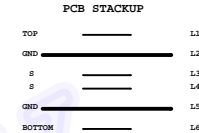
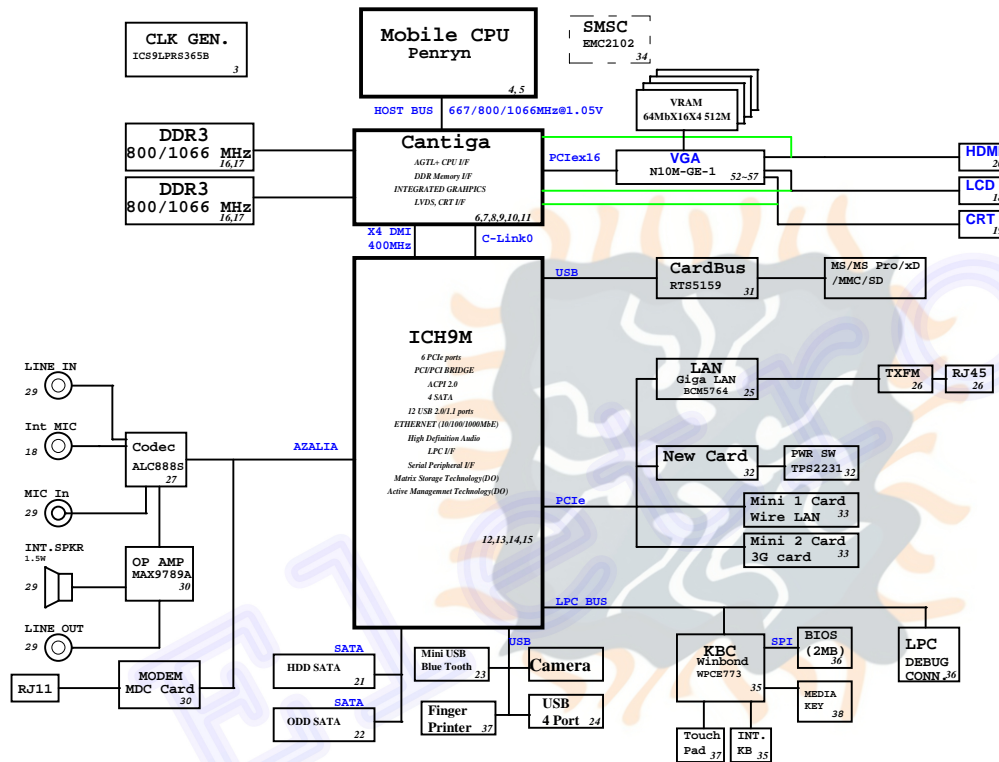
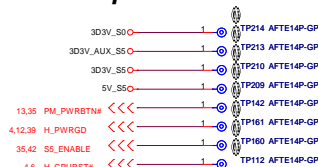


Project code: 91.4CG01.001
 PCB P/N : 48.4CG01.0SA
 REVISION : 08245-SA



SYSTEM DC/DC		42
INPUTS	OUTPUTS	
DCRATOUT	5V_5S1 (6A) 3DV5_5S1 (7A) 5V_AUX_5S 3DV5_AUX_5S	
SYSTEM DC/DC		43
INPUTS	OUTPUTS	
DCRATOUT	1DD5V_5S1 (9A) 1DD5V_5S1 (12A)	
RT9026		44
1DD5V_5S1	1DD5V_5S1 (1.2A)	
RT9018		44
1DD5V_5S1	1DD5V_5S1 (2A)	
TPS51117		45
DCRATOUT	PRVDD (4A)	
CHARGER		47
INPUTS	OUTPUTS	
DCRATOUT	BT+	
CPU DC/DC		41
INPUTS	OUTPUTS	
DCRATOUT	VCC_CORE (3A)	
VGA_CORE		47
INPUTS	OUTPUTS	
DCRATOUT	VGA_CORE (1.5A)	
GFXCORE		46
INPUTS	OUTPUTS	
DCRATOUT	VCC_GFXCORE (7A)	

Check test point



Test Point放在Dimm Door打開可量測處

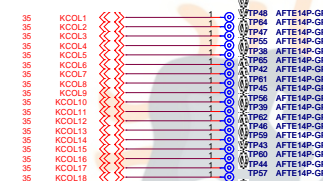
SPKR_L1 Conn. Test Point keep on connector side



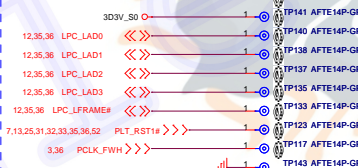
FAN1 Conn. Test Point keep on connector side



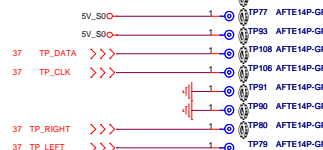
KB1 Conn. Test Point keep on connector side



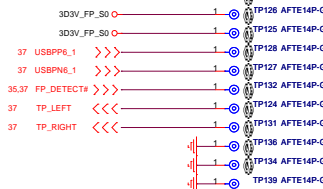
DB1 Conn. Test Point keep on connector side



TPCN1 Conn. Test Point keep on connector side



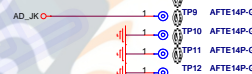
FPCN1 Conn. Test Point keep on connector side



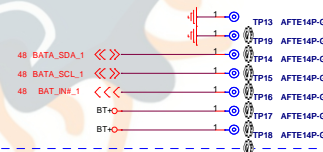
PSCN1 Conn. Test Point keep on connector side



DCIN1 Conn. Test Point keep on connector side



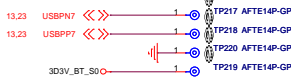
TPCN1 Conn. Test Point keep on connector side



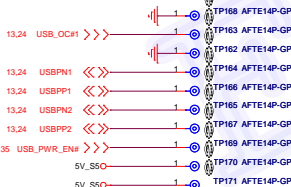
AMIC1 Conn. Test Point keep on connector side



BT1 Conn. Test Point keep on connector side



USBCN1 Conn. Test Point keep on connector side



SPKR_R1 Conn. Test Point keep on connector side



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Title

AFTE TP

Size

Document Number

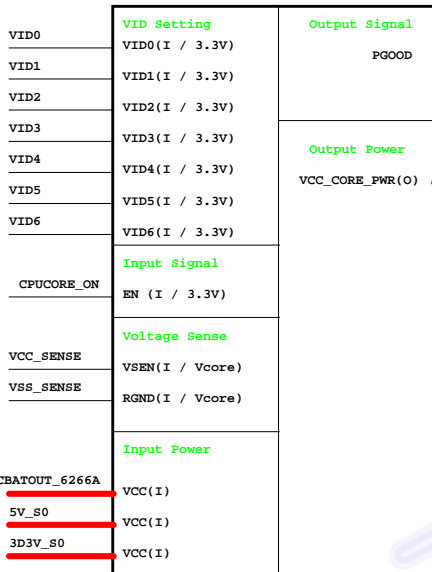
JV50

Date: Thursday, January 08, 2009

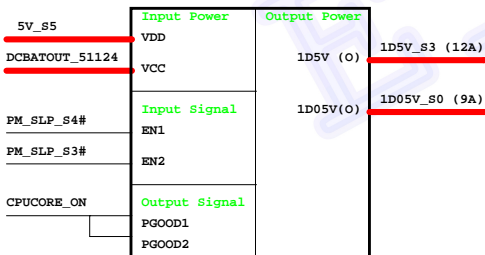
Sheet 51 of



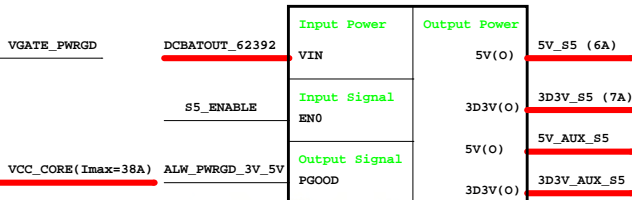
CPU_CORE ISL6266A



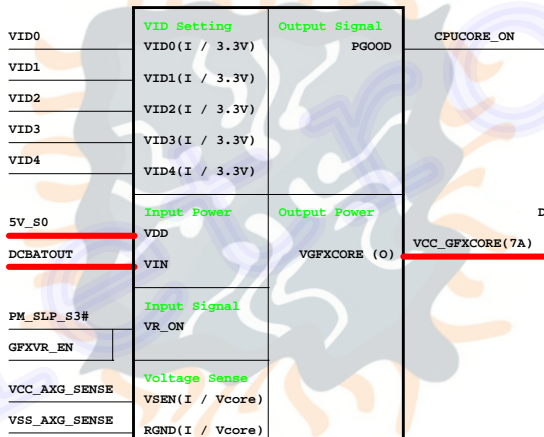
TPS51124 1D8V/1D05V



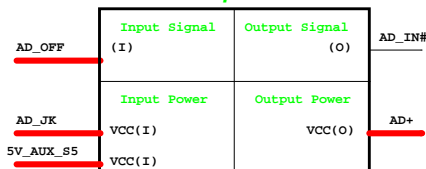
ISL62392 5V/3D3V



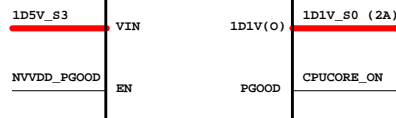
GFX_CORE ISL6263A



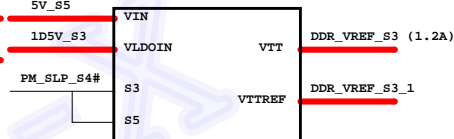
Adapter



RT918A 1D1V S0



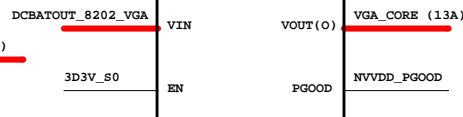
RT9026 DDR_VREF_S3



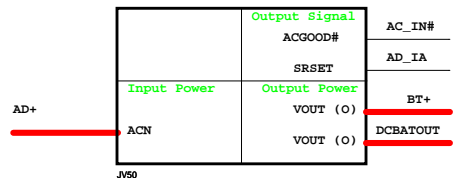
TPS51117 FBVDD



RT8202A VGA CORE



Charger ISL88731A



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Power Sequence Logic
JV50

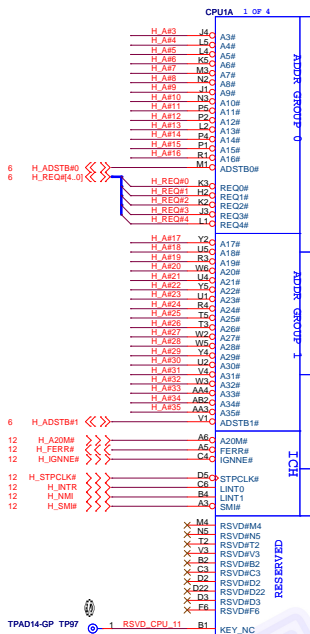
File
Size B
Document Number
Date: Thursday, January 08, 2009
Sheet 40
Rev SB
60

Eletro-X

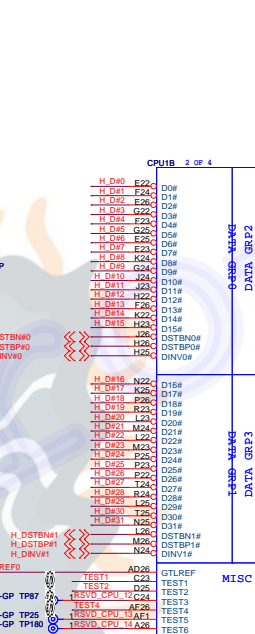
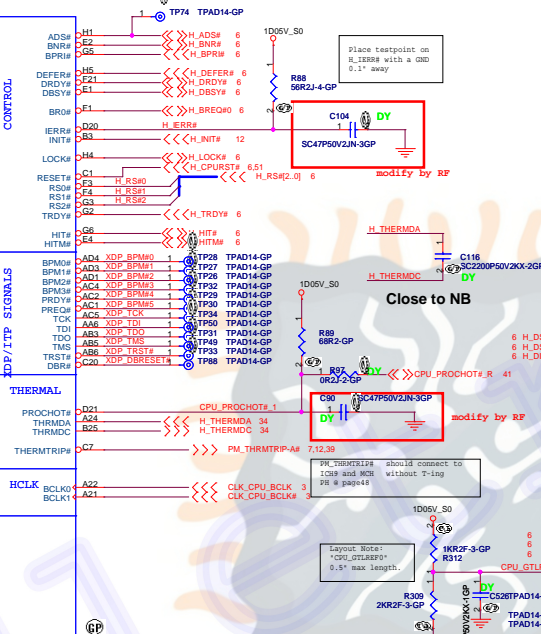


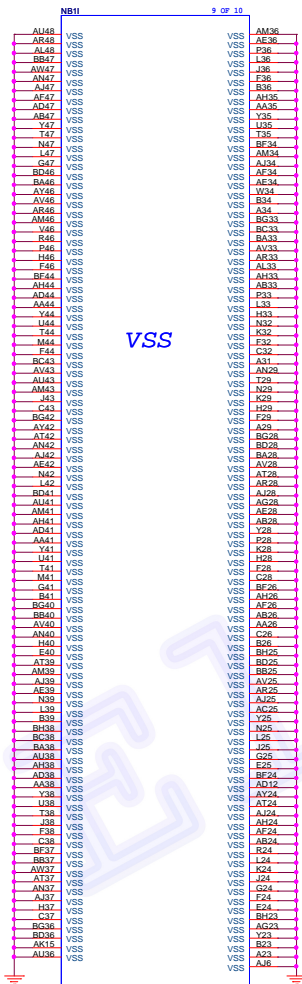
Title		LED&POWERBD CONN	
Size	Document Number		
	JV50		
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6 H_AH[35..3] <<> H_AH[35..3]

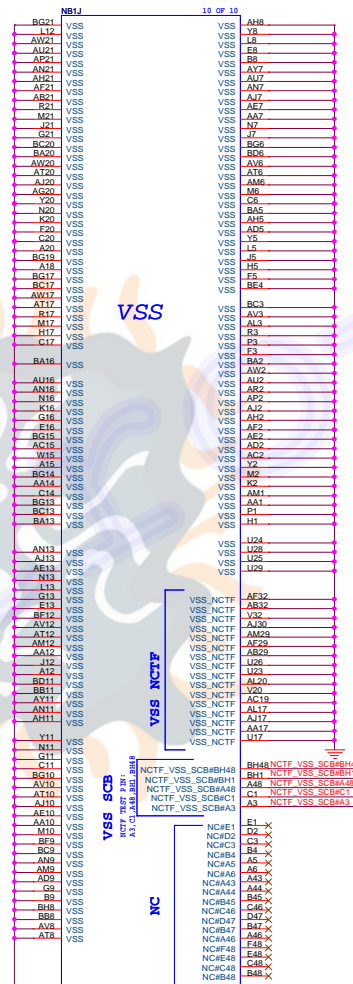


TPAD14-GP TP97 1 RSVD CPU1 B1
BGA79-SKT6-GPU7
62.10079.001
2nd = 62.10053.401





CANTIGA-GM-GP-U-NI
71.CNTIG.00U



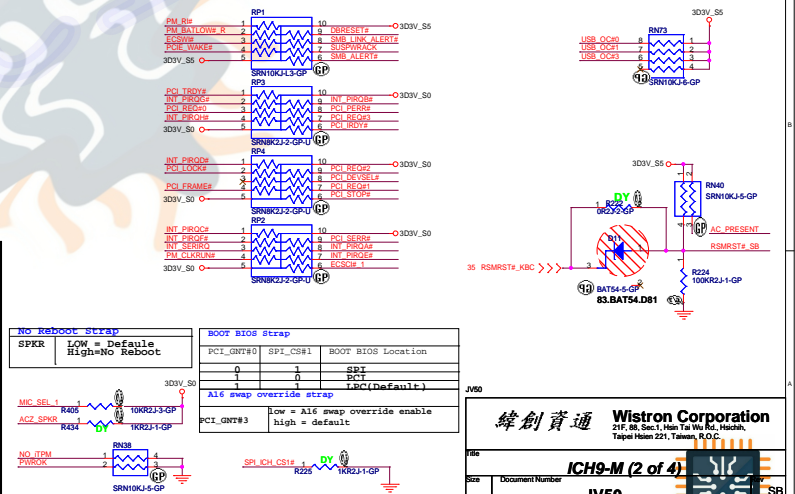
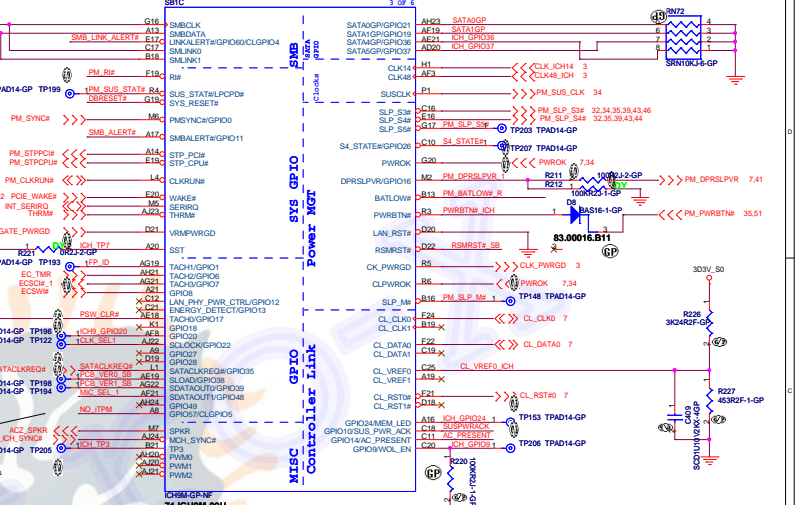
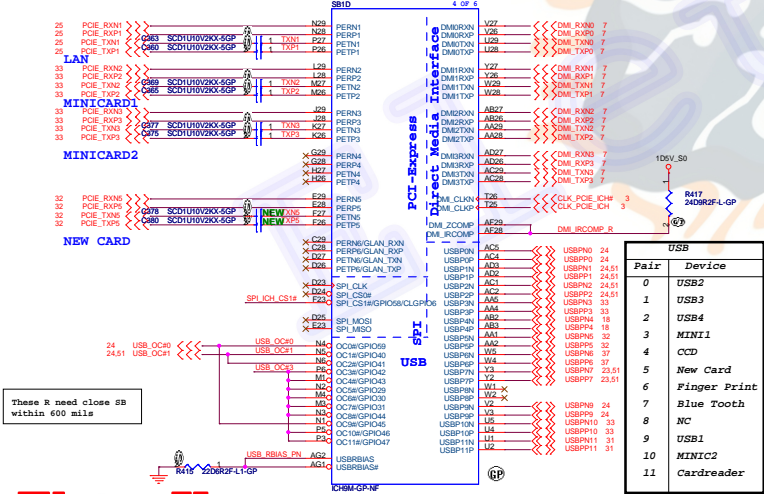
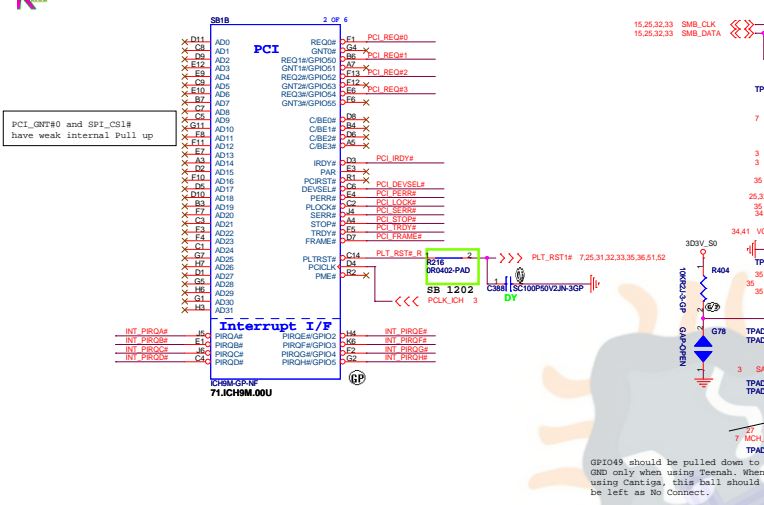
71.CNTIG.00U

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Title **Cantiga (6 of 6)**





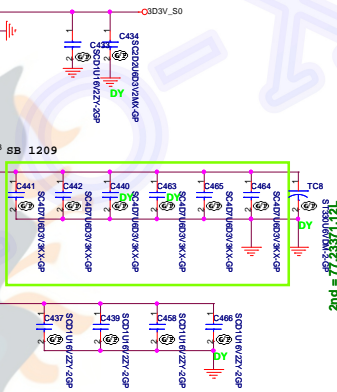


ICH9M-GP-NF
71.ICH9M.00U



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	JV50
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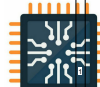


NORMAL TYPE

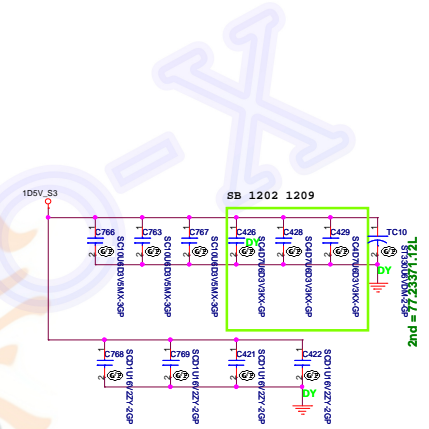
2nd = 77.23371.12L
ST300UEVDM-2-GP

The schematic shows a power plane connection for a DDR memory bank. A net labeled `DDR_VREF_S3_1` is connected to two decoupling capacitors, `C460` and `C461`. Both capacitors are connected to ground. The value for `C460` is specified as `2x22uFDC3175KX-1-GP`, and the value for `C461` is `SCD1U16V2ZY-2GP`.

Eleto-X



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Layout Note : Near Pin 1

High 5.2 mm



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Title			
DDR3 Socket2			
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27,51 INT_MIC1 <<

SB 1202

modify by RF

Title		LCD CONN	
Size	Document Number		
	JV50		
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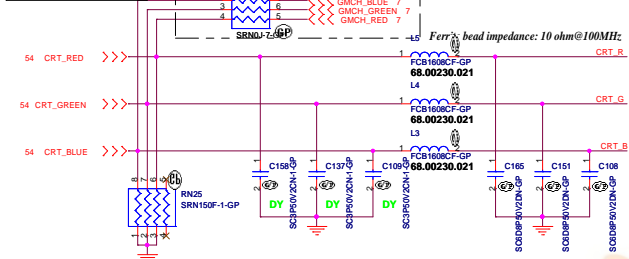
緯創資通 **Wistron Corporation**
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LCD CONN

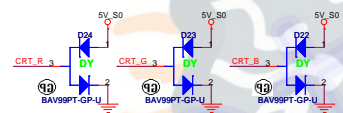
JV50

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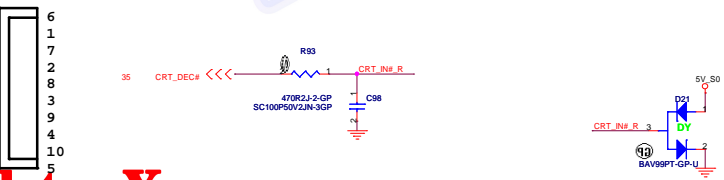
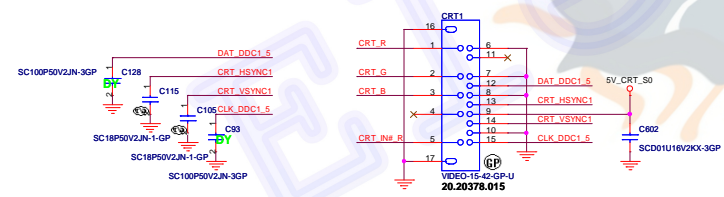
Layout Note:
Place these resistors
close to the CRT-out
connector



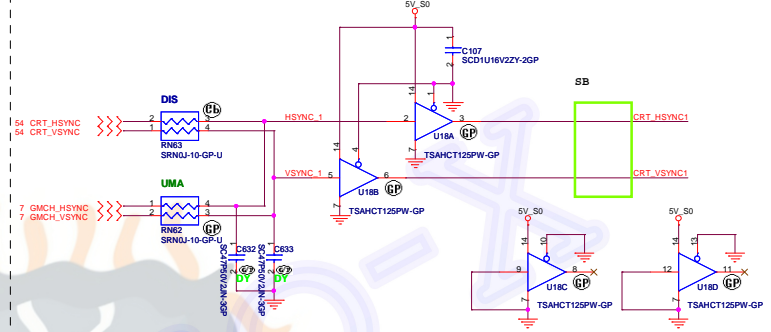
Layout Note:
* Must be a ground return path between this ground and the ground on the VGA connector.
Pi-filter & 150 Ohm pull-down resistors should be as close as CRT CONN. RGB will hit 75 Ohm first, pi-filter, then CRT CONN.



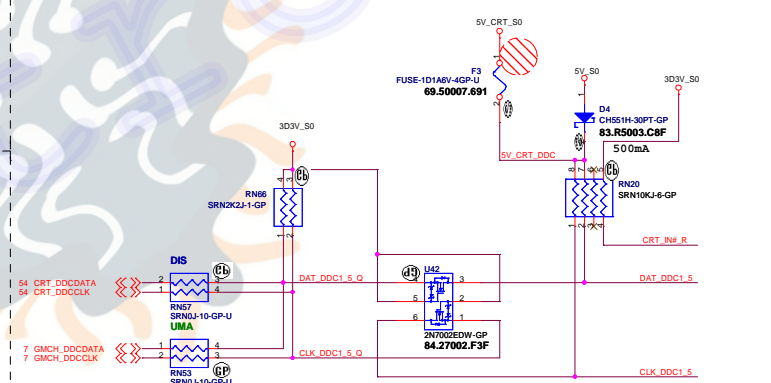
CRT I/F & CONNECTOR



Hsync & Vsync level shift



DDC_CLK & DATA level shift

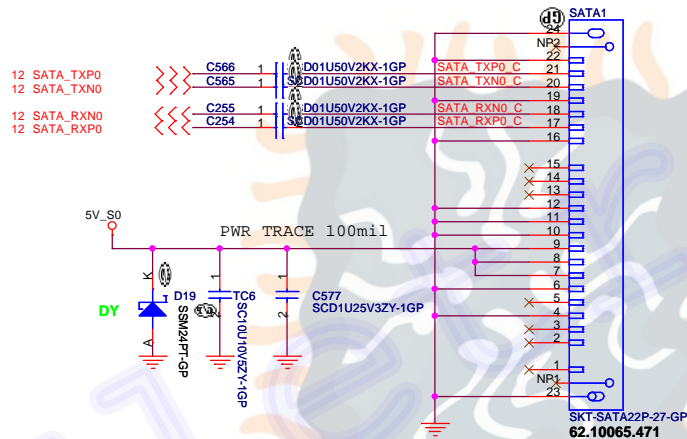


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Title	CRT CONN
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SATA Connector



JV50

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Title

HDD CONN

Size

Document Number

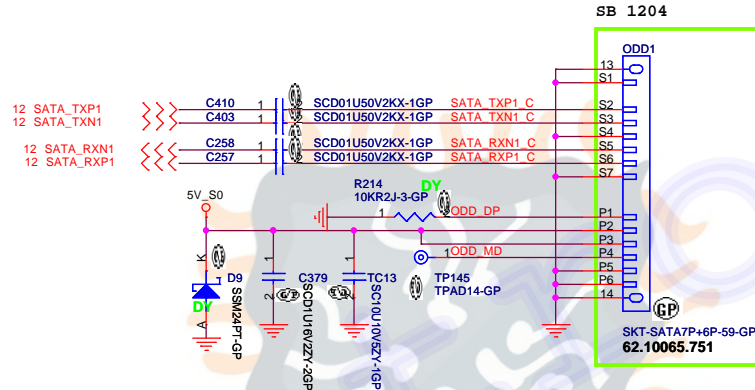
JV50

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ODD Connector



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Title

ODD

Size

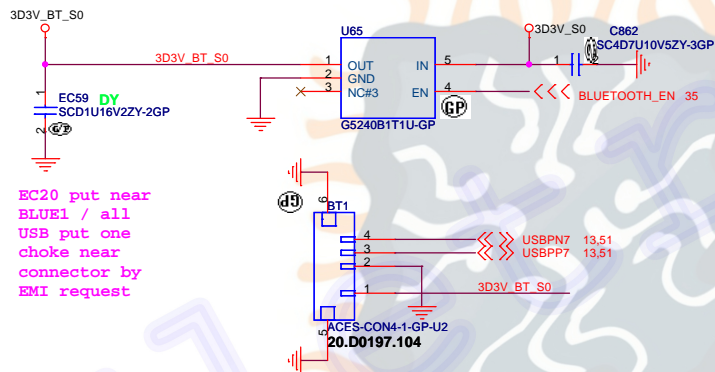
Document Number

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[illegible]

EC20 put near
BLUE1 / all
USB put one
choke near
connector by
EMI request

		Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title			
BLUETOOTH			
Size	Document Number		
	JV50		RA SB
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緯創資通

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Taipei Hsien 221, Taiwan, R.O.C.

Title

BLUETOOTH

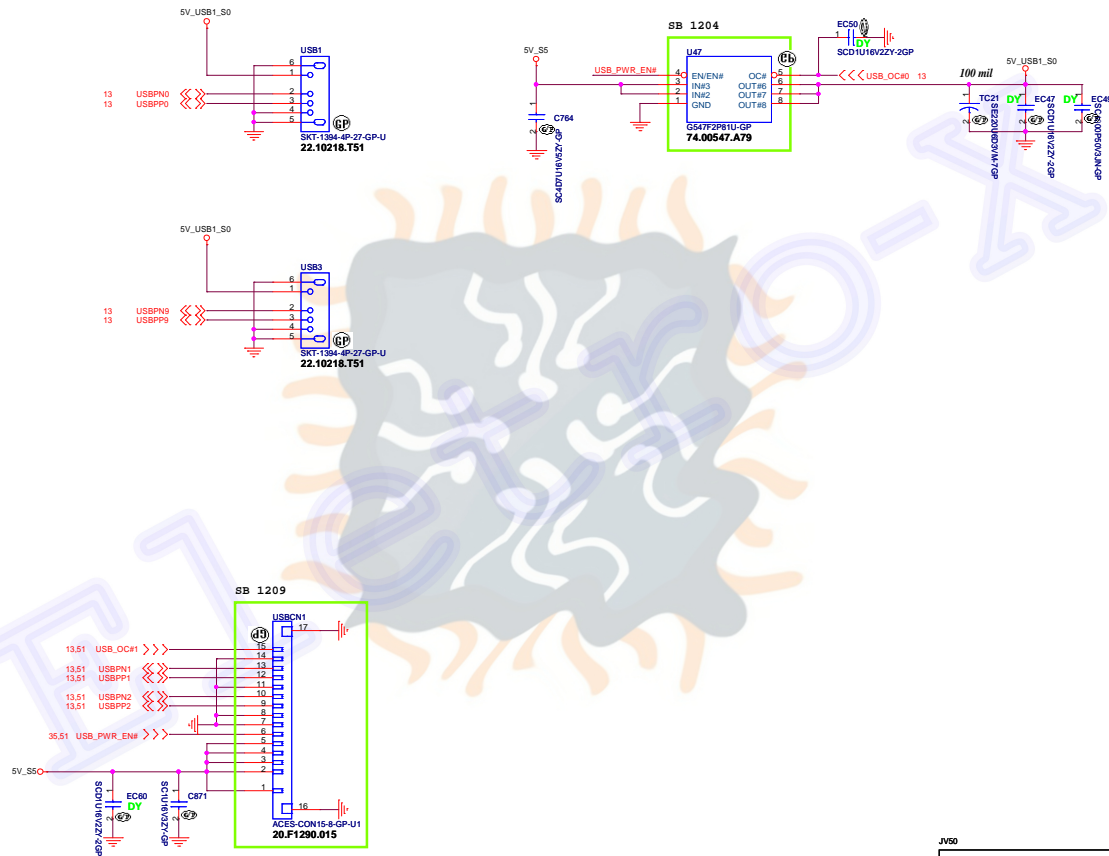
Size

Document Number

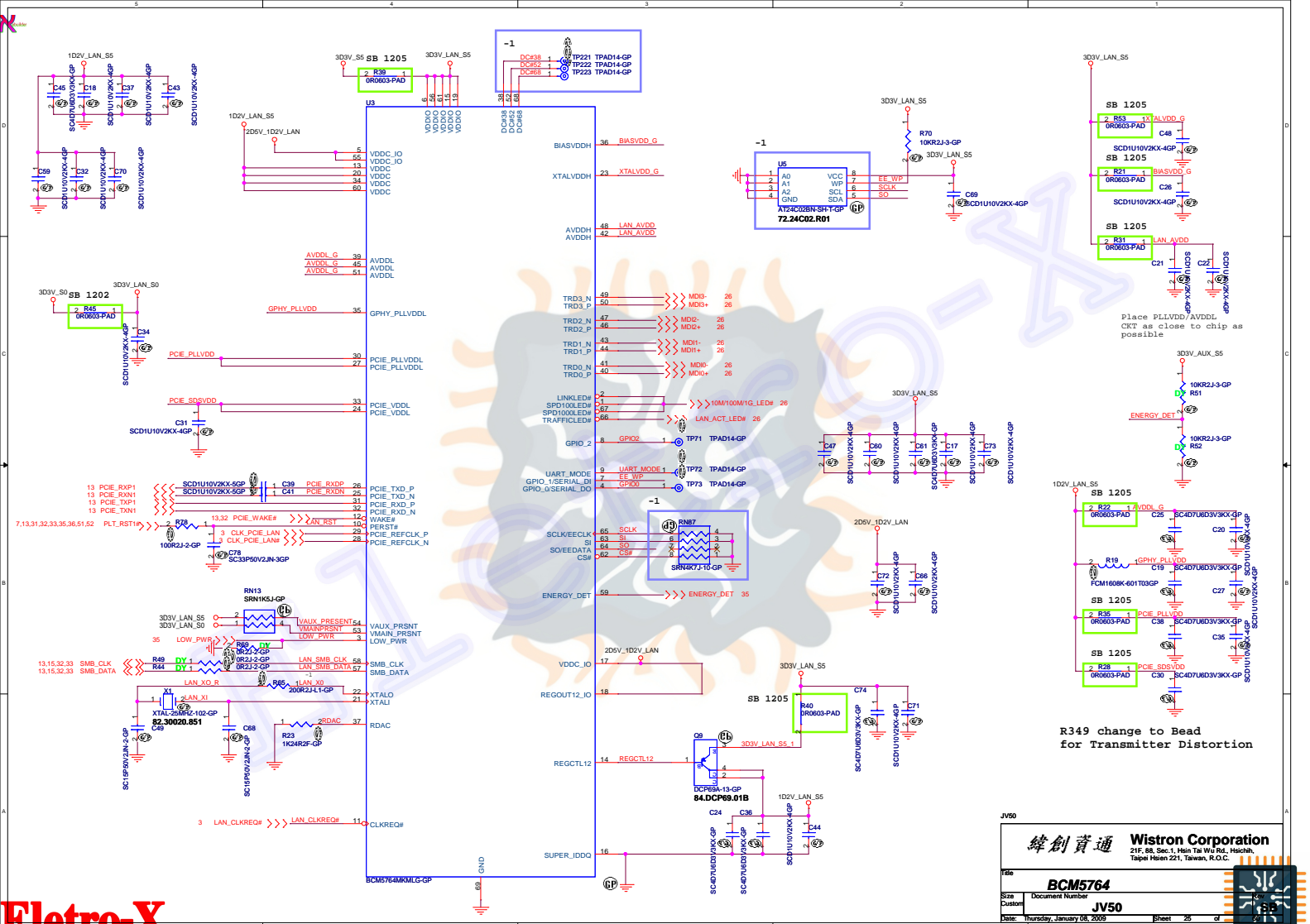
JV50

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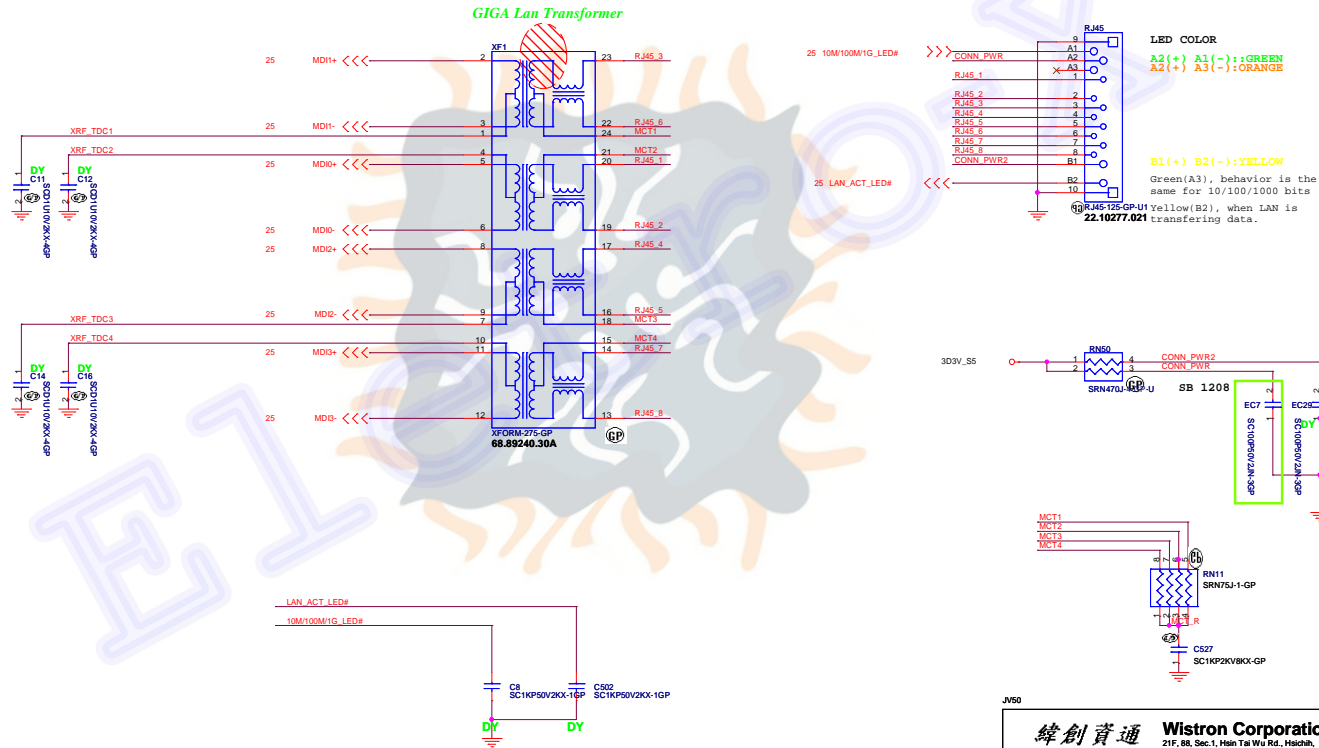
JV50



JV50

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.



JV50

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1	Title	Date	Page	No.	of	Total	Pages	Total	Pages	Total	Pages	Total	Pages	Total	Pages	Total	Pages
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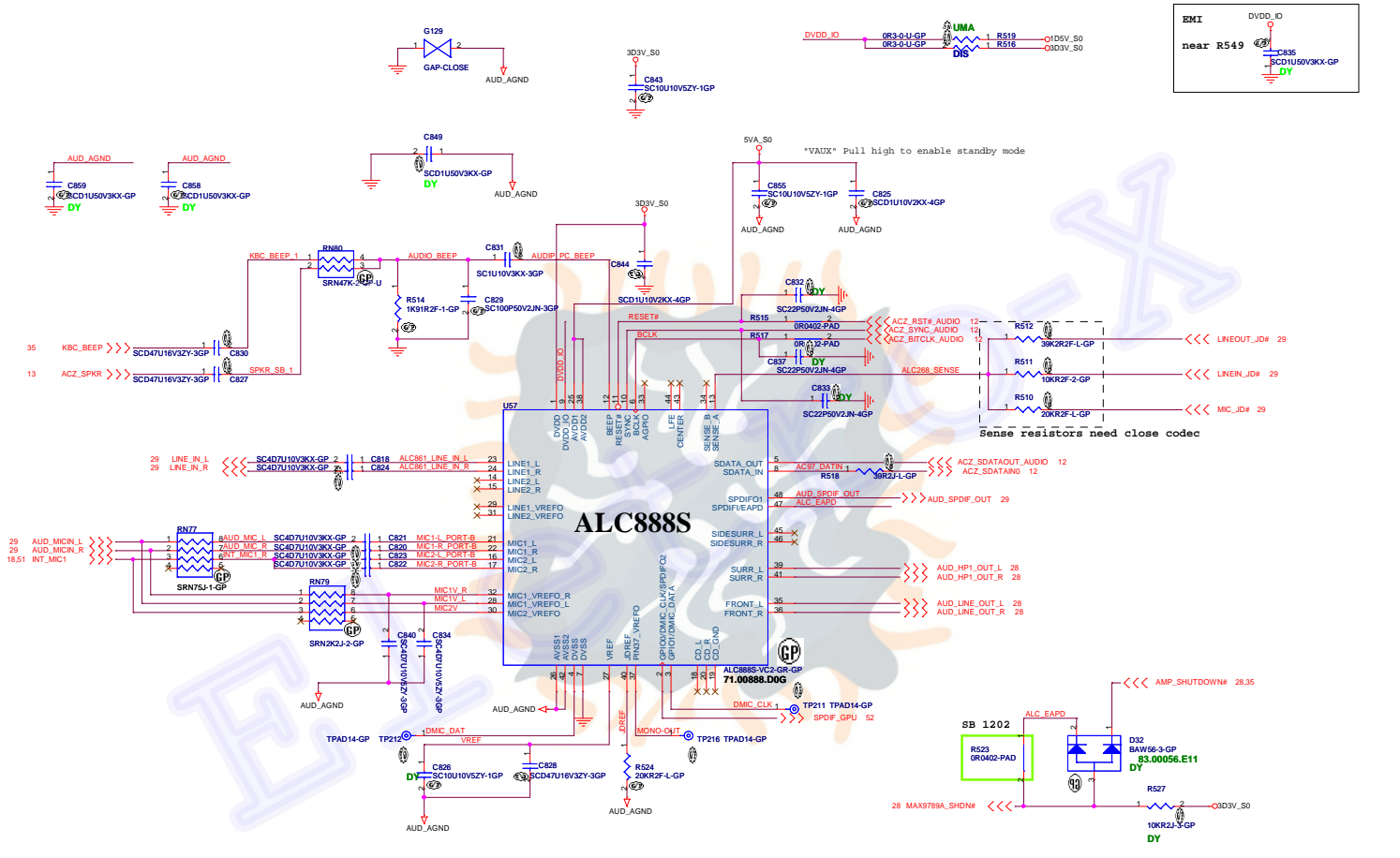
LAN CONN

Size

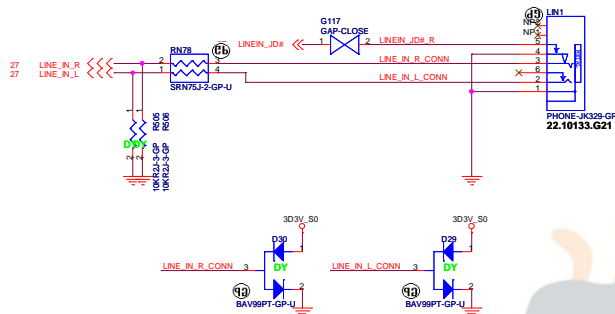
	Document Number
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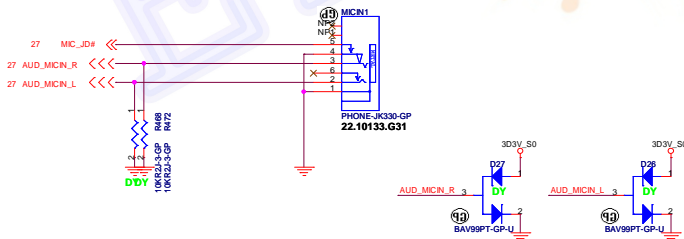
LINE IN



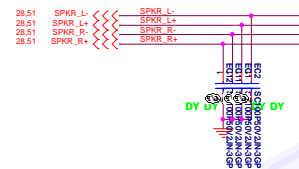
LINE OUT



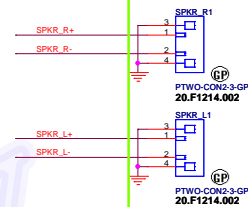
MIC IN



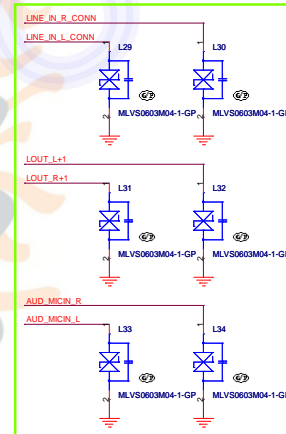
Internal Speaker



SB 1202



SB 1202

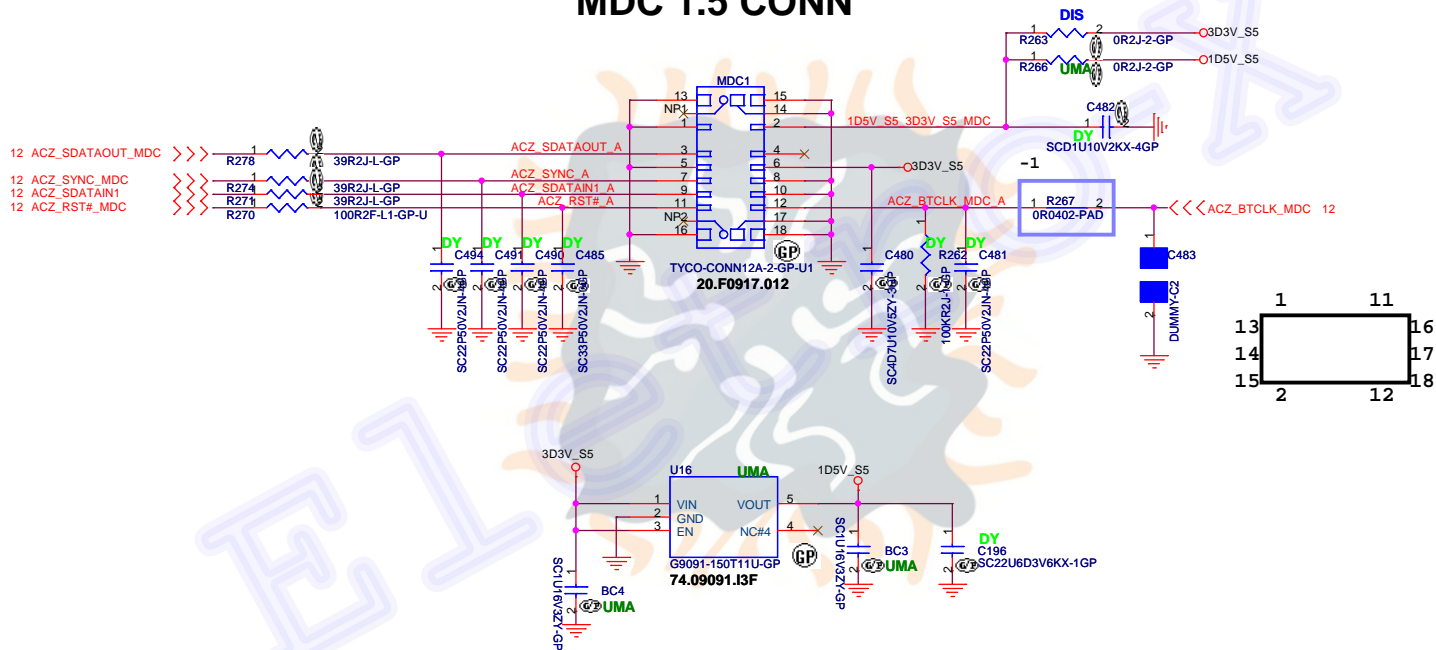


JV50

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File	AUDIO jack
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MDC 1.5 CONN



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Title

MDC

Size

Document Number

JV50

Date:

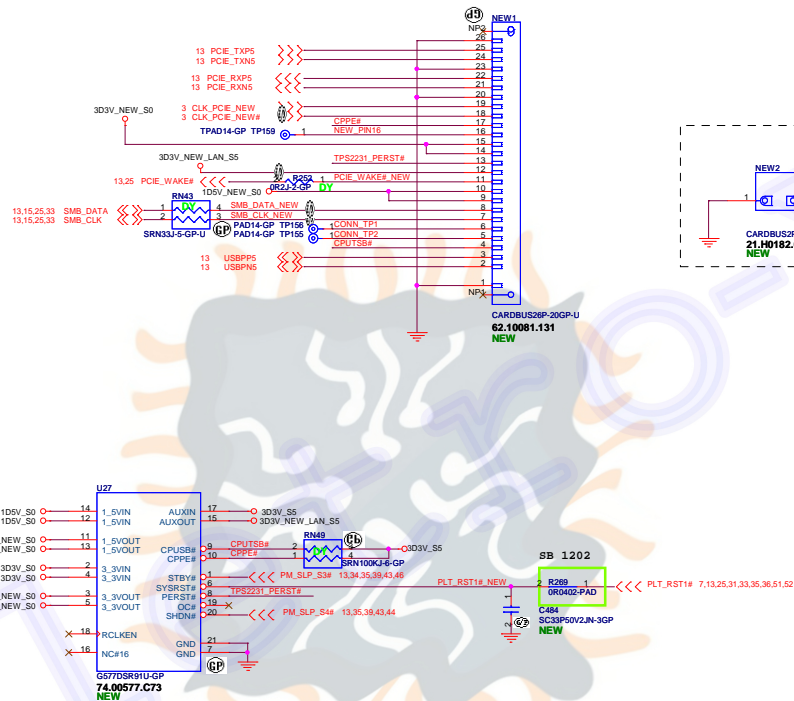
Thursday, January 08, 2009

Sheet

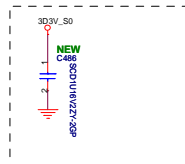
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of

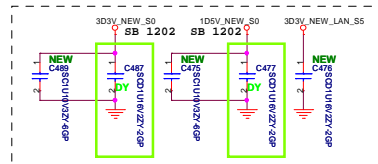




Place them Near to Chip



Place them Near to Connector



JV50

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Taipei Hsien 221, Taiwan, R.O.C.

File

NEW CARD

Size

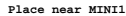
Document Number

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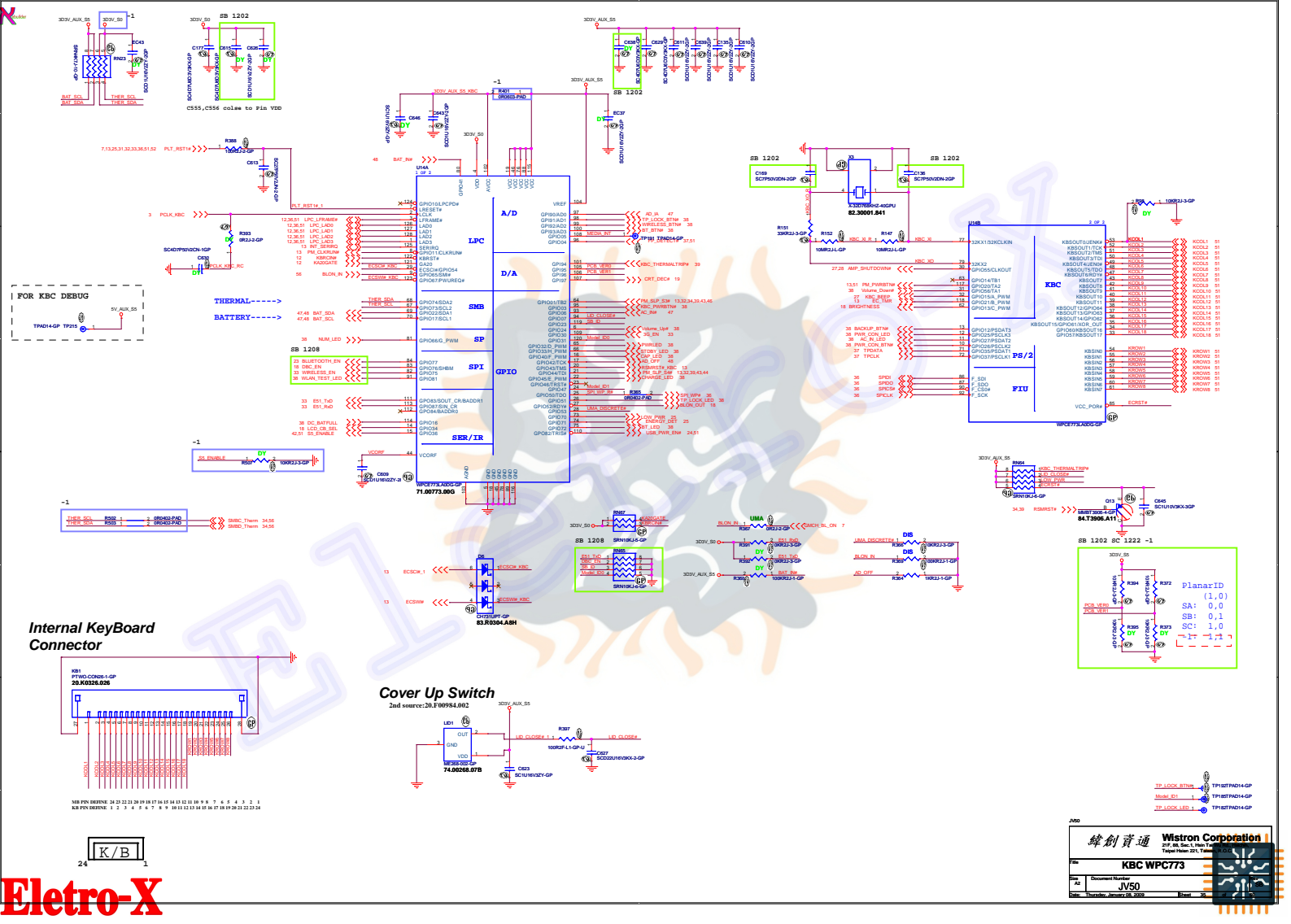
Eletro-X

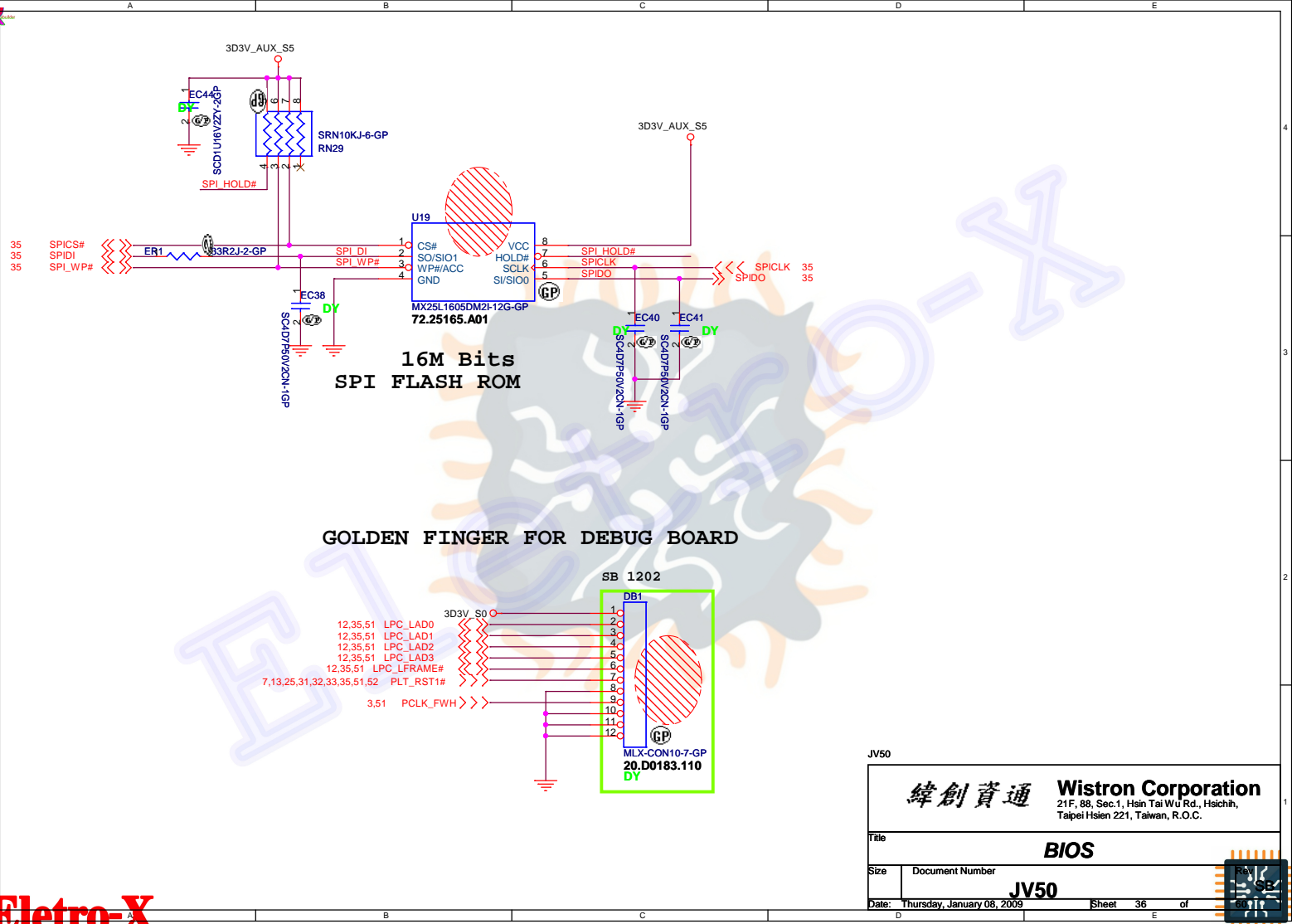


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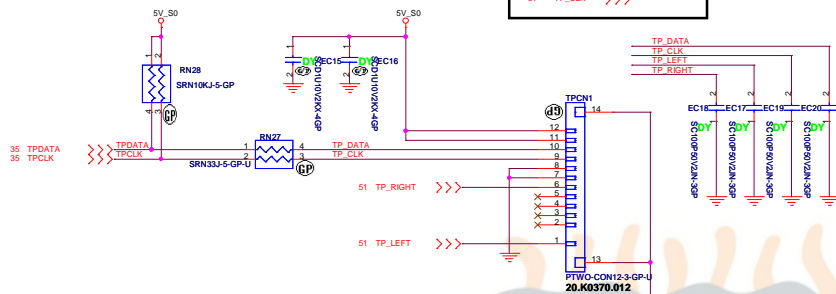


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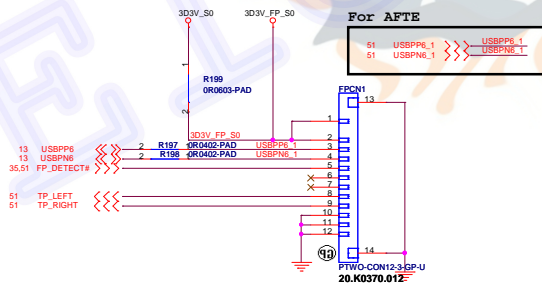
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BIOS	
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TOUCH PAD



Finger printer

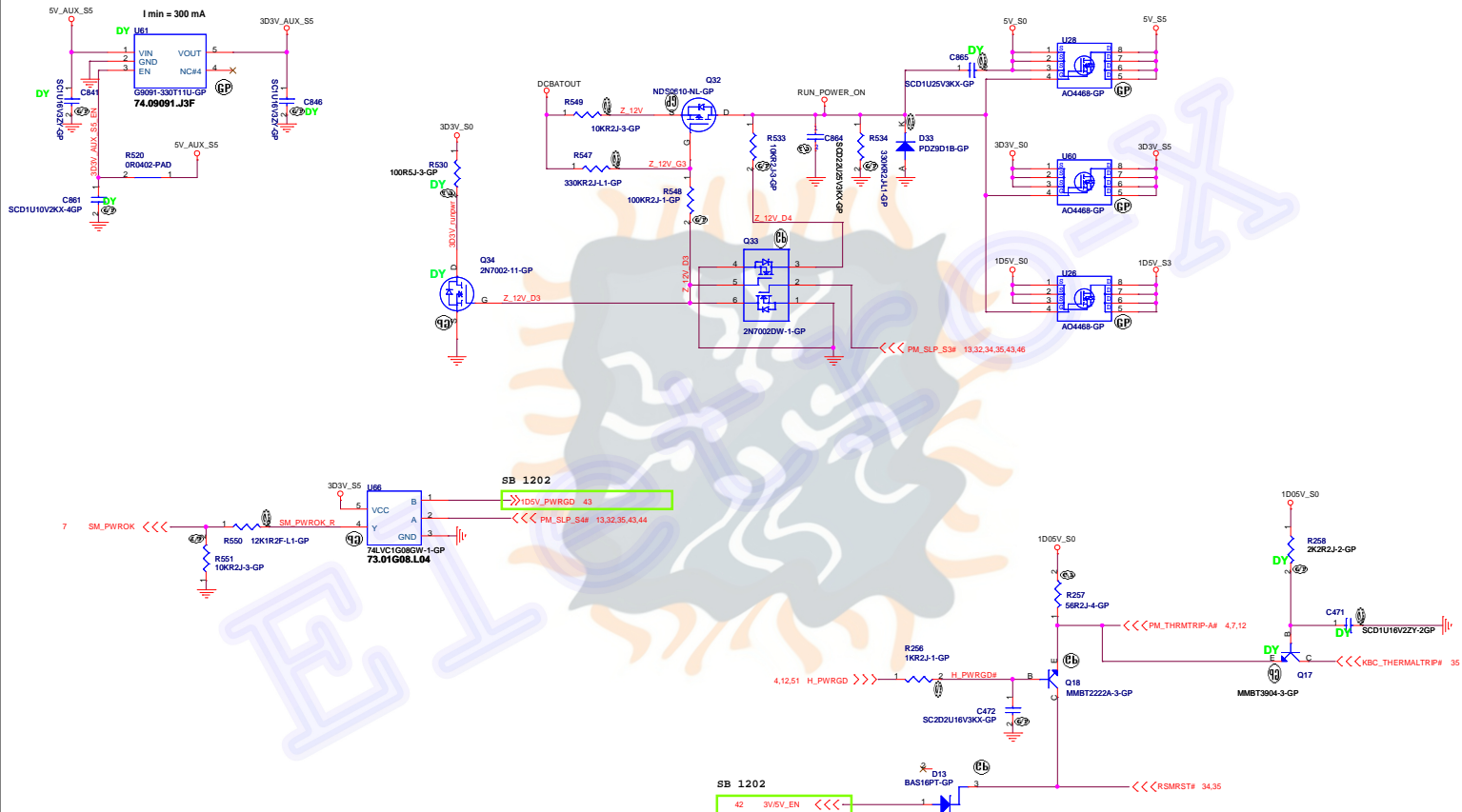


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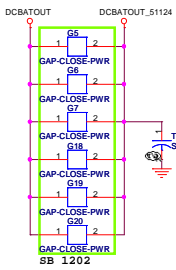
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Taipei Hsien 221, Taiwan, R.O.C.

Title
Touch PAD and FP
Size Document Number
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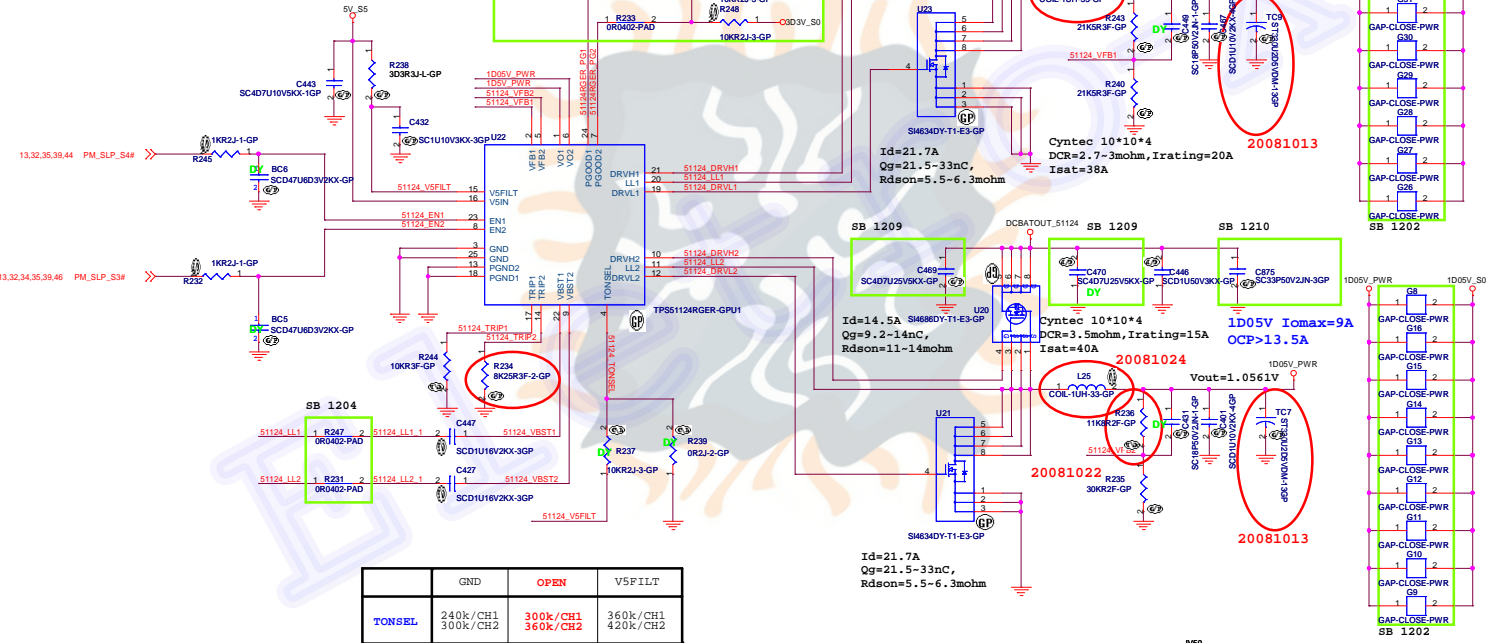


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$$V_{trip}(mV) = R_{trip}(Kohm) * 10(uA)$$

$$I_{ocp} = (V_{trip}/R_{dson}) + ((1/(2*L*F)) * ((V_{in} - V_{out}) * V_{out}) / V_{in}))$$

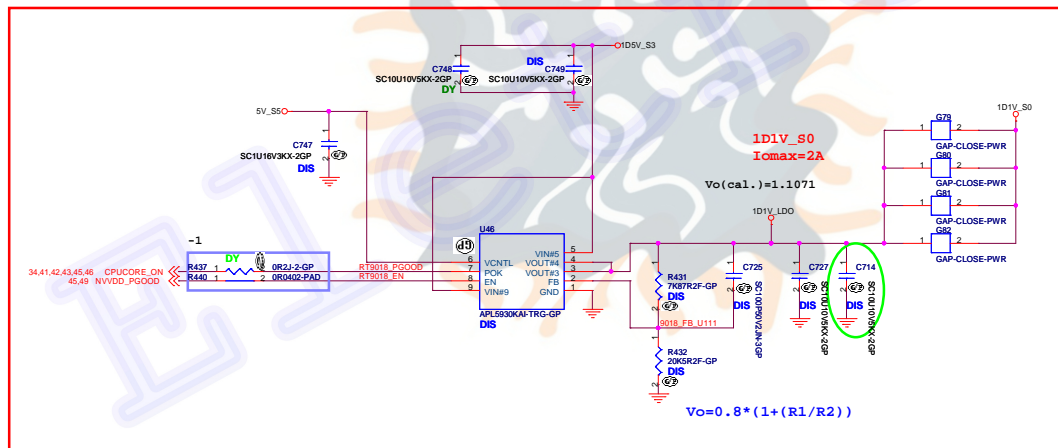


	GND	OPEN	V5FILT
TONSEL	240k/CH1 300k/CH2	300k/CH1 360k/CH2	360k/CH1 420k/CH2

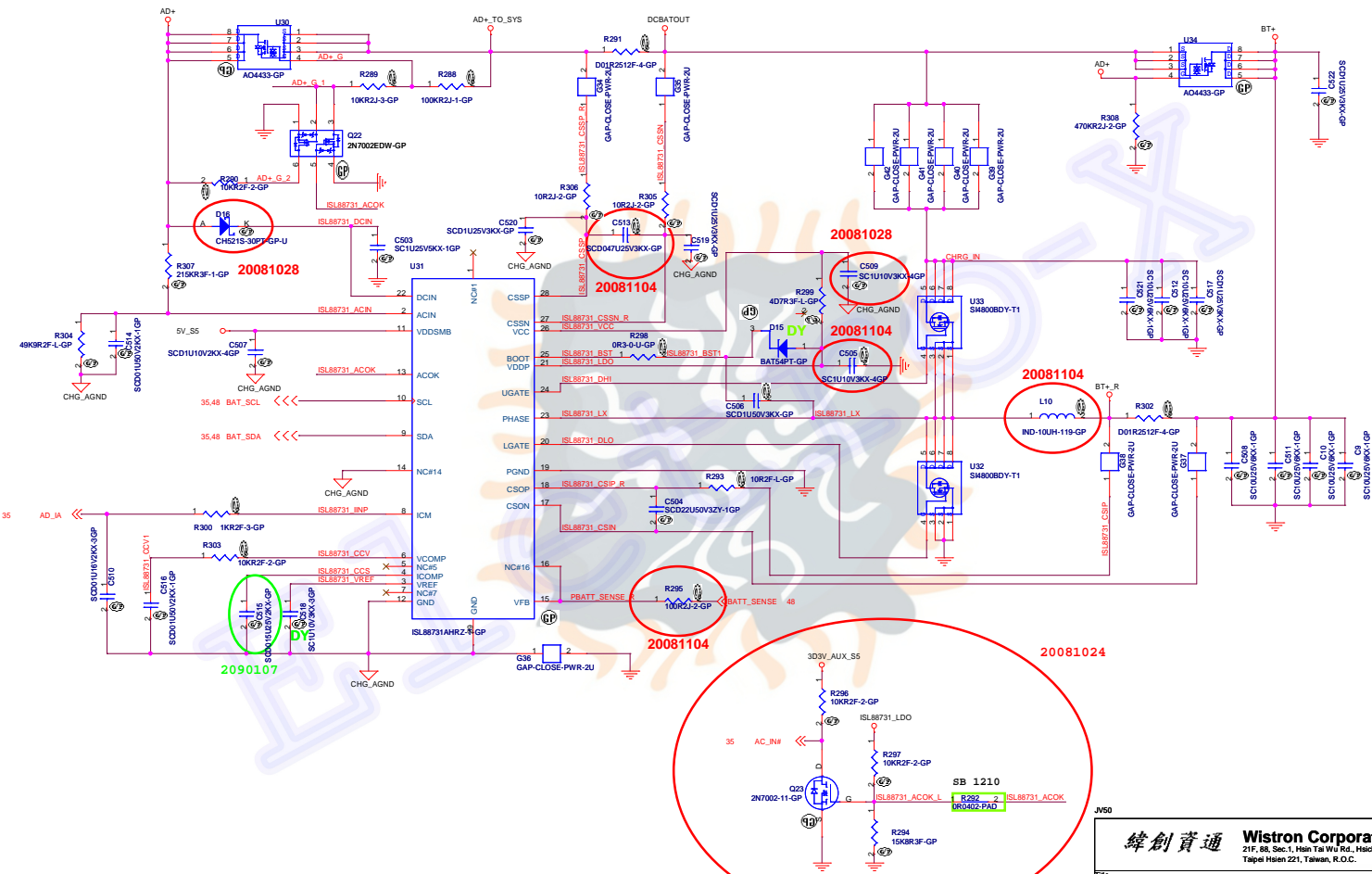
Vout=0.758V*(R1+R2)/R2 --> PWM mode
 Vout=0.764V*(R1+R2)/R2 --> Skip Mode

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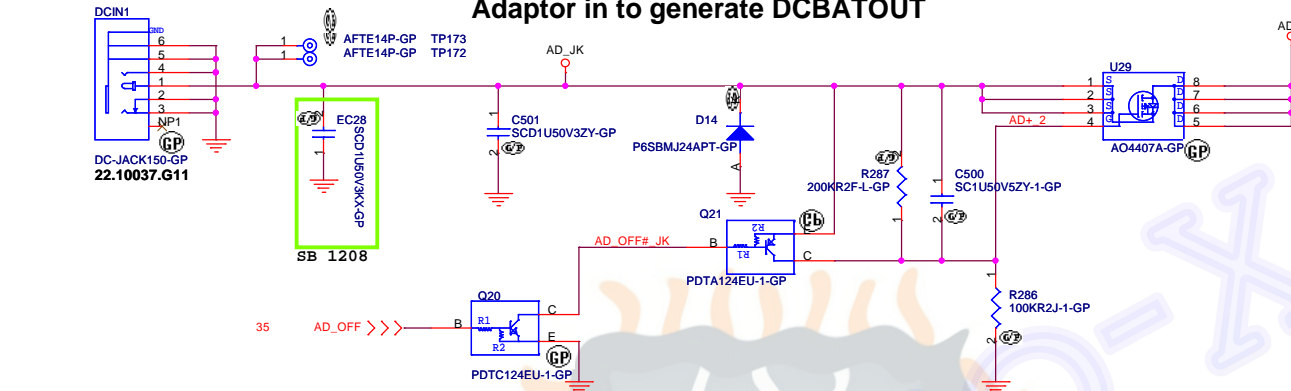
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 Date: Thursday, January 08, 2009 Sheet 43 of 43



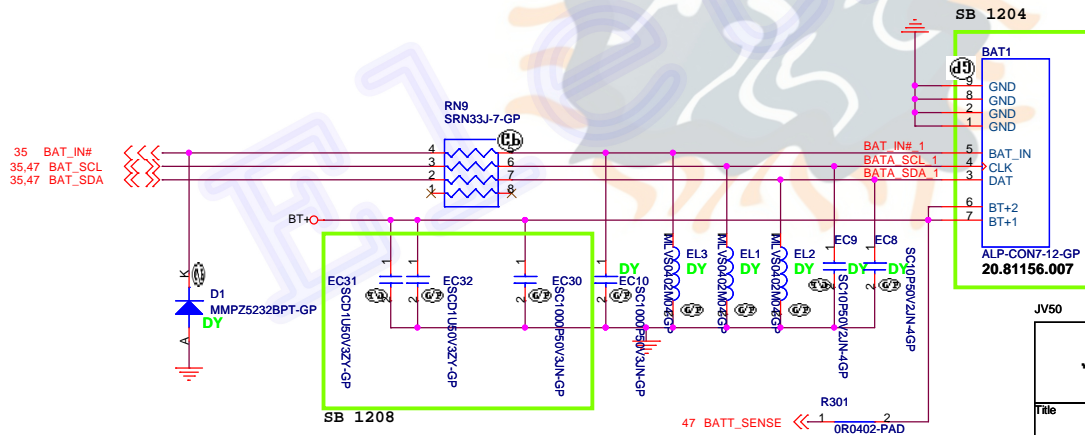




Adaptor in to generate DCBATOUT



BATTERY CONNECTOR



For AFTE

51 BATA_SDA_1	<><	BATA_SDA_1
51 BATA_SCL_1	<><	BATA_SCL_1
51 BAT_IN#_1	<><	BAT_IN#_1

JV50

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Title

AD/BATT CONN

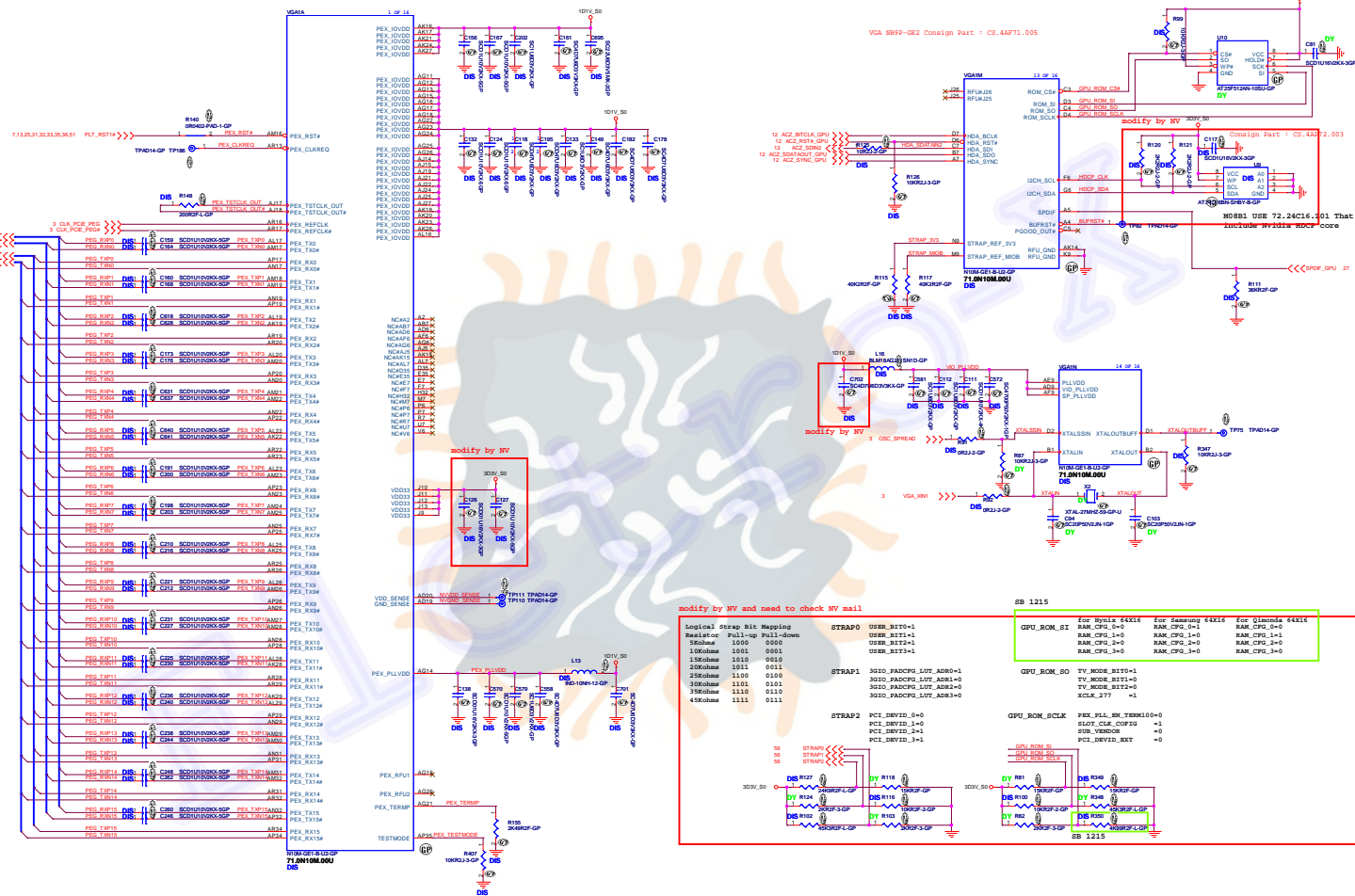
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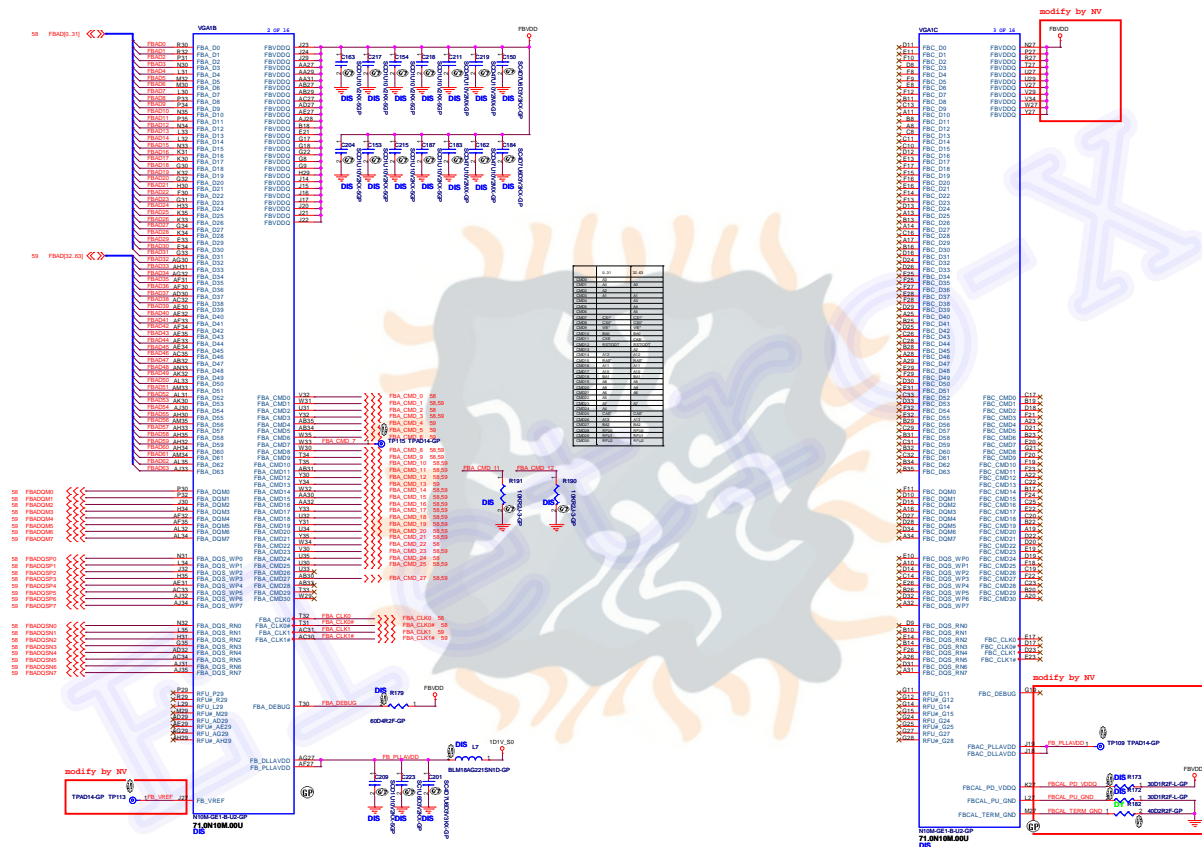
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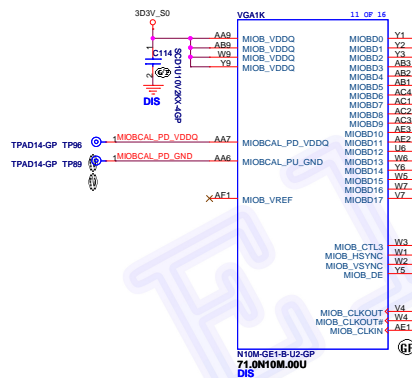
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VGAIO15 OF 16

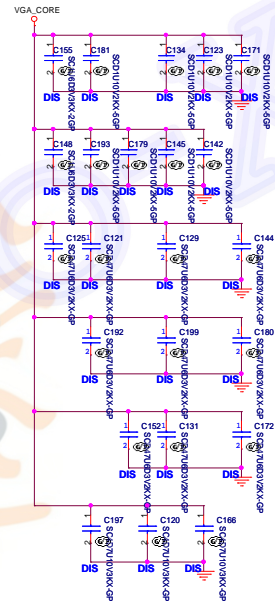
AA11	GND	GND	E15
AA12	GND	GND	E18
AA13	GND	GND	E24
AA14	GND	GND	E27
AA15	GND	GND	E30
AA16	GND	GND	E6
AA17	GND	GND	E9
AA18	GND	GND	F2
AA19	GND	GND	F31
AA2	GND	GND	F5
AA21	GND	GND	J2
AA22	GND	GND	J31
AA23	GND	GND	J4
AA24	GND	GND	L9
AA25	GND	GND	L13
AA34	GND	GND	M11
AA5	GND	GND	M19
AB12	GND	GND	M15
AB14	GND	GND	M17
AB16	GND	GND	M19
AB18	GND	GND	M21
AB22	GND	GND	M21
AB24	GND	GND	M25
AC9	GND	GND	M31
AD11	GND	GND	M34
AD13	GND	GND	M5
AD15	GND	GND	M5
AD17	GND	GND	N12
AD2	GND	GND	N13
AD21	GND	GND	N14
AD23	GND	GND	N16
AD31	GND	GND	N17
AD34	GND	GND	N18
AD5	GND	GND	N19
AE11	GND	GND	N20
AE12	GND	GND	N21
AE13	GND	GND	N22
AE14	GND	GND	N23
AE15	GND	GND	N24
AE16	GND	GND	N25
AE17	GND	GND	P1
AE18	GND	GND	P14
AE19	GND	GND	P15
AE20	GND	GND	P18
AE21	GND	GND	P20
AE22	GND	GND	P22
AE23	GND	GND	P24
AE24	GND	GND	P2
AE25	GND	GND	R31
AG2	GND	GND	R5
AG31	GND	GND	R5
AG34	GND	GND	T11
AG5	GND	GND	T11
AK2	GND	GND	T15
AK31	GND	GND	T19
AK34	GND	GND	T19
AK5	GND	GND	T21
AL12	GND	GND	T23
AL15	GND	GND	T25
AL18	GND	GND	U11
AL21	GND	GND	U12
AL24	GND	GND	U13
AL27	GND	GND	U14
AL30	GND	GND	U15
AL4	GND	GND	U16
AL9	GND	GND	U17
AK2	GND	GND	U18
AN34	GND	GND	U19
AP12	GND	GND	U20
AP15	GND	GND	U21
AP18	GND	GND	U22
AP21	GND	GND	U23
AP24	GND	GND	U24
AP27	GND	GND	U25
AP3	GND	GND	V12
AP30	GND	GND	V14
AP34	GND	GND	V14
AP6	GND	GND	V18
AP5	GND	GND	V2
B12	GND	GND	V20
B15	GND	GND	V22
B21	GND	GND	V24
B24	GND	GND	V31
B27	GND	GND	V5
B3	GND	GND	V9
B30	GND	GND	Y11
B33	GND	GND	Y13
B6	GND	GND	Y15
B8	GND	GND	Y17
C2	GND	GND	Y19
C34	GND	GND	Y21
E12	GND	GND	Y23
	GND	GND	Y25

N10M-GE1-8-U2-GP
71.0N10M.00U
DIS

VGA_CORE

AB11	VDD	VDD	P21
AB13	VDD	VDD	P23
AB15	VDD	VDD	P25
AB17	VDD	VDD	P11
AB19	VDD	VDD	P12
AB21	VDD	VDD	P13
AB23	VDD	VDD	P14
AB25	VDD	VDD	P15
AC11	VDD	VDD	P16
AC12	VDD	VDD	P17
AC13	VDD	VDD	P18
AC14	VDD	VDD	P19
AC15	VDD	VDD	P20
AC16	VDD	VDD	P21
AC17	VDD	VDD	P22
AC18	VDD	VDD	P23
AC19	VDD	VDD	P24
AC20	VDD	VDD	P25
AC21	VDD	VDD	T19
AC22	VDD	VDD	T14
AC23	VDD	VDD	T16
AC24	VDD	VDD	T18
AC25	VDD	VDD	T20
AD12	VDD	VDD	T22
AD14	VDD	VDD	T24
AD16	VDD	VDD	V11
AD18	VDD	VDD	V13
AD22	VDD	VDD	V15
AD24	VDD	VDD	V17
L11	VDD	VDD	V19
L12	VDD	VDD	V21
L14	VDD	VDD	V23
L15	VDD	VDD	W11
L16	VDD	VDD	W12
L17	VDD	VDD	W13
L18	VDD	VDD	W14
L19	VDD	VDD	W15
L20	VDD	VDD	W16
L21	VDD	VDD	W17
L22	VDD	VDD	W19
L23	VDD	VDD	W19
L24	VDD	VDD	W20
L25	VDD	VDD	W21
M12	VDD	VDD	W22
M14	VDD	VDD	W23
M16	VDD	VDD	W24
M18	VDD	VDD	W25
M20	VDD	VDD	Y12
M22	VDD	VDD	Y14
M24	VDD	VDD	Y16
P11	VDD	VDD	Y18
P13	VDD	VDD	Y20
P15	VDD	VDD	Y22
P17	VDD	VDD	Y24
P19	VDD	VDD	

N10M-GE1-8-U2-GP
71.0N10M.00U
DIS



JV50

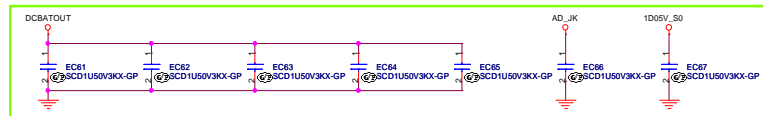
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File
Size A3
Document Number
N10M(6/6) POWER
JV50

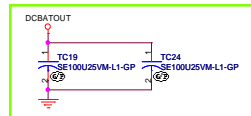
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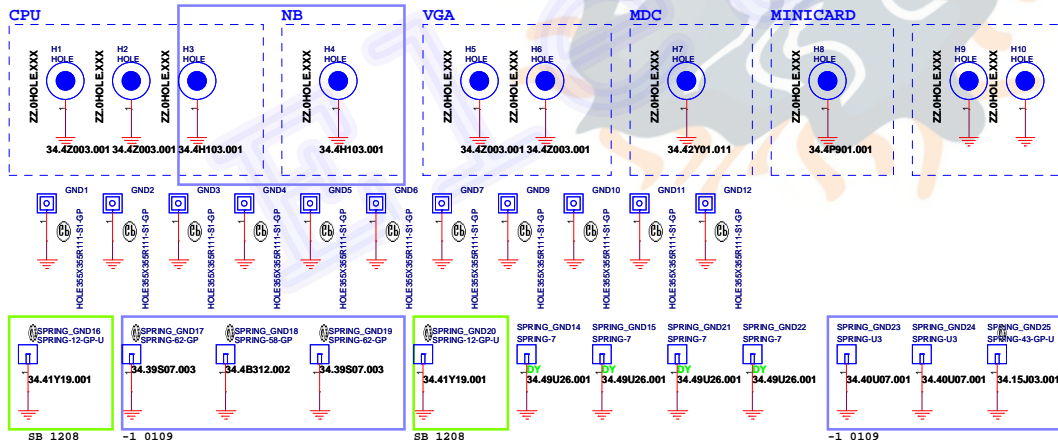
SB 1208



SB 1209



-1 0109



SB 1208

-1 0109

SB 1208

-1 0109

JV50

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File

Size Document Number

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Date: Friday, January 09, 2009 Sheet 50 of



88' 12/02
Page3: change C452 C453 from 27P to 33P by vendor's request
Page33: add C872 33P for SIV
Page29: change SPKR_R1 SPKR_L1 from 20.F1396.002 to 20.F1214.002 by CE's request
Page18: change LCD1 from 20.F1296.040 to 20.F1230.040 by CE's request
Page24: change USBNC1 from 20.F1290.015 to 20.F1035.015 by CE's request
Page38: change PSCN1 from 20.K0356.006 to 20.K0382.006 by CE's request
Page18: change AMIC1 from 20.F1396.002 to 20.F1214.002 by CE's request
Page3: add R554 and change U24 pin16 from 3D3V_S0 to 3D3V_VDD48_S0
Page3: change C457 C450 C416 C430 C418 from mount to DY and change C456 from DY to mount
Page7: change R192 R195 from 0ohm resistor to 0ohm pad and add R555 RN82 RN83 RN84 RN85 for reflection
Page9: change C275 from UMA to DY and change C349 from mount to DY
Page10: change C243 C758 from mount to DY and change R167 R398 from DIS to DY
Page13: change R216 from 0ohm resistor to 0ohm pad
Page14: change C413 C252 C703 C392 C707 C734 from mount to DY
Page17: change C426 C429 from mount to DY
Page18: change C7 C499 from mount to DY and change R1 from mount to DIS and change R3 from DY to UNA
Page20: add RN86 for DIS HDMI SMDbus
Page25: change R45 from 0ohm resistor to 0ohm pad
Page27: change R523 from 0ohm resistor to 0ohm pad
Page7: add R556 pull-low DY for A1 NB
Page28: change AGRND & GND and change R509 from 0ohm resistor to 0ohm pad
Page28: change C795 C790 C792 from mount to DY and change R480 R479 from 0ohm to 6K2 and 8K2
Page28: combine C801 C802 two 1u to C801 4.7u
Page28: delete C815 C814 C809 R500 R503 R513 R507 R502 R508 D31 U56 and change U55 to 84.2N702.E31
Page28: change R474 from DY to mount and change R475 from mount to DY for 10dB
Page29: add L29 L30 L31 L32 L33 L34 for ESD
Page31: change R463 R464 R471 R467 R466 R460 R459 R494 R484 R493 R486 R485 R488 R489 R490 R492 R491 R487 from 0ohm resistor to 0ohm pad
Page32: change C487 C477 from mount to DY and change R269 from 0ohm resistor to 0ohm pad
Page12: change C385 C386 from 10p to 7p by vendor's request
Page35: change C136 C169 from 15p to 7p by vendor's request
Page33: change R15 R29 R34 from 0ohm resistor to 0ohm pad and change C542 from mount to DY
Page34: change C42 from mount to DY
Page35: change C615 C626 C638 R395 from mount to DY and change R394 from DY to mount for PCB version
Page36: change DB1 from mount to DY
Page38: add Q35 PWR_LED7 PWR_LED8 and change RN4 from 4P2R to 8P4R and change PWR_LED5 PWR_LED6 from 83.01221.I70 to 83.00193.A70 for LED type
Page39: change U66 pin1 from CPUCORE_ON to 1DSV_PWRGD and change D13 pin1 from S5_ENABLE to 3V/SV_EN
Page40: update power sequence logic
Page41: change Q43-G50 from open gap to close gap and change R328 R352 R353 R317 R316 R319-R325 from 0ohm resistor to 0ohm pad
Page42: change R532 R545 R552 from 0ohm resistor to 0ohm pad and change G118-G128 G130-G140 from open gap to close gap
Page43: change R246 R233 from 0ohm resistor to 0ohm pad and change G5-G16 G18-G33 from open gap to close gap
Page43: change R246 pin2 from CPUCORE_ON to 1DSV_PWRGD and add R500 pull-high 10K 3D3V_S5
Page45: change G100-G109 from open gap to close gap
Page46: change R157 R187 from 0ohm resistor to 0ohm pad and change G68-G73 G86 G87 G89 G90 G92 G93 G95 G96 G99 from open gap to close gap
Page46: delete TC19 and change TC20 from DY to GFX
Page49: change G55-G67 G74-G77 from open gap to close gap
Page29: change RN75 from 47ohm to 75ohm
Page28: change C804 C807 from 4.7u to 1u 25V X5R
Page45: delete TC24
Page45: change C145 C146 C147 C148 C149 C150 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188 C189 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C202 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C239 C240 C241 C242 C243 C244 C245 C246 C247 C248 C249 C250 C251 C252 C253 C254 C255 C256 C257 C258 C259 C260 C261 C262 C263 C264 C265 C266 C267 C268 C269 C270 C271 C272 C273 C274 C275 C276 C277 C278 C279 C280 C281 C282 C283 C284 C285 C286 C287 C288 C289 C290 C291 C292 C293 C294 C295 C296 C297 C298 C299 C300 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 C324 C325 C326 C327 C328 C329 C330 C331 C332 C333 C334 C335 C336 C337 C338 C339 C340 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C351 C352 C353 C354 C355 C356 C357 C358 C359 C360 C361 C362 C363 C364 C365 C366 C367 C368 C369 C370 C371 C372 C373 C374 C375 C376 C377 C378 C379 C380 C381 C382 C383 C384 C385 C386 C387 C388 C389 C390 C391 C392 C393 C394 C395 C396 C397 C398 C399 C400 C401 C402 C403 C404 C405 C406 C407 C408 C409 C410 C411 C412 C413 C414 C415 C416 C417 C418 C419 C420 C421 C422 C423 C424 C425 C426 C427 C428 C429 C430 C431 C432 C433 C434 C435 C436 C437 C438 C439 C440 C441 C442 C443 C444 C445 C446 C447 C448 C449 C450 C451 C452 C453 C454 C455 C456 C457 C458 C459 C460 C461 C462 C463 C464 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C484 C485 C486 C487 C488 C489 C490 C491 C492 C493 C494 C495 C496 C497 C498 C499 C500 C501 C502 C503 C504 C505 C506 C507 C508 C509 C510 C511 C512 C513 C514 C515 C516 C517 C518 C519 C520 C521 C522 C523 C524 C525 C526 C527 C528 C529 C530 C531 C532 C533 C534 C535 C536 C537 C538 C539 C540 C541 C542 C543 C544 C545 C546 C547 C548 C549 C550 C551 C552 C553 C554 C555 C556 C557 C558 C559 C560 C561 C562 C563 C564 C565 C566 C567 C568 C569 C570 C571 C572 C573 C574 C575 C576 C577 C578 C579 C580 C581 C582 C583 C584 C585 C586 C587 C588 C589 C590 C591 C592 C593 C594 C595 C596 C597 C598 C599 C600 C601 C602 C603 C604 C605 C606 C607 C608 C609 C610 C611 C612 C613 C614 C615 C616 C617 C618 C619 C620 C621 C622 C623 C624 C625 C626 C627 C628 C629 C630 C631 C632 C633 C634 C635 C636 C637 C638 C639 C640 C641 C642 C643 C644 C645 C646 C647 C648 C649 C650 C651 C652 C653 C654 C655 C656 C657 C658 C659 C660 C661 C662 C663 C664 C665 C666 C667 C668 C669 C670 C671 C672 C673 C674 C675 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 C703 C704 C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C732 C733 C734 C735 C736 C737 C738 C739 C740 C741 C742 C743 C744 C745 C746 C747 C748 C749 C750 C751 C752 C753 C754 C755 C756 C757 C758 C759 C760 C761 C762 C763 C764 C765 C766 C767 C768 C769 C770 C771 C772 C773 C774 C775 C776 C777 C778 C779 C780 C781 C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C792 C793 C794 C795 C796 C797 C798 C799 C800 C801 C802 C803 C804 C805 C806 C807 C808 C809 C810 C811 C812 C813 C814 C815 C816 C817 C818 C819 C820 C821 C822 C823 C824 C825 C826 C827 C828 C829 C830 C831 C832 C833 C834 C835 C836 C837 C838 C839 C840 C841 C842 C843 C844 C845 C846 C847 C848 C849 C850 C851 C852 C853 C854 C855 C856 C857 C858 C859 C860 C861 C862 C863 C864 C865 C866 C867 C868 C869 C870 C871 C872 C873 C874 C875 C876 C877 C878 C879 C880 C881 C882 C883 C884 C885 C886 C887 C888 C889 C890 C891 C892 C893 C894 C895 C896 C897 C898 C899 C900 C901 C902 C903 C904 C905 C906 C907 C908 C909 C910 C911 C912 C913 C914 C915 C916 C917 C918 C919 C920 C921 C922 C923 C924 C925 C926 C927 C928 C929 C930 C931 C932 C933 C934 C935 C936 C937 C938 C939 C940 C941 C942 C943 C944 C945 C946 C947 C948 C949 C950 C951 C952 C953 C954 C955 C956 C957 C958 C959 C960 C961 C962 C963 C964 C965 C966 C967 C968 C969 C970 C971 C972 C973 C974 C975 C976 C977 C978 C979 C980 C981 C982 C983 C984 C985 C986 C987 C988 C989 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999 C1000

12/04
Page24: change U47 from 74.00545.A79 to 74.00547.A79
Page20: swap HDMI signals for routing
Page28: change U53 pin22 from AUD_HP1_EN to AMP_MUTE#_R
Page48: change BAT1 from 20.81094.007 to 20.81156.007
Page22: change ODD1 from 62.10065.541 to 62.10065.751
Page22: change R231 R247 from 0ohm resistor to 0ohm pad
12/05
Page25: change R39 R53 R21 R31 R22 R35 R28 from 0ohm resistor to 0ohm pad
Page45: change L23 from 68.R8210.10V to 68.R101A.20B and change U43 from 84.04812.A37 to 84.04168.037 by power team's request
Page41: change R344 from 2K87 to 3K16 and change C586 from 0.47u to 0.1u by power team's request
Page41: change U35 U39 from 84.01426.037 to 84.12003.A37 and change U6 U7 U36 U38 from 84.01712.037 to 84.57N03.A37 by power team's request
Page45: change R457 from 11K to 3K48 and change TC23 from 390u to 220u by power team's request
12/08
Page26: change EC7 from DY to mount EMI's request
Page48: change EC28 EC30 EC31 EC32 from DY to mount EMI's request
Page31: change EC51 EC52 EC55 EC57 from 0.1u DY to 22p mount EMI's request
Page5: change C79 C80 from DY to mount EMI's request
Page46: change C659 from DY to GFX EMI's request
Page50: change SPRING_GND16-SPRING_GND20 from DY to mount EMI's request
Page50: add EC61-EC67 0.1u by EMI's request
Page20: change R313 R314 from 10K 100K to 18K 47K by NV's request
Page35: change U14 pin8 RN65 pin2 from SHIM to DBC_EN by annie's request
Page18: change LCD1 pin35 from NC to DBC_EN by annie's request
Page20: add ER1-ER8 0ohm pad by EMI's request
Page10: change C636 from 1000p DY to 27p mount by RF's request
12/09
Page49: change R406 from 6K2 to 4K75 by power team's request
Page46: change TC16 from mount to GFX
Page50: add TC19 TC24 100u
Page41: change C528 C529 S30 C588 C597 C604 from 10u to 4.7u and change C528 C588 from mount to DY
Page46: change C656 C653 from 10u to 4.7u and change C653 from GFX to DY
Page42: change C856 C857 C851 C850 from 10u to 4.7u and change C857 C850 from mount to DY
Page41: change TC5 from DY to mount
Page5: change C553 C538 C552 C539 C547 C536 C548 C537 from DY to mount
Page17: change C426 C428 C429 from 10u to 4.7u and change C429 from DY to mount
Page16: change C440-C442 C463-C465 from 10u to 4.7u and change C440 from DY to mount and change C464 from DY to mount
Page20: change HMI2 from 62.10078.161 to 62.10078.171 by CE's request
Page24: change USBNC1 from 20.F1035.015 to 20.F1290.015 by CE's request
12/10
Page46: add C873 33p GFX by RF's request
Page43: add C874 C875 33p by RF's request
Page20: swap U8 pin13 14 47 48
Page33: change R16 from DY to mount
Page47: change R292 from 0ohm resistor to 0ohm pad
12/11
Page33: change MINI2 pin 51 from 5V_S5_MIN1 to 5V_S5_MIN2
12/15
Page52: change VRAM strap R350
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HISTORY
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SB
12/22
Page49: change R427 from 30K 47K and R428 from 47K to 30K

SC
12/22
Page42: modify by power team's request
Page35: change R372 R395 from DY to mount and change R373 R394 from mount to DY

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01/06
Page17: change C400 from mount to DY and change C399 from DY to mount
Page30: change R267 from 39R to 0ohm pad
Page38: delete RN7 and add Q36 Q37
Page25: change U3 pin 38 52 from LAN_AVDD to TP and change U3 pin 68 from NC to TP
Page25: delete R58 and add RN87 and change U5 to 72.24C02.R01
Page3: change R255 from 22R to 33R and change RN42 from 0ohm to 33R
Page33: change R268 R275 R259 from 0ohm resistor to 0ohm pