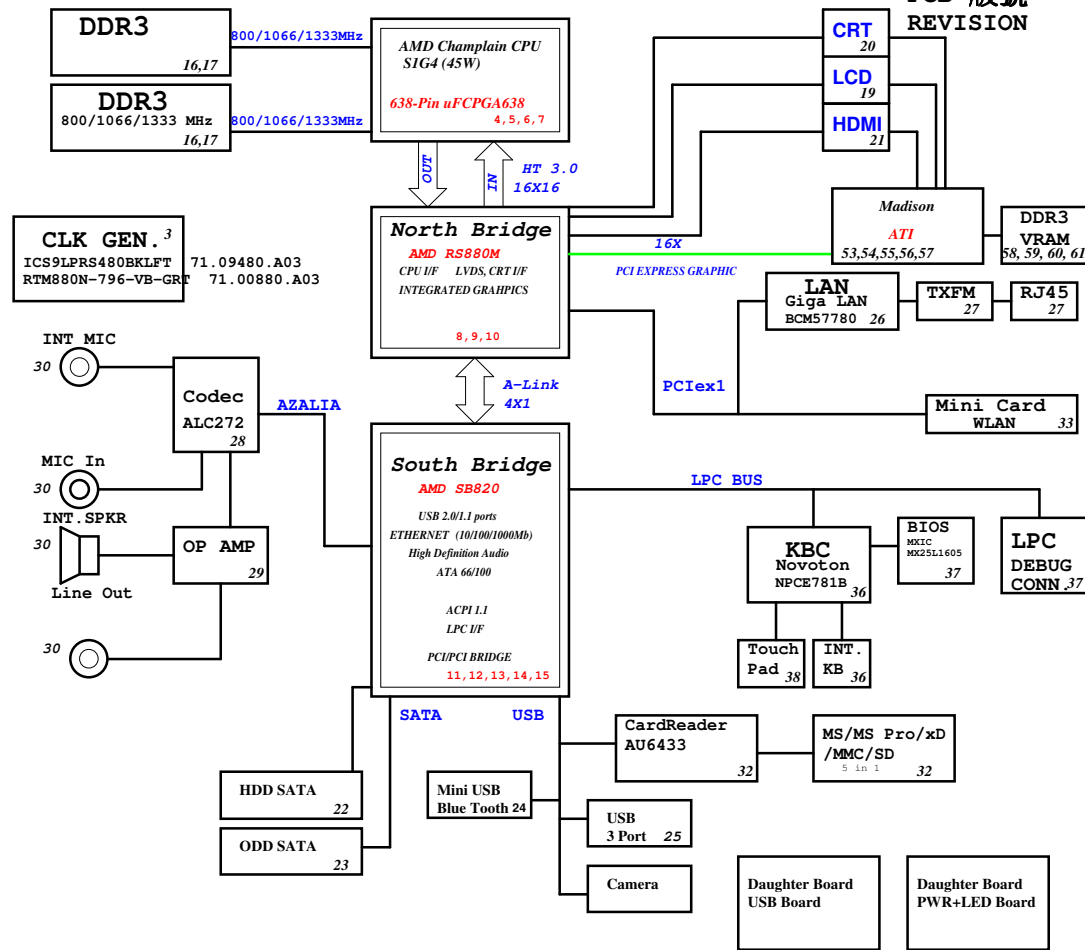


HM42-DN Block Diagram

Project code: 91.4HD01.001
PCB P/N : 48.4GX01.0SA
PCB 版號 : 09919 SA
REVISION : PCB STACKUP



TOP
VCC
S
S
GND
BOTTOM

SYSTEM DC/DC	
RT8223	46
INPUTS	OUTPUTS
DCBATOUT	5V_S5 (5.5A)
	3D3V_S5 (5A)
SYSTEM DC/DC	
RT8209E	47
5V_S5	1D5V_S3 (1.4A)
RT9026	47
5V_S5	OD75_S3 (1.2A)
SYSTEM DC/DC	
RT8209E	48
INPUTS	OUTPUTS
DCBATOUT	1D1V_S0 (11A)
RT9025	48
3D3V_S5	1D1V_S5 (1.4A)
RT9025	49
5V_S5	1D1V_VGA
RT9161	49
3D3V_S0	2D5V_S0 (200mA)
RT9025	49
1D5V_S3	1D05V_S0 (1.4A)
CHARGER	
BQ24745	50
INPUTS	OUTPUTS
DCBATOUT	CHG_PWR
	18V 6.0A
	UP+5V
	5V 100mA
CPU DC/DC	
ISL6265AHR	45
INPUTS	OUTPUTS
DCBATOUT	VCC_CORE_S0
	0~1.55V 18A
	VDDNB
	0~1.55V 4A

Discrete Madison Hynix

緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu,
Taippei Hsin 221, Taiwan, R.O.C.

File

BLOCK DIAGRAM

Size

Document Number

A3

JE40-DN

Date

Friday, March 28, 2010

Sheet

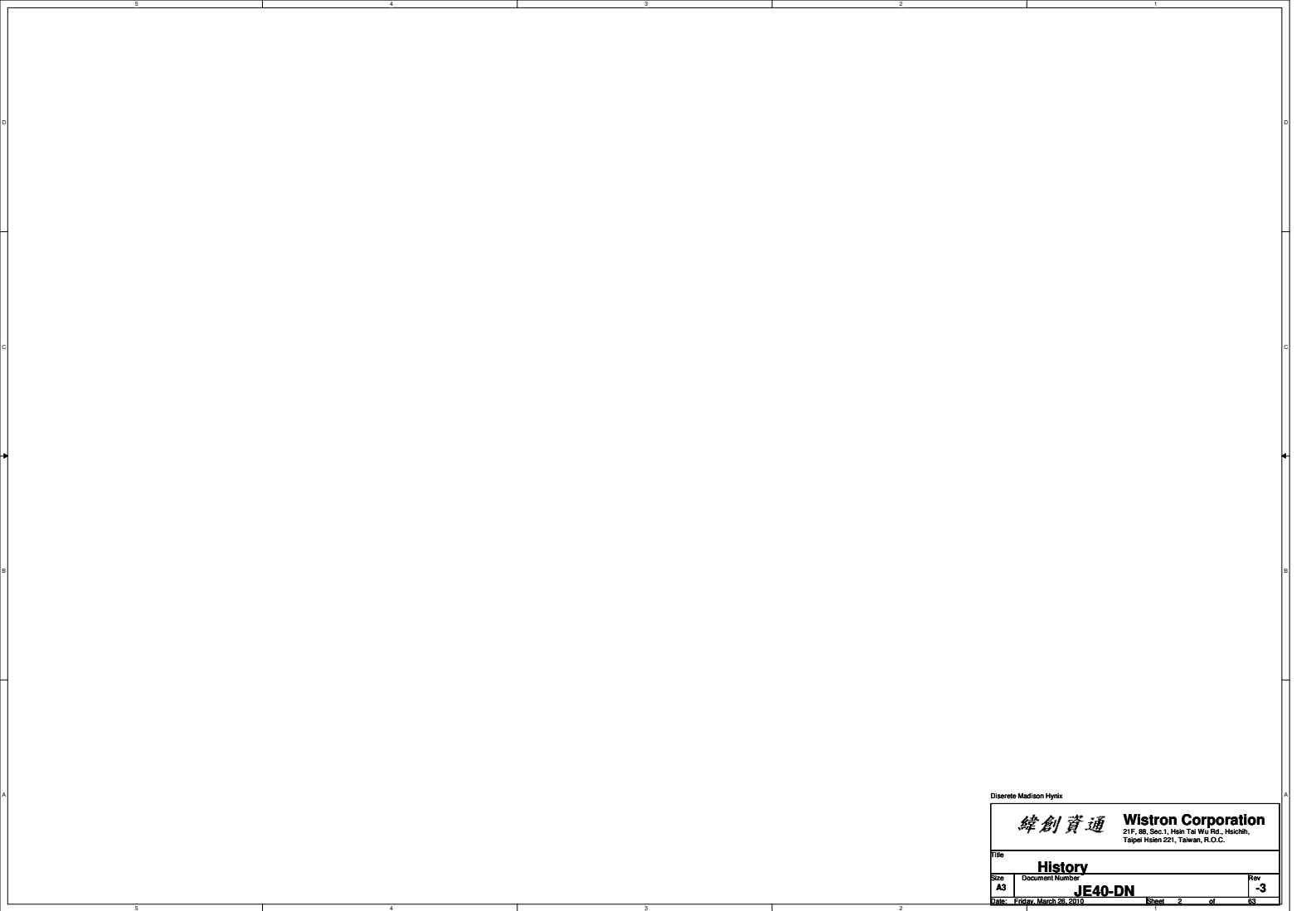
1

of

80

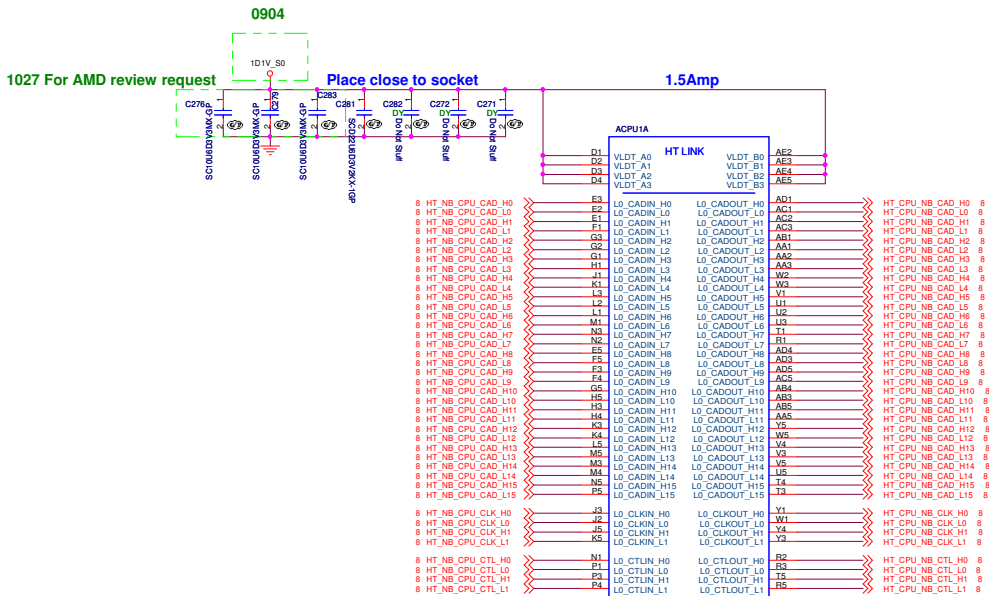
Rev

-3



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緯創資通		Wistron Corporation	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichia,		Taipei Hsien 221, Taiwan, R.O.C.	
History			
Size	Document Number	Rev	
A3	JE40-DN	-3	
Date:	Fri May 28, 2010	Sheet	2 of 63



SKT-CPU638P-GP-U2
62.10055.111
2ND = 62.10055.181(ENG 未上)
SKT-BGA638H176

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緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu,
Taipai Hsien 321, Taiwan, R.O.C.

