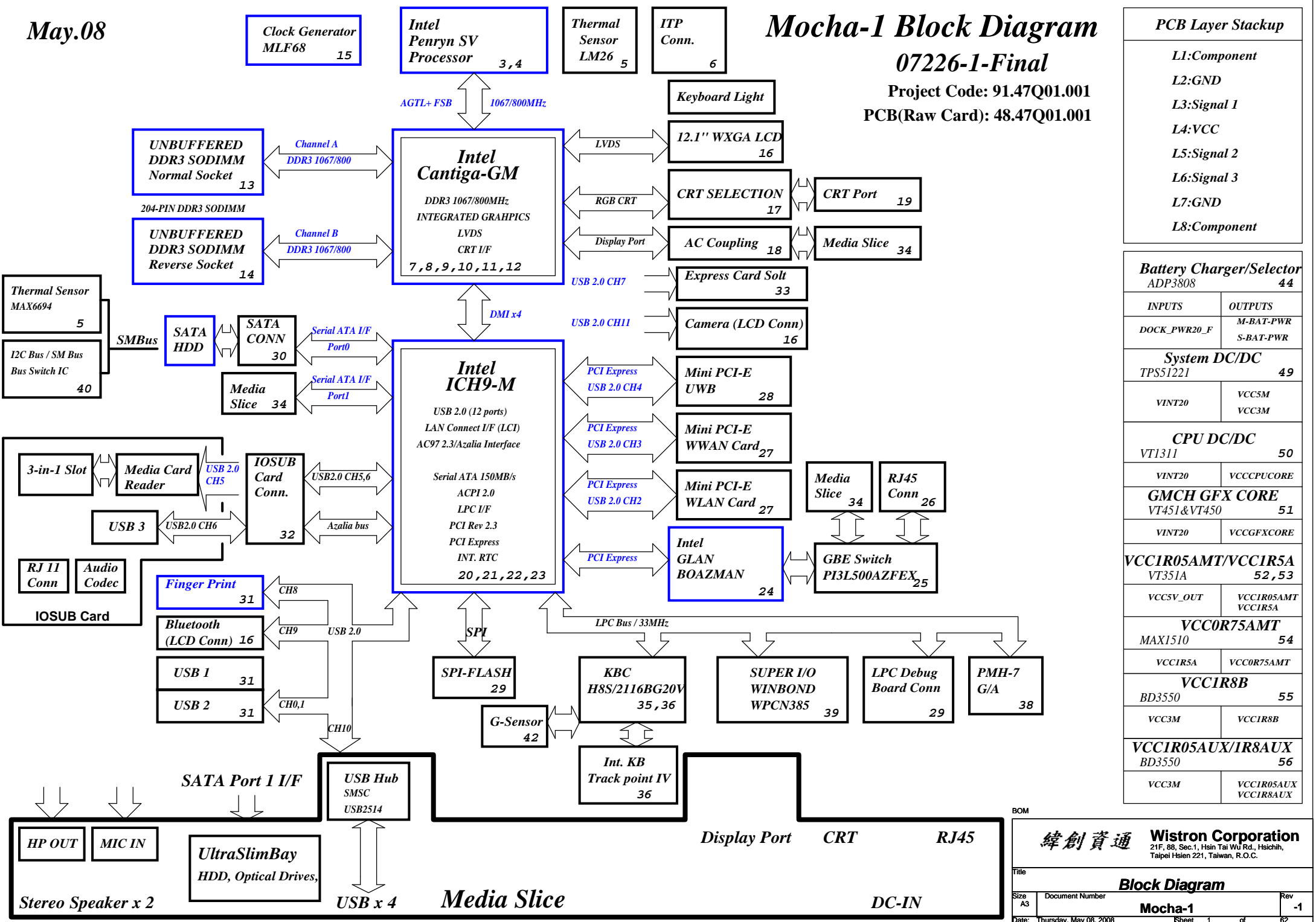


May.08



緯創資通

Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.

Title

Block Diagram

Size A3

Document Number

Rev

Mocha-1

-1

Date: Thursday, May 08, 2008

Sheet 1 of 62

## RESISTOR

Symbol name	Value	Tolerance (J: 5%, F: 1%, D: 0.5%, B: 0.1 %)	Rating 0402=> 1/16W, 25V 0603 => 1/16W, 75V 0805 => 1/10W, 100V	Size 2=>0402, 3=>0603, 5=>0805, 6=>1206, 0=>1210
10KR3	10K Ohm	If no letter, it means J: 5%	1/16W, 75V	0603
33D3R5	33.3 Ohm	If no letter, it means J: 5%	1/10W, 100V	0805
1KR3F	1K Ohm	F: 1%	1/16W, 75V	0603

The naming rule is value + R + size + tolerance  
 For the value, it can be read by the number before R. (R means resistor)  
 For the tolerance, it can be read from the last letter.  
 For the rating, we don't show on the symbol name.  
 For the size, R2=>0402, R3=>0603, R5=>0805,....

## CAPACITOR

Symbol name	Value	Tolerance (M: +/-20, K: +/-10, Z: +80/-20)	Rating	Size 2=>0402, 3=>0603, 5=>0805, 6=>1206, 0=>1210
SCD1U10V2MX-1	0.1uF	M/X5R	10V	0402
SC10U6D3V5MX	10uF	M/X5R	6.3V	0805
SC2D2U16V5ZY	2.2uF	Z/Y5V	16V	0805

The naming rule is  
Capacitor type + value + rating + size + tolerance + material  
SCD1U10V2MX-1  
SC=> SMT Ceramic, TC=> POS cap or SP cap  
D1U => 0.1uF  
10V => the voltage rating is 10V  
2=> 0402, 3=>0603, 5=>0805  
M=>tolerance M, K, Z  
X=> X7R/X5R, Y=> Y5V  
-1 => symbol version, nonsense to EE characteristic

## PLANAR\_ID[3..0]

ICH8-M GPIO <sub>n</sub>	39	38	37	36	Planar ID Version	Planar PCB Version
PLANAR_ID <sub>n</sub>	3	2	1	0		
	0	0	0	0	Mocha-1 Pre-DV	SA
	0	0	0	1	Mocha-1 DV	SB
	0	0	1	0	Mocha-1 SIV	SC
	0	0	1	1	Mocha-1 SIV (3 Phase)	FC
	0	1	0	0	Mocha-1 SIT	SD,SE
	0	1	0	1	Mocha-1 SVT	1
	0	1	1	0		
	0	1	1	1		


## EC HISTORY

[illegible]

## PCI TABLE

DEVICE	IDSEL	IRQ (Default)	REQ# / GNT#
MINIPCI SLOT	AD18	F, G	REQ# 3/ GNT#
CARDBUS R5C811	AD16	SERIRQ	REQ#0 / GNT#
USB UHCI	AD29	A, C, D	
USB 2.0 EHCI	AD29	H	
DMI-to-PCI/ AC97 Modem/ AC97 Audio	AD30	B B	
LPC Bridge IDE SATA SMBus	AD31	C C B	
PCI Express	AD28	A, B, C, D	

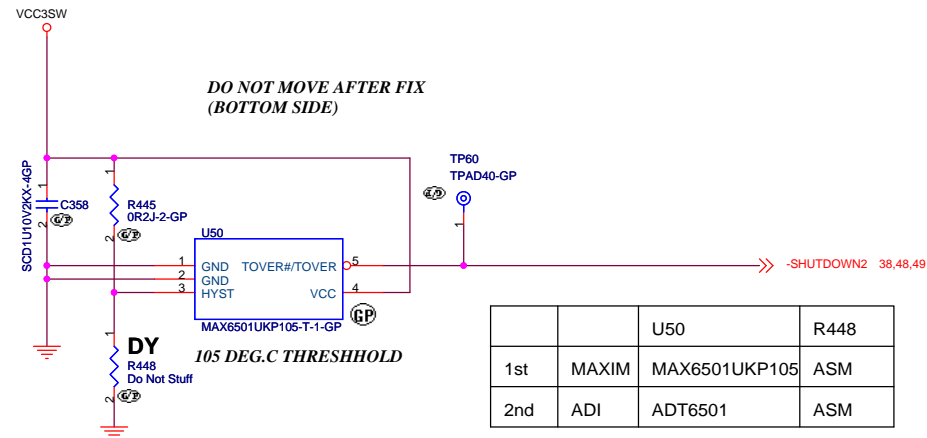
BOM

 <b>Wistron Corporation</b> 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title	
<b>Reference</b>	
Size A3	Document Number  <b>Mocha-1</b>
Date: Thursday, May 08, 2008	Sheet 2 of 62 Rev -1





# Thermal Sensor for CPU

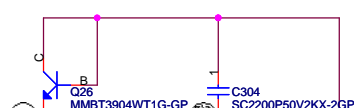


**THESE CAPS MUST BE PLACED AS CLOSE AS POSSIBLE TO MAX6694**

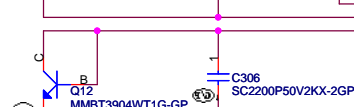
TO CPU DIE



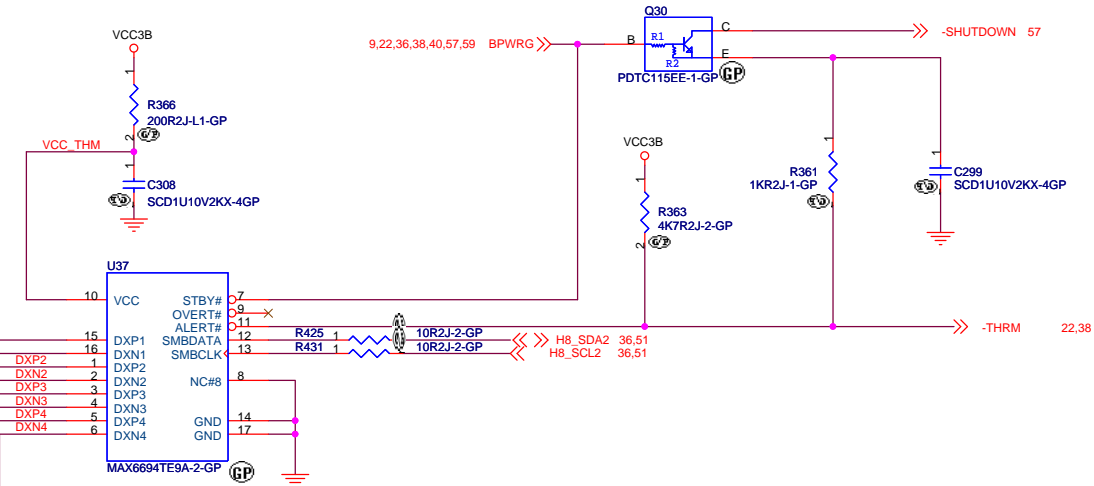
TO DIMM



TO VCORE FET



TO MINI CARD



**PLACE UNDER PC-CARD SLOT**  
H8 I2C Bus 2 ADDRESS : 9AH  
TEST PAD FOR BOARD MFG TEST

Layout Comment :

- (1) Thermal sensor trace lines should not be overlapped with other high frequency trace lines in other layers.
- (2) Also, it should not be overlapped with large amplitude trace lines either.

BOM

緯創資通		Wistron Corporation	
		21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
THERMAL SENSOR			
Size A3	Document Number		Rev -1
Mocha-1			
Date: Thursday, May 08, 2008	Sheet 5	of 62	



Route H\_XSWING & H\_YSWING  
10 mil wide / 20 mil spacing

Route H\_XRCOMP &  
H\_YRCOMP 10 mil wide /  
20 mil spacing

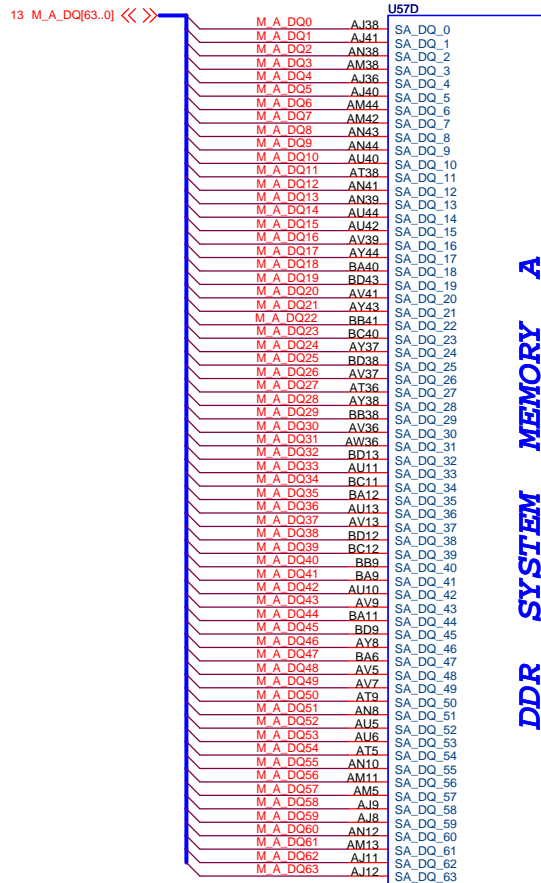
HOST

BOM

Title		Cantiga(1/6):HOST I/F	
Size	Document Number	Rev	
A3		-1	
Date: Thursday, May 08, 2008		Sheet	7 of 62

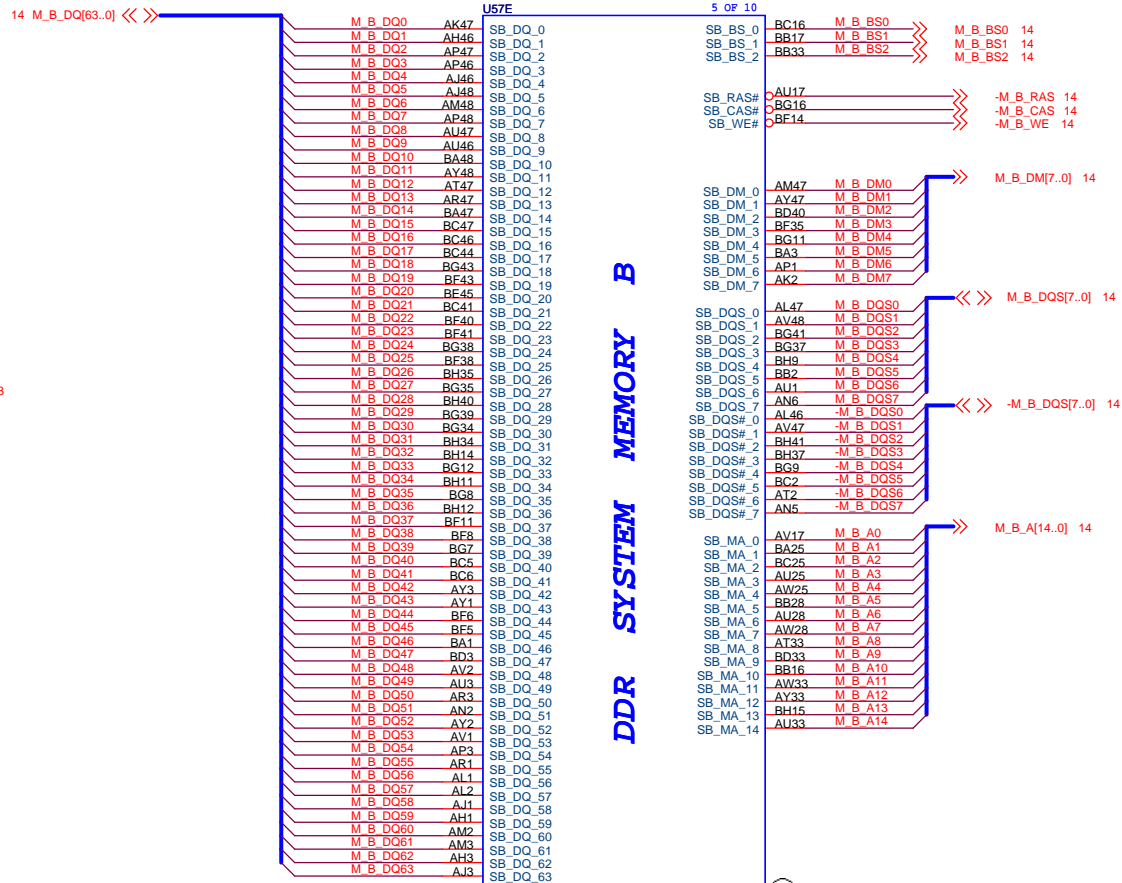
緯創資通 Wistron Corporation  
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,  
Taipei Hsien 221, Taiwan, R.O.C.

Mocha-1



CANTIGA-GM-GP-U-NF

DDR SYSTEM MEMORY A



CANTIGA-GM-GP-U-NF

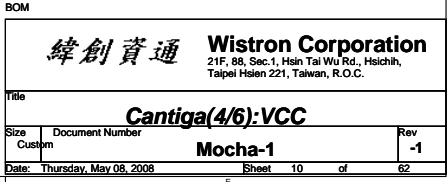
DDR SYSTEM MEMORY B

BOM

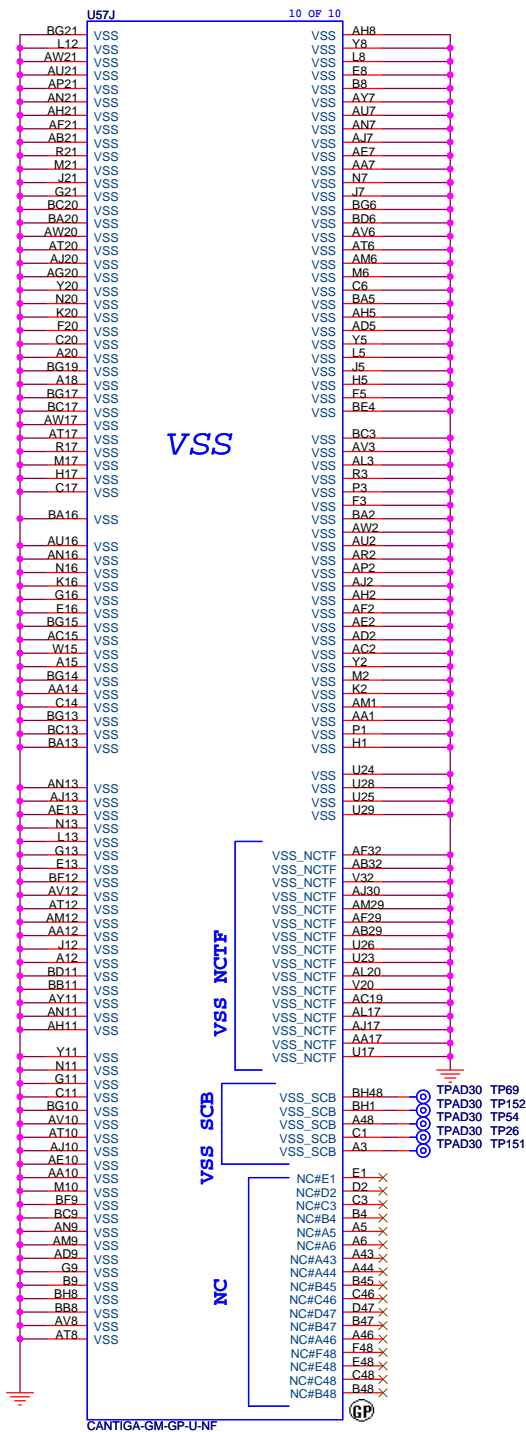
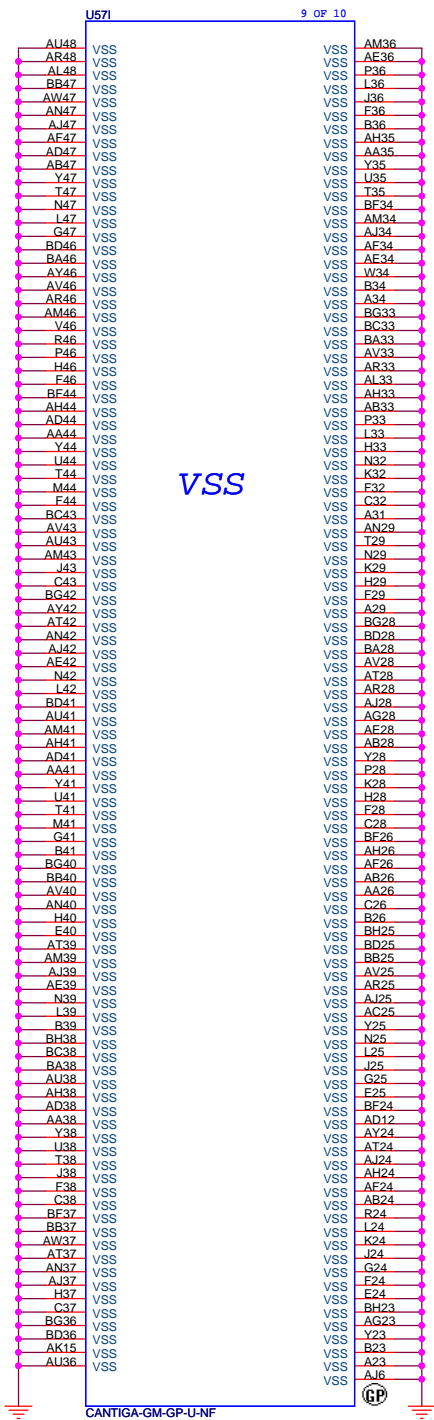
緯創資通		Wistron Corporation	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title			
Cantiga(2/6):DDR3			
Size	Document Number	Rev	
A3		-1	
Date: Thursday, May 08, 2008		Sheet	62





