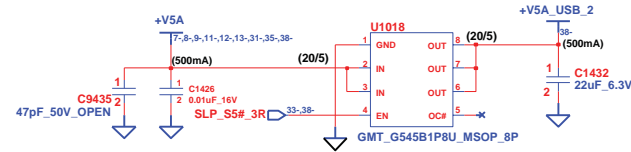
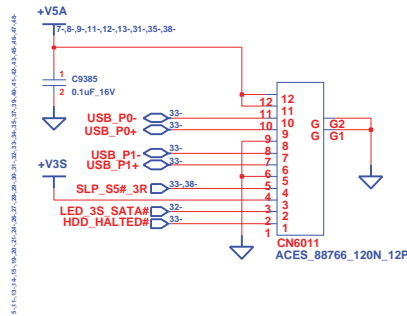
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Accelerometer

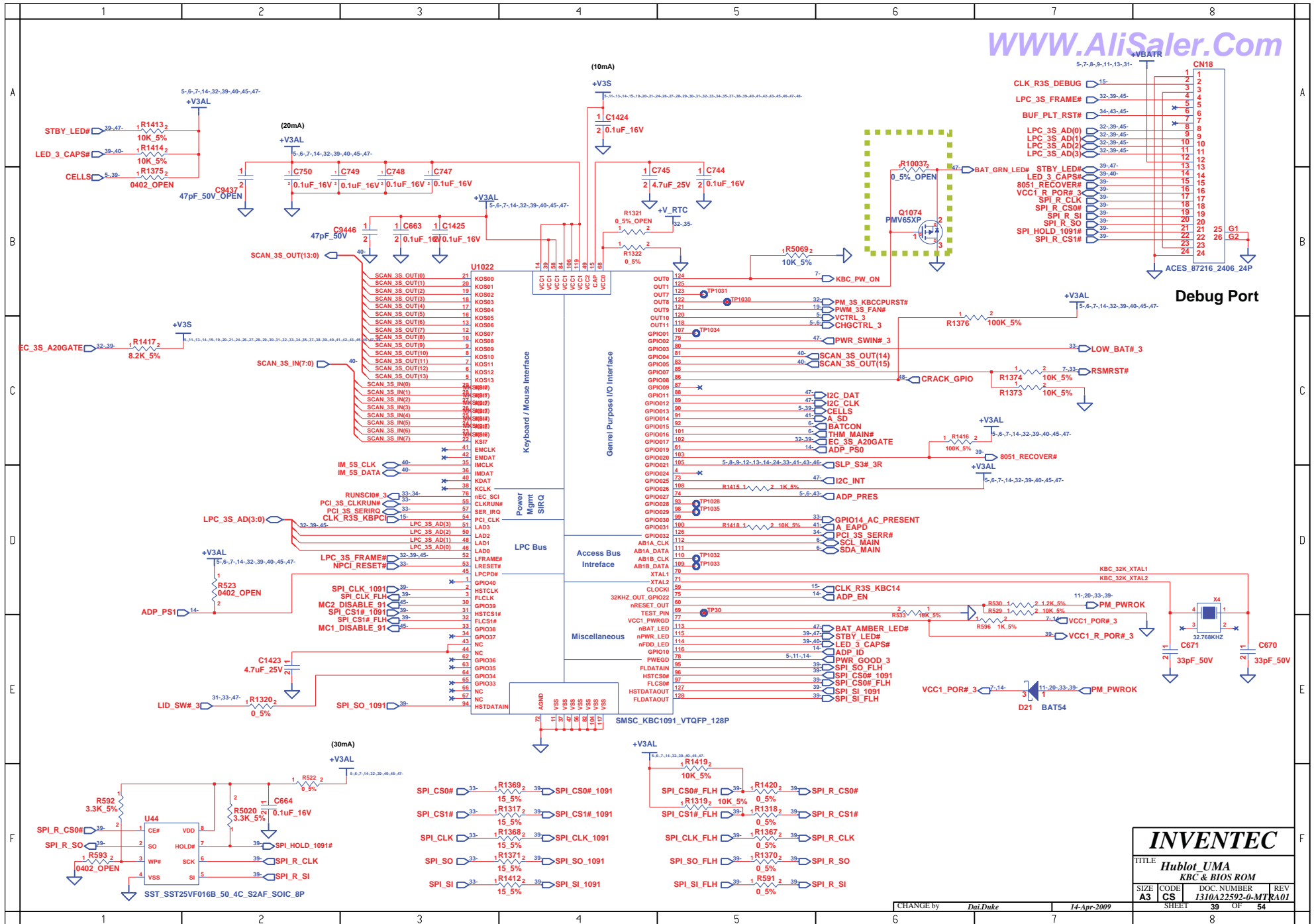
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HDD & ODD CONN & Accelerometer			
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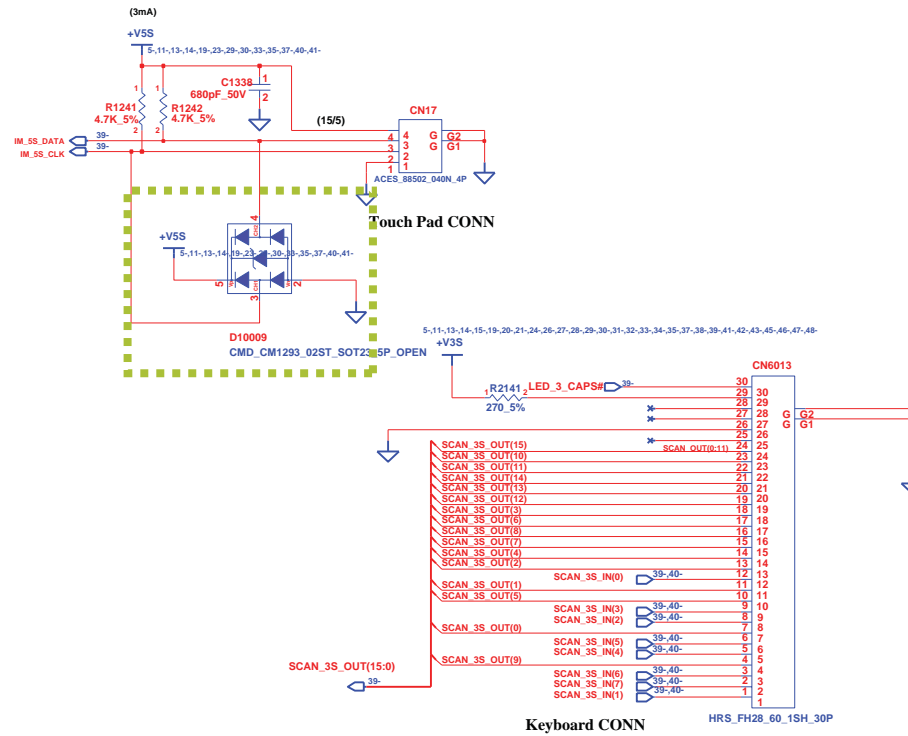
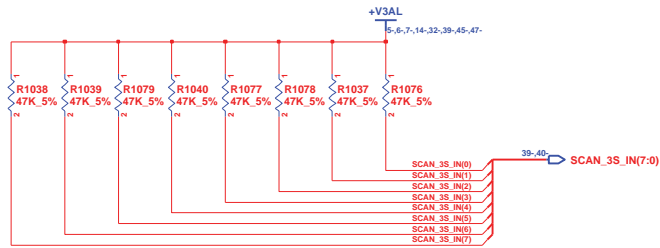
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FINGER PRINT