File

CPU HT LINK I/F (1/4)

Rev

A3

Document Number

JE40-DN

Rev

-3

Date: Friday, March 26, 2010

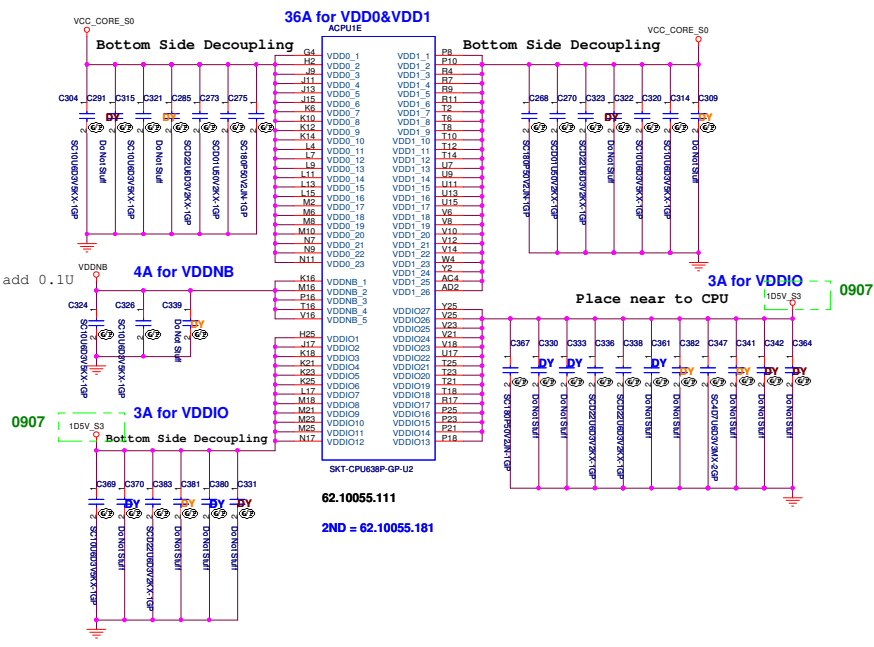
Sheet 4 of 60

ACPU1F		
AA4	VSS1	VSS66
AA11	VSS2	VSS67
AA13	VSS3	VSS68
AA15	VSS4	VSS69
AA17	VSS5	VSS70
AA19	VSS6	VSS71
AB2	VSS7	VSS72
AB7	VSS8	VSS73
AB9	VSS9	VSS74
AB23	VSS10	VSS75
AB25	VSS11	VSS76
AC11	VSS12	VSS77
AC13	VSS13	VSS78
AC17	VSS14	VSS79
AC19	VSS15	VSS80
AC19	VSS16	VSS81
AC21	VSS17	VSS82
AD6	VSS18	VSS83
AD8	VSS19	VSS84
AD25	VSS20	VSS85
AE13	VSS21	VSS86
AE15	VSS22	VSS87
AE19	VSS23	VSS88
AE19	VSS24	VSS89
AE21	VSS25	VSS90
AE23	VSS26	VSS91
BA	VSS27	VSS92
BA	VSS28	VSS93
BA	VSS29	VSS94
BA	VSS30	VSS95
BA	VSS31	VSS96
BA	VSS32	VSS97
B14	VSS33	VSS98
B15	VSS34	VSS99
B17	VSS35	VSS100
B19	VSS36	VSS101
B21	VSS37	VSS102
B23	VSS38	VSS103
B25	VSS39	VSS104
D6	VSS40	VSS105
D8	VSS41	VSS106
D9	VSS42	VSS107
D11	VSS43	VSS108
D13	VSS44	VSS109
D15	VSS45	VSS110
D17	VSS46	VSS111
D19	VSS47	VSS112
D21	VSS48	VSS113
D23	VSS49	VSS114
D25	VSS50	VSS115
E4	VSS51	VSS116
F2	VSS52	VSS117
F13	VSS53	VSS118
F15	VSS54	VSS119
F17	VSS55	VSS120
F19	VSS56	VSS121
F21	VSS57	VSS122
F23	VSS58	VSS123
F25	VSS59	VSS124
H7	VSS60	VSS125
H9	VSS61	VSS126
H23	VSS62	VSS127
H25	VSS63	VSS128
H23	VSS64	VSS129
JA	VSS65	

SKT-CPU638P-GP-U2

62.10055.111

2ND = 62.10055.181

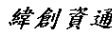


SKT-CPU638P-GP-U2

62.10055.111

2ND = 62.10055.181

Discrete Madison Hynix

 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.	
File CPU_Power_(4/4)	
Size A3	Document Number JE40-DN
Date: Friday, March 26, 2010	Sheet 7 of 85
Rev -3	



1027 For AMD review request

0.6A per ANT Rev1.1, Page3

0.45A per ANT Rev1.1, Page3

1027 For AMD review request

1027 For AMD review request

MEM_COMP_P and MEM_COMP_N trace width >=10mils and 10mils spacing from other Signals in X,Y,Z directions

ANB1F

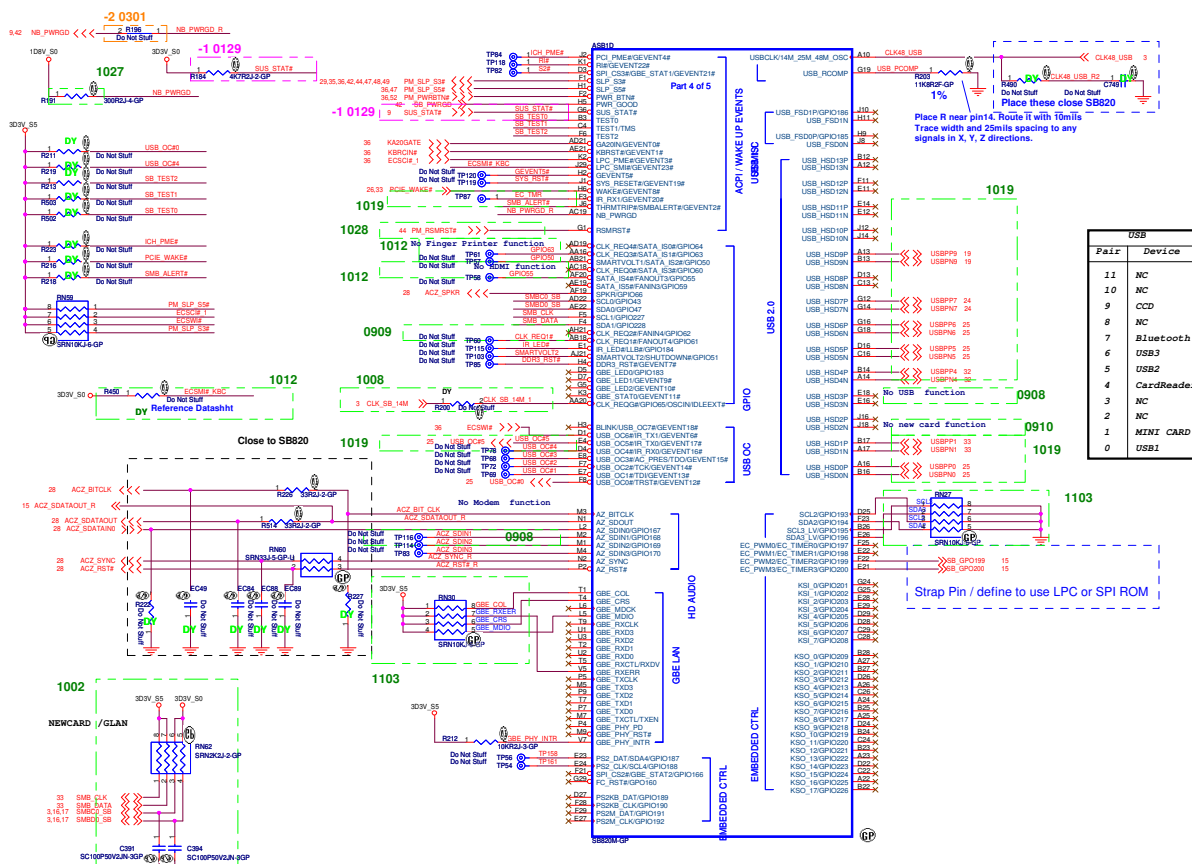
GROUND

Discrete Madison Hynix

緯創資通

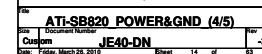
Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu,
Taipai Hsien 221, Taiwan, R.O.C.

File
AT1-RS880M_Side Port&PWR&GND(3/3)
Size A3 Document Number
Date: Friday, March 26, 2010 JE40-DN
Sheet 10 of 30



Discrete Madson Hymn

File				ATI-SB820 USB&GPIO (2/5)			
Size	Document Number						Rev
Custom	JE40-DN						-3
Date:	Friday, March 26, 2010			Sheet	12	of	83

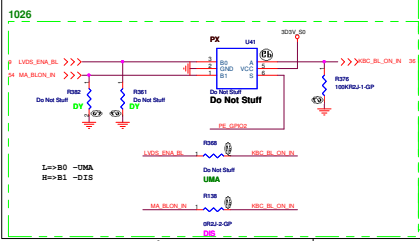
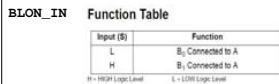
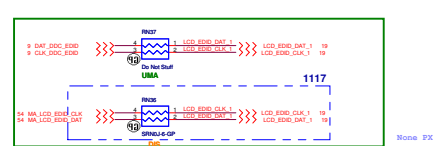
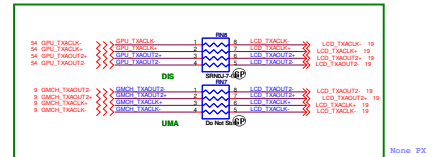
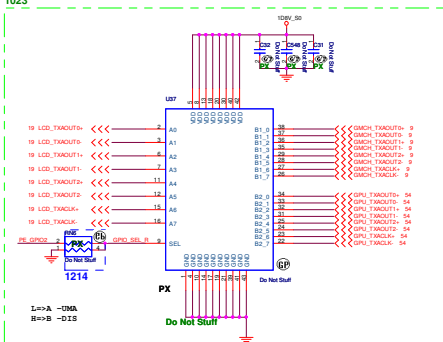


1115



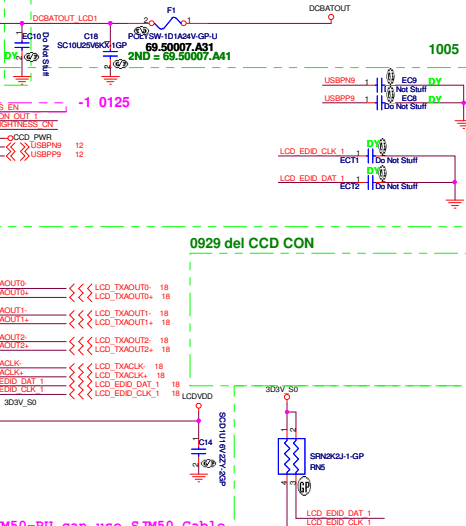
Do Not Stuff	TP67		PCI_AD23	11
Do Not Stuff	TP70		PCI_AD24	11
Do Not Stuff	TP66		PCI_AD25	11
Do Not Stuff	TP77		PCI_AD26	11
Do Not Stuff	TP80		PCI_AD27	11
Do Not Stuff	TP110		PCI_AD28	11
Do Not Stuff	TP108		PCI_AD29	11
Do Not Stuff	TP111		PCI_AD30	11

	PCI_AD27	PCI_AD26	PCI_AD25	PCI_AD24	PCI_AD23
PULL HIGH	USE PCI PLL DEFAULT	DISABLE ILA AUTORUN DEFAULT	USE FC PLL DEFAULT	USE DEFAULT PCI STRAPS DEFAULT	DISABLE PCI MEM BOOT DEFAULT
PULL LOW	BYPASS PCI PLL	ENABLE ILA AUTORUN	BYPASS FC PLL	USE EEPROM PCI STRAPS	ENABLE PCI MEM BOOT