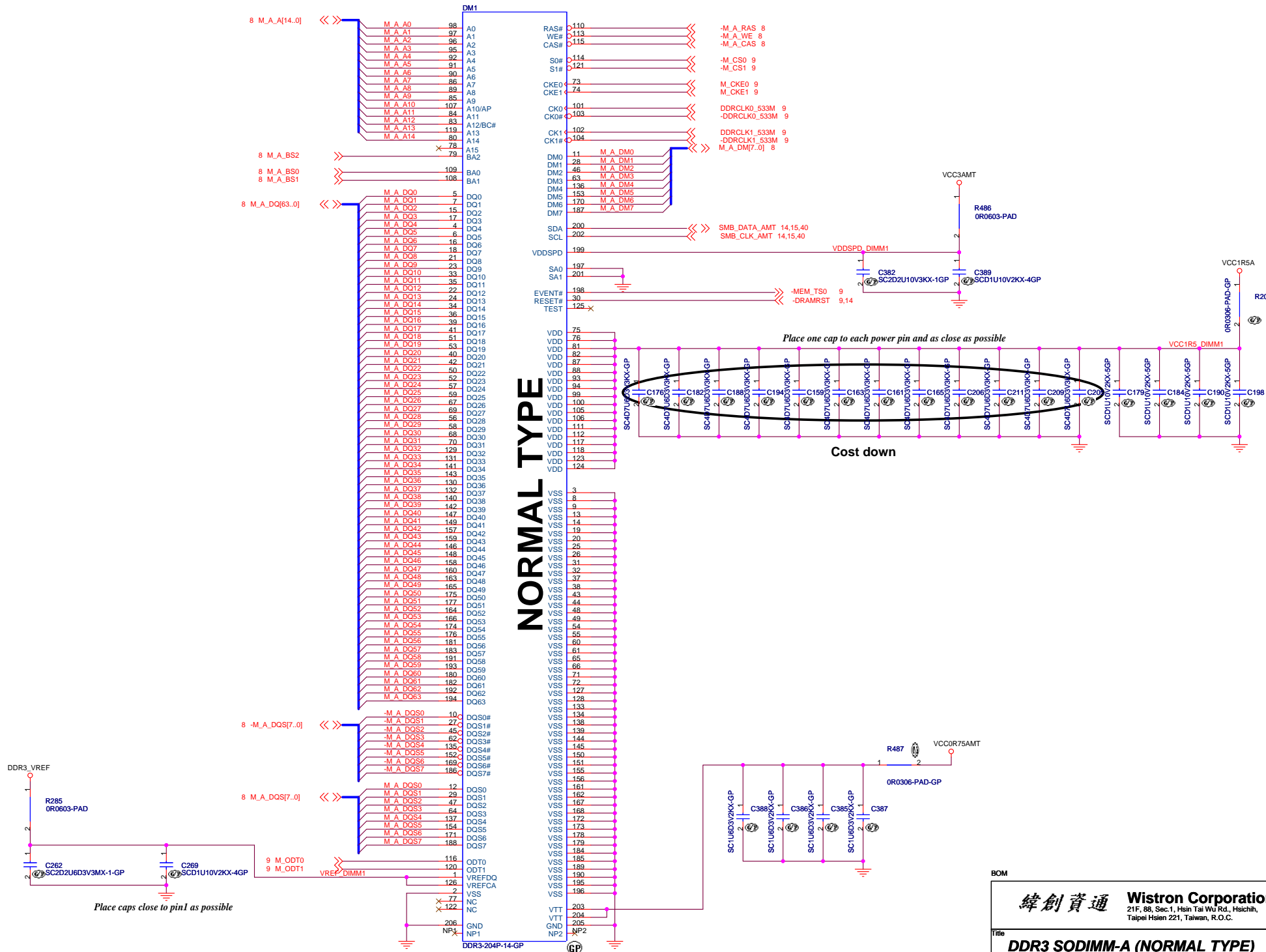






BOM

<b>緯創資通</b>		<b>Wistron Corporation</b>	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title			
<b>Cantiga(6/6):GND</b>			
Size A3	Document Number		Rev -1
<b>Mocha-1</b>			
Date: Thursday, May 08, 2008	Sheet 12	of 62	



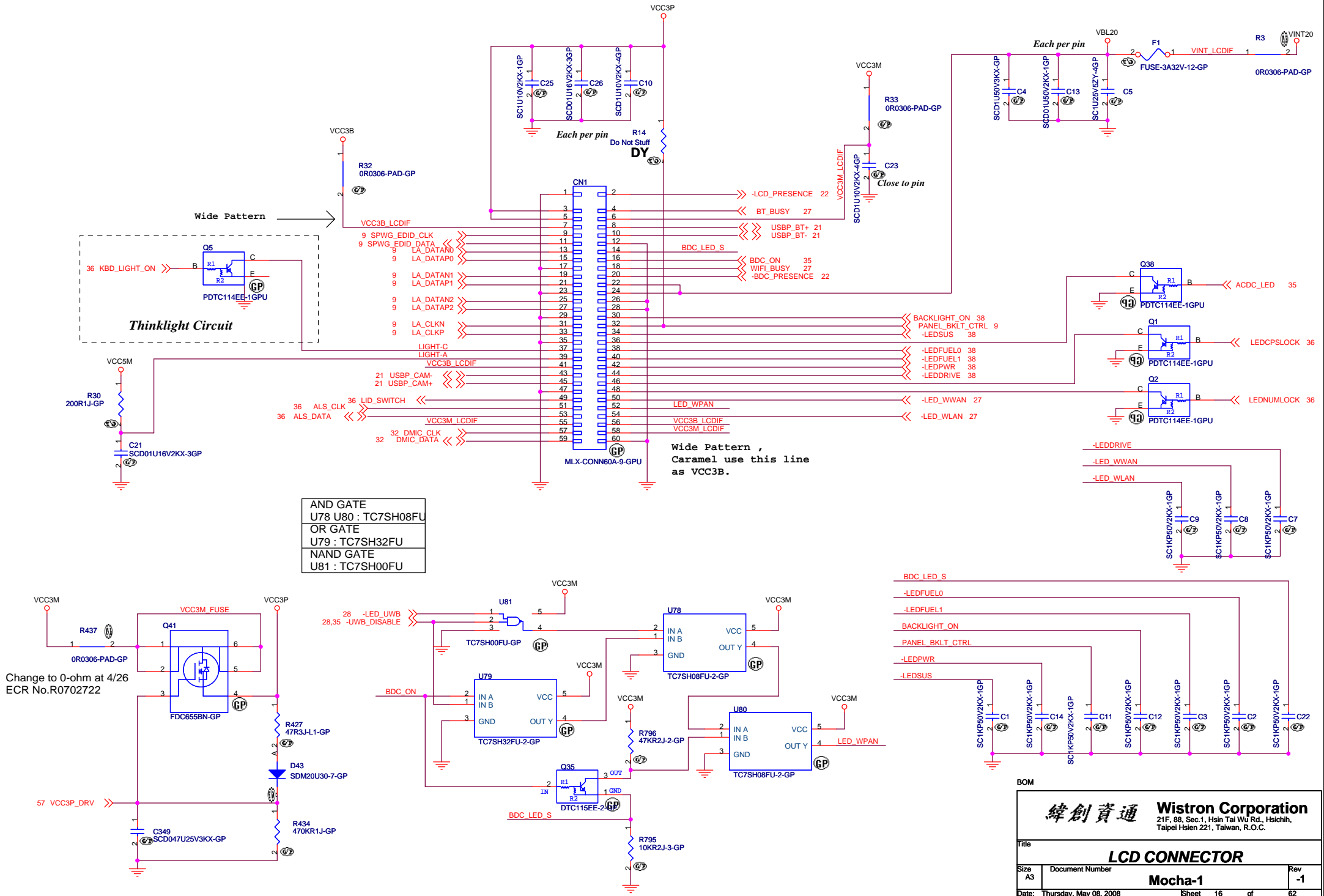
BOM	
緯創資通 Wistron Corporation	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title	
DDR3 SODIMM-A (NORMAL TYPE)	
Size	Document Number
Custom	Mocha-1
Date:	Thursday, May 08, 2008
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Rev	-1



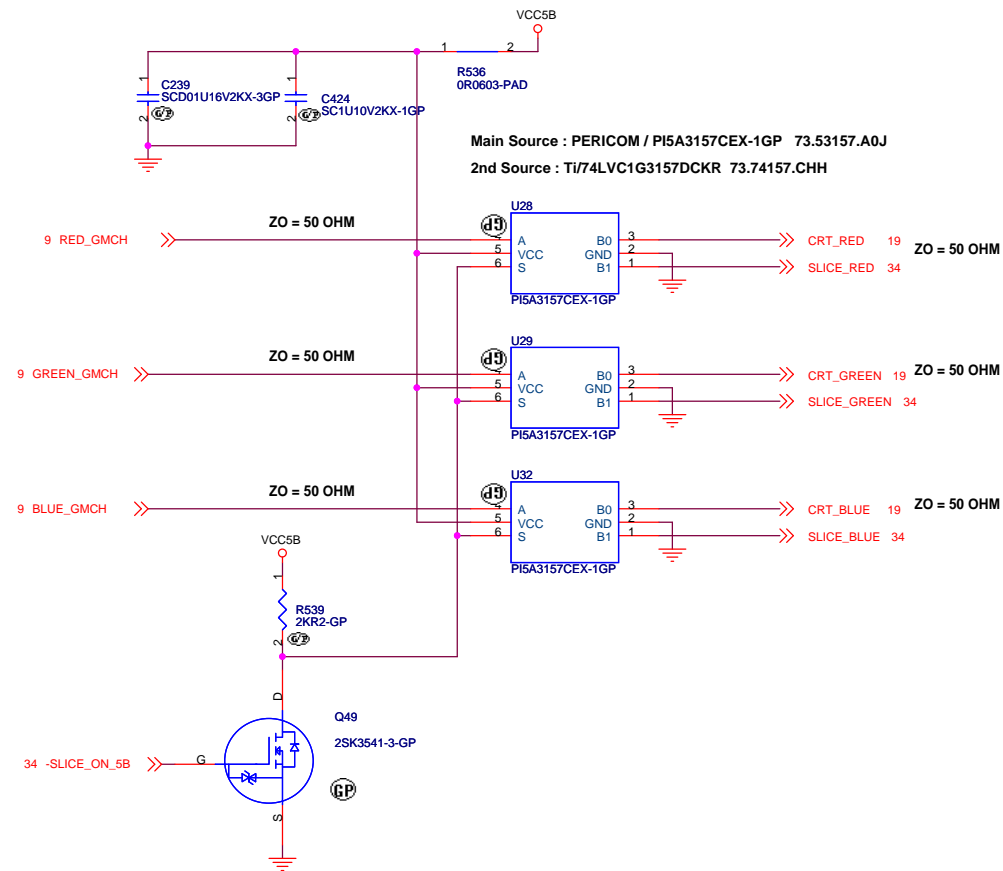




# LCD / Inverter Connector



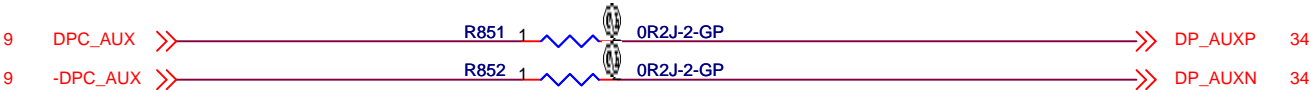
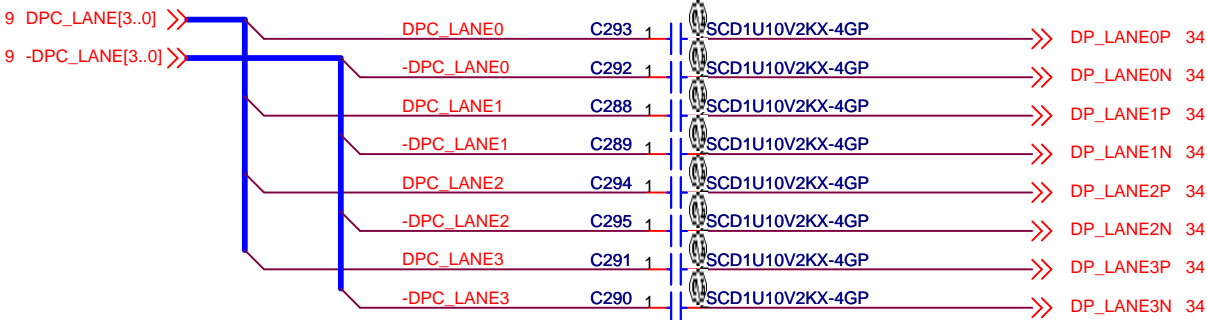




BOM

緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.		
Title		
CRT SELECTOR		
Size A3	Document Number Mocha-1	Rev -1
Date: Thursday, May 08, 2008	Sheet 17	of 62

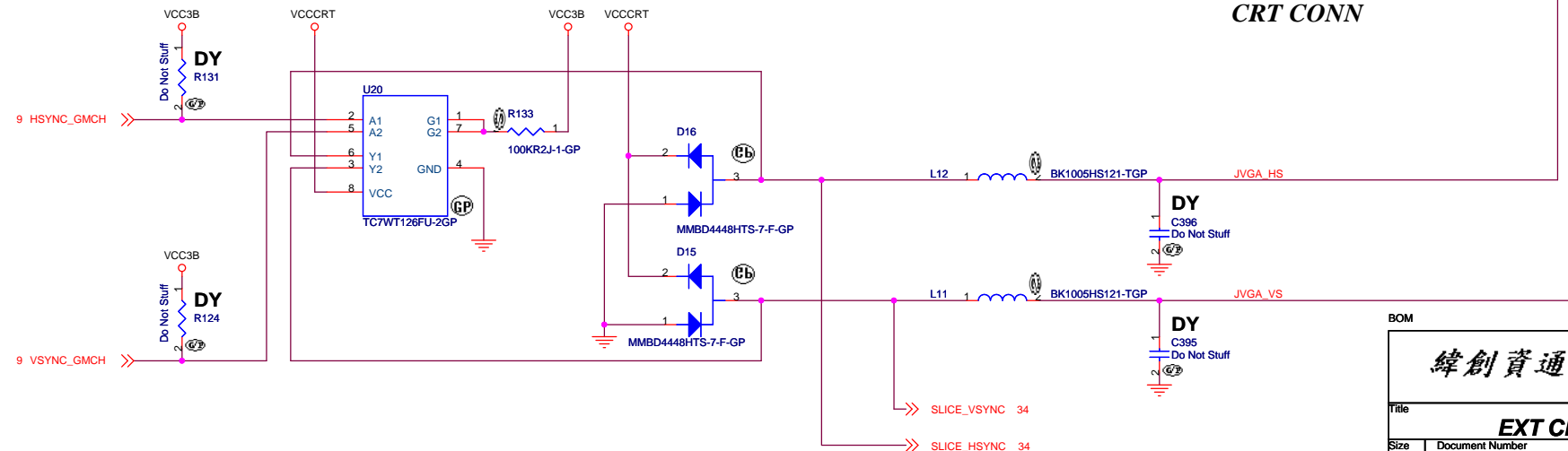
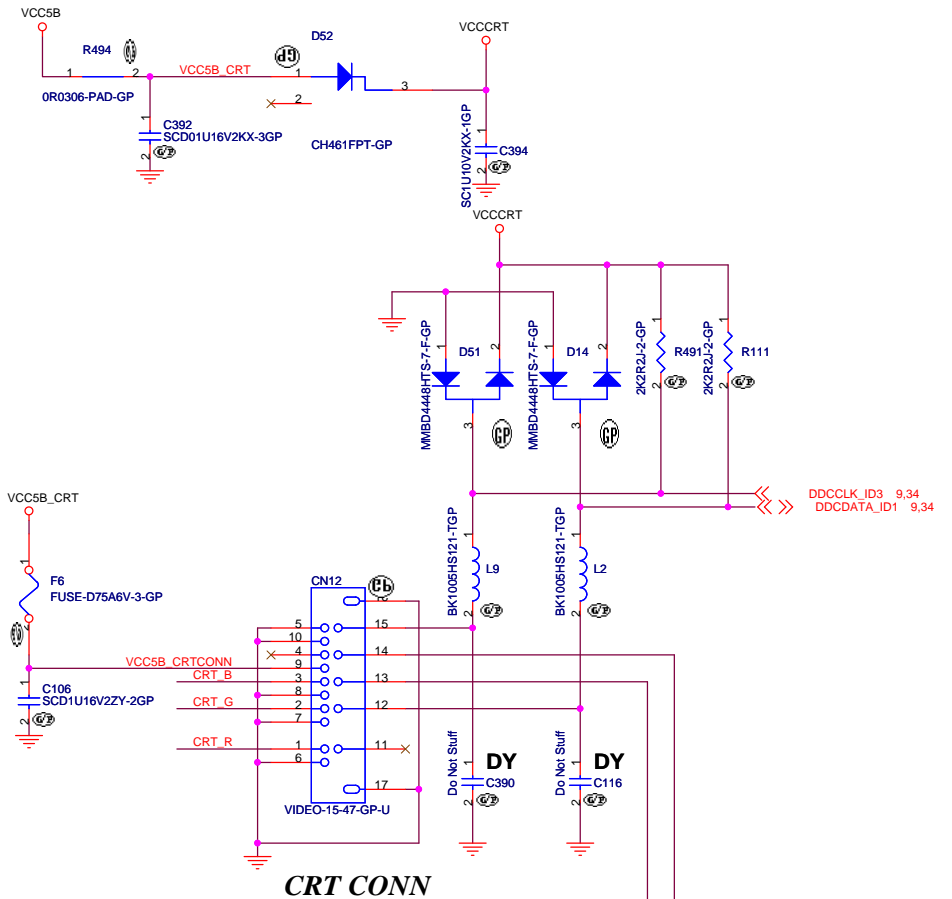
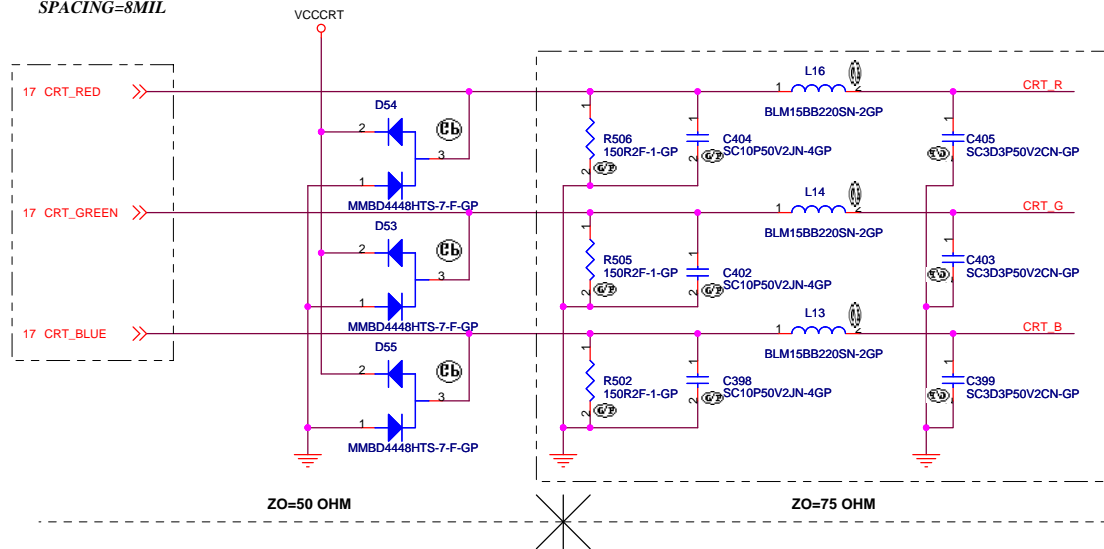
System DP: GMCH to SLICE Connector

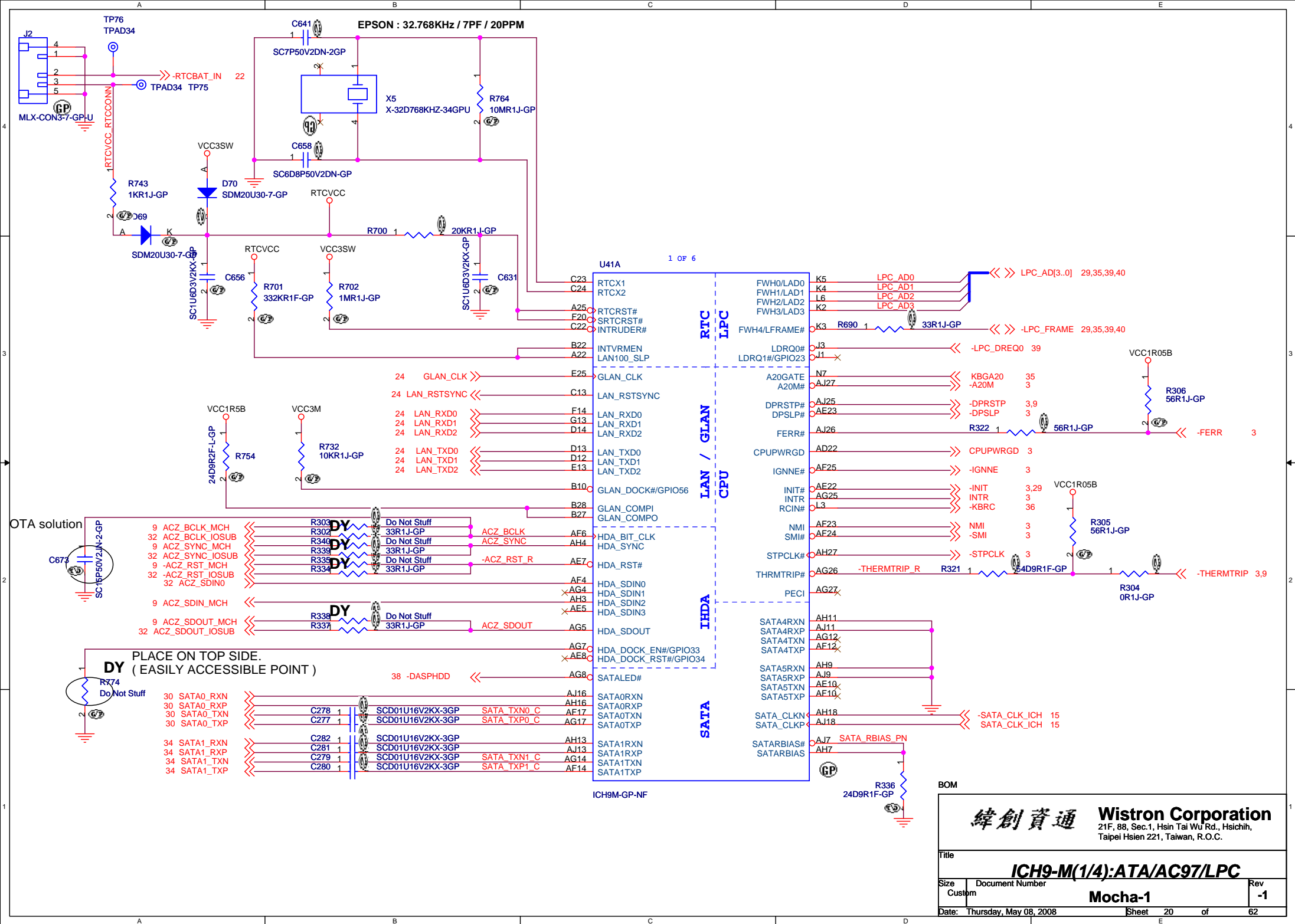


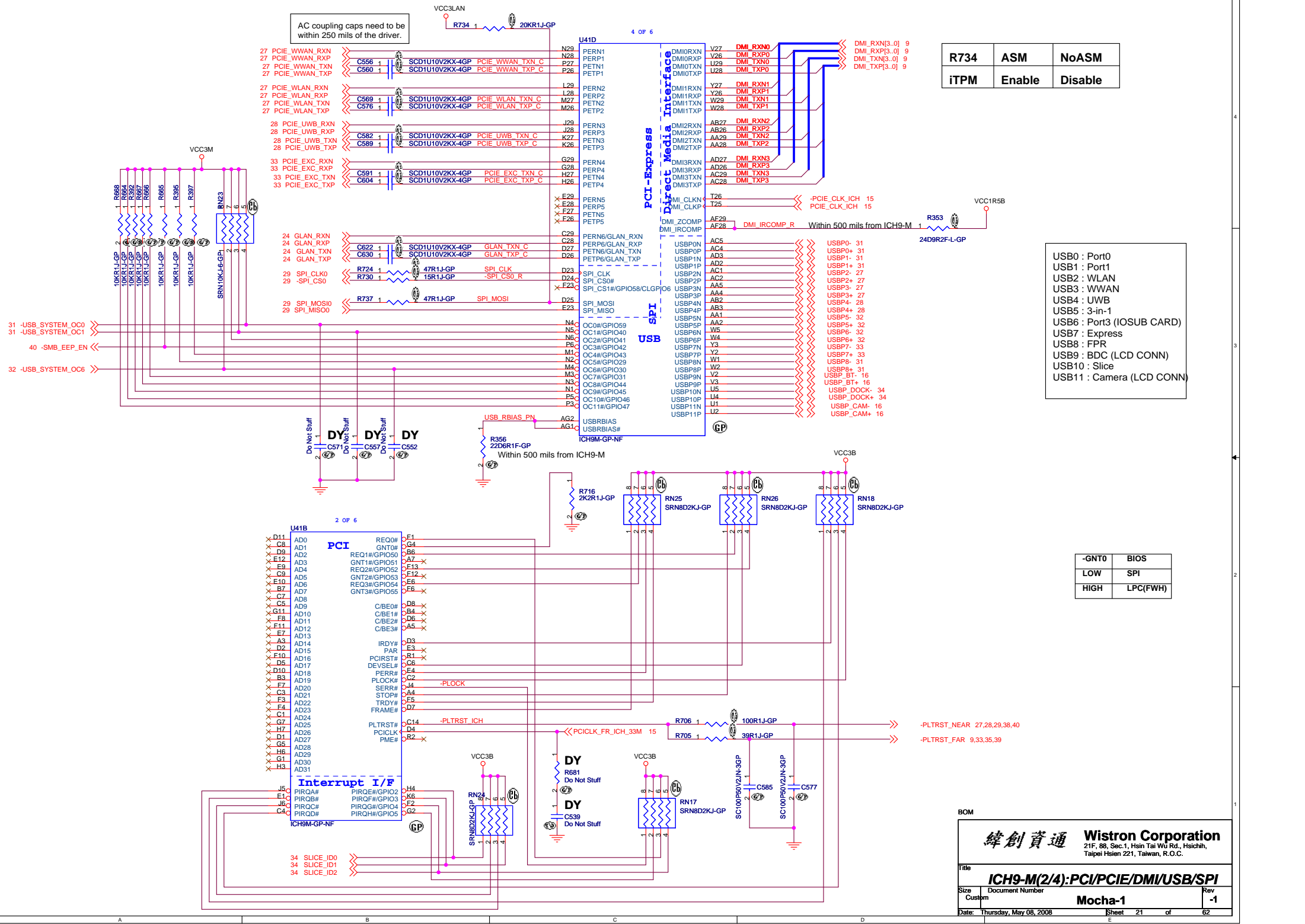
BOM

<div>緯創資通</div> <div>Wistron Corporation</div> <div>21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.</div>		
Title <div>Display Port AC Coupling</div>		
Size <div>A4</div>	Document Number <div>Mocha-1</div>	Rev <div>-1</div>
Date: Thursday, May 08, 2008		Sheet 18 of 62

GND GUARDING  
EACH SIGNAL WIDTH DEPENDS ON ZO(TRACE IMPEDANCE)  
SPACING=8MIL







AC coupling caps need to be within 250 mils of the driver.