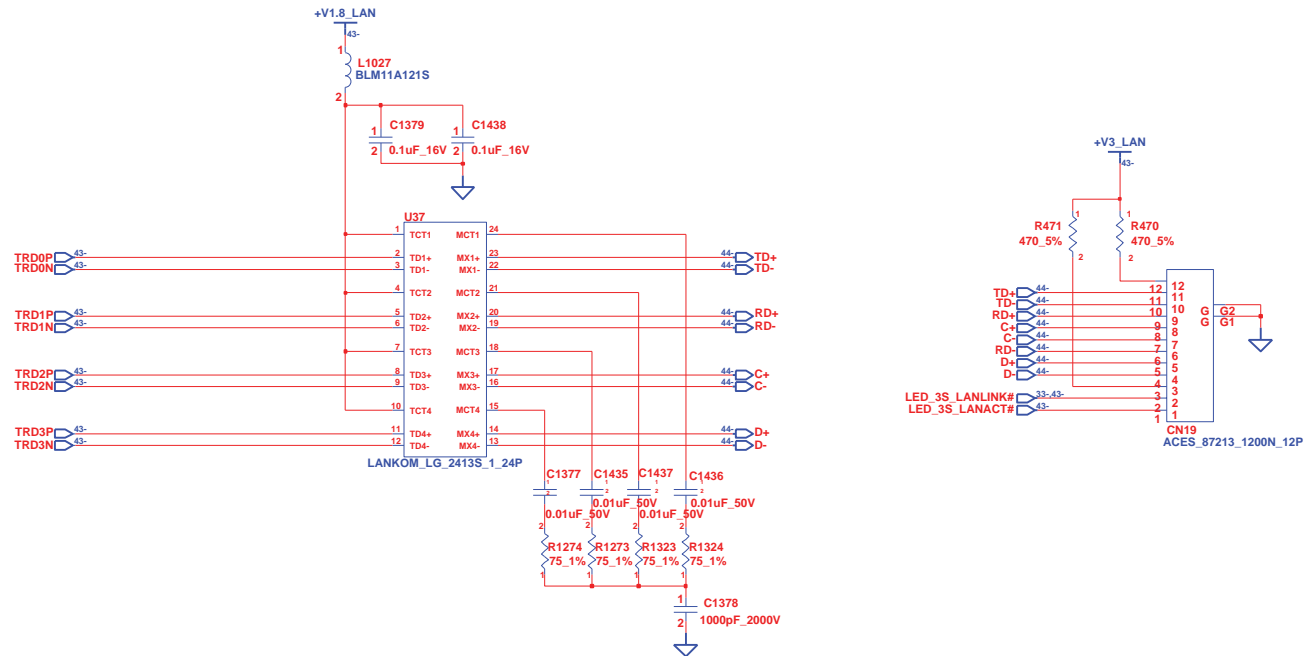
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TITLE Hublot_UMA			
Keyboard & TouchPad CONN			
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INVENTEC			
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CHANGE by: Dal.Duke		14-Apr-2009	
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1 2 3 4 5 6 7 8