LCD/INVERTER/CCD CONN

1028 for EMC request

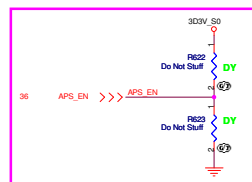


Change PX

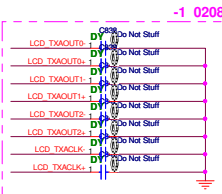
0922

Inverter Pin		
Pin	Symbol	
1	Vin	
2	Vin	
3	Brightness	
4	BLON	
5	GND	
6	GND	

CCD Pin		
Pin	Symbol	
1	CCD_PWR	
2	USB-	
3	USB+	
4	GND	
5	GND	

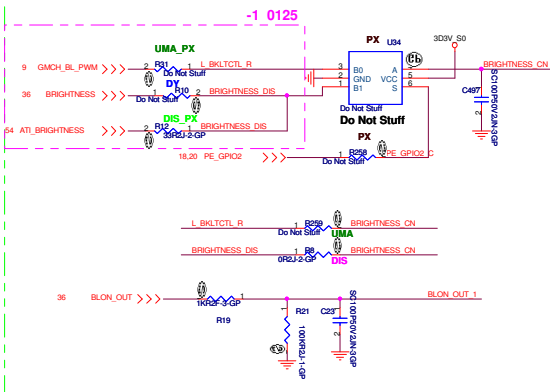


-1 0125



1026

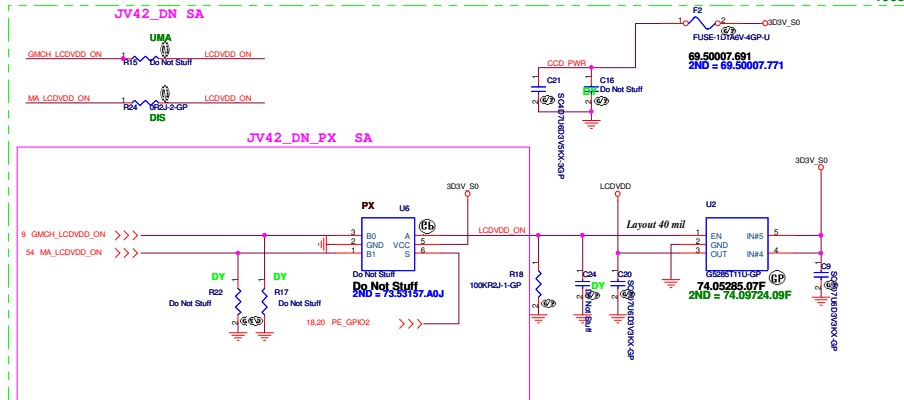
Reserve direct connector to KBC



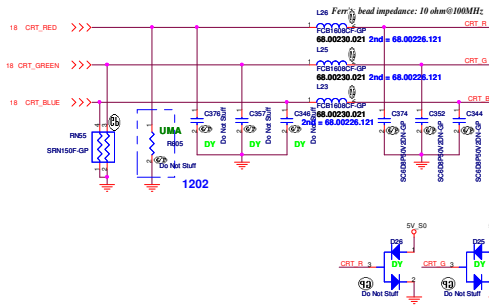
Discrete Medium Hybrid

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

LCD CONN			
Rev	Document Number	Rev	
Custom	JE40-DN	-3	
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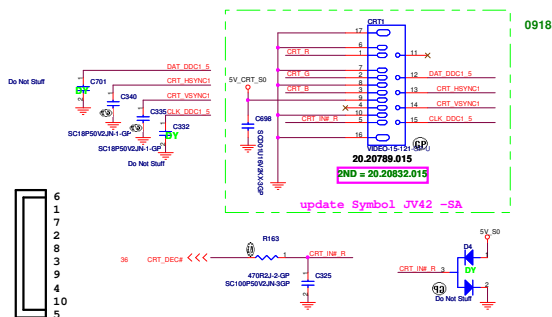


Design Note:
Please ensure connections
close to the CRT-conn
connector

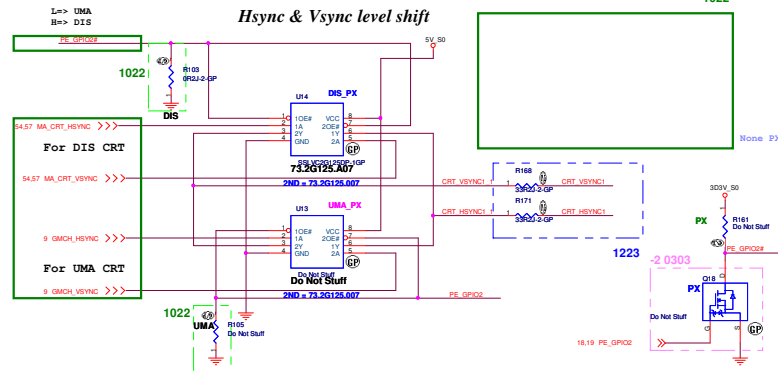


Layout Note:
* Must be a ground return path between this ground and the ground on the YGA connector.
Pi-filter & 150 Ohm pull-down resistors should be as close as to CRT CONN. RGB will hit 75 Ohm first, pi-filter, then CRT CONN.

CRT I/F & CONNECTOR



1012



0924

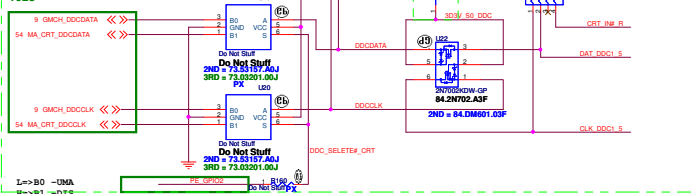
DDC_CLK & DATA level shift

Function Table

Input (S)	Function
L	B ₀ Connected to A
H	B ₁ Connected to A

H = HIGH Logic Level
L = LOW Logic Level

1023



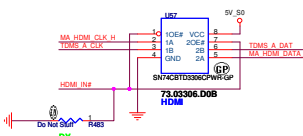
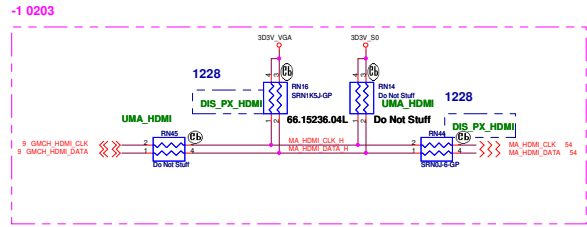
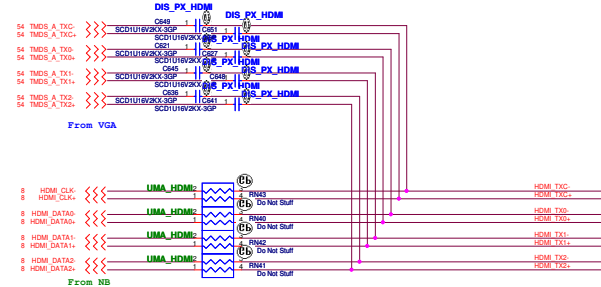
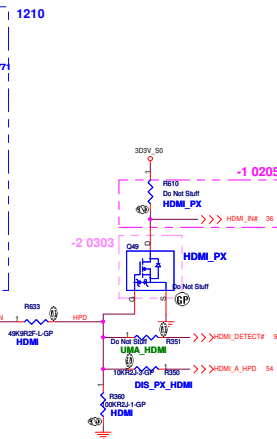
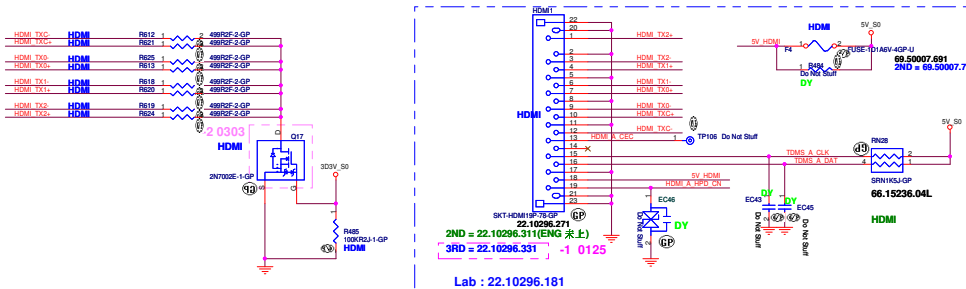
1023



Discrete Multichip Hybrid

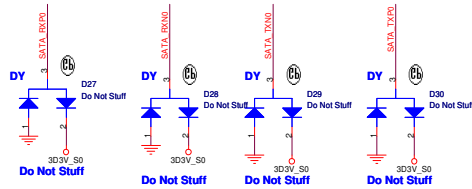
緯創資通 Wistron Corporation
2/F, 68, Sec.1, Hsin Tai Wu Rd., Hsinchu,
Taipei Hsin 301, Taiwan, R.O.C.

Doc
Document Number
CRT Connector
JE40-DN
Date: Friday, March 26, 2010
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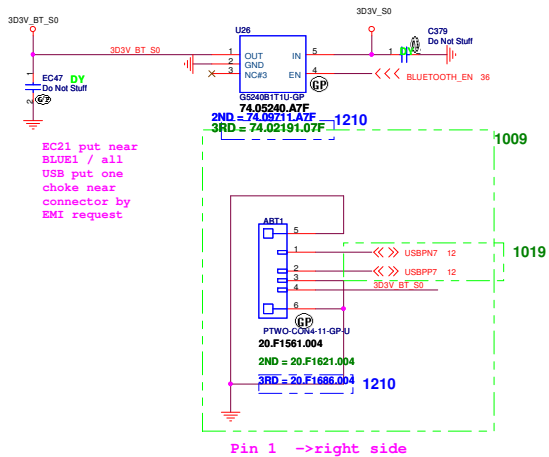
Discrete Medium Hybrid		Wistron Corporation	
21F, 8th, Sec 1, Hsin Tai Wu Rd., Hsinchu, Taiwan 30001, Taiwan, R.O.C.			
Doc		HDMI Connector	
Rev		JE40-DN	
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0923



BLUETOOTH MODULE

1.5A / High Active Voltage 2V



Discrete Madison Hynix

緯創資通

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

Title	BLUETOOTH
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Size	Document Number
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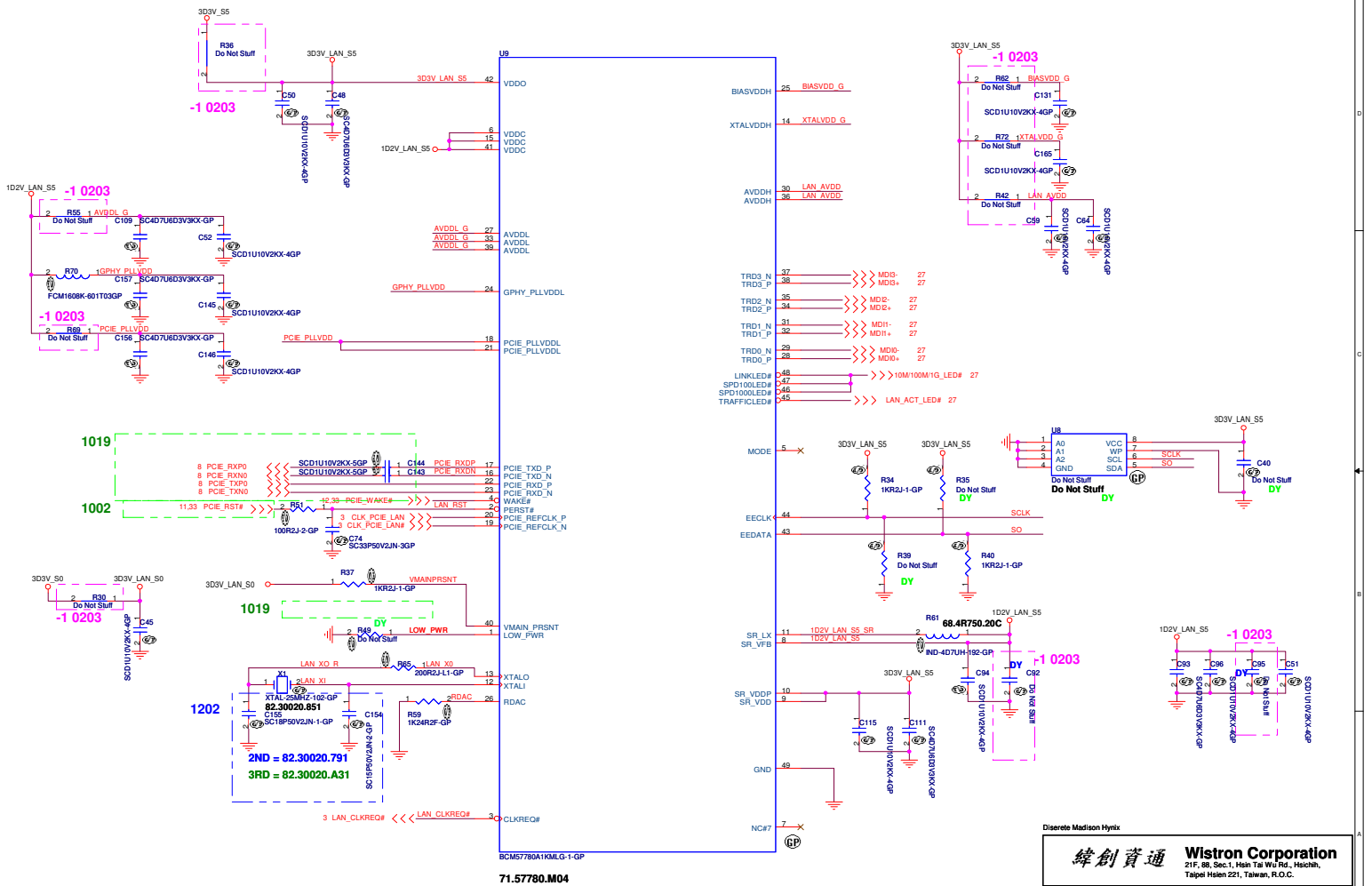
JE40-DN