R734	ASM	NoASM
ITPM	Enable	Disable

USB0 : Port0  
USB1 : Port1  
USB2 : WLAN  
USB3 : WWAN  
USB4 : UWB  
USB5 : 3-in-1  
USB6 : Port3 (IOSUB CARD)  
USB7 : Express  
USB8 : FPR  
USB9 : BDC (LCD CONN)  
USB10 : Slice  
USB11 : Camera (LCD CONN)

-GNT0	BIOS
LOW	SPI
HIGH	LPC(FWH)

BOM

緯創資通

Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wld Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.

Title

ICH9-M(2/4):PCI/PCIE/DMI/USB/SPI

Size

Document Number

Custom

Mocha-1

Date:

Thursday, May 08, 2008

Sheet

21

of

62

Rev

-1

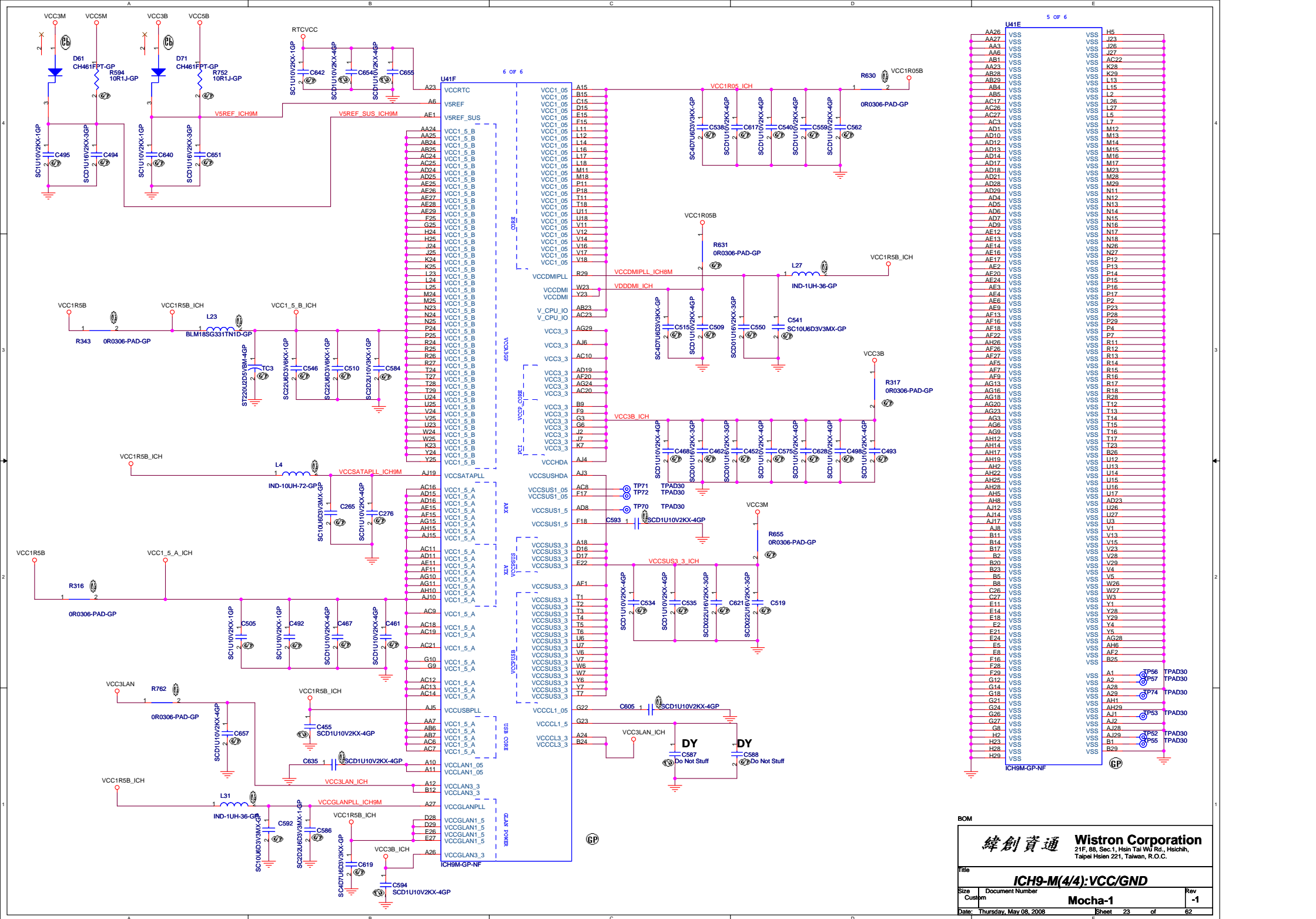
CLGPIO5 PHYSICAL PRESENCE  
ACTIVE HIGH  
CAN USE SOFTWARE OVERRISE FLAG

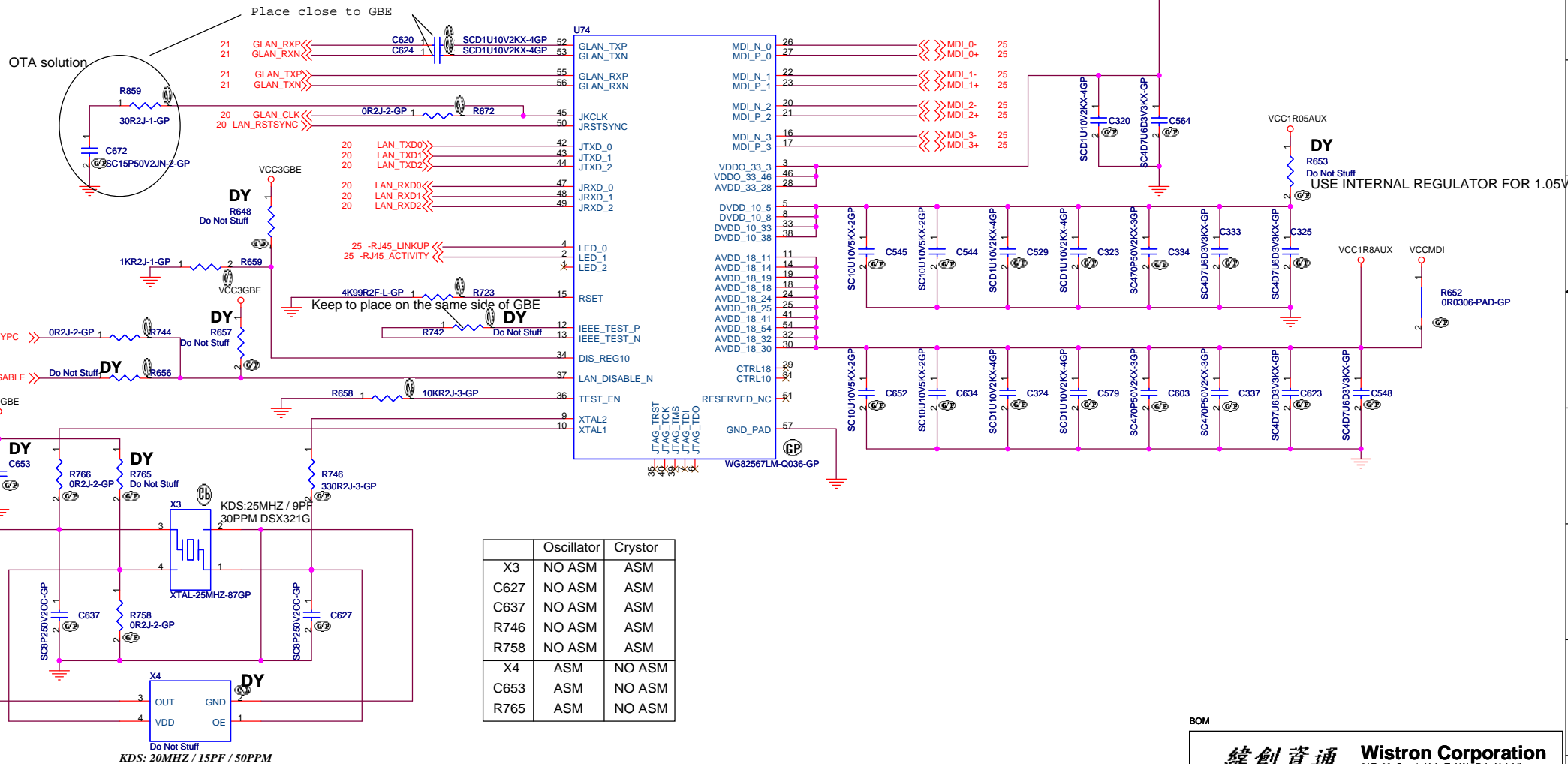
	PECAN_ID
Mocha-1	H
Pecan-1	L
Caramel-1	L

BOM

緯創資通 **Wistron Corporation**  
21F, 86, Sec.1, Hsin Tai Wu Rd., Hsichia,  
Taipei Hsien 221, Taiwan, R.O.C.

Title **ICH9-M(3/4):PM/SMB/GPIO**  
Size Document Number  
Custom **Mocha-1** Rev **-1**  
Date: Thursday, May 08, 2008 Sheet 22 of 62



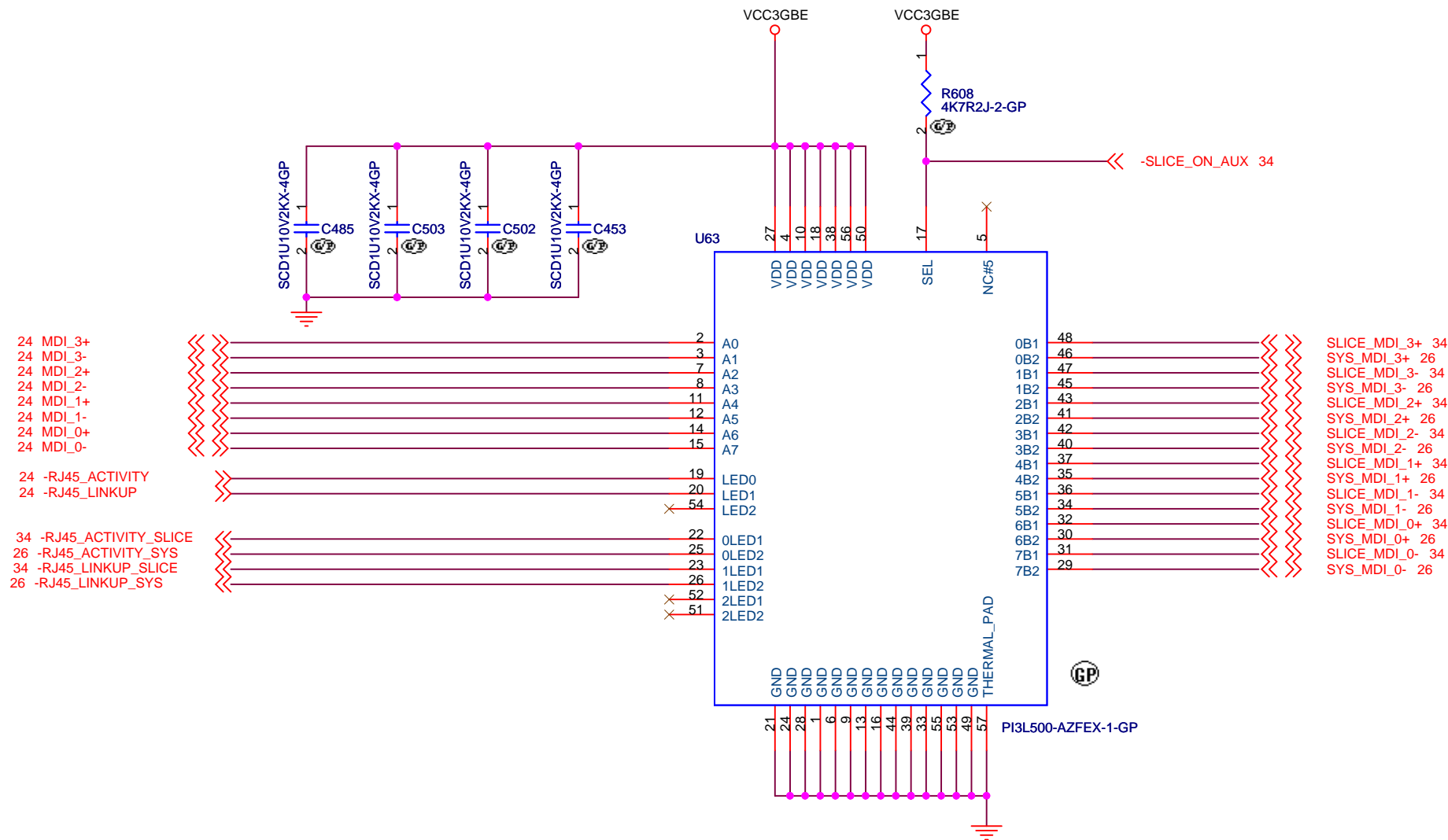


	Oscillator	Crystor
X3	NO ASM	ASM
C627	NO ASM	ASM
C637	NO ASM	ASM
R746	NO ASM	ASM
R758	NO ASM	ASM
X4	ASM	NO ASM
C653	ASM	NO ASM
R765	ASM	NO ASM

**緯創資通** **Wistron Corporation**  
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,  
Taipei Hsien 221, Taiwan, R.O.C.

Title			
<b>GBE BOAZMAN</b>			
Size	Document Number		Rev
A3	<b>Mocha-1</b>		<b>-1</b>
Date:	Thursday, May 08, 2008	Sheet 24 of	62





		Vendor P/N	Wistron P/N
1st	Pericom	PI3L500AZFEX	41R0539AA
2nd	TI	TS3L500AERHUR	41R0539BA
3rd	MAXIM	MAX4927ETN+	74.04927.073

**BOM**

緯創資通

## Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,  
Taipei Hsien 221, Taiwan, R.O.C.

Title
-------

## GBE LAN SW

Size	A4
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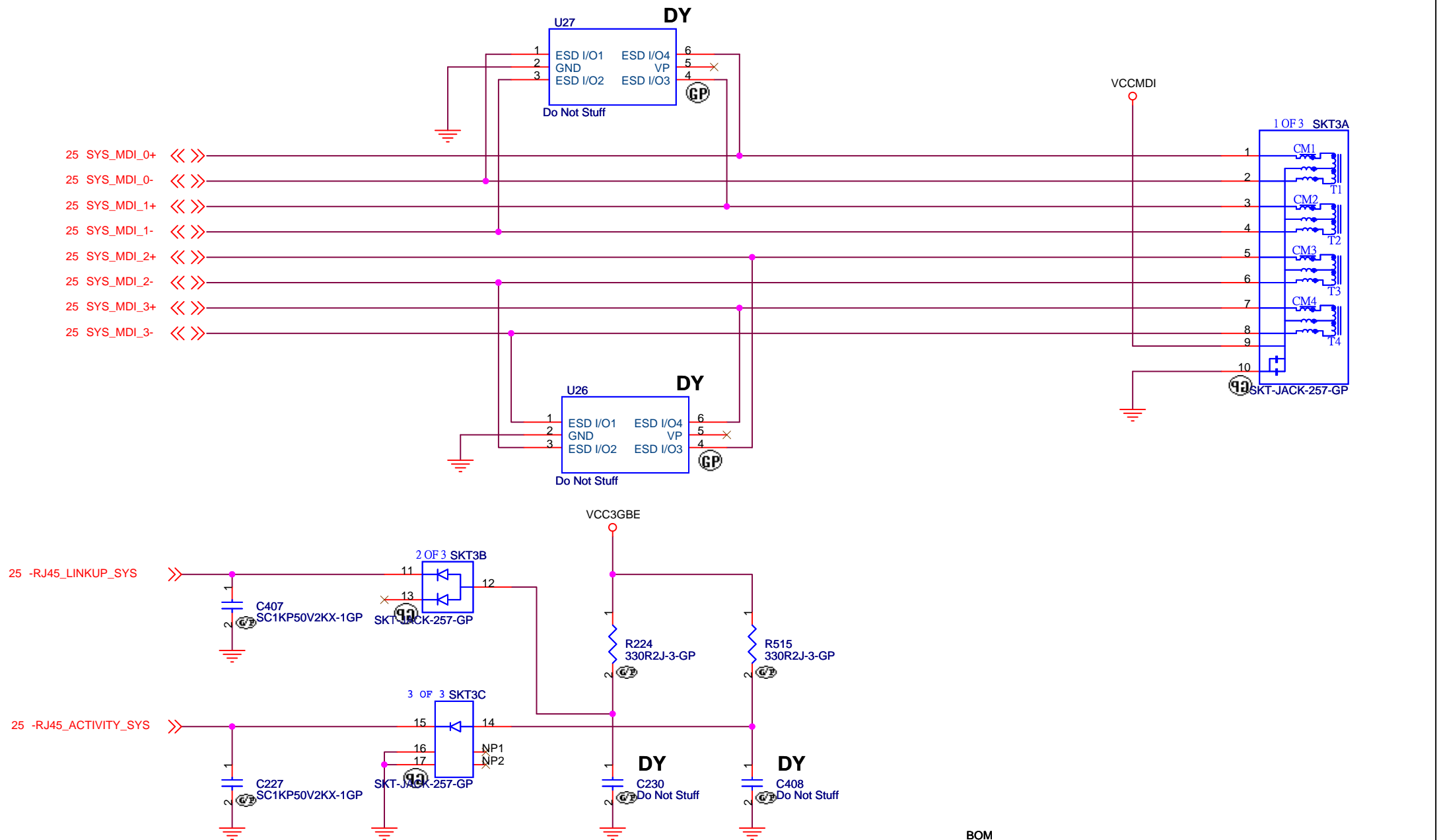
Document Number
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## Mocha-1

Rev	-1
-----	----

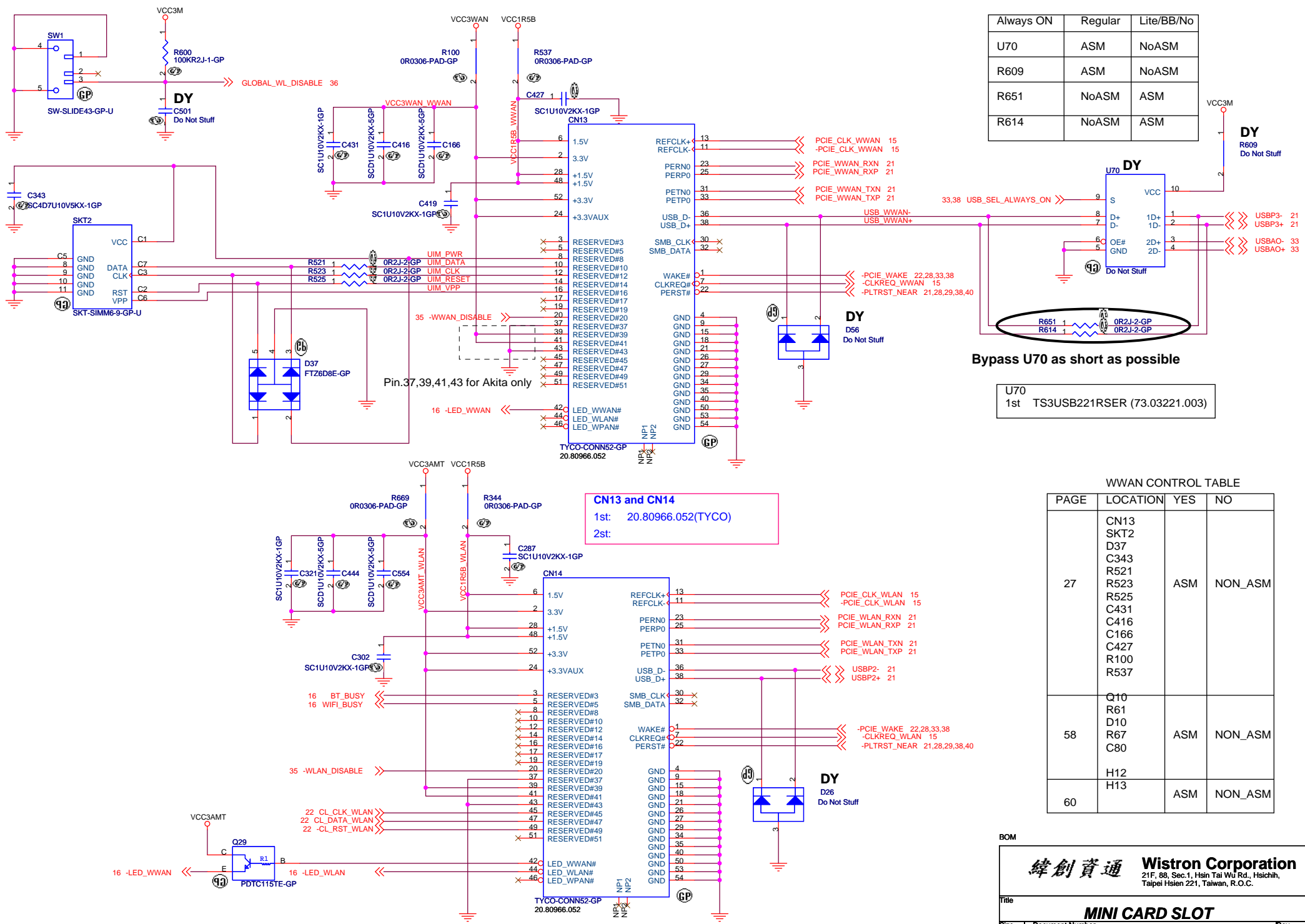
Date: Thursday, May 08, 2008

Sheet 25 of 62

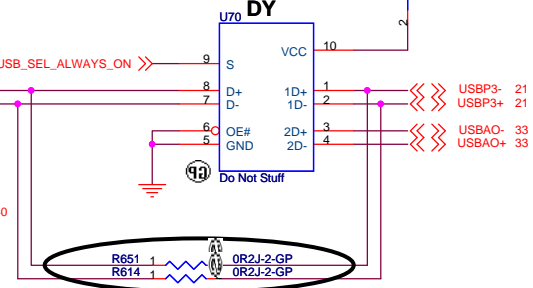


BOM

<div>緯創資通</div> <div>Wistron Corporation</div> <div>21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.</div>			
Title			
RJ45 CONN			
Size A4	Document Number		Rev
	Mocha-1		-1
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Always ON	Regular	Lite/BB/No
U70	ASM	NoASM
R609	ASM	NoASM
R651	NoASM	ASM
R614	NoASM	ASM



Bypass U70 as short as possible

U70  
1st TS3USB221RSER (73.03221.003)

CN13 and CN14  
1st: 20.80966.052(TYCO)  
2st:

WWAN CONTROL TABLE

PAGE	LOCATION	YES	NO
27	CN13 SKT2 D37 C343 R521 R523 C431 C416 C166 C427 R100 R537	ASM	NON_ASM
58	Q10 R61 D10 R67 C80	ASM	NON_ASM
60	H12 H13	ASM	NON_ASM

緯創資通

Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.