MINI Card-WWAN

Close pin2 and pin52 for RF option

Close pin2 and pin52 for RF option

Mini Card-WLAN

WWW.AliSaler.Com

SIM Card Connector

BlueTooth CONN

INVENTEC

TITLE: Hublot UMA

Mini Card(WLAN/Robson)/BT/UWB/Web-CAM

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CHANGE by: Dai,Duke 14-Apr-2009 SHEET: 45 OF: 54

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MINI Card-WWAN

Close pin2 and pin52 for RF option

Close pin2 and pin52 for RF option

Mini Card-WLAN

WWW.AliSaler.Com

SIM Card Connector

BlueTooth CONN

INVENTEC

TITLE: Hublot_UMA

Mini Card(WLAN/Robson)/BT/UWB/Web-CAM

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CHANGE by: Dai,Duke 14-Apr-2009 SHEET: 45 OF: 54

1 2 3 4 5 6 7 8

MINI Card-WWAN

Close pin2 and pin52 for RF option

Close pin2 and pin52 for RF option

Mini Card-WLAN

WWW.AliSaler.Com

SIM Card Connector

BlueTooth CONN

INVENTEC

TITLE: Hublot_UMA

Mini Card(WLAN/Robson)/BT/UWB/Web-CAM

SIZE: A3 CODE: CS DOC. NUMBER: 1310A22592-0-MTR01 REV: 1

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1 2 3 4 5 6 7 8

MINI Card-WWAN

Close pin2 and pin52 for RF option

Close pin2 and pin52 for RF option

Mini Card-WLAN

WWW.AliSaler.Com

SIM Card Connector

BlueTooth CONN

INVENTEC

TITLE: Hublot UMA

Mini Card(WLAN/Robson)/BT/UWB/Web-CAM

SIZE: A3 CODE: CS DOC. NUMBER: 1310A22592-0-MTR01 REV: 1

CHANGE by: Dai,Duke 14-Apr-2009 SHEET: 45 OF: 54

1 2 3 4 5 6 7 8

MINI Card-WWAN

Close pin2 and pin52 for RF option

Close pin2 and pin52 for RF option

Mini Card-WLAN

WWW.AliSaler.Com

SIM Card Connector

BlueTooth CONN

INVENTEC

TITLE: Hublot UMA

Mini Card(WLAN/Robson)/BT/UWB/Web-CAM

SIZE: A3 CODE: CS DOC. NUMBER: 1310A22592-0-MTR01 REV: 1

CHANGE by: Dai,Duke 14-Apr-2009 SHEET: 45 OF: 54

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MINI Card-WWAN

Close pin2 and pin52 for RF option

Close pin2 and pin52 for RF option

Mini Card-WLAN

WWW.AliSaler.Com

SIM Card Connector

BlueTooth CONN

INVENTEC

Hublot UMA

Mini Card(WLAN/Robson)/BT/UWB/Web-CAM

SIZE CODE DOC NUMBER REV

A3 CS I310A22592-0-MTR A01

CHANGE by Dai,Duke 14-Apr-2009

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1 2 3 4 5 6 7 8

MINI Card-WWAN

Close pin2 and pin52 for RF option

Close pin2 and pin52 for RF option

Mini Card-WLAN

WWW.AliSaler.Com

SIM Card Connector

BlueTooth CONN

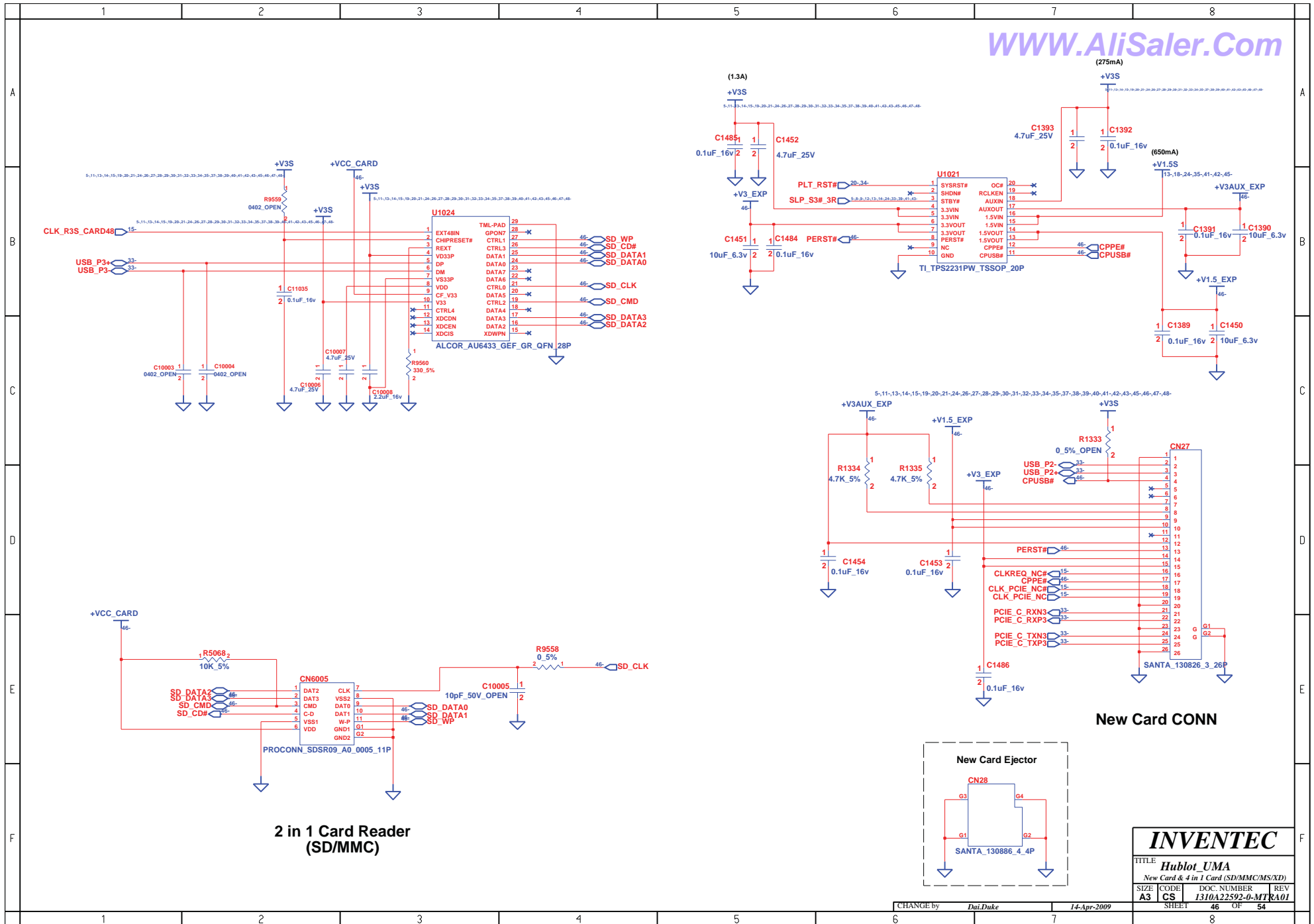
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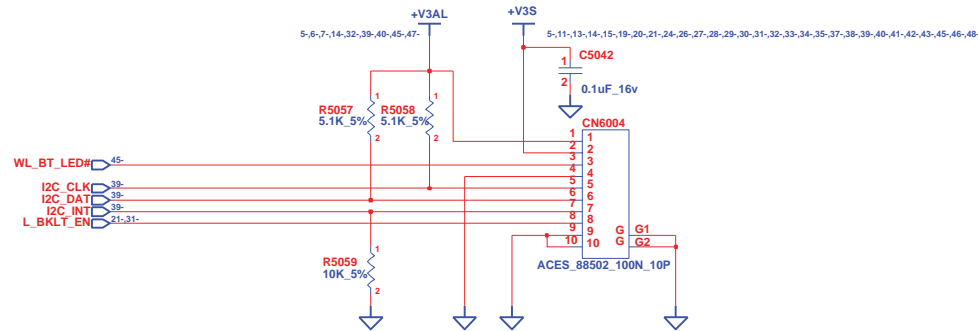
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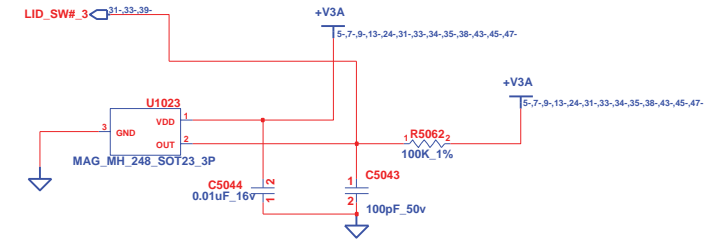
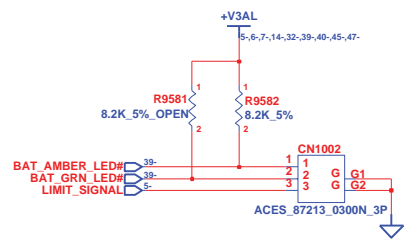
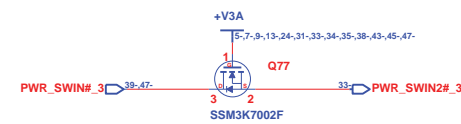
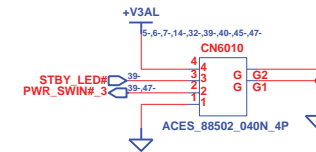
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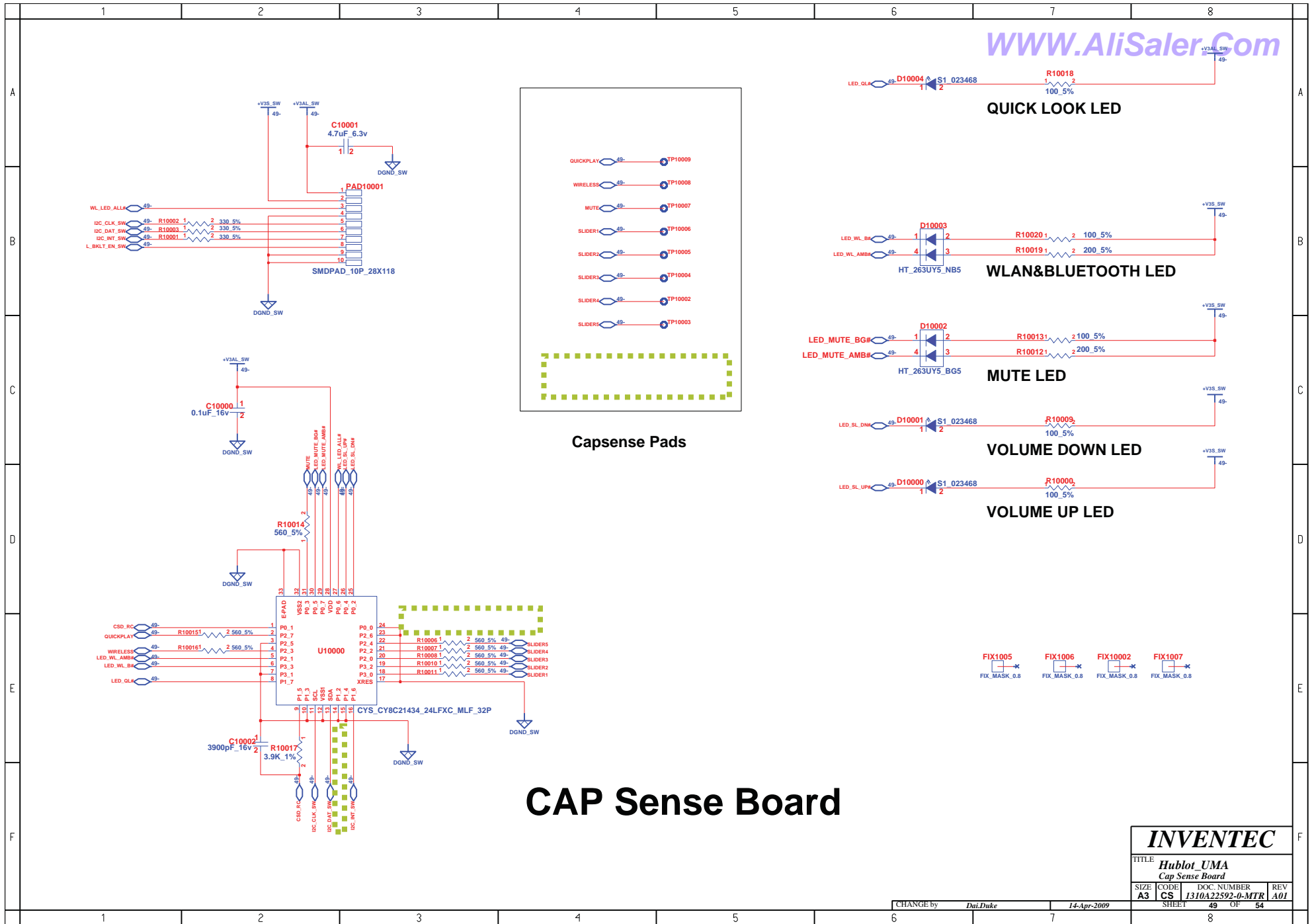


Power SW CONN



LID SWITCH

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SIZE A3	CODE CS	DOC. NUMBER 1310A22592-0-MTR	REV A01
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FIX10001
FIX_MASK_0.8

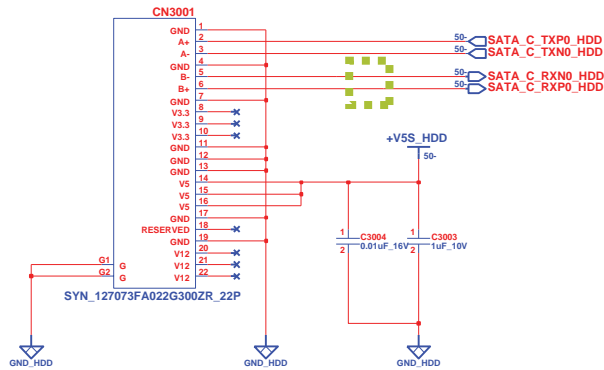
FIX10003
FIX_MASK_0.8

FIX10000
FIX_MASK_0.8

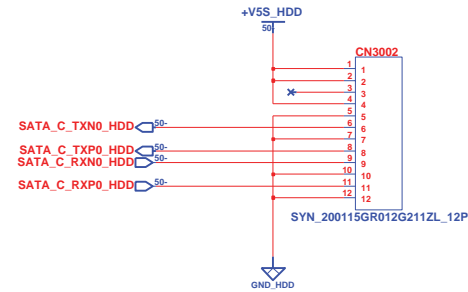
FIX3004
FIX_MASK_0.8

FIX3005
FIX_MASK_0.8

SATA HDD CONN



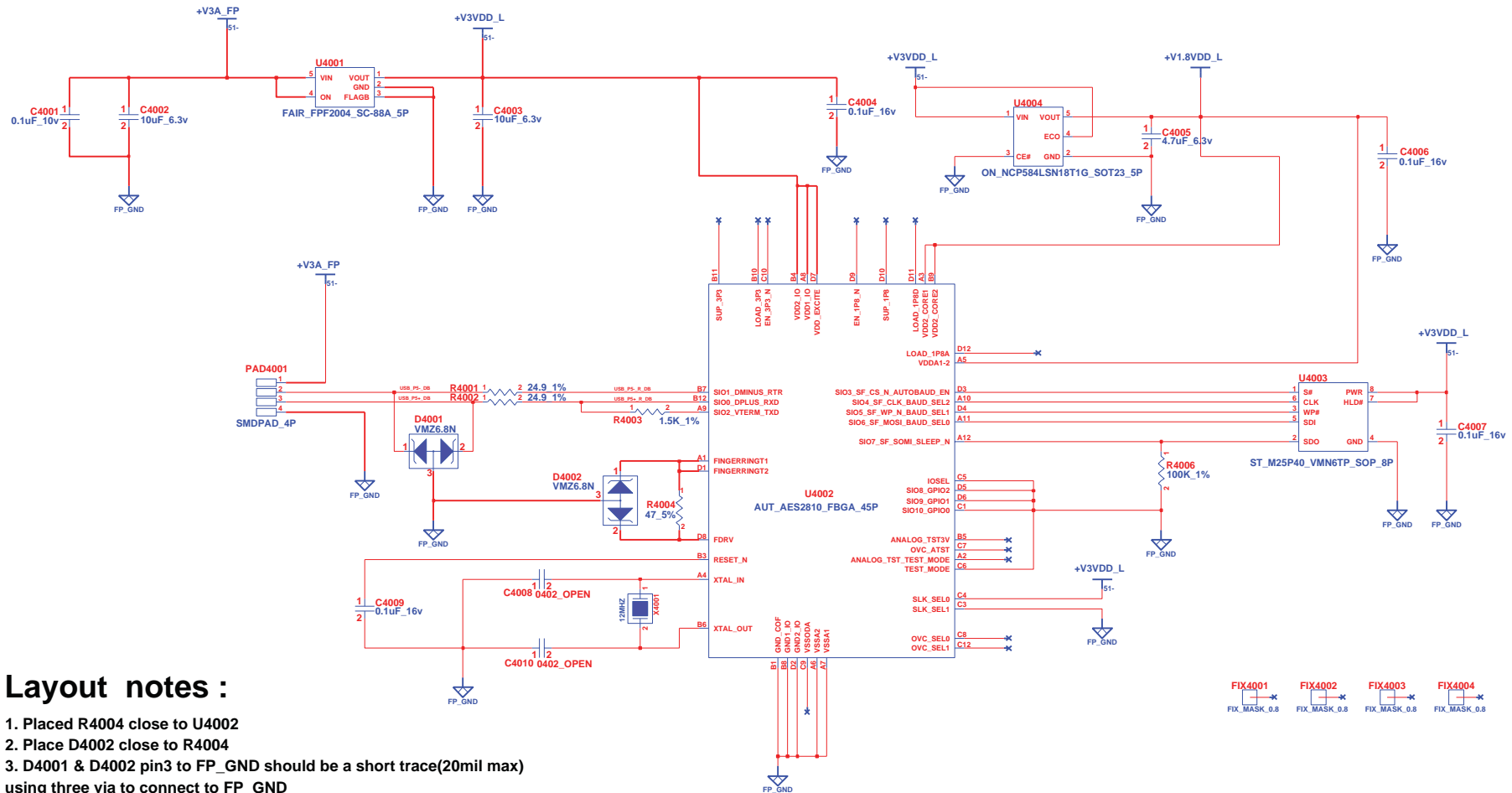
SATA HDD P-HEADER



SATA HDD Extend Board

INVENTEC			
TITLE Hublot_UMA SATA HDD Extend Board			
SIZE A3	CODE CS	DOC. NUMBER 1310A22592-0-MTR	REV A01
SHEET		50	OF 54

CHANGE by Dal.Duke 20-Apr-2009



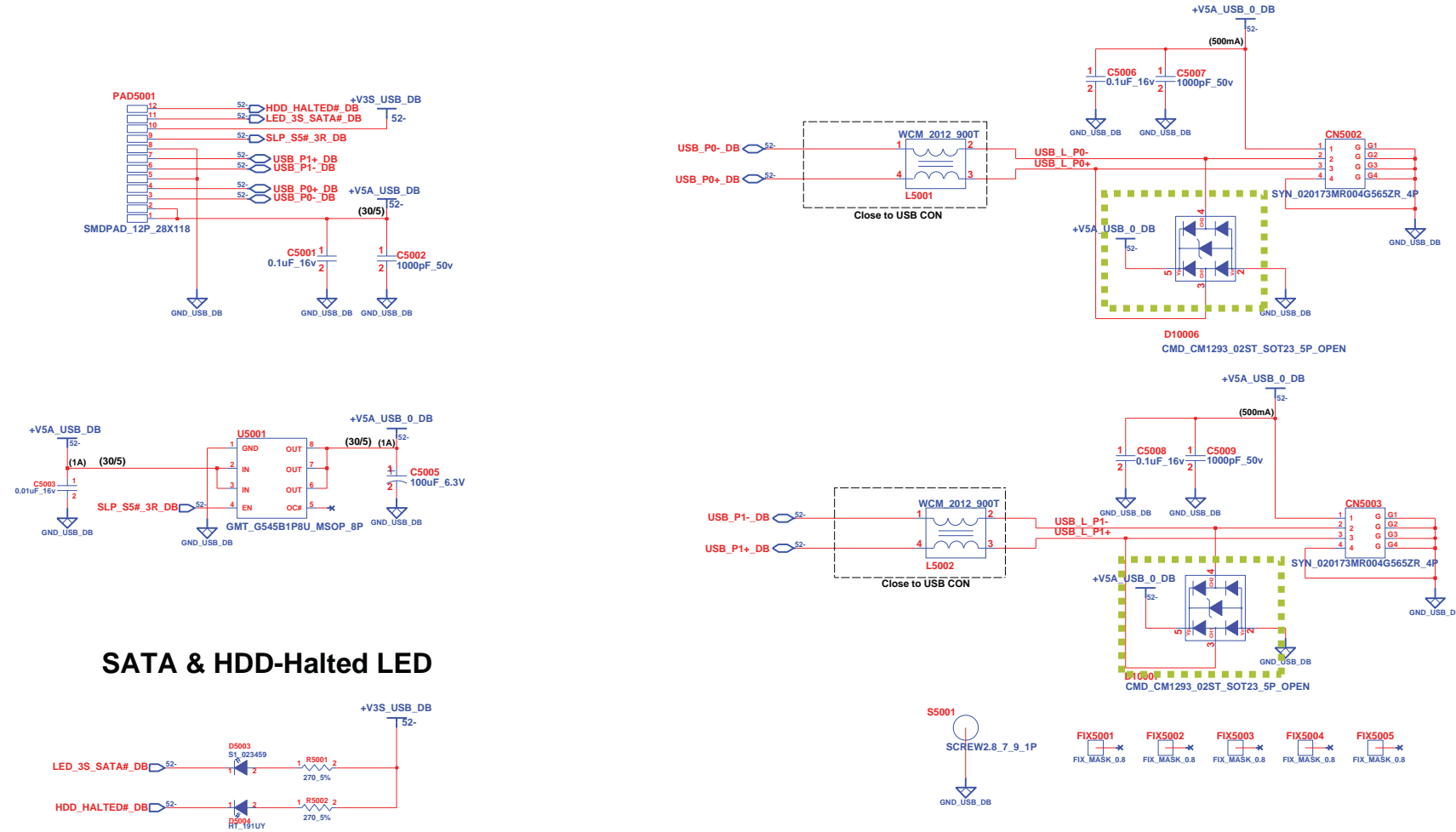
FINGER PRINT READER DAUGHTER BOARD

INVENTEC

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

CHANGE by: DalDuke 14-Apr-2009

SHEET 51 OF 54



SATA & HDD-Halted LED

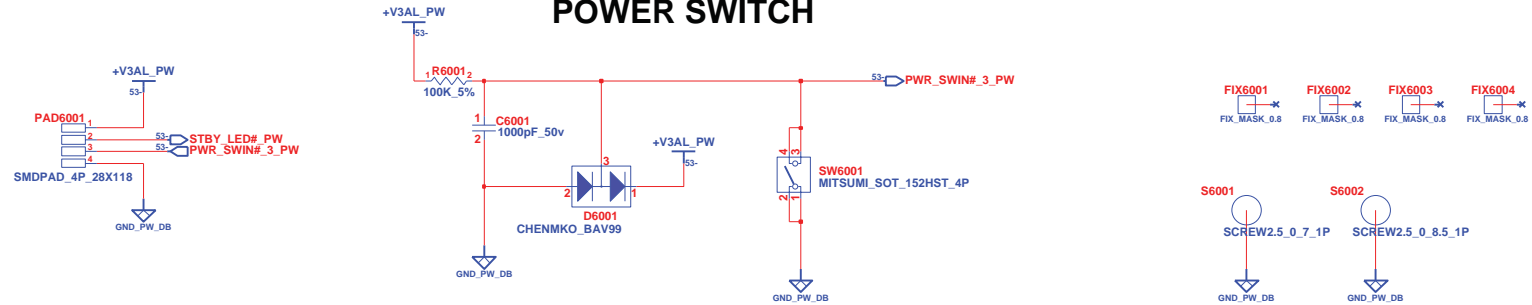
USB Daughter Board

INVENTEC

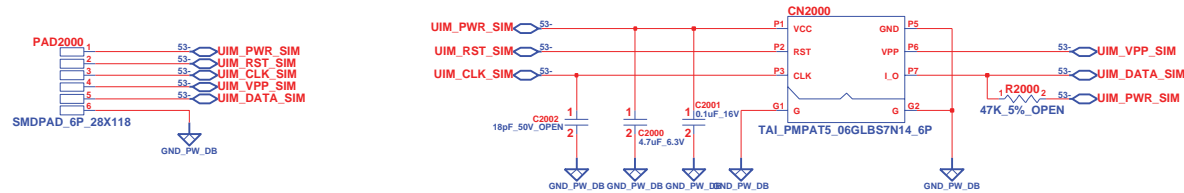
TITLE			
Hublot_UMA			
USB Daughter Board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22592-0-MTR	A01
SHEET		OF	54

CHANGE by *DalDuke* 14-Apr-2009

POWER SWITCH



Power / Standby LED



Power Button & SIM Card Board

INVENTEC

TITLE Hublot_UMA Power Switch & Sim Card Board			
SIZE A3	CODE CS	DOC NUMBER 1310A22592-0-MTR	REV A01
SHEET 53		OF 54	

CHANGE by *DalDuke* 14-Apr-2009