Date: Friday, March 26, 2010

Sheet	24	of	63
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Rev

-3



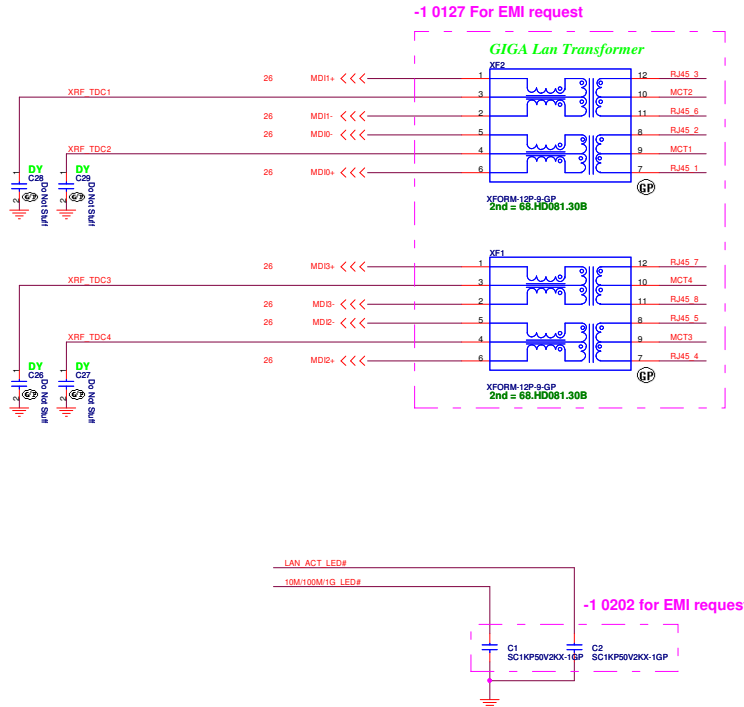
Discrete Madison Hyinx

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

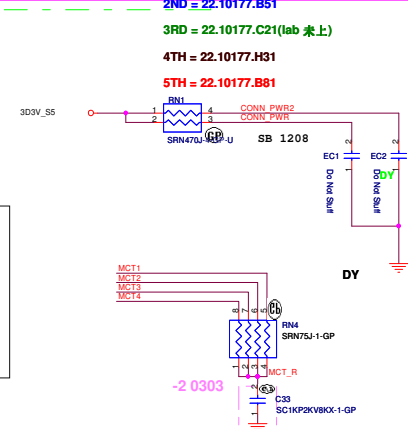
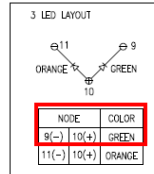
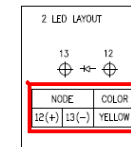
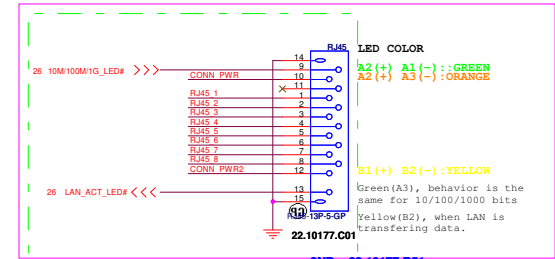
File		
BCM57780		
Size	Document Number	Rev
A3	JE40-DN	-3
Date: Friday, March 28, 2019		
Sheet 26 of 63		

LAN Connector

1. route on bottom as differential pairs.
2. Tx+/Tx- are pairs. Rx+/Rx- are pairs.
3. No vias, No 90 degree bends.
4. pairs must be equal lengths.
5. 6mil trace width, 12mil separation.
6. 36mil between pairs and any other trace.
7. Must not cross ground moat, except RJ-45 moat.



0923



Discrete Madison Hynb

緯創資通

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

Title

LAN CONN

Size

	Document Number
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JE40-DN

Date: Friday, March 26, 2010

Sheet 27 of 63

-3

[illegible]

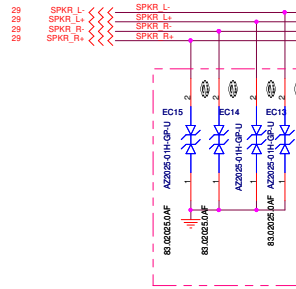
Title			
AUDIO AMP			
Size	Document Number		Rev
	JE40-DN		-3
Date:	Friday, March 26, 2010	Sheet 29 of	63

Internal Speaker

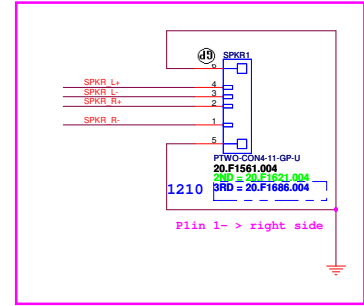
0914



0910



-1 0125 for EMI request

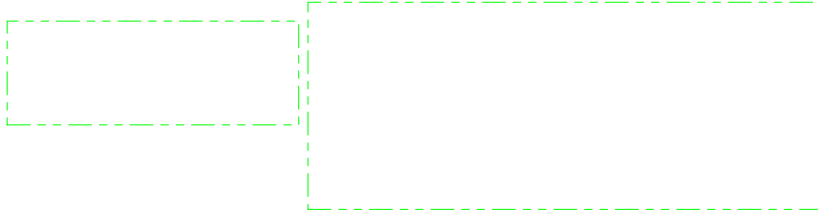


JV42-DN SA

0910

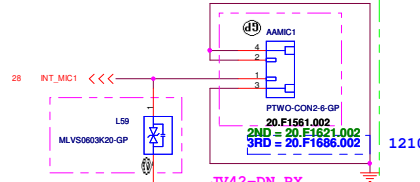
LINE OUT

0911



1016

Internal Mic



-1 0209 For MIC issue

JV42-DN PX
Pin 1- >right side
20.F1240.002 Pin1->left side
same as JV70-CP

1210

Discrete Madison Hyinx

緯創資通 Wistron Corporation
21F, 88, Sec 1, Hsin Tai Wu Rd., Hsinchu, Taiwan 300, Taiwan, R.O.C.

File		
Size	Document Number	Rev
AUDIO JACK		-3
JE40-DN		
Date:	Friday, March 28, 2019	Sheet 30 of 63

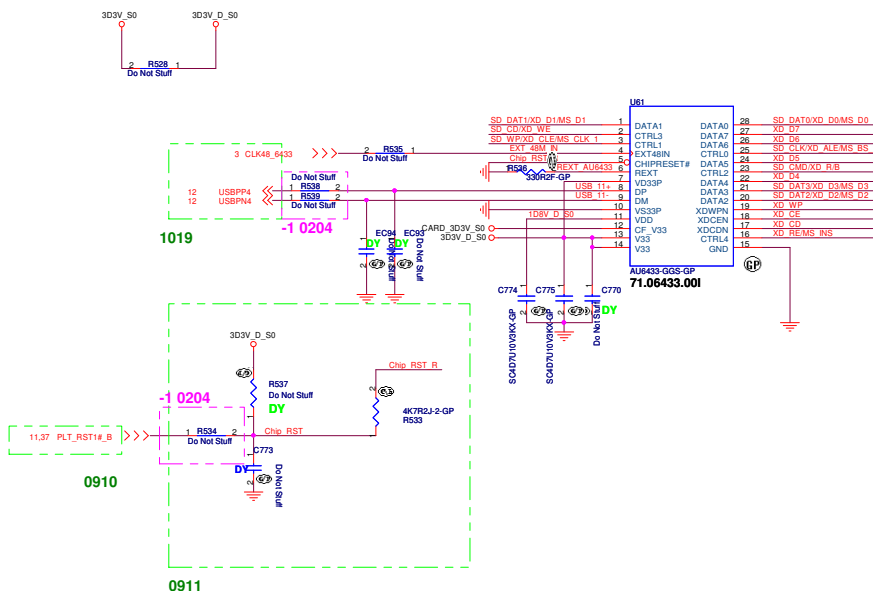
No Modem Function

Discrete Madison Hyrix

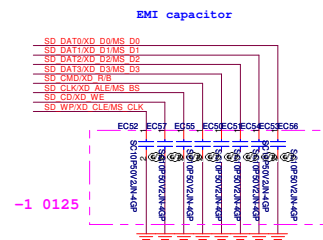
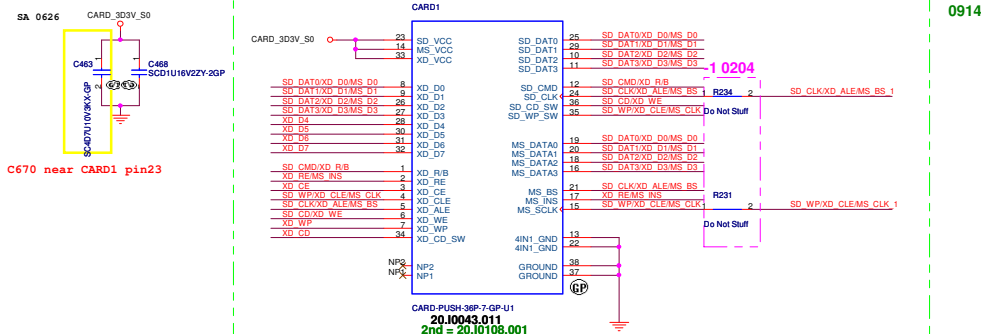
緯創資通

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

Title		MDC	
Size	Document Number	JE40-DN	Rev -3
Date: Friday, March 26, 2010		Sheet 31 of	63



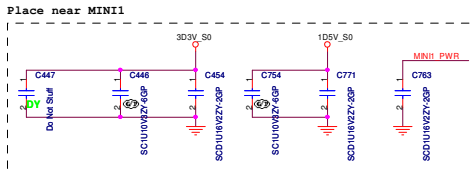
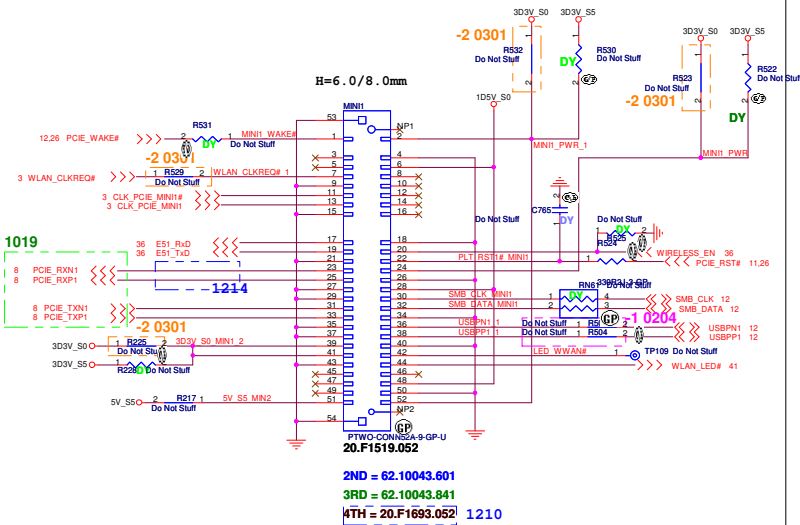
5 IN1 CARD-READER (SD/MMC/MS/MS PRO/XD)



Discrete Madison Hynix

 緯創資通		Wistron Corporation 21F, 88, Sec. 1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 321, Taiwan, R.O.C.	
Title			
CARDREADER			
Size	Document Number	Rev	
JE40-DN		-3	
Date:	Friday, March 26, 2010	Sheet	32 of 33

0923



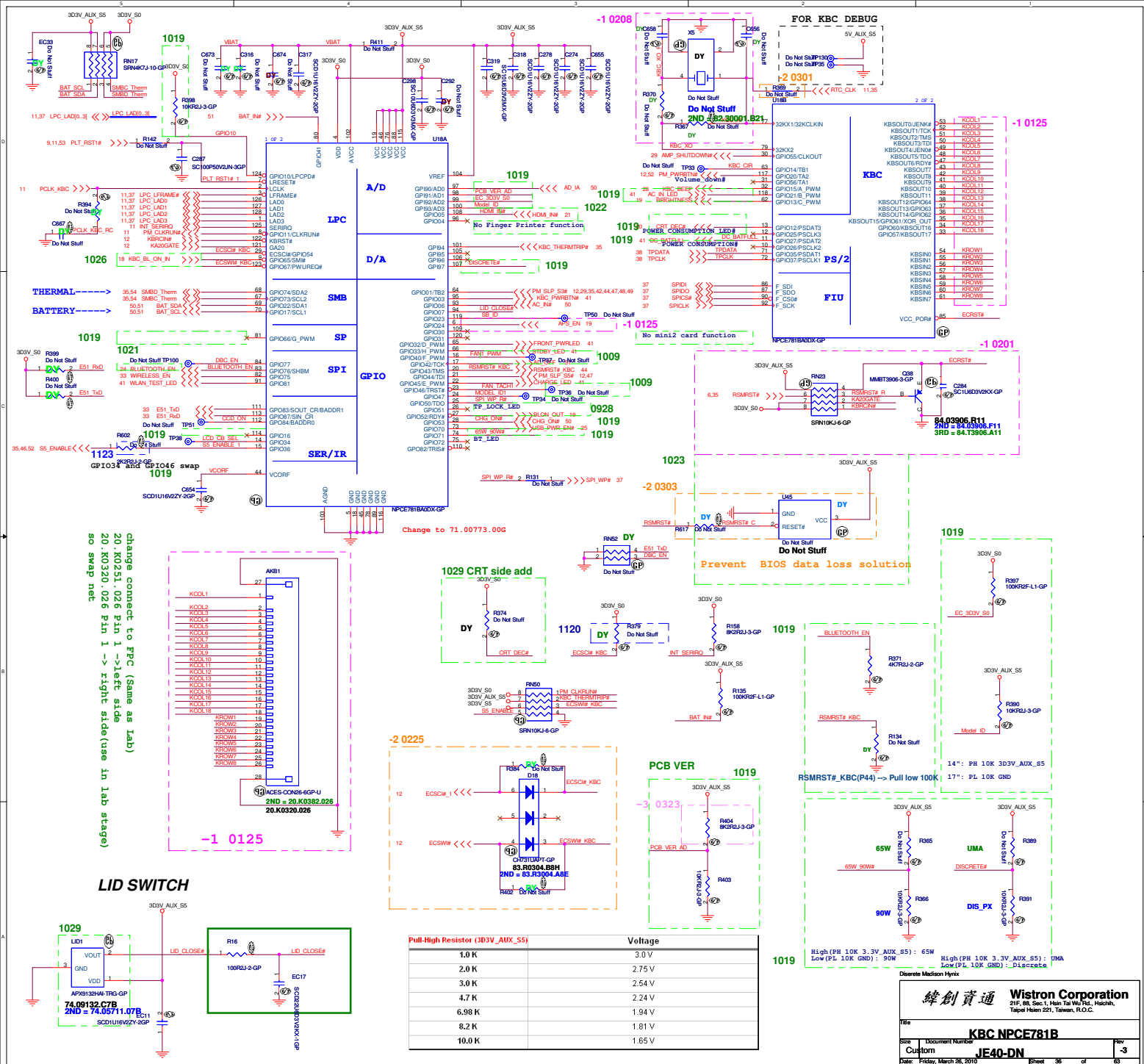
No Mini Card Function (Robson2 and 3G)

Discrete Madison Hylix		緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsien Tai Wu Rd., Hsichai, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
MINI CARD			
Size	Document Number	Rev	
JE40-DN		-3	
Date:	Friday, March 26, 2010	Sheet	33 of 63

No NEWCARD Function

Discrete Madison Hyinx

緯創資通		Wistron Corporation	
		21F, 88, Sec 1, Hsin Tai Wu Rd., Hsichih, Taippei Hsien 221, Taiwan, R.O.C.	
NEW CARD			
Size	Document Number		Rev
	JE40-DN		-3
Date:	Friday, March 26, 2010		Sheet 34 of 63



for ENE FAE suggest, SPICS# is push-pull pin,
don't need to pull high

base on FAE Kevin discuss with KBC

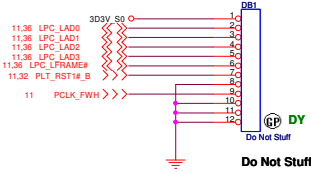
-1 0205
-2 0303

3rd 4th source LAB ENG未上

16M Bits
SPI FLASH ROM

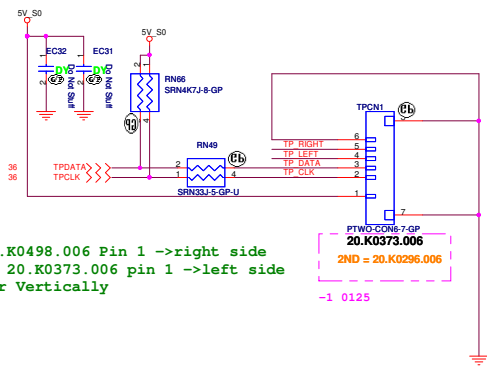
GOLDEN FINGER FOR DEBUG BOARD

11.36 LPC_LAD[0..3] <<> LPC_LAD[0..3]

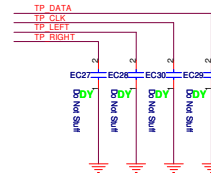


Discrete Madison Hynix

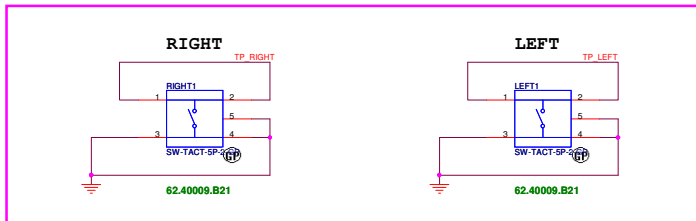
緯創資通		Wistron Corporation	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.			
File			
BIOS			
Size	Document Number	Rev	
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Date	Friday, March 26, 2010	Sheet	37 of 63



Eng stuff 20.K0498.006 Pin 1 -->right side
PD change to 20.K0373.006 pin 1 -->left side
so net mirror Vertically



-1 0205



No Finger printer Function

Discrete Madison Hynix

緯創資通

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

Title

Touch PAD

Size

A3

Document Number

JE40-DN

Rev

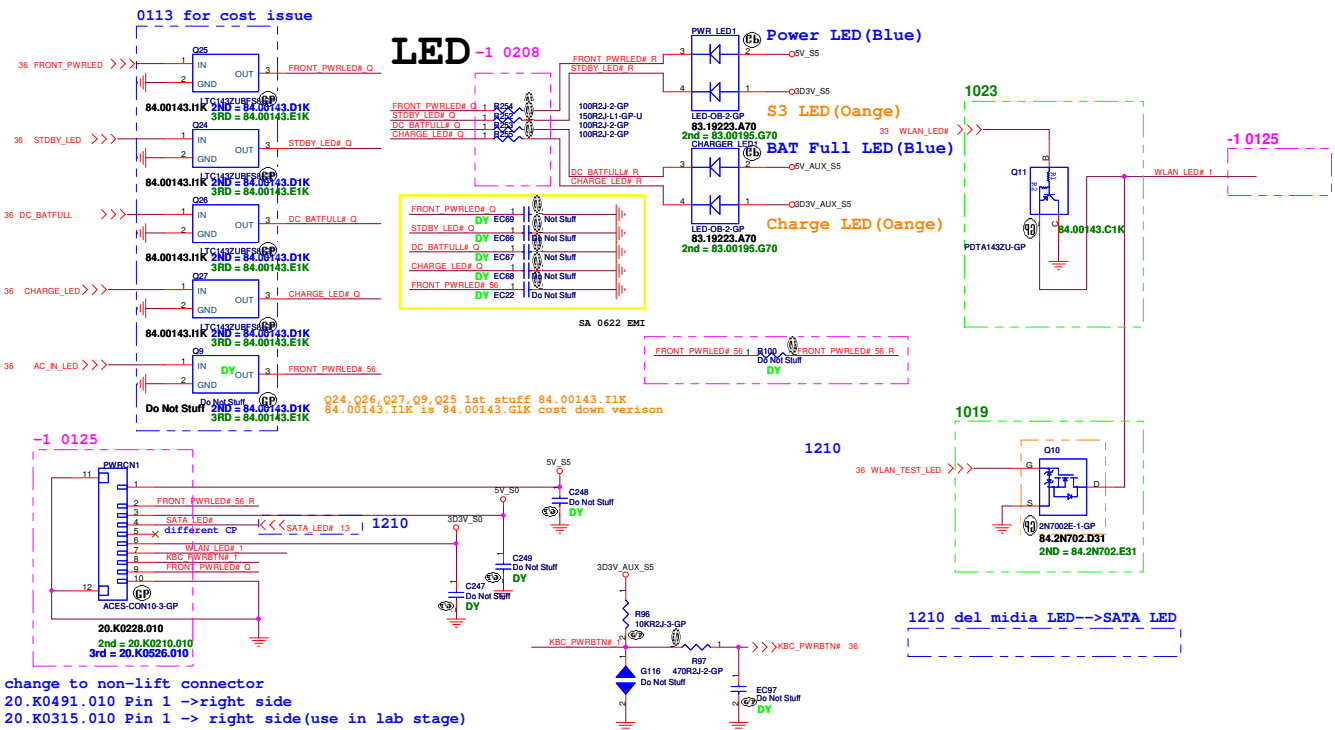
-3

Date: Friday, March 28, 2019

Sheet 38 of 63

NONE BOARD

緯創資通		Wistron Corporation	
		21F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
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NONE BOARD			
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Pin 1	5V_S5	
Pin 2	FRONT_PWRLED#_56_R	AC IN
Pin 3	5V_S0	
Pin 4	SATA_LED#	HDD
Pin 5	NA	
Pin 6	3D3V_S0	
Pin 7	WLAN_LED#_R	WLAN
Pin 8	KBC_PWRBTN#_1	Power button
Pin 9	FRONT_PWRLED#_Q	Power LED
Pin 10	GND	

緯創資通

Wistron Corporation

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File

LED

JE40-DN

Size

A3

Document Number

JE40-DN

Date

Friday, March 26, 2010

Sheet

41

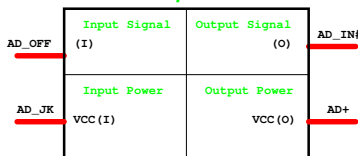
of

63

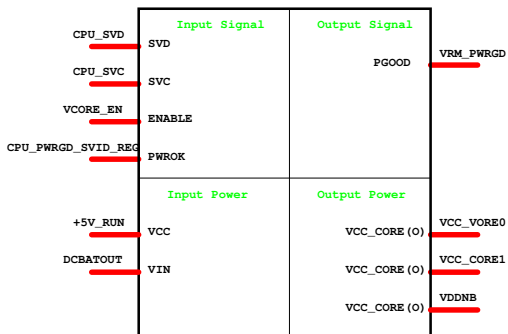
Rev

-3

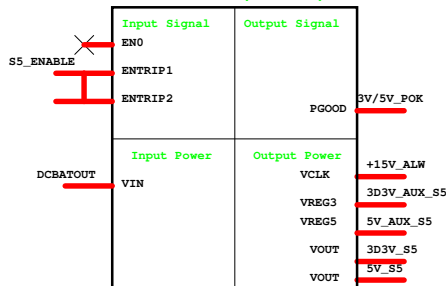
Adapter



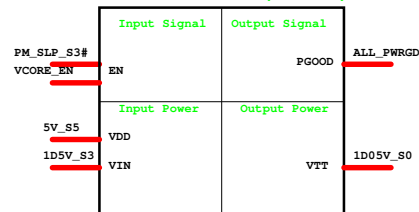
CPU_CORE ISL6265HRTZ



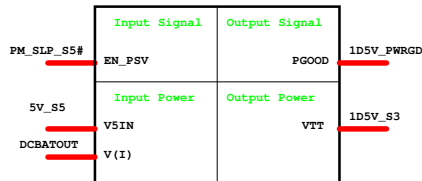
DCDC 5V/3D3V(RT8223)



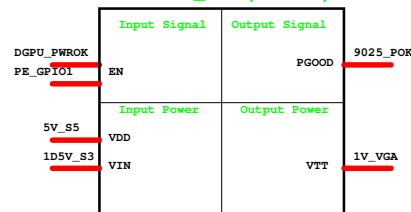
DCDC 1D05V_S0(RT9025)



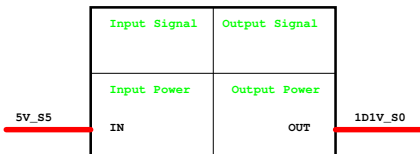
DCDC 1D5V(RT8209E)



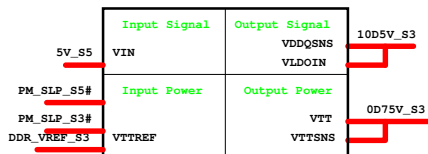
DCDC 1V_VGA(RT9025)



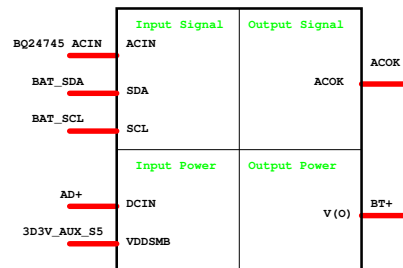
1D1V LDO RT8209E



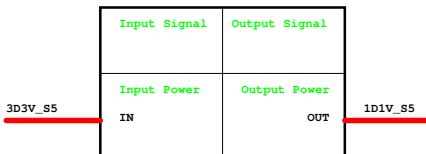
0D75V LDO RT9026



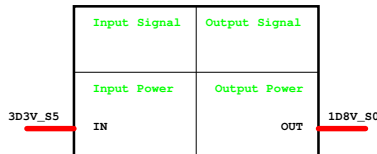
CHARGER BQ24745



1D1V LDO RT9025



1D8V LDO RT8015A



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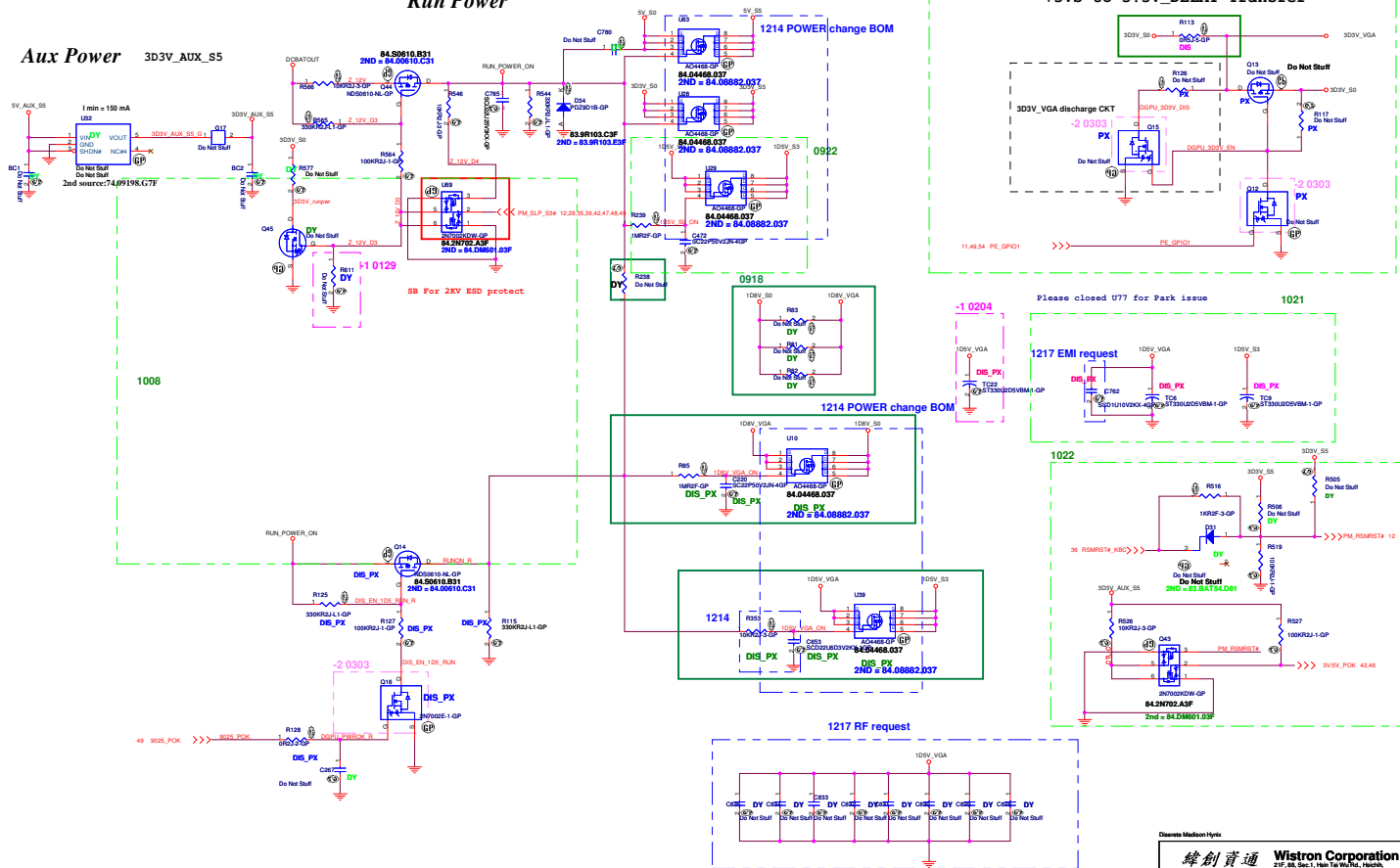
緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu,
Taippei Hsin 221, Taiwan, R.O.C.

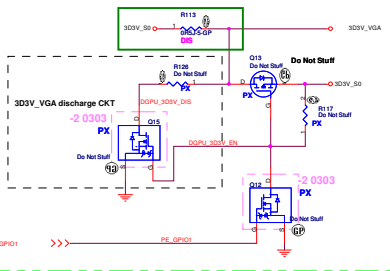
Power Block Diagram		
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Run Power

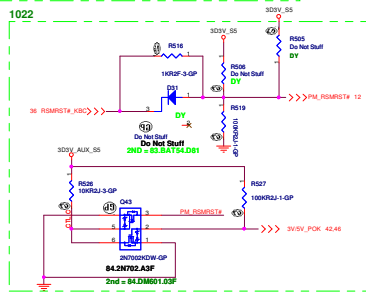
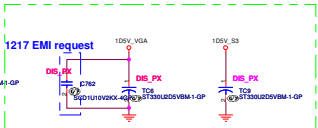
Aux Power 3D3V_AUX_S5

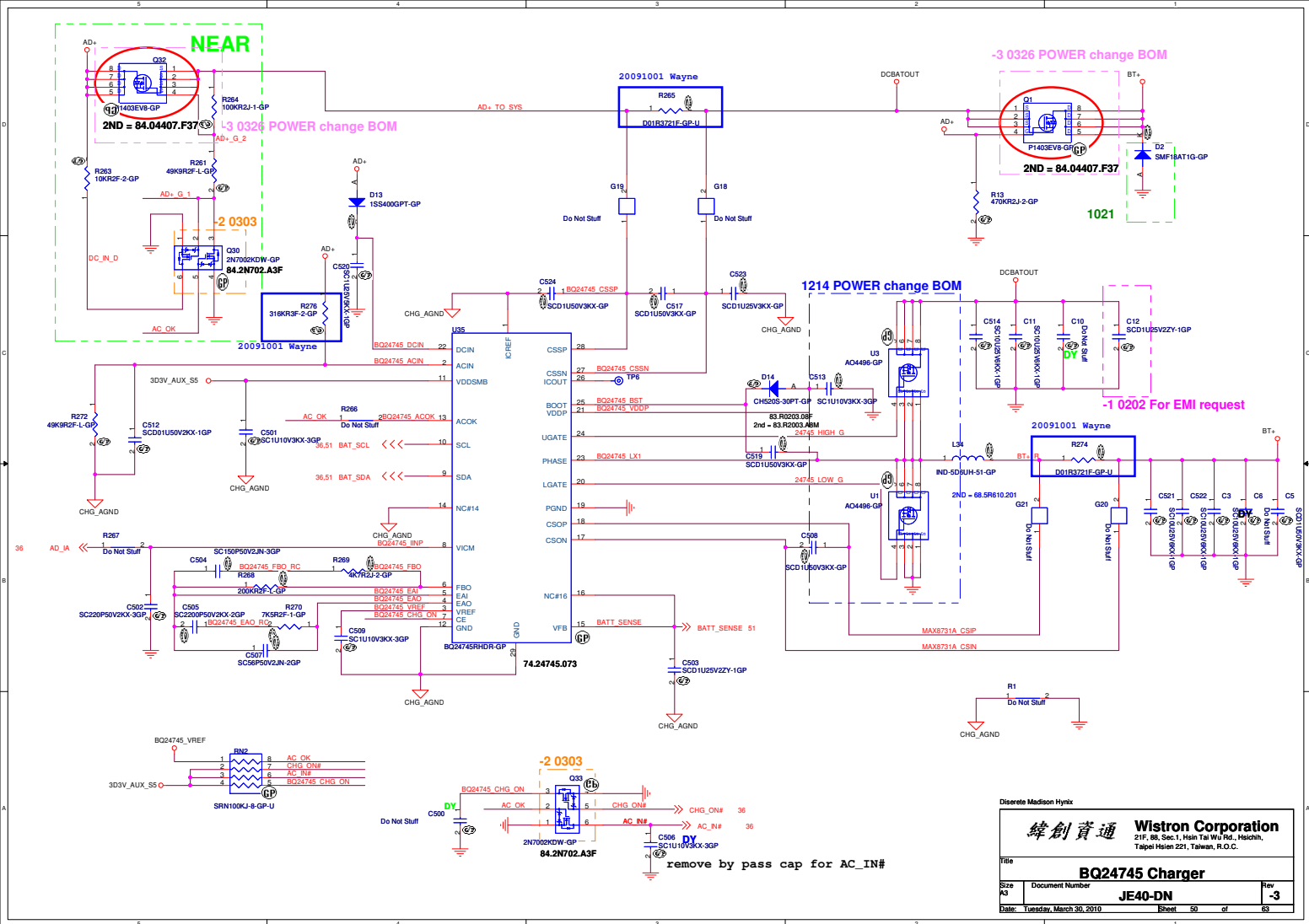


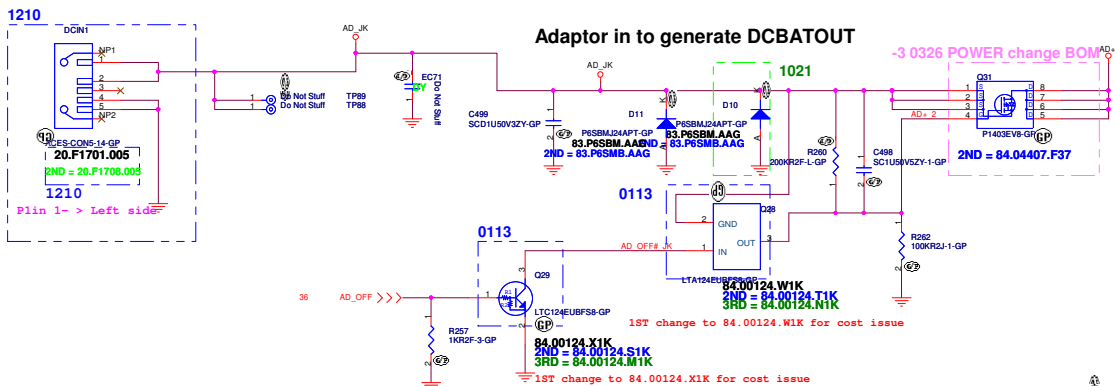
+3VS to 3.3V_DELAY Transfer

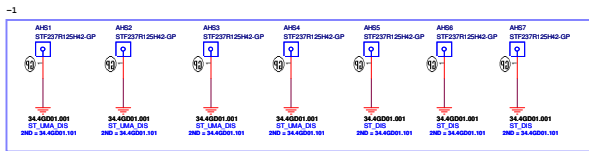
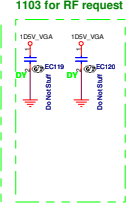
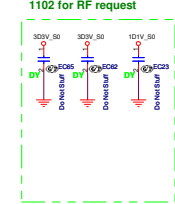
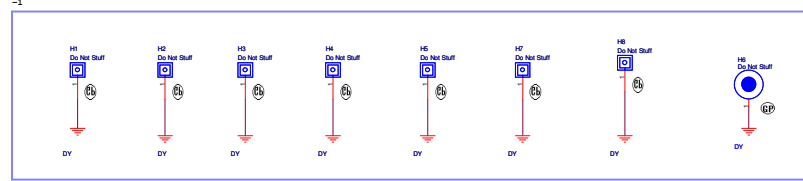
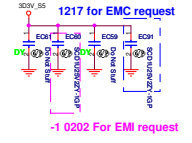
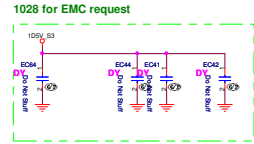
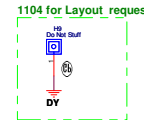
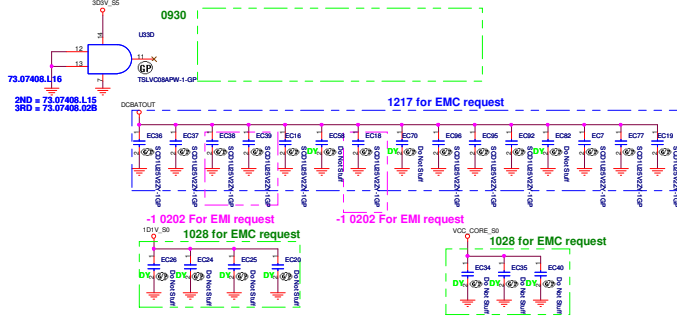


Please closed U77 for Park issue





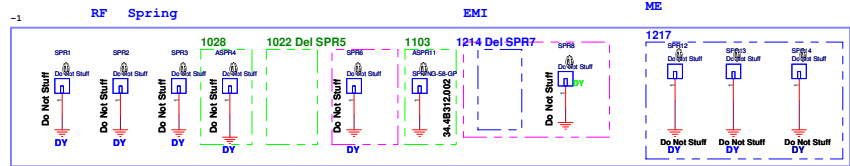


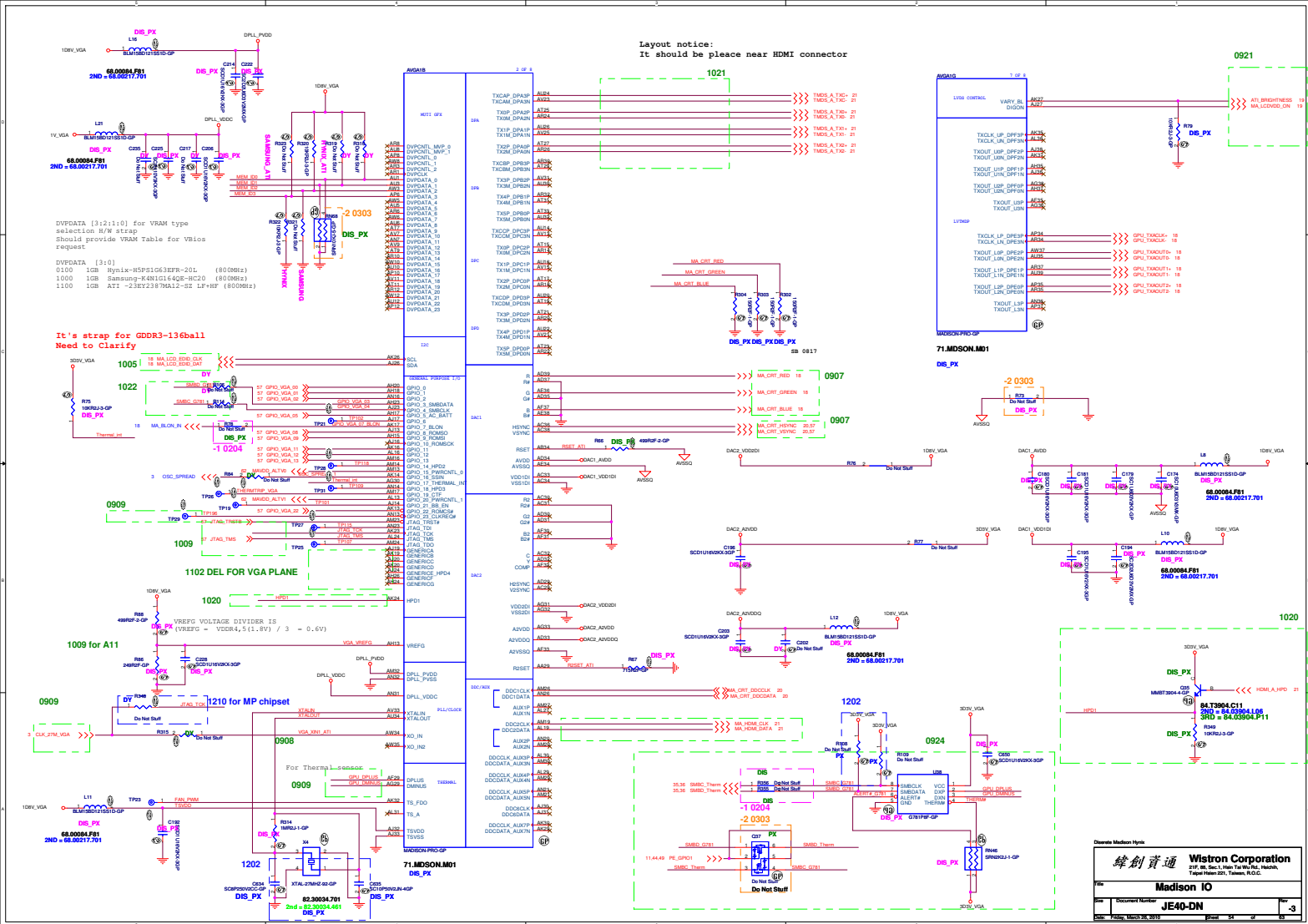


Check test point

- 303V_S0
- 303V_AUX_S5
- 303V_S5
- SV_S5
- 12.36 PM_POWER1W
- 4.11 CPU_POWER0
- 35.34.46 SS_DISABLE
- 6.11 CPU_LED_RSTA
- TP120
- TP125
- TP123
- TP122
- TP124
- TP127
- TP126
- TP128

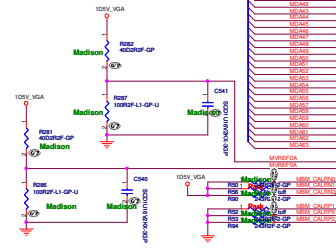
Test Point放在Dimm Door打開可量測處



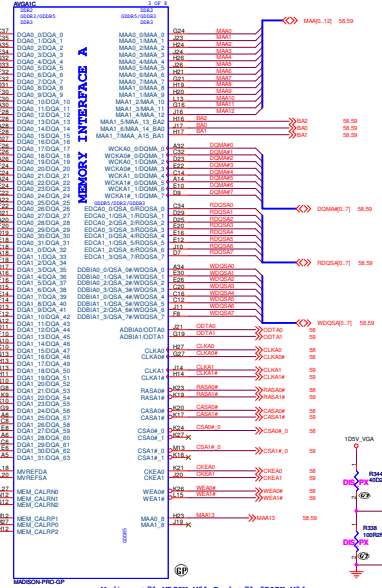


For SSTL-1.8/SSTL-2/DRI/GDDR1: 0.5 * VDDRI.
For DOR3/GDDR3/GDDR4/GDDR5: 0.7 * VDDRI.

DIVIDER RESISTORS	GDDR5	DOR3	DOR3
MYREF	1.5V	1.8/1.5V	1.5V
MYREF TO PWR	40.2R	50.2R	40.2R
MYREF TO GND	100R	100R	100R



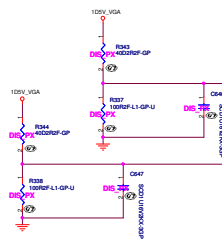
Madison: MEM_CALRP[0,2] signals are used
Park: MEM_CALRP1 and MEM_CALRP1 are used



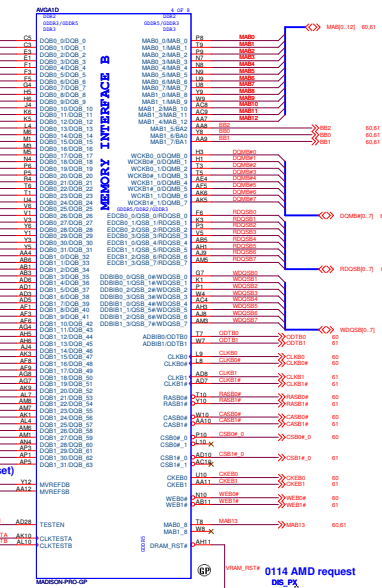
71.MDSON.M01

For SSTL-1.8/SSTL-2/DRI/GDDR1: 0.5 * VDDRI.
For DOR3/GDDR3/GDDR4/GDDR5: 0.7 * VDDRI.

DIVIDER RESISTORS	GDDR5	DOR3	DOR3
MYREF	1.5V	1.8/1.5V	1.5V
MYREF TO PWR	40.2R	50.2R	40.2R
MYREF TO GND	100R	100R	100R



0114 AMD request (for MP chipset)

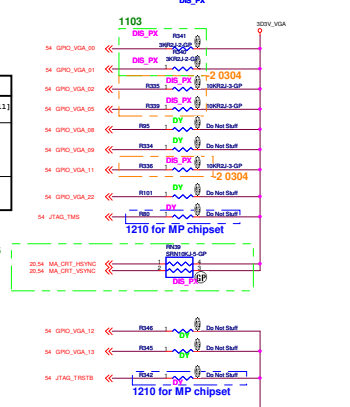


71.MDSON.M01

0114 AMD request

STRAPS	PIN	DESCRIPTION	RECOMMENDED SETTINGS S: DO NOT RETAIL RESISTOR R: RETAIL RESISTOR N: NOT APPLICABLE
TX_PWR_ENB (Internal PD)	GP100	FOR FULL TX OUTPUT SWING Transmitter Power Savings Enable = 50k Tx output swing = Full Tx output swing	X
TX_DEEMP_EN (Internal PD)	GP101	Transmitter De-emphasis Enable = 5k Tx de-emphasis disabled = 7k Tx de-emphasis enabled	X
RESERVED	GP108	RESERVED	0
BIF_VGA_DIS	GP109	VGA ENABLED	0
RESERVED	GP1021	RESERVED	0
BIOS_ROM_EN	GP1022_ROMCS	ENABLE EXTERNAL BIOS ROM	0
VIP_DEVICE_STRAP_ENA (Internal PD)	GP1013,12,11	SERIAL ROM TYPE OR MEMORY APERTURE SIZE SELECT If BIOS_ROM_EN=1, then Config[3:0] Defines the ROM type If BIOS_ROM_EN=0, then Config[3:0] Defines the primary memory aperture size	X X X
RSVD	V2SYNC		0
RSVD	R2SYNC		0
AUD[1] AUD[0] (Internal PD)	VGA_HSYNC VGA_VSYNC	AUD[1:0] 0:No audio function 1:Audio for DisplayPort and HDMI (1 if adapter is detected) 10:Audio for DisplayPort only 11:Audio for both DisplayPort and HDMI	X X

AMD RESERVED CONFIGURATION STRAPS			
ALLOW FOR PULLED PADS FOR THESE STRAPS AND IF THESE GPIOs ARE USED, THEY MUST NOT CONFLICT DURING RESET			
R2SYNC, GENERRIC, GPIO2, GPIO21			
If BIOS_ROM_EN (GPIO22) = 0		If BIOS_ROM_EN (GPIO22) = 1	
Size of the primary memory aperture	GPIO(13,12,11)	Manufacturer	Part Number
128MB	x000	ST	M25P05A
256MB	x001	Microelectronics	M25P10A
512MB	x010		M25P20
1GB	x011		M25P40
2GB	x012		M25P80
4GB	x013		
		Chingis (Formerly PMC)	PH25LV012A PH25LV010A



Designator	For M97-M2	For Mannheim
R_MEM_1	10K	10K
R_MEM_2	40R/Short	51R
R_MEM_3	DY	DY
C_MEM	2.2nF	68pF

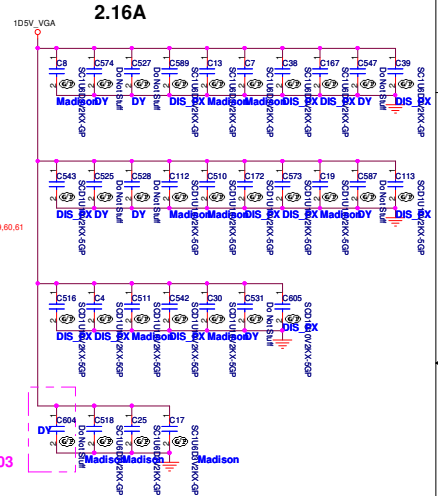
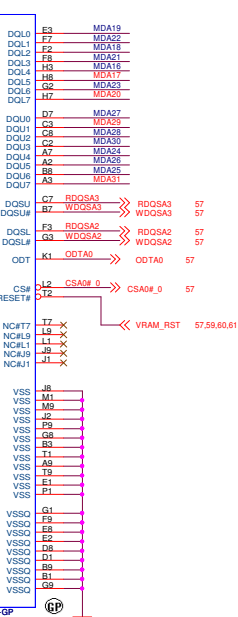
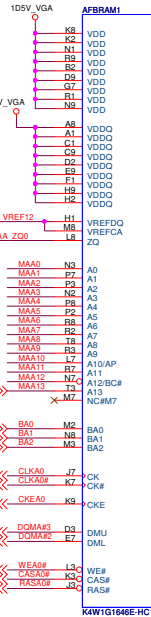
Wistron Corporation
217 St. Louis, MO 63103, USA
Tape/Pack: 021, Taiwan, R.O.C.

Madison Memory / Straps

JE40-DN

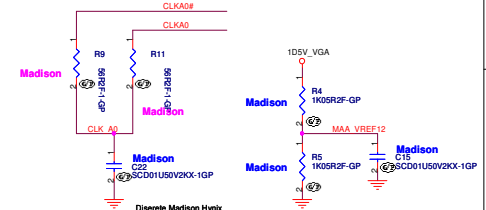
3

DDR3



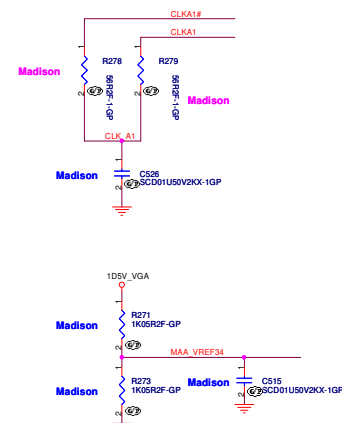
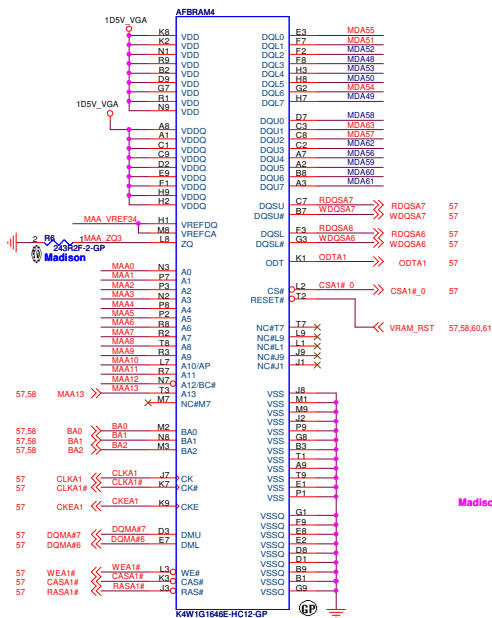
SAMSUNG: 72.41164.H0U
HYNIX: 72.51G63.C0U

72.59 DQMA#(0..7) <<>>
72.59 RDQSA(0..7) <<>>
72.59 WDQSA(0..7) <<>>
72.59 MAA(0..12) <<>> MAA(0..12)
72.59 MDA(0..63) <<>> MDA(0..63)



緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsin 221, Taiwan, R.O.C.		
VRAM(1/4)		
JE40-DN	Rev 3	Date: Friday, March 28, 2010

2.41164.H0U
2.51G63.C0U



Discrete Madison Hynix

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

Title			
VRAM(2/4)			
Size A3	Document Number		Rev
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DDR3

AFBANK0

105V_VGA

105V_VGA

MAB_VREF12

MAB_ZQ1

DIS_PX

MAB0_N3

MAB1_P7

MAB2_P3

MAB3_N2

MAB4_P6

MAB5_P2

MAB6_P8

MAB7_P2

MAB8_T8

MAB9_P3

MAB10_L7

MAB11_P7

MAB12_N2

MAB13_T3

CS#

RESET#

NC#17

NC#18

NC#19

NC#20

NC#21

NC#22

NC#23

NC#24

NC#25

NC#26

NC#27

NC#28

NC#29

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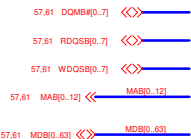
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NC#361

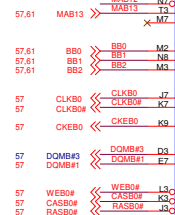
NC#362

NC#363

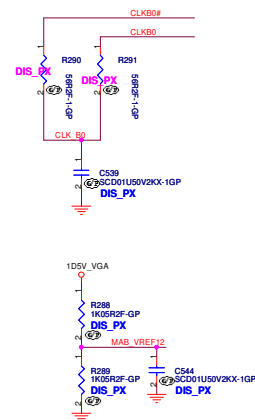
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72.41164.H0U



DIS_PX
72.41164.HOU



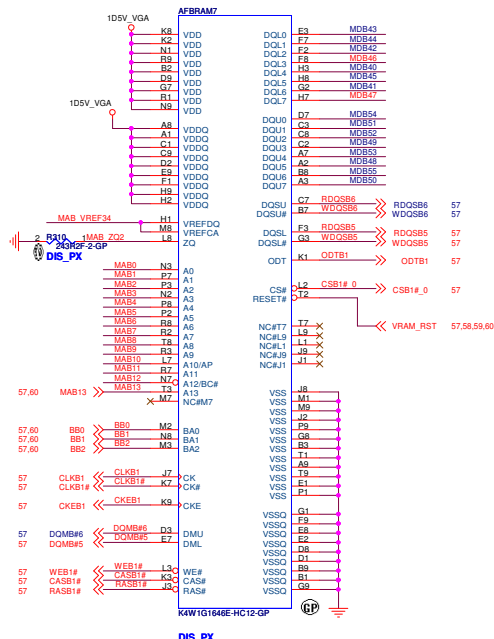
Discrete Madison Hynix

緯創資通

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

Title			
VRAM(3/4)			
Size	Document Number	Rev	
A3	JE40-DN	-3	
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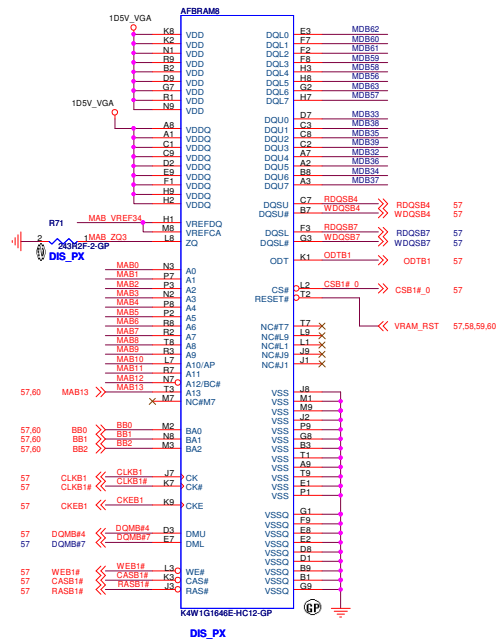
DDR3



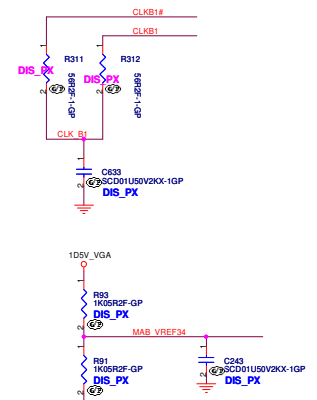
DIS_PX

72.41164.H0U

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SAMSUNG: 72.41164.H0U
HYNIX:   72.51G63.C0U
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72.41164.H0U



Discrete Madison Hynix

緯創資通

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Title

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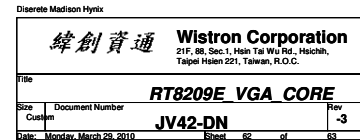
VRAM(4/4)

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	A	B	C	D	E
	NB RS780-->RS880M 71.RS780.M02-->71.RS880.M02				
	BOM 1st -> All SKU				
4	SB SB820M-1-GP 71.SB820.00U-->71.SB820.M03				
	SATA_CALRP A11: 80歐姆 1% resistor to GND A12: TBD歐姆 1% resistor to GND				
	SATA_CALRN A11:A11: 931歐姆 1% resistor to VDDAN_11_SATA A12: TBD歐姆 1% resistor to VDDAN_11_SATA.				
3	VGA Madison--> PN:71.MDSON.M01 Park--> PN:71.0PARK.M04				
	R250 Madison-->R250 64.32425.6DL R402H16 32K4R2F Park -->R250 64.32425.6DL R402H16 32K4R2F PX -->R250 64.32425.6DL R402H16 32K4R2F				
	VRAM Samsung-->VRAM FBRAM1~8 PN:VR.1GB0B.006 Hynix--> VRAM FBRAM1~8 PN:VR.1GB0G.004 ATI--> VRAM FBRAM1~8 PN: VR.1GB0T.002				
2	CRT UMA-->L1-->2R 0603 C62-->47U/6.3V DIS-->L1-->Bead(L1 68.00217.711 L1608-UH38 SBK160808T-221Y-N-GP) C62-->DY PX--> 133 歐姆 (R58 63.10334.1DL R402H16 133R2F-GP)				
	R605(MAD/PARK/PX) Madison-->R605 64.15005.6DL R402H16150R2F-L-GP Park -->R605 64.15005.6DL R402H16150R2F-L-GP PX -->R605 64.15005.6DL R402H16150R2F-L-GP				
1	HDMI UMA -->R612 R613 R618 R619 R620 R621 R624 R625 64.71505.6DL R402H16715R2F-2-GP				
	R432(MAD/PARK) Madison-->15KR2F 64.15025.6DL Park-->R432 64.68115.6DL R402H16 6.81KR2F				
	A	B	C	D	E

Discrete Madison Hynix

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NOTE

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Date: Monday, March 29, 2010

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