Title

MINI CARD SLOT

Size A3

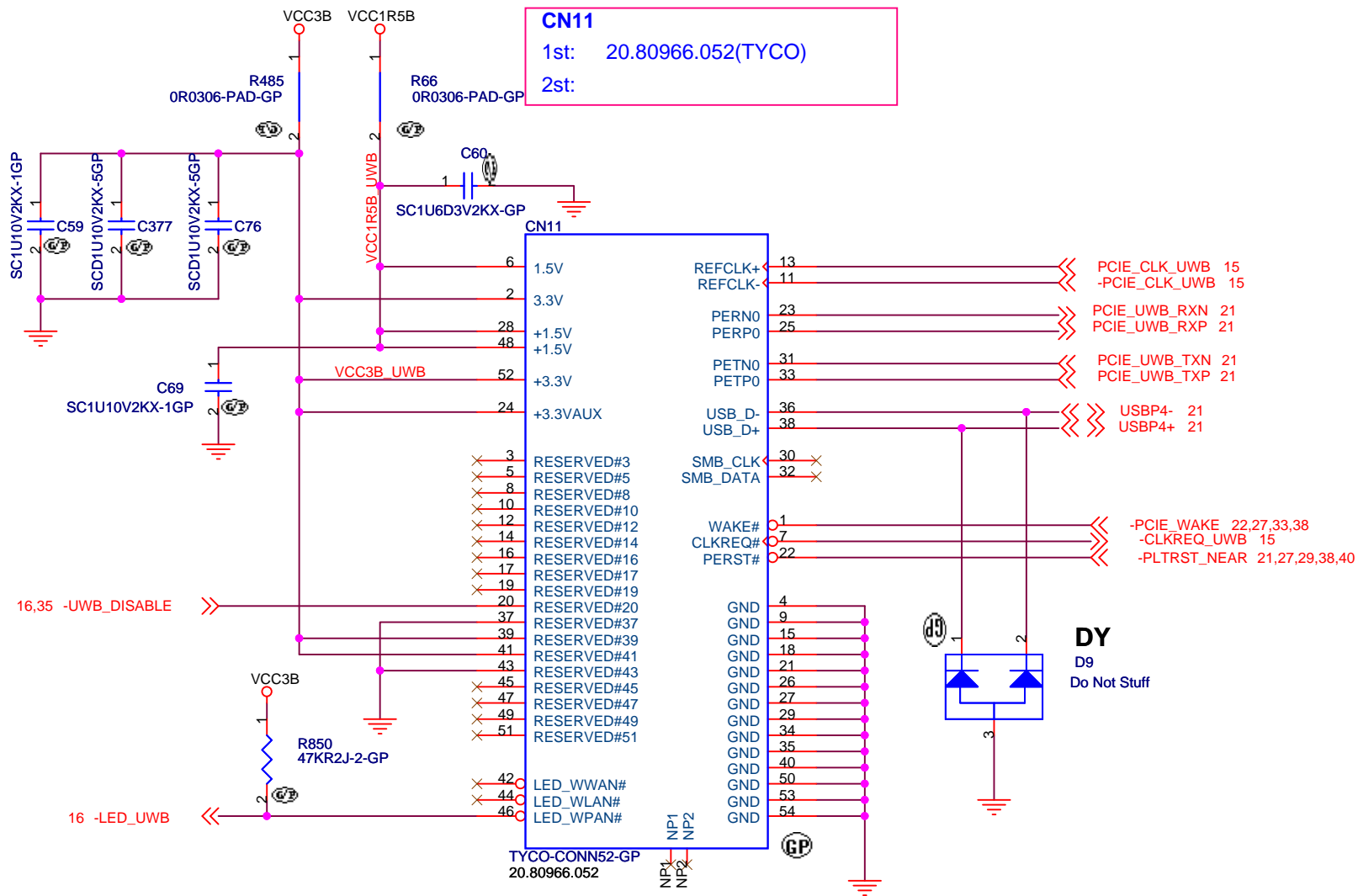
Document Number

Mocha-1

Date: Thursday, May 08, 2008

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Rev -1



BOM

**緯創資通** **Wistron Corporation**  
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,  
Taipei Hsien 221, Taiwan, R.O.C.

Title

**MINI CARD SLOT 2**

Size  
A4

Document Number

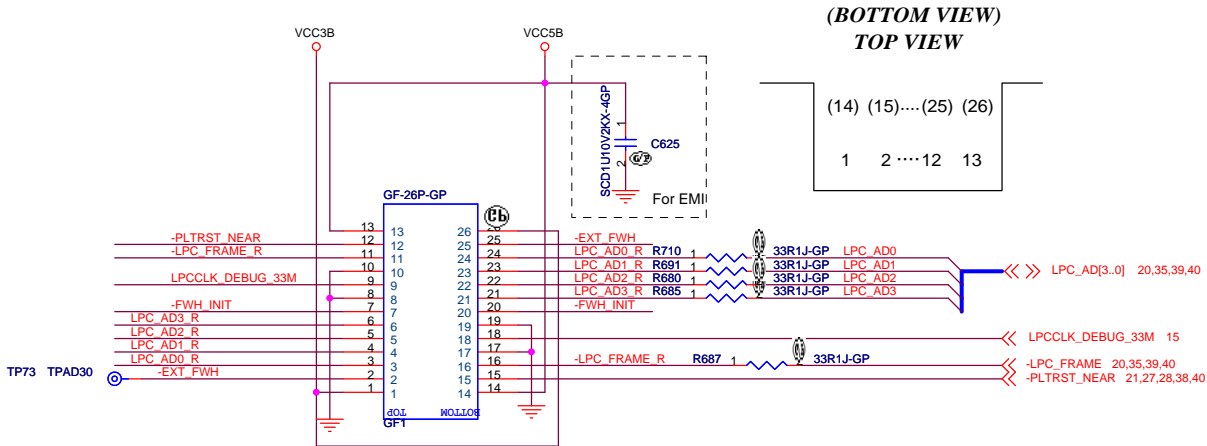
**Mocha-1**

Rev  
-1

Date: Thursday, May 08, 2008

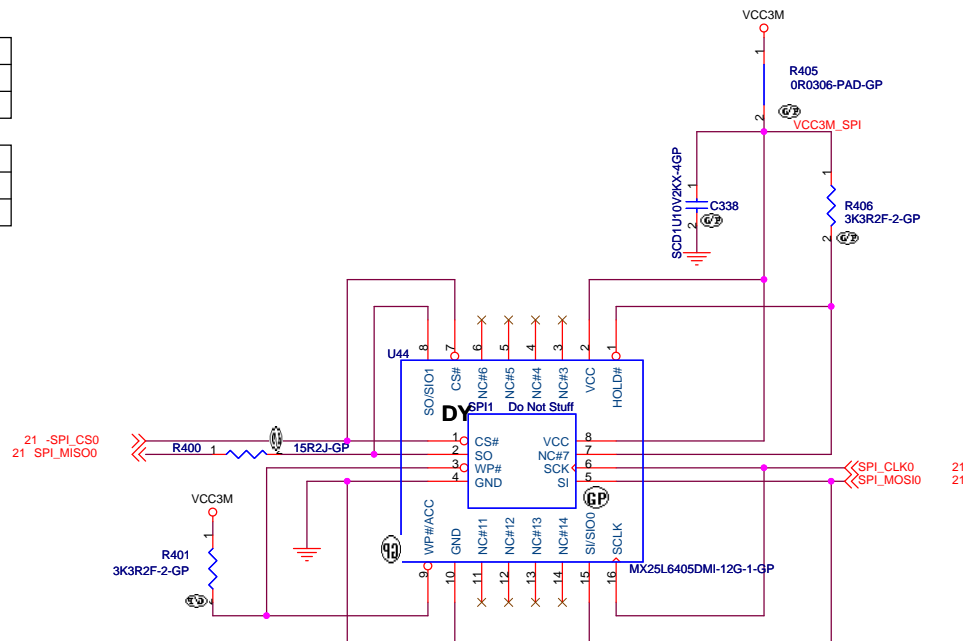
Sheet 28 of 62

# Golden Finger for Debug Board



32Mbit SPI FLASH :		
ATMEL	AT26DF321-SU	72.26321.A01
MXIC	MX25L3205DM2I-12G	72.25325.A01

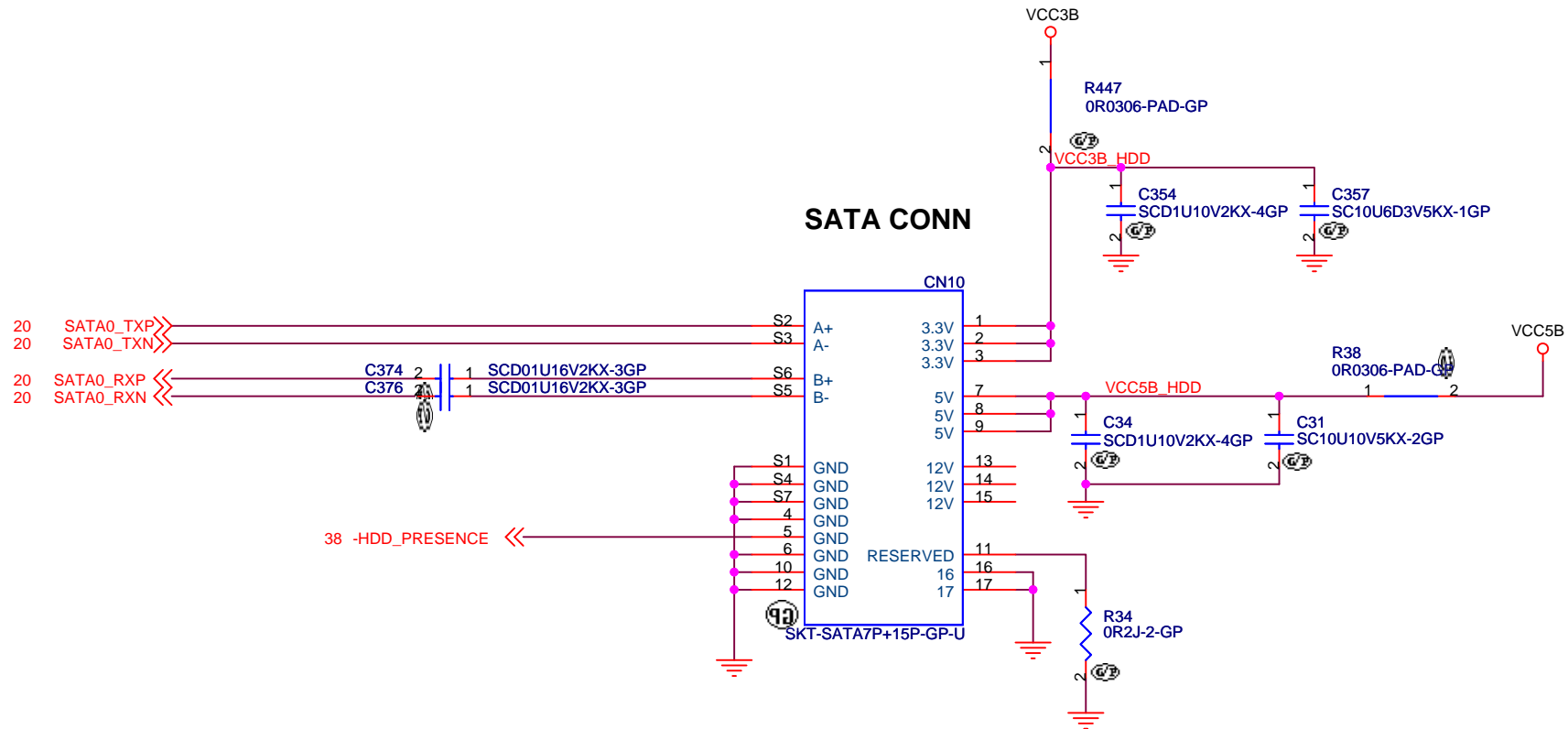
64Mbit SPI FLASH :		
MXIC	MX25L6405DMI-12G	41R0820AA
Winbond	W25X64VSFIG	41R0820BA



SO8 and SO16 are both supported!

BOM

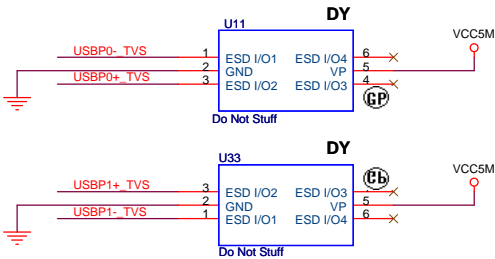
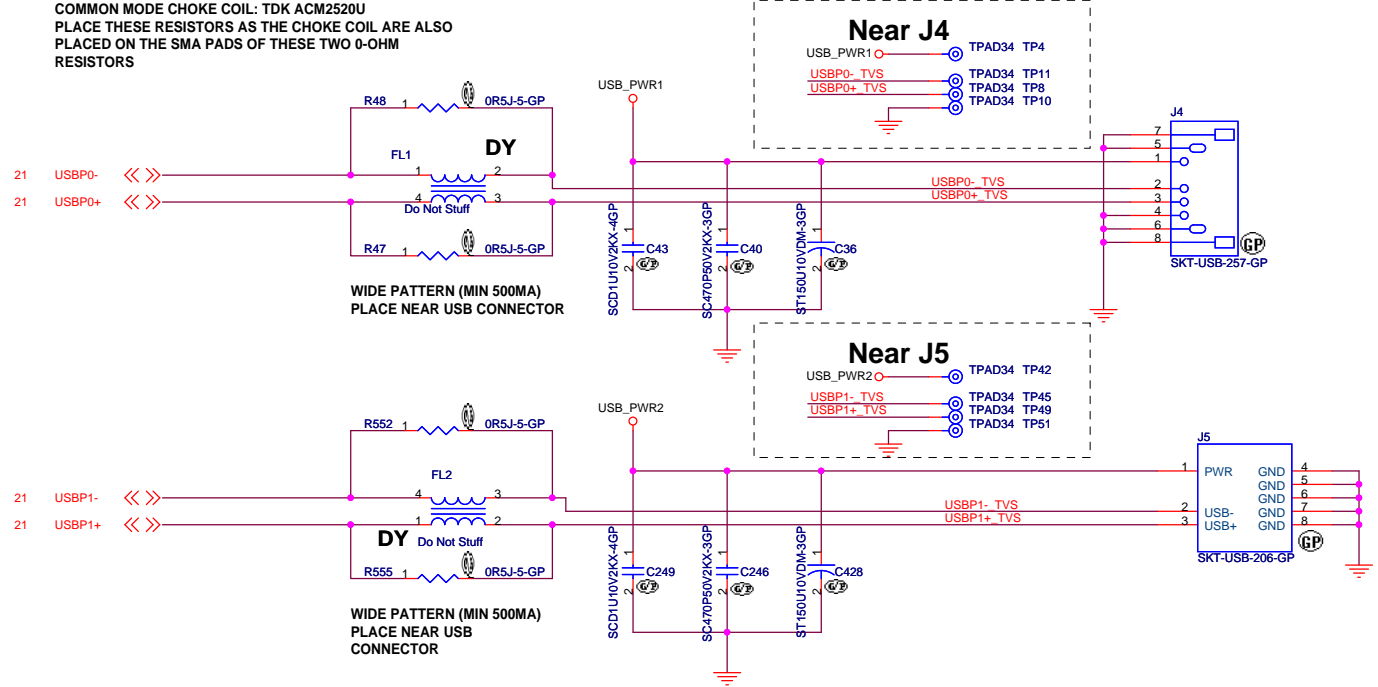
<div> <div>緯創資通</div> <div>Wistron Corporation</div> <div>21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.</div> </div>		
Title	SPI	
Size	Document Number	Rev
A3		-1
Date	Thursday, May 08, 2008	Sheet 29 of 62



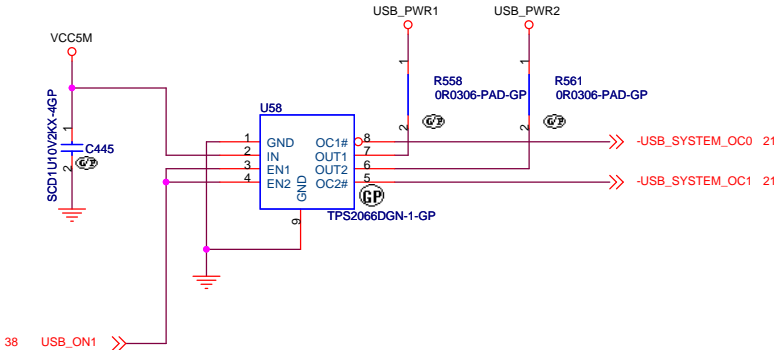
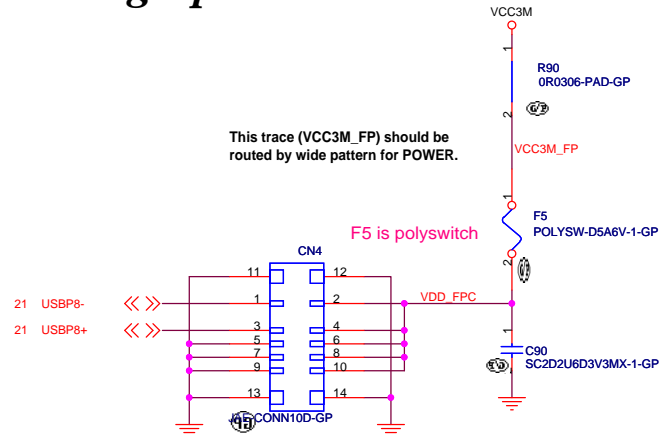
BOM

<div>緯創資通</div>		<div>Wistron Corporation</div>	
		21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
2.5 inch SATA Connector			
Size	Document Number		Rev
A4	Mocha-1		-1
Date:	Thursday, May 08, 2008	Sheet 30 of	62

COMMON MODE CHOKE COIL: TDK ACM2520U  
PLACE THESE RESISTORS AS THE CHOKE COIL ARE ALSO  
PLACED ON THE SMA PADS OF THESE TWO 0-OHM  
RESISTORS



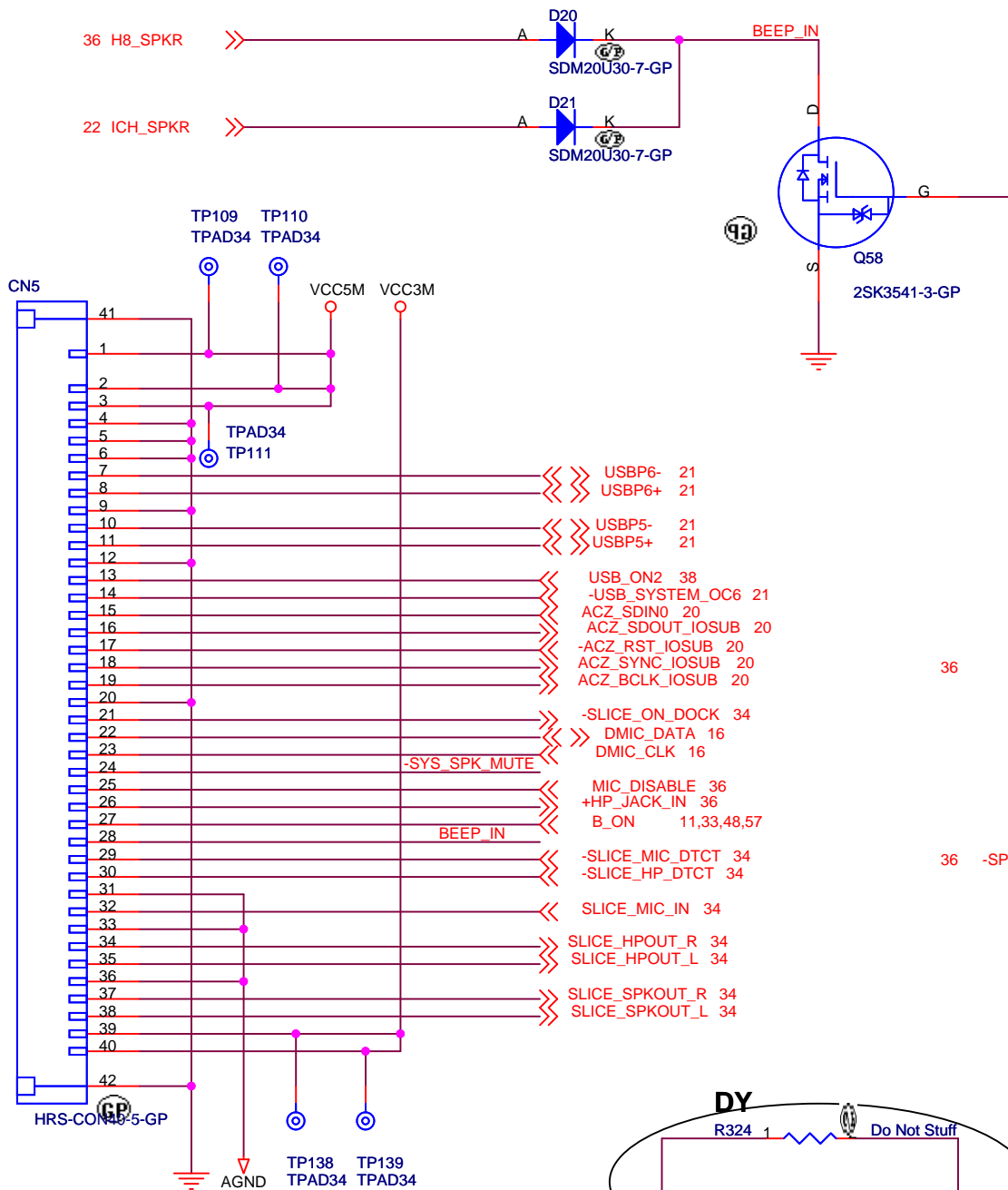
## Fingerprint Reader



U58			
1st	TI	TPS2066DGN-1	74.02066.B71
2nd	TI	TPS2066DGN	74.02066.A71

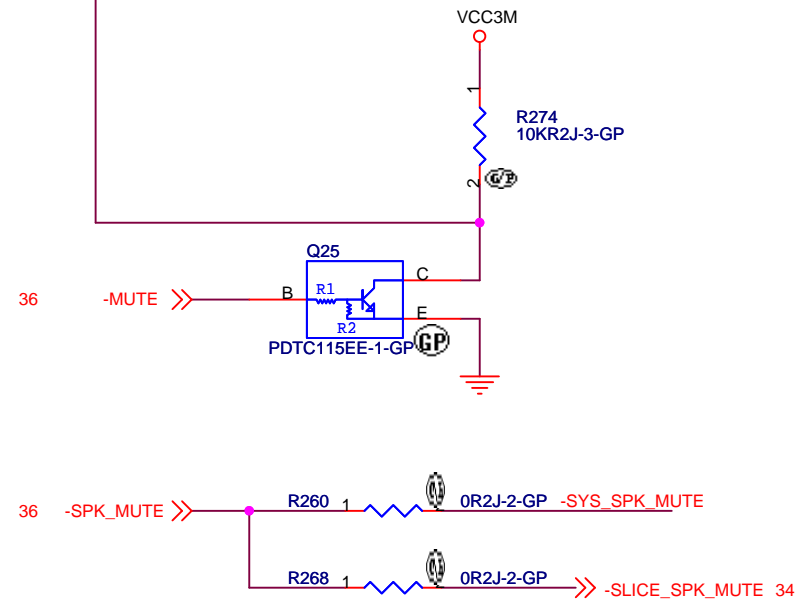
BOM

緯創資通 Wistron Corporation	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title	
USB POWER / CONNECTOR	
Size	Document Number
A3	Mocha-1
Date: Thursday, May 08, 2008	Sheet 31 of 62



## Near CN5

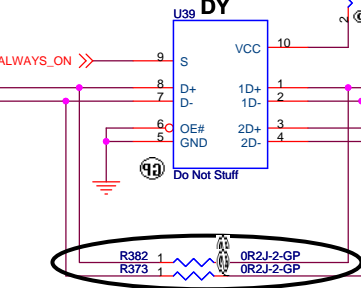
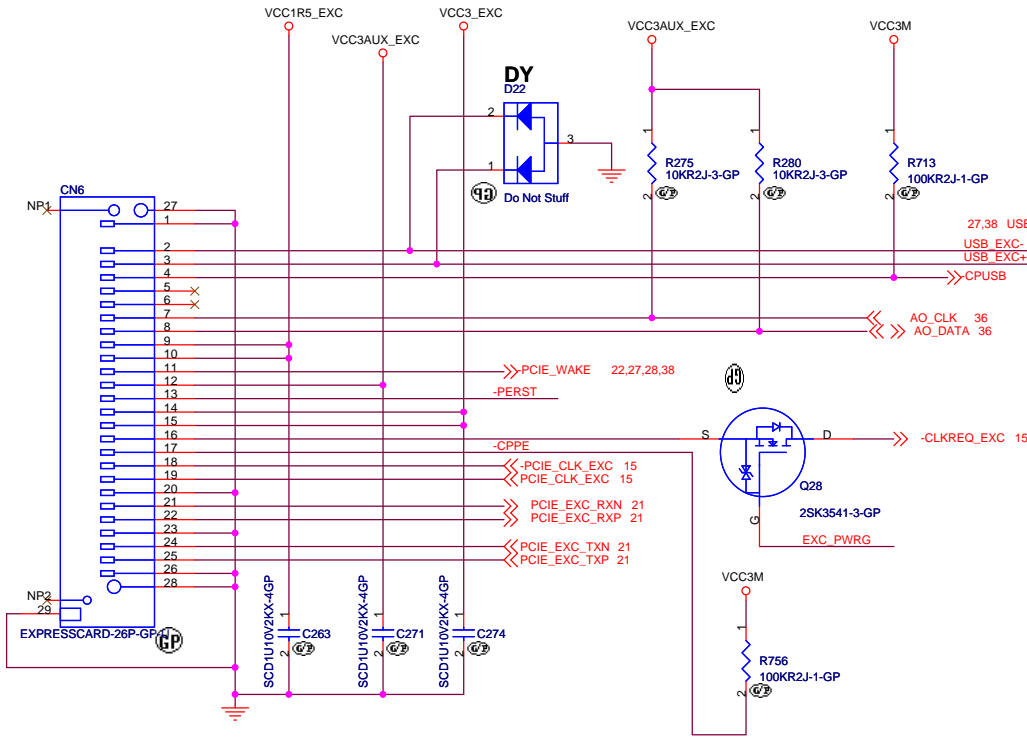
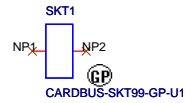
USBP6-	TP112 TPAD34	DMIC_CLK	TP125 TPAD34
USBP6+	TP113 TPAD34	-SYS_SPK MUTE	TP126 TPAD34
USBP5-	TP114 TPAD34	MIC_DISABLE	TP127 TPAD34
USBP5+	TP115 TPAD34	+HP_JACK_IN	TP128 TPAD34
USB_ON2	TP116 TPAD34	B_ON	TP129 TPAD34
-USB_SYSTEM_OC6	TP117 TPAD34	BEEP_IN	TP130 TPAD34
ACZ_SDINO	TP118 TPAD34	-SLICE_MIC_DTCT	TP131 TPAD34
ACZ_SDOUT_IOSUB	TP119 TPAD34	-SLICE_HP_DTCT	TP132 TPAD34
-ACZ_RST_IOSUB	TP120 TPAD34	SLICE_MIC_IN	TP133 TPAD34
ACZ_SYNC_IOSUB	TP121 TPAD34	SLICE_HPOUT_R	TP134 TPAD34
ACZ_BCLK_IOSUB	TP122 TPAD34	SLICE_HPOUT_L	TP135 TPAD34
-SLICE_ON_DOCK	TP123 TPAD34	SLICE_SPKOUT_R	TP136 TPAD34
DMIC_DATA	TP124 TPAD34	SLICE_SPKOUT_L	TP137 TPAD34



## BOM

<div>緯創資通</div> <div>Wistron Corporation</div> <div>21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.</div>	
Title	
SUB-CARD CONNECTOR	
Size A4	Document Number
Mocha-1	
Date: Thursday, May 08, 2008	Sheet 32 of 62



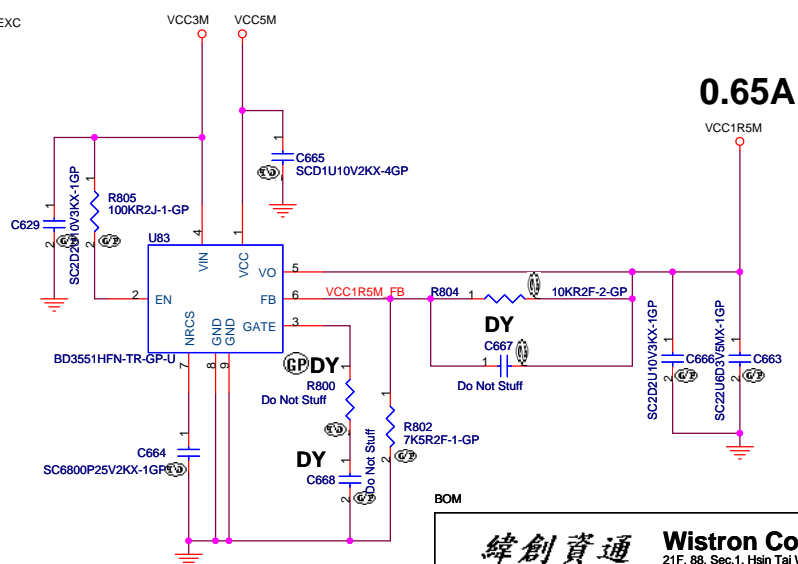
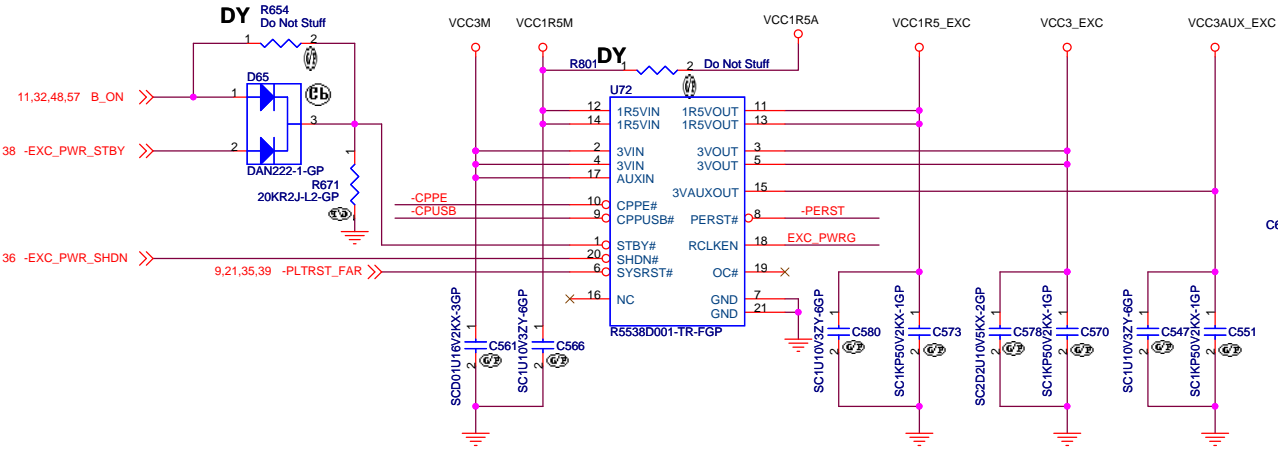


**Bypass U39 as short as possible**

U39  
1st TS3USB221R SER (73.03221.003)

Always ON	REG	LITE/BB/NO
U39	ASM	NoASM
R379	ASM	NoASM
R382	NoASM	ASM
R373	NoASM	ASM

Always On	REG/BB	LITE/NO
U83	ASM	NoASM
R805	ASM	NoASM
C629	ASM	NoASM
C665	ASM	NoASM
C664	ASM	NoASM
R800	NoASM	NoASM
C668	NoASM	NoASM
R802	ASM	NoASM
R804	ASM	NoASM
C667	NoASM	NoASM
C666	ASM	NoASM
C663	ASM	NoASM



Always ON	REG/BB	LITE/NO
D65	ASM	NoASM
R671	ASM	NoASM
R654	NoASM	ASM
R801	NoASM	ASM

		U72	Wistron P/N
1st	RICOH	R5538D001-TR	74.05538.073
2nd	Winbond	W83L351YG	74.83351.073
3rd	TI	TPS2231RGPR	74.02231.073

**BOM**

**緯創資通 Wistron Corporation**  
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.

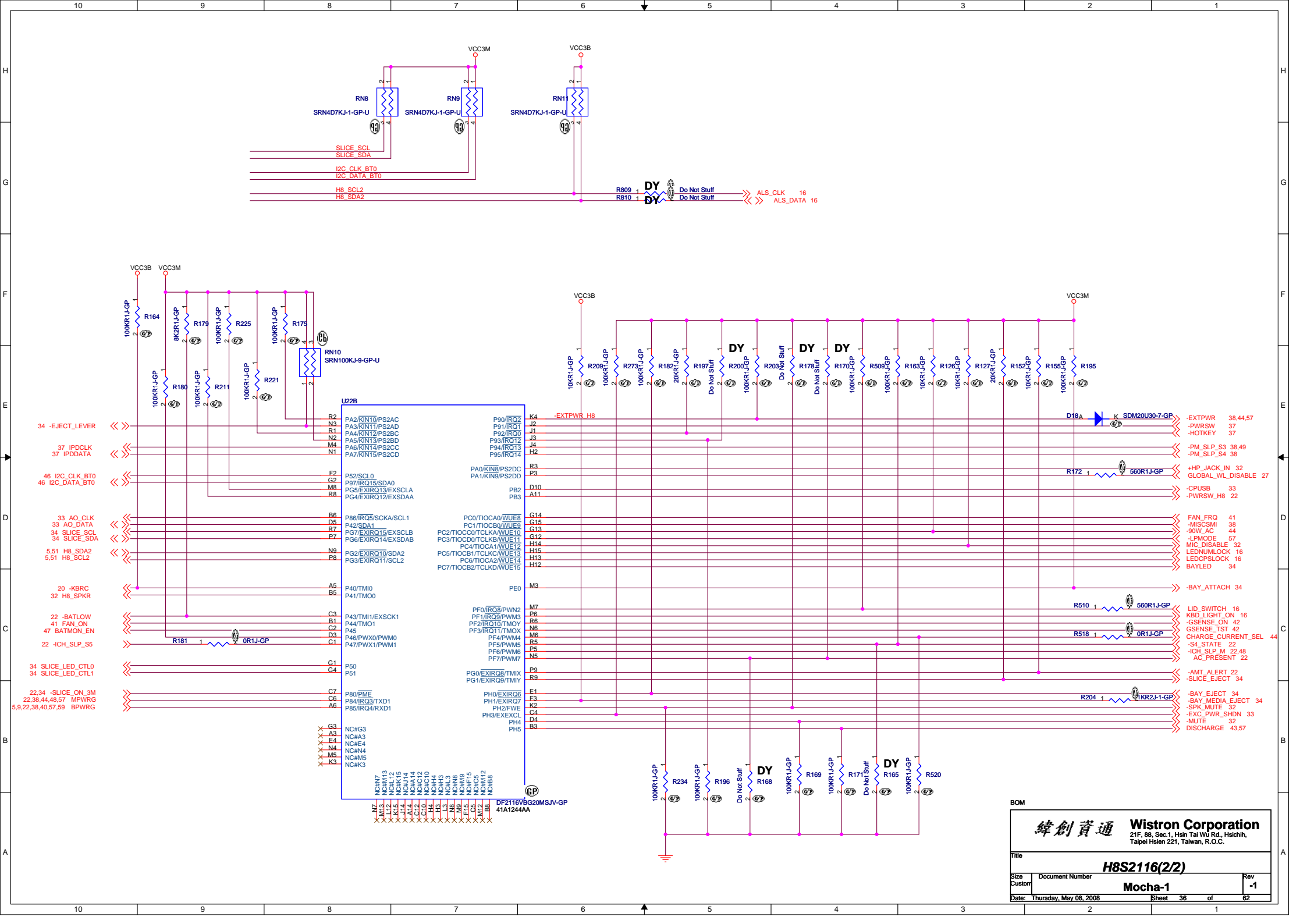
**Express Card Slot/PWR**

Size A3 Document Number **Mocha-1** Rev -1

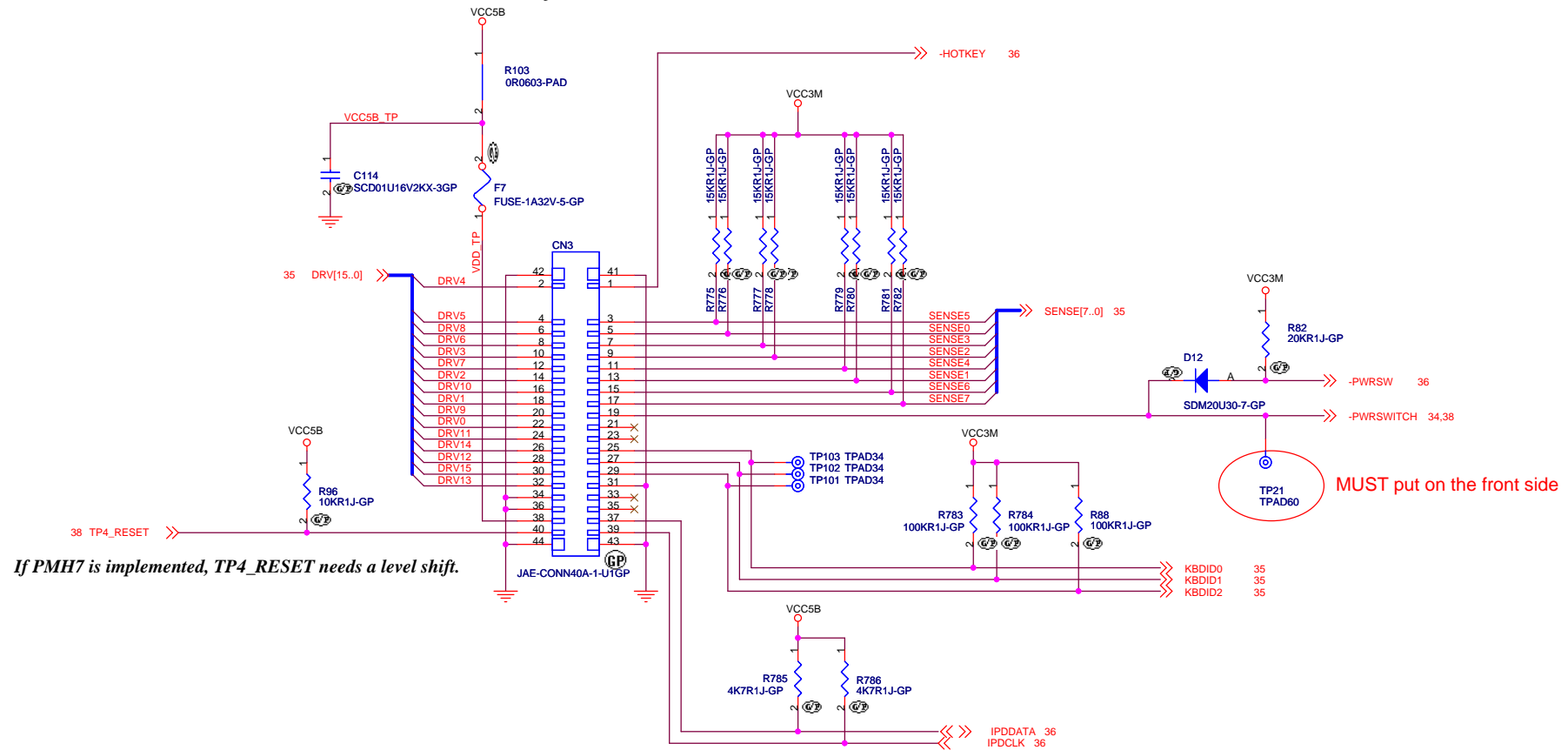
Date: Thursday, May 08, 2008 Sheet 33 of 62





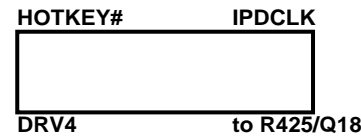


# Keyboard Connector



## Near CN3

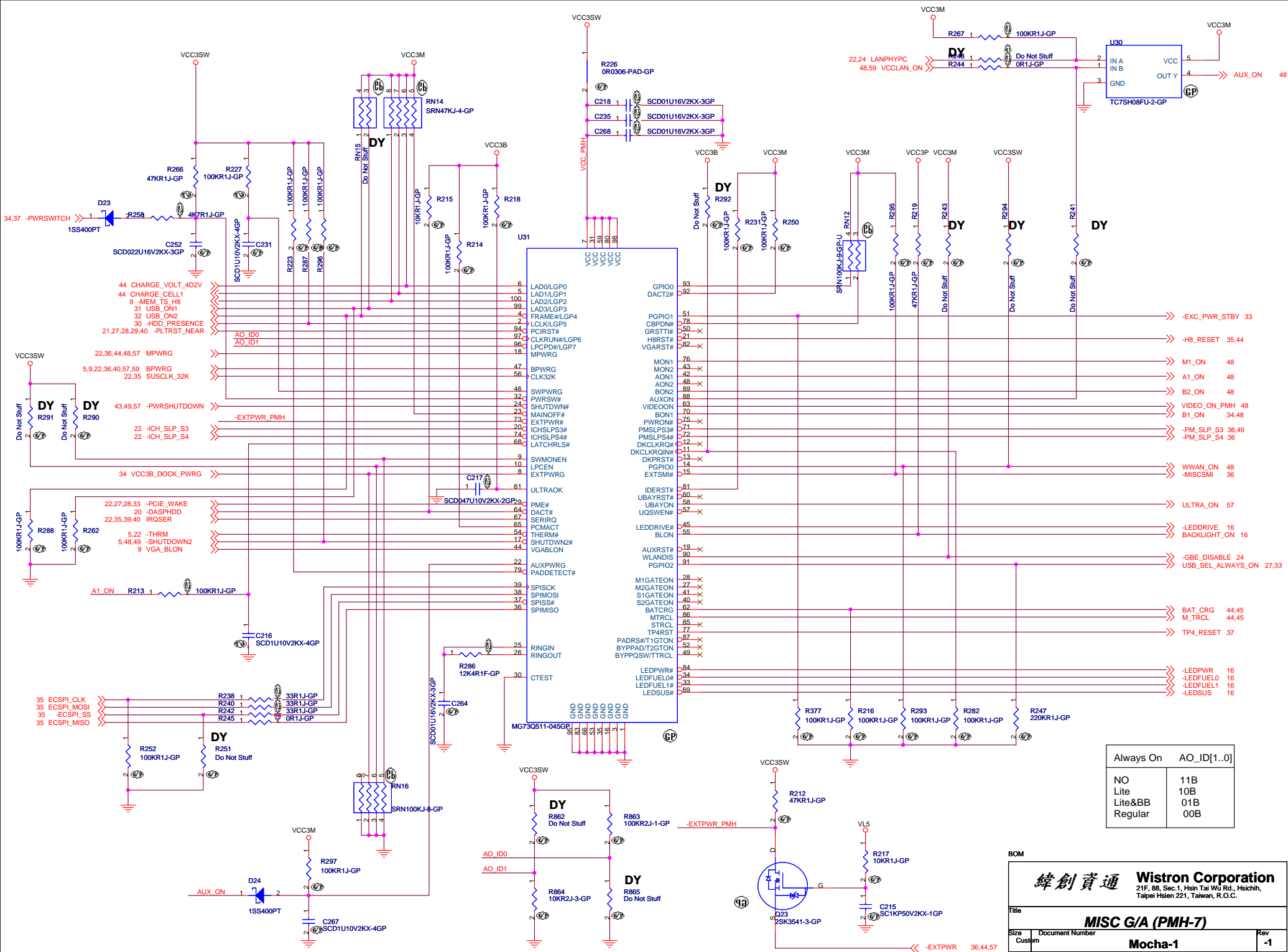
DRV4	TP77	TPAD34	SENSE5	TP93	TPAD34
DRV5	TP78	TPAD34	SENSE0	TP94	TPAD34
DRV6	TP79	TPAD34	SENSE3	TP95	TPAD34
DRV7	TP80	TPAD34	SENSE2	TP96	TPAD34
DRV8	TP81	TPAD34	SENSE4	TP97	TPAD34
DRV9	TP82	TPAD34	SENSE1	TP98	TPAD34
DRV10	TP83	TPAD34	SENSE6	TP99	TPAD34
DRV11	TP84	TPAD34	SENSE7	TP100	TPAD34
DRV12	TP85	TPAD34	IPDDATA	TP104	TPAD34
DRV13	TP86	TPAD34	IPDCLK	TP105	TPAD34
	TP87	TPAD34	TP4_RESET	TP106	TPAD34
	TP88	TPAD34	VDD TP	TP107	TPAD34
	TP89	TPAD34	-HOTKEY	TP108	TPAD34
	TP90	TPAD34			
	TP91	TPAD34			
	TP92	TPAD34			

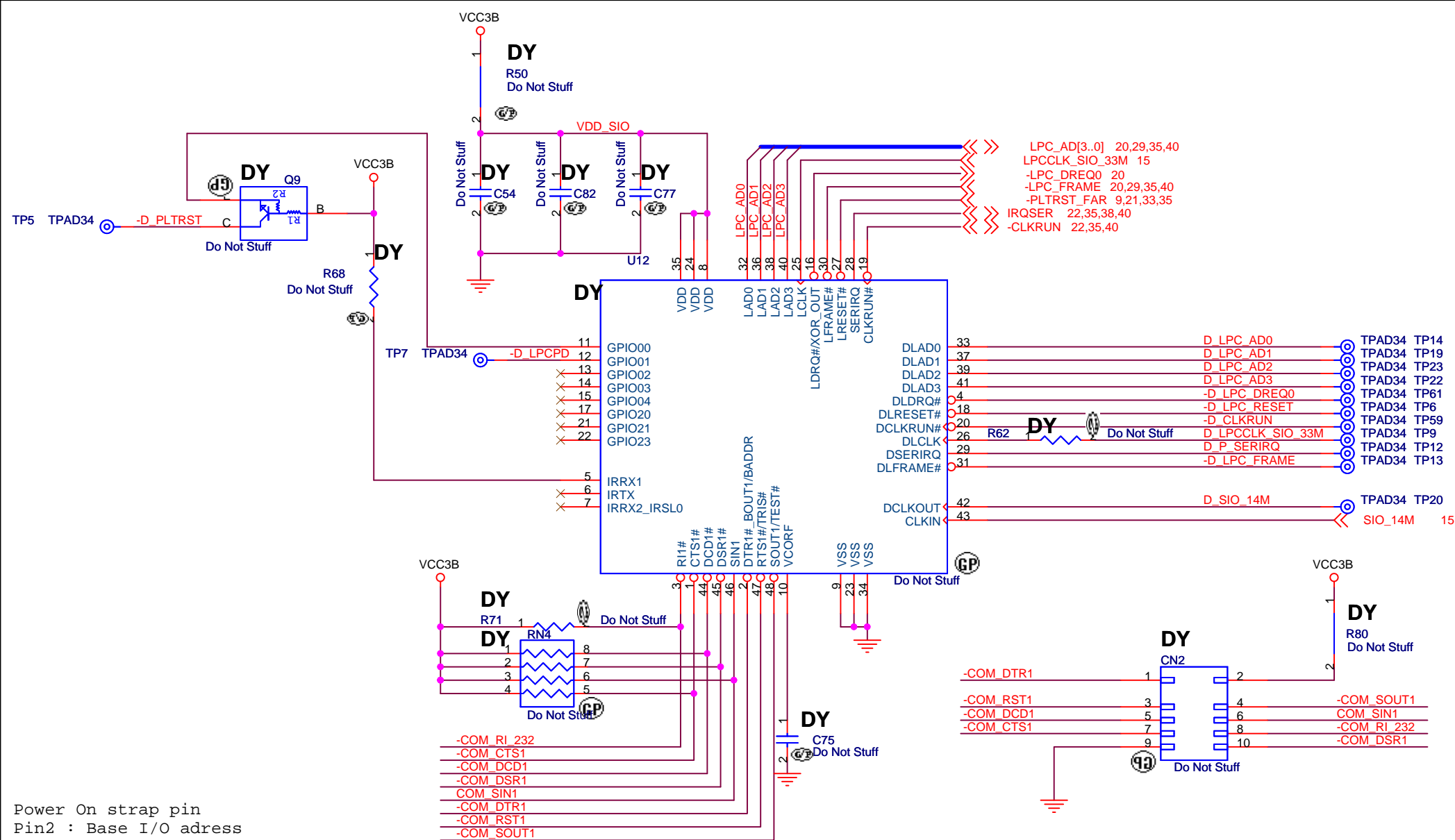


## Keyboard Connector Top View

BOM

<b>緯創資通</b> Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title	
Size A3	
Document Number	
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Date: Thursday, May 08, 2008	
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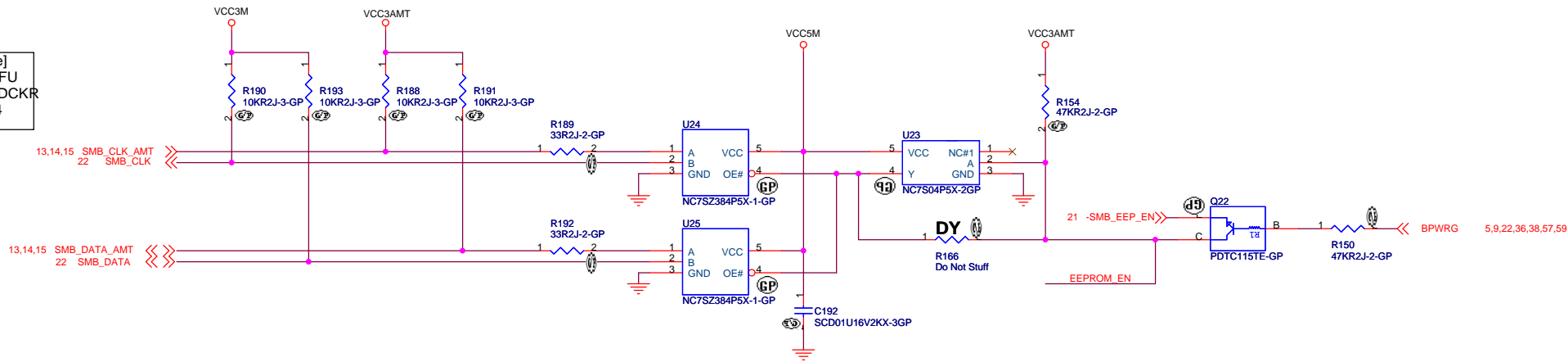




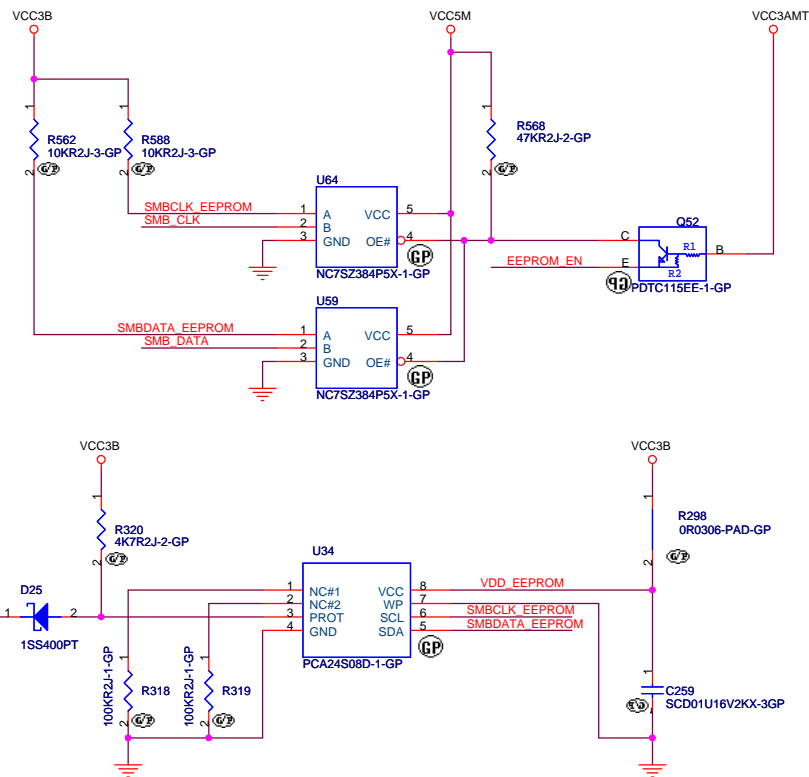
#### BOM

<div>緯創資通</div>		<div>Wistron Corporation</div> <div>21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.</div>	
Title			
WPCN385SDG			
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[Sourcing Candidate]  
Toshiba TC7SB384FU  
TI SN74CBT1G384DCKR  
Fairchild NC7SZ384

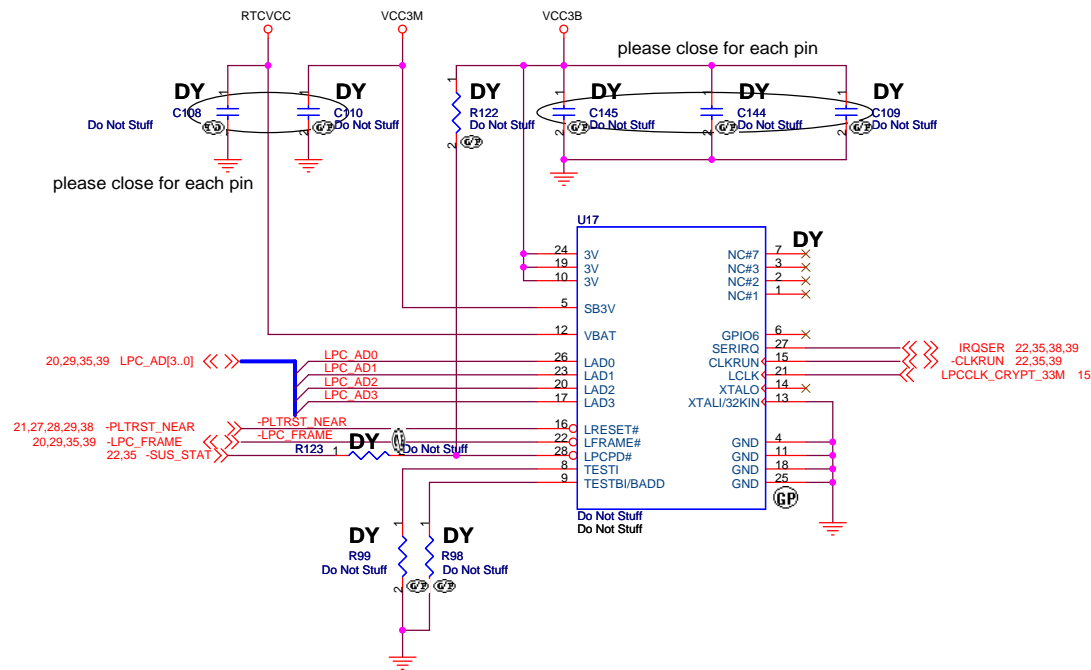


## EEPROM



		U34	Wistron P/N
1st	PHILIPS	PCA24S08D	38L5170AA

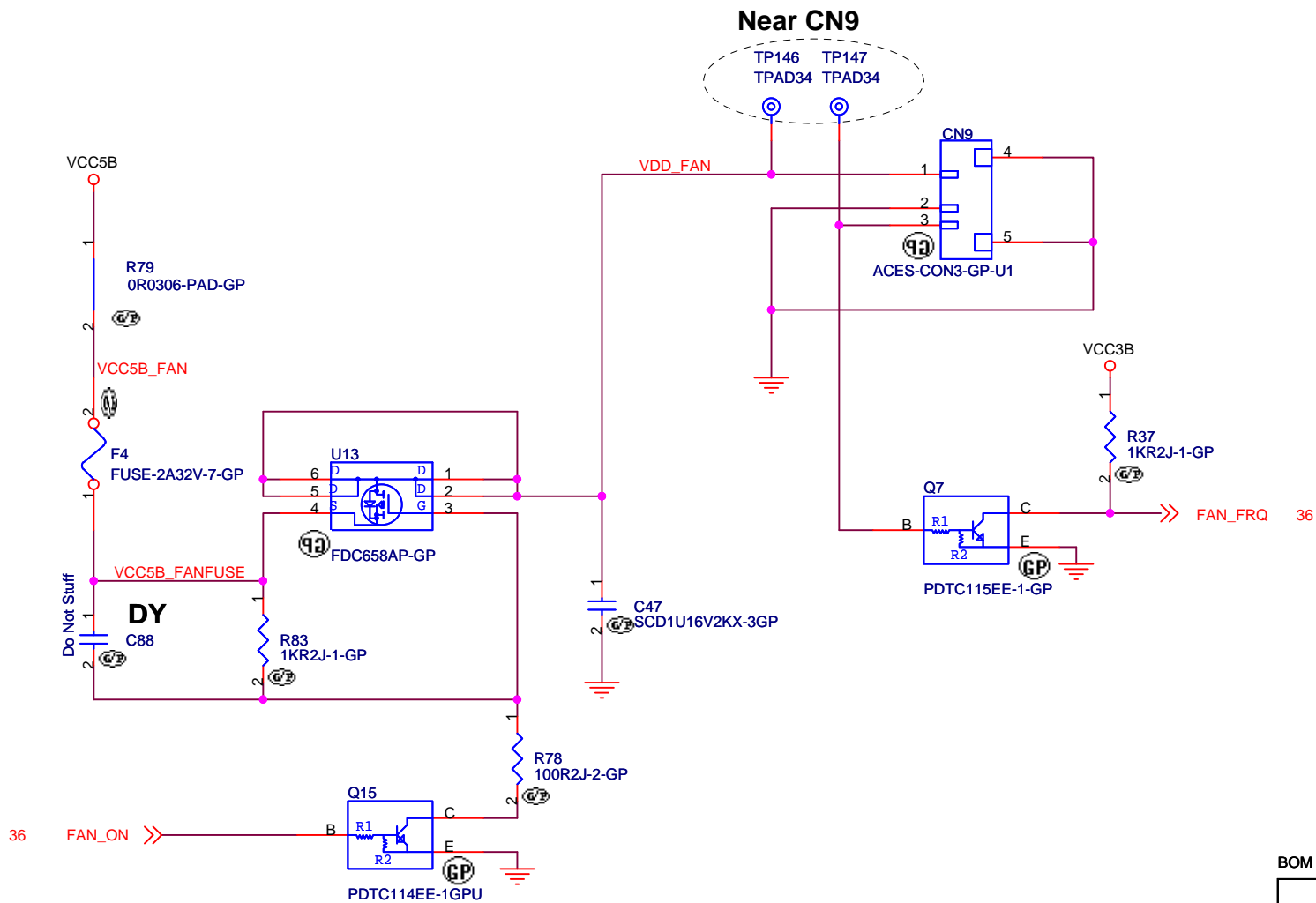
## TCPA



BOM

緯創資通		Wistron Corporation	
		21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
EEPROM/TCPA			
Size	Document Number	Rev	
A3		Mocha-1	
Date: Thursday, May 08, 2008		Sheet	40 of 62

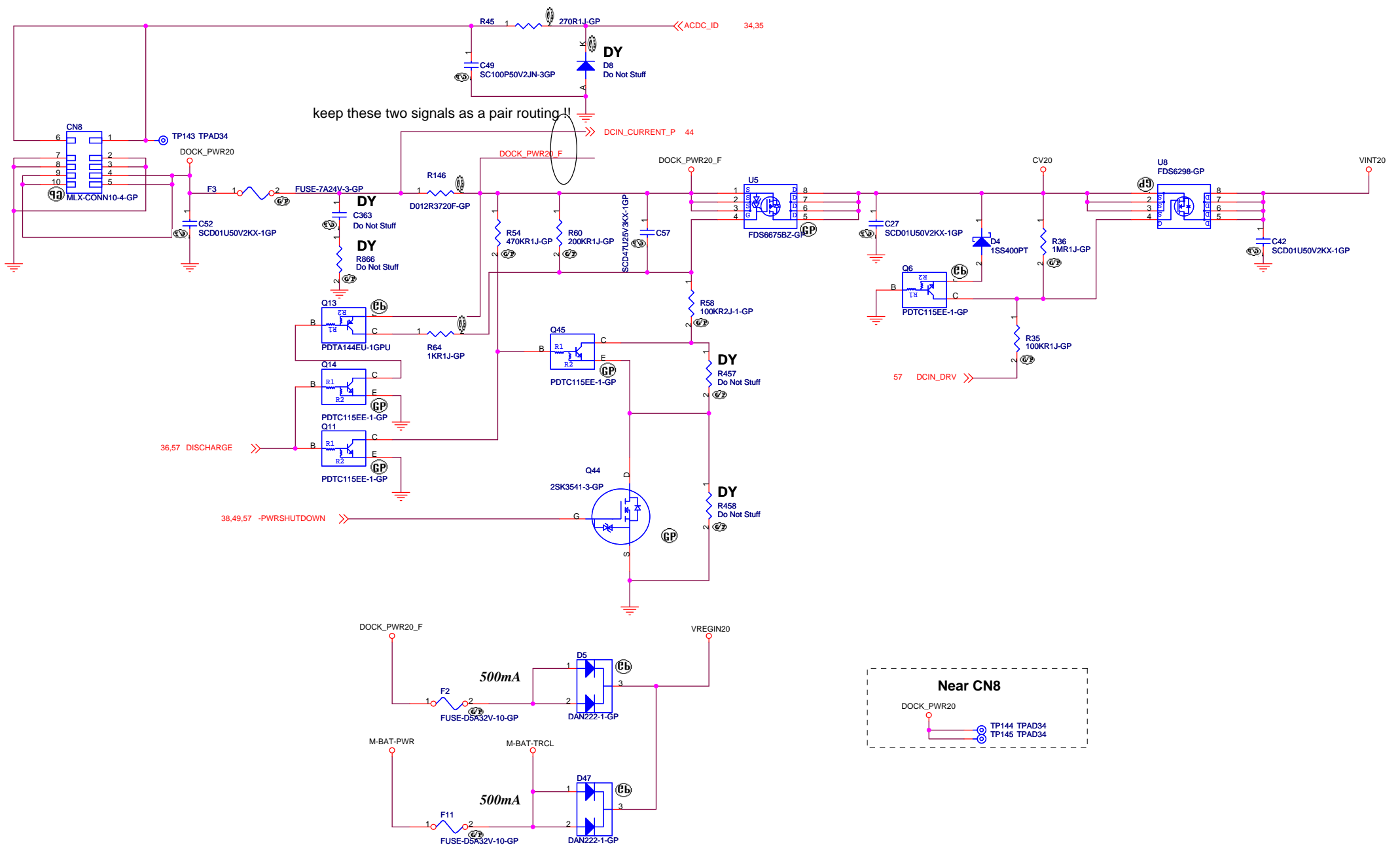




BOM

<p>緯創資通 <b>Wistron Corporation</b> 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.</p>	
<p>Title</p> <p style="text-align: center;"><b>FAN CONTROL</b></p>	
<p>Size A4</p>	<p>Document Number</p> <p style="text-align: center;"><b>Mocha-1</b></p>
<p>Date: Thursday, May 08, 2008</p>	<p>Rev -1</p>
<p>Date: Thursday, May 08, 2008 Sheet 41 of 62</p>	





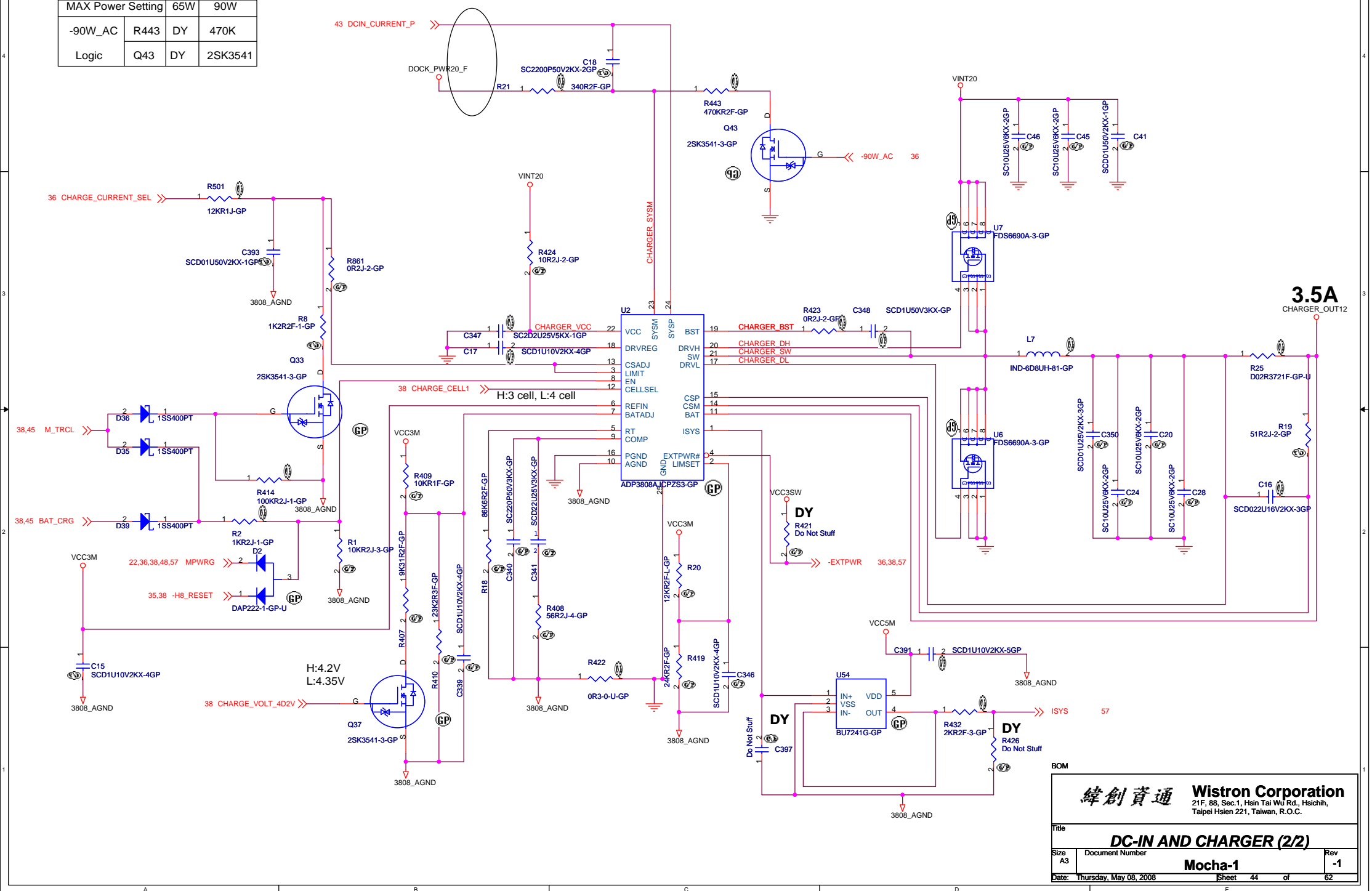
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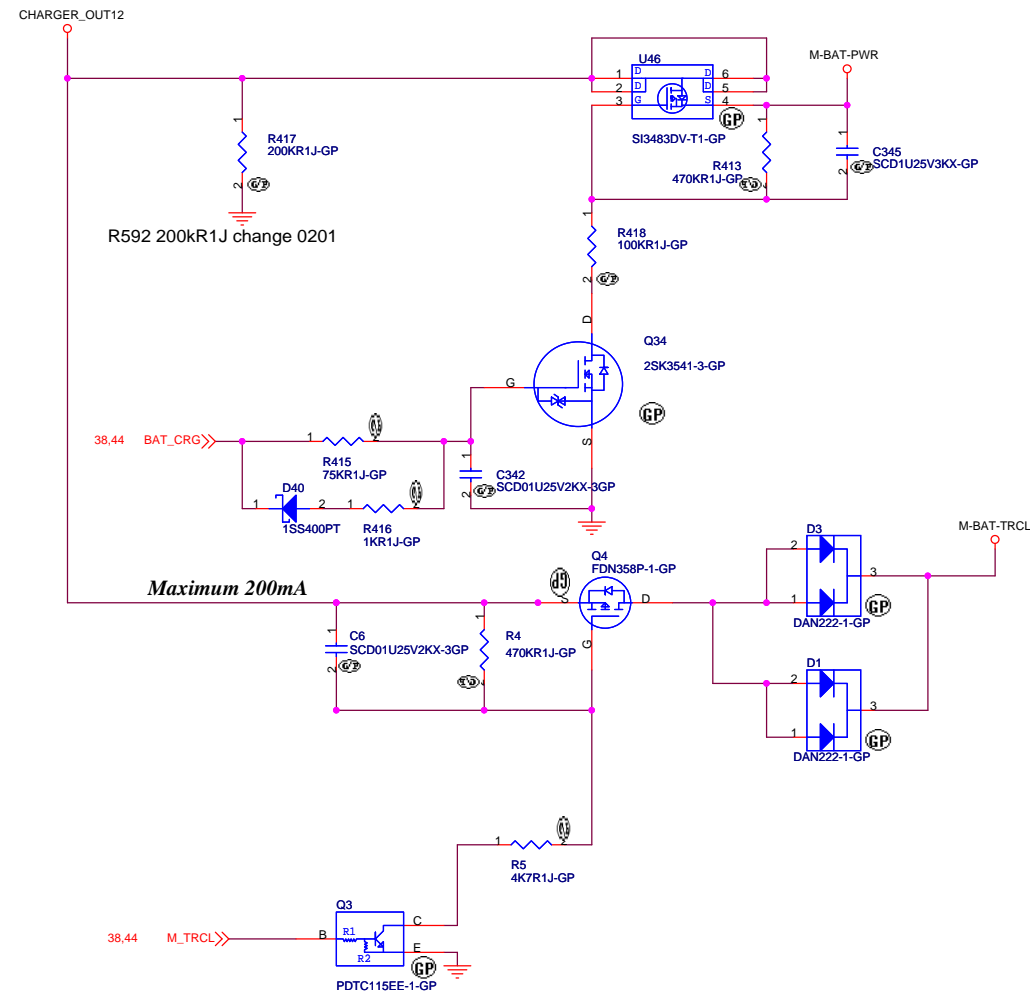
<b>緯創資通</b>		<b>Wistron Corporation</b> 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
<b>DC-IN AND CHARGER (1/2)</b>			
Size A3	Document Number  <b>Mocha-1</b>		Rev -1
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90W, 65W, auto selection mode

MAX Power Setting	65W	90W
-90W_AC	R443 DY	470K
Logic	Q43 DY	2SK3541

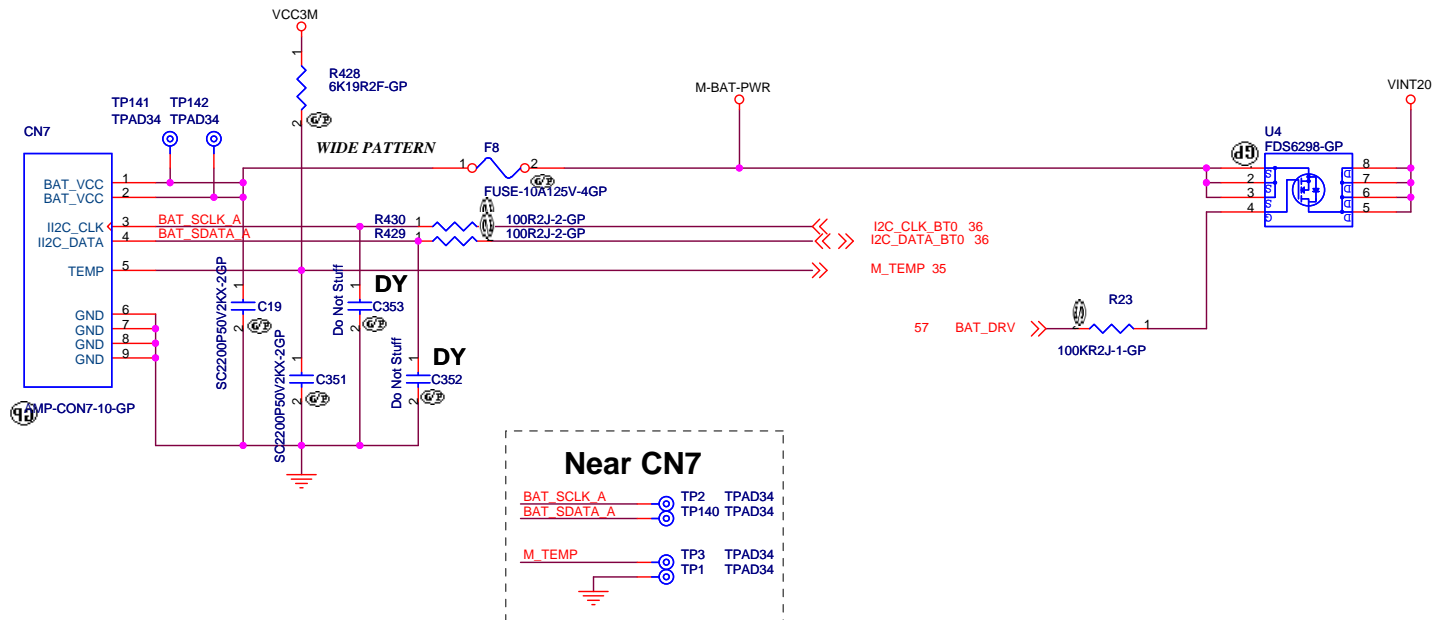
Keep these two signals as a pair routing !!





BOM

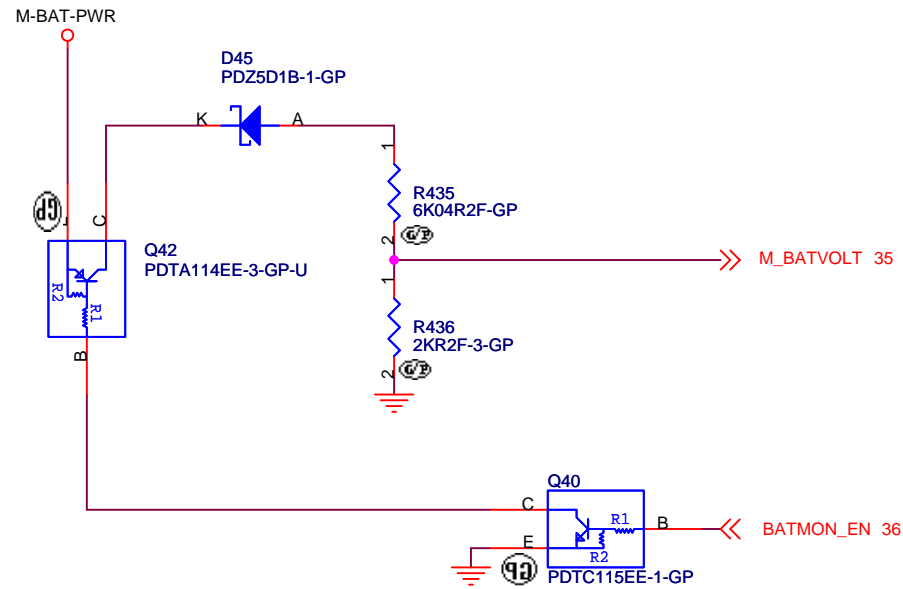
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		21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
CHARGER SELECT			
Size	Document Number		Rev
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BOM

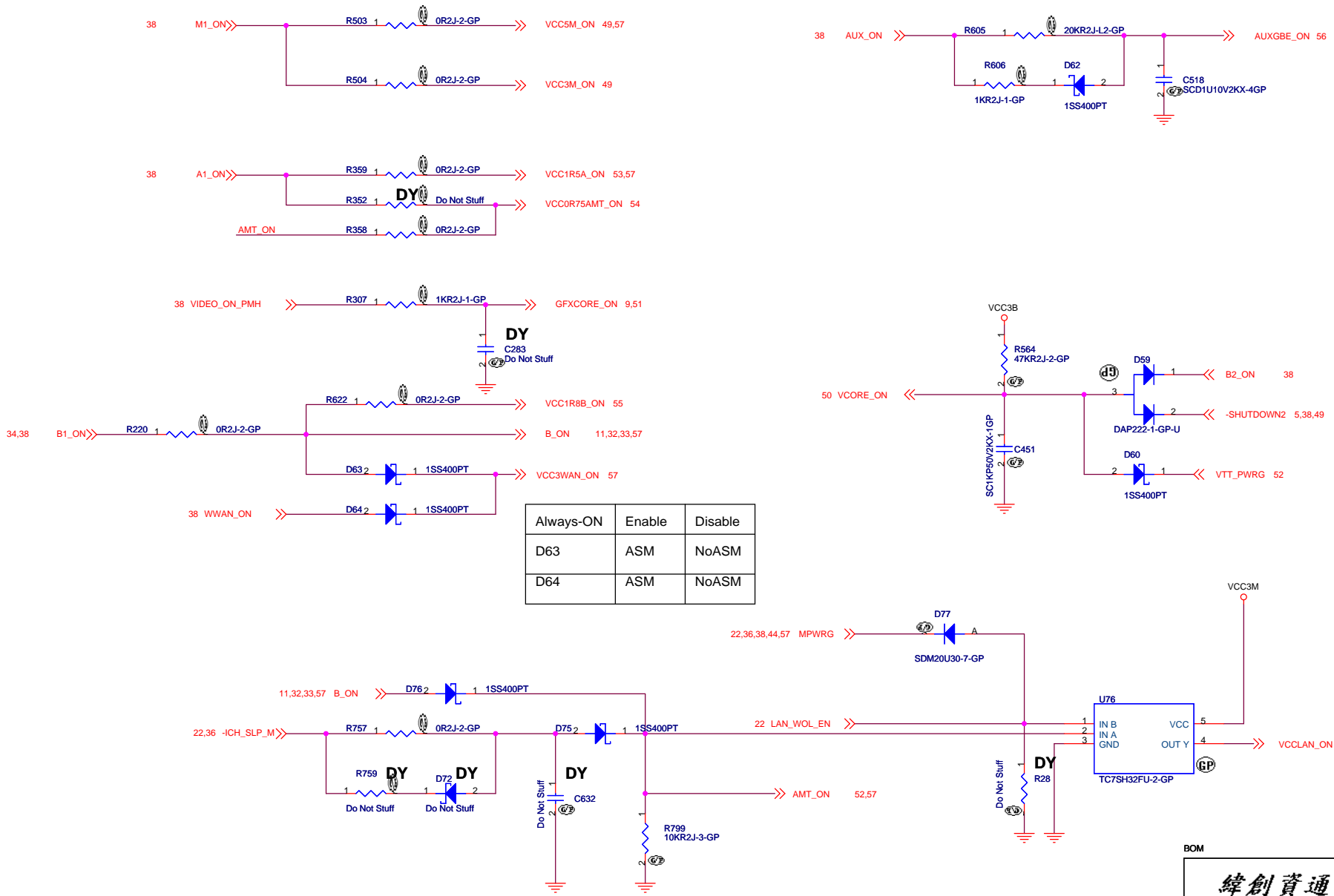
<b>緯創資通</b>		<b>Wistron Corporation</b> 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
<b>BATTERY INPUT</b>			
Size B	Document Number  <b>Mocha-1</b>		Rev  <b>-1</b>
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$V_{OUT} = 0.249 (V_{BAT} - 5)$



BOM

<div>緯創資通</div>		<div>Wistron Corporation</div>			
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Title					
<div>BATTERY MONITOR</div>					
Size A4	Document Number		Rev -1		
Mocha-1					
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Always-ON	Enable	Disable
D63	ASM	NoASM
D64	ASM	NoASM

緯創資通

Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,  
Taipei Hsien 221, Taiwan, R.O.C.

Title

POWER SEQUENCE

Size  
A3

Document Number

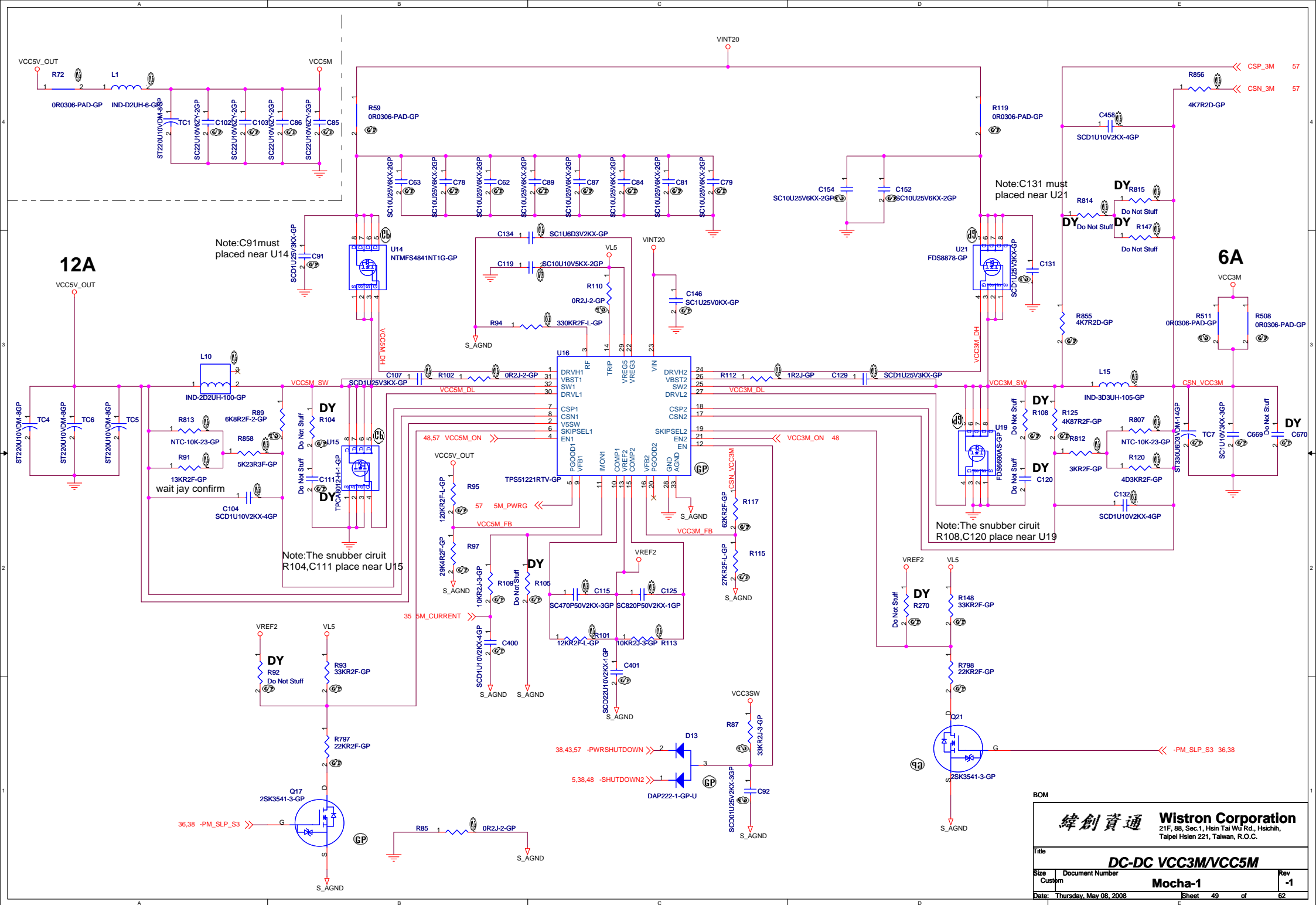
Mocha-1

Rev  
-1

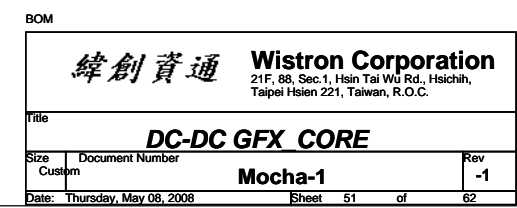
Date: Thursday, May 08, 2008

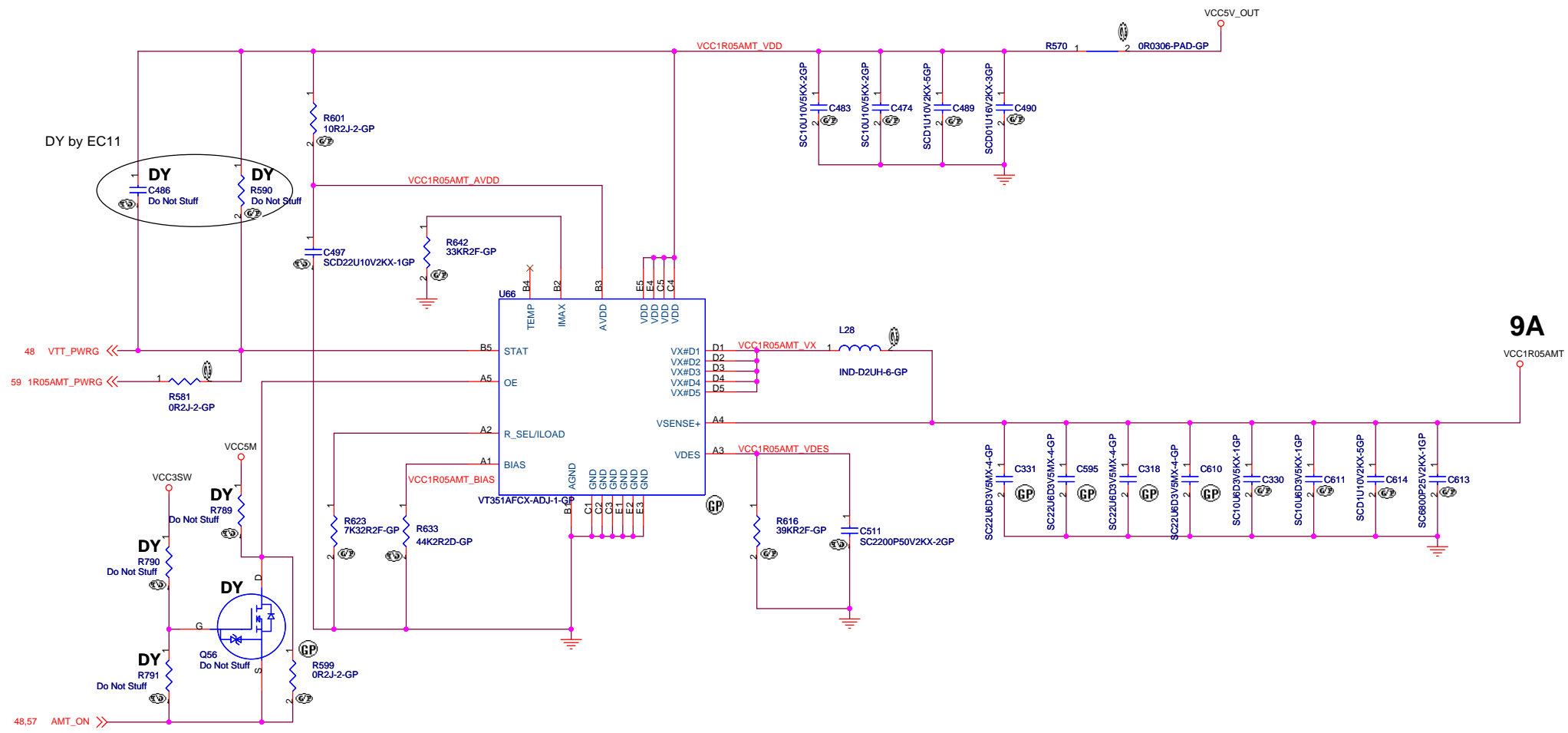
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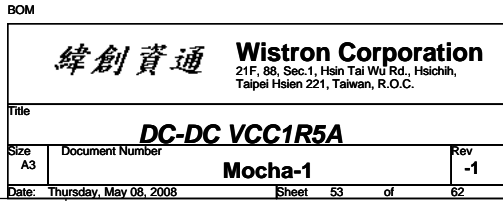


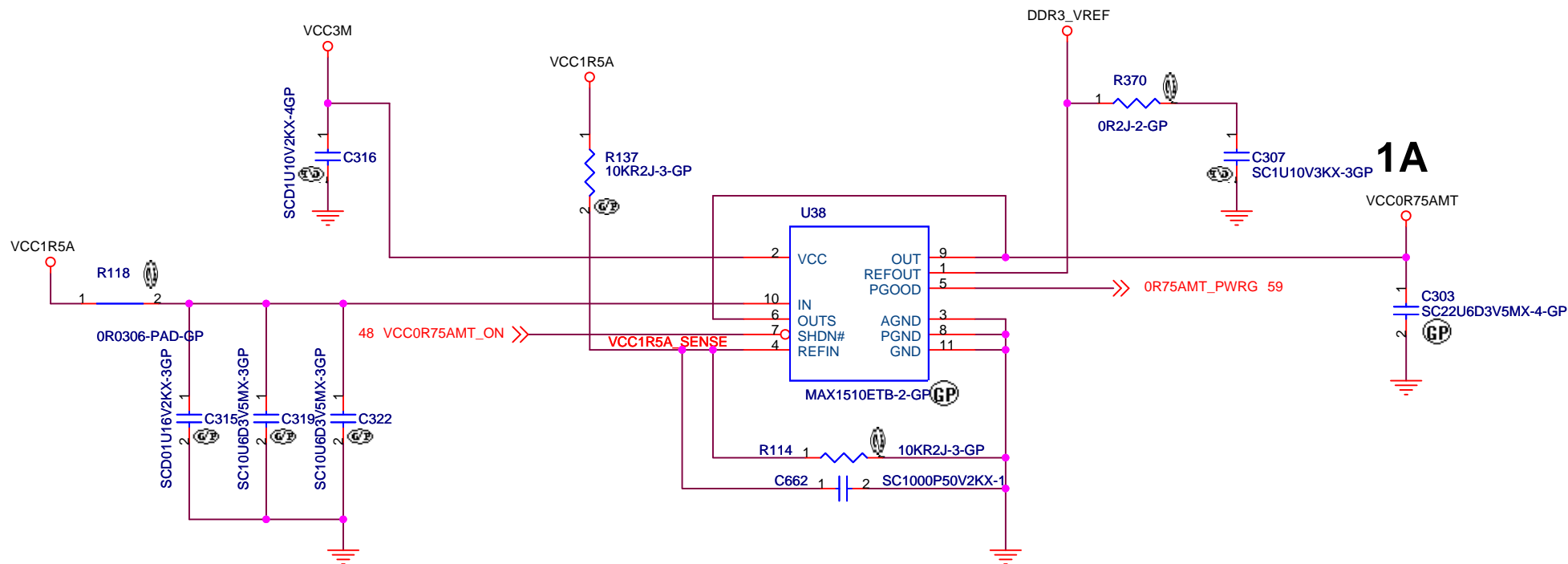








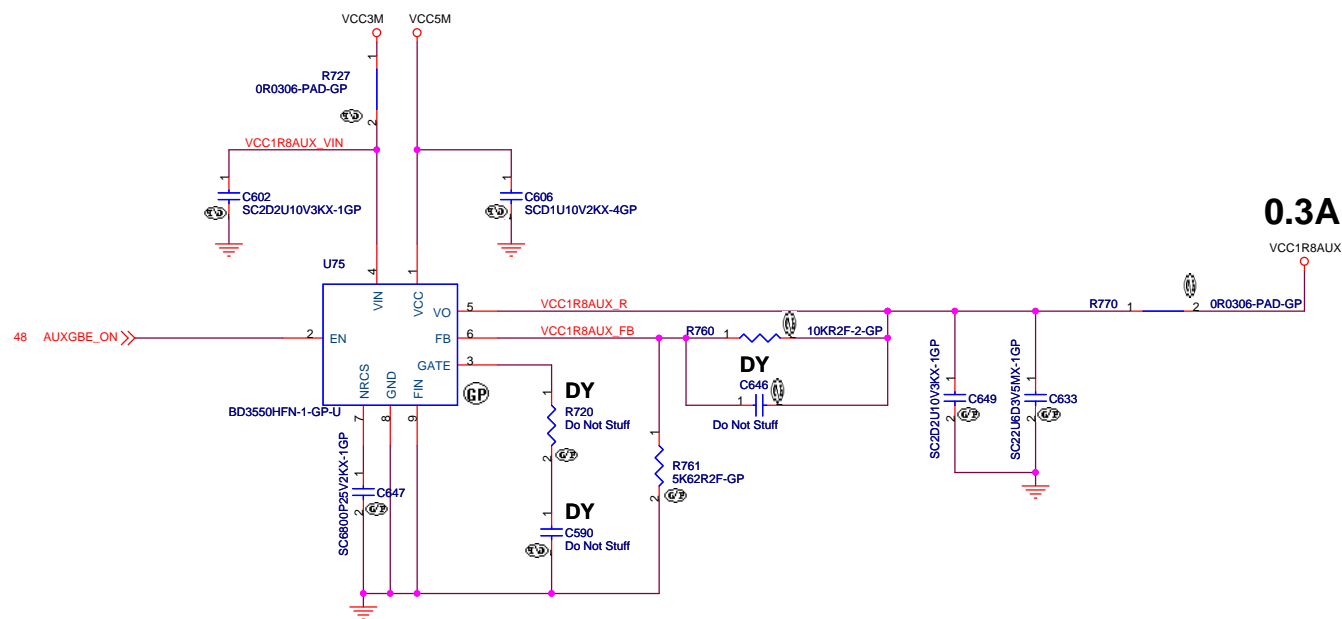
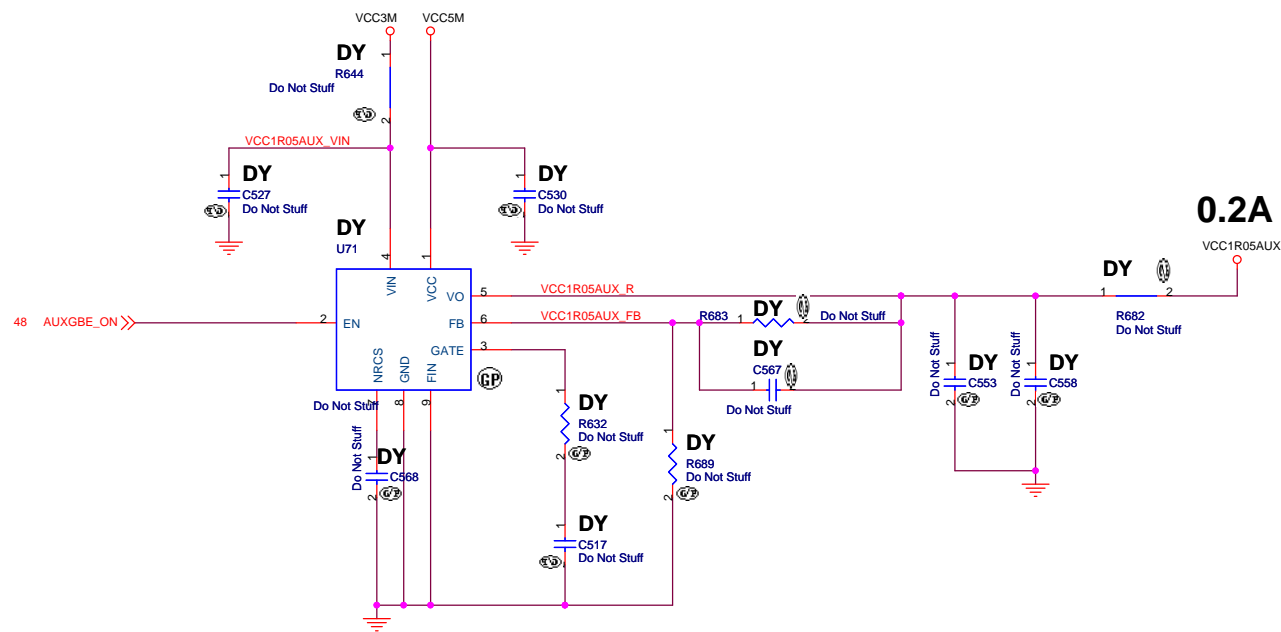




BOM

緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title <b>DC-DC VCC0R75AMT</b>	
Size A4	Document Number <b>Mocha-1</b>
Date: Thursday, May 08, 2008	Rev <b>-1</b>
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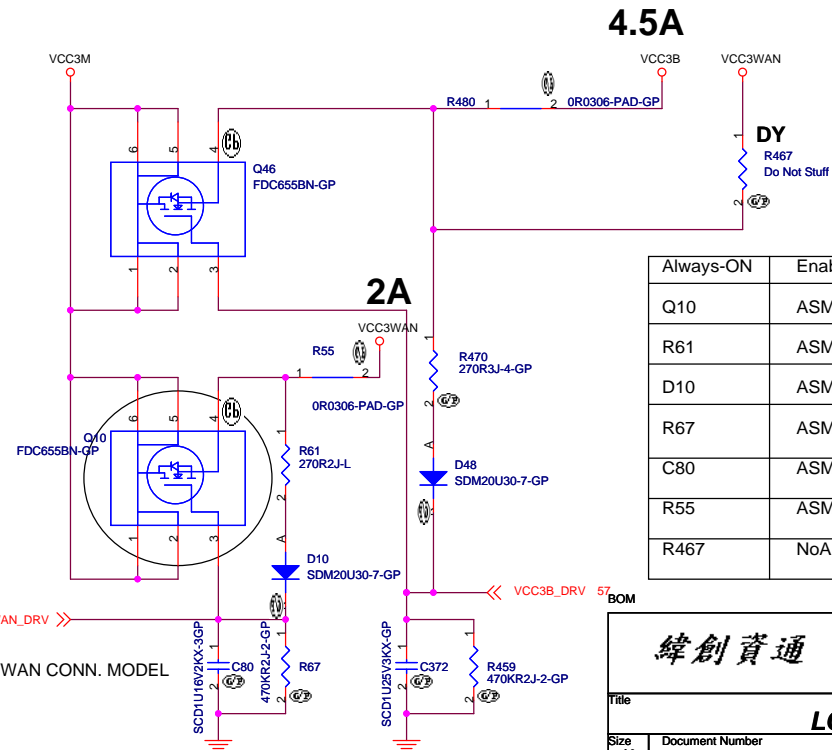
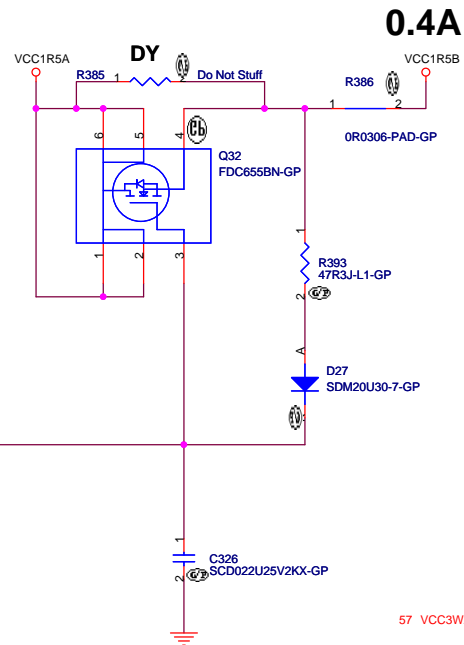
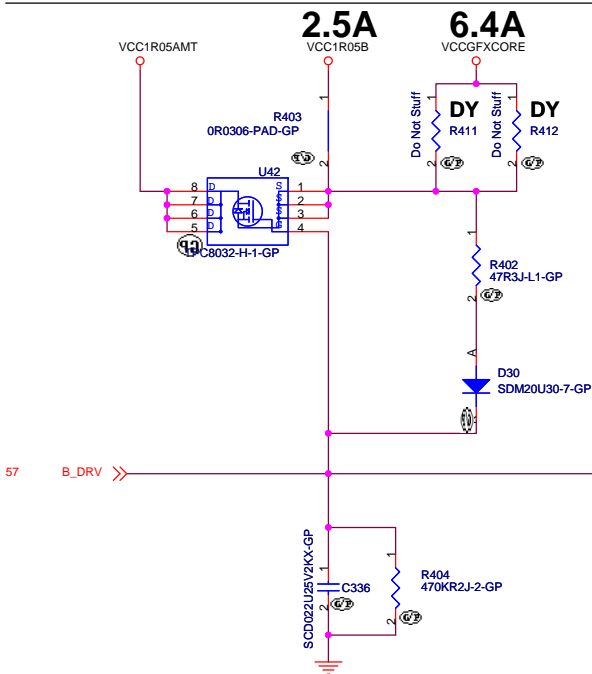
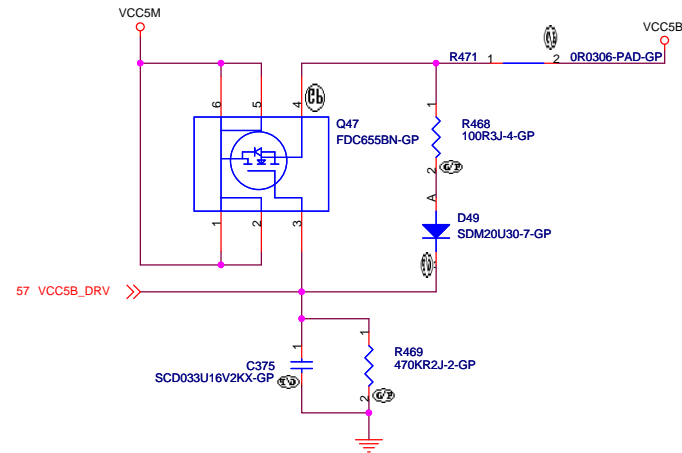
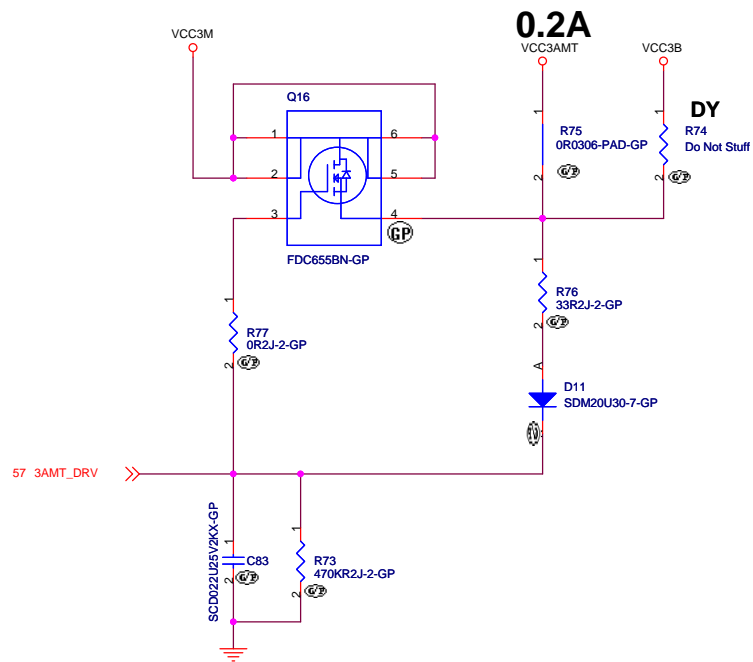


BOM

<b>緯創資通 Wistron Corporation</b> 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
<b>DC-DC VCC1R05AUX/VCC1R8AUX</b>	
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Always-ON	Enable	Disable
Q10	ASM	NoASM
R61	ASM	NoASM
D10	ASM	NoASM
R67	ASM	NoASM
C80	ASM	NoASM
R55	ASM	NoASM
R467	NoASM	ASM

No-asm for no WWAN CONN. MODEL

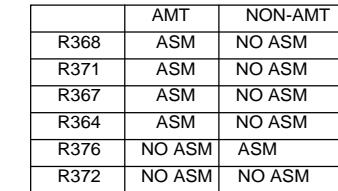
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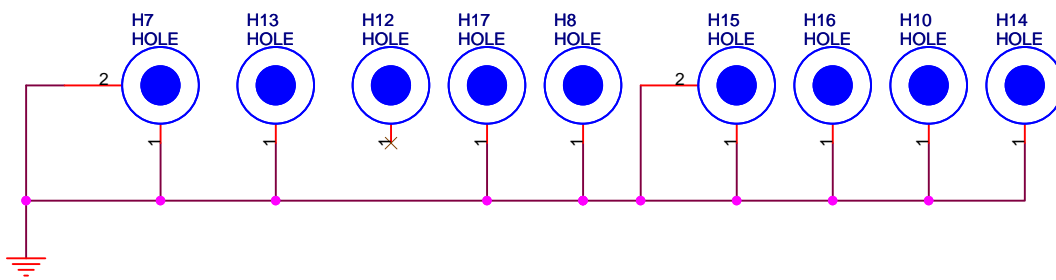
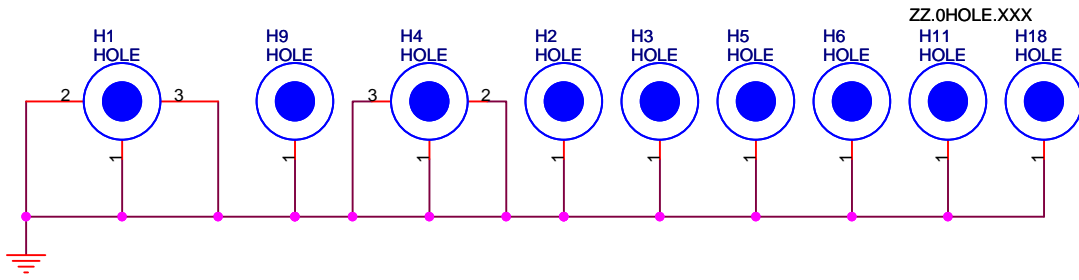
**緯創資通 Wistron Corporation**  
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.

**LOAD SW 1**

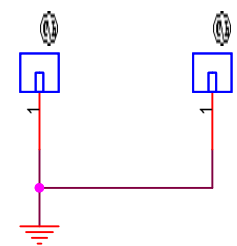
**Mocha-1**

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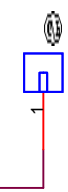




GND1  
SPRING-9-GP  
34.49U23.001



GND2  
SPRING-9-GP  
34.49U23.001



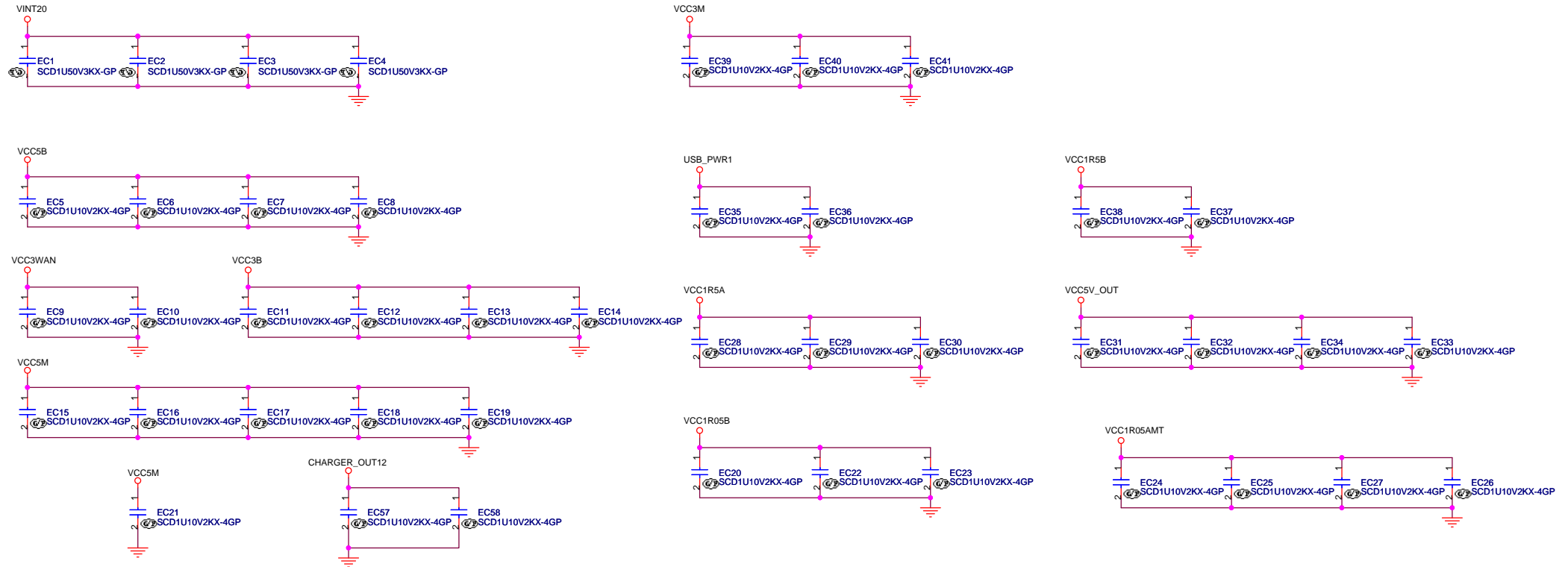
K3  
SPRING-49-GP  
34.49U25.001



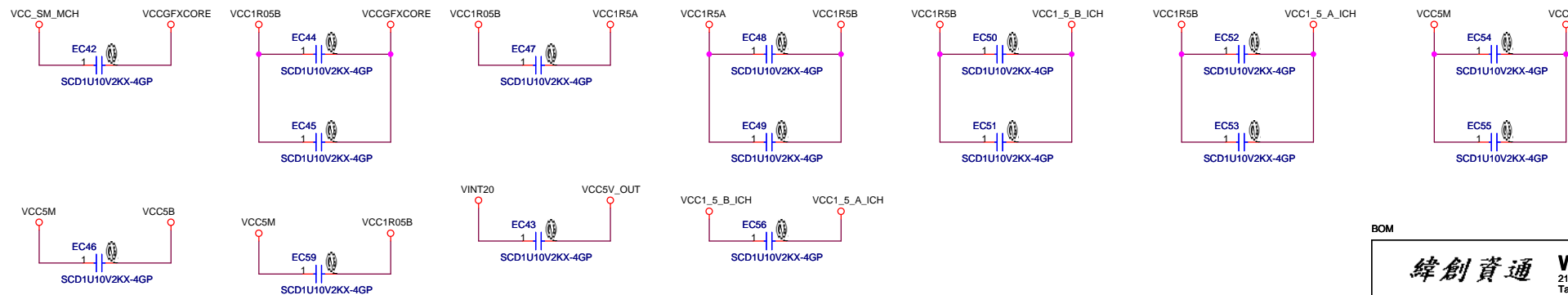
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<div>緯創資通</div>		<div>Wistron Corporation</div>	
		21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
<div>HOLES/GND/PADS</div>			
Size A4	Document Number <div>Mocha-1</div>		Rev -1
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# Long power trace EMI decoupling caps



# Power Moat EMI decoupling caps



Comparison chart for Always On function

Item	Page	Location Netname	AMT	NON_AMT	Modify	Note
------	------	---------------------	-----	---------	--------	------

BOM

<div>緯創資通</div> <div>Wistron Corporation</div> <div>21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.</div>	
Title	
AMT FUNCTION CONTROL TABLE	
Size A3	Document Number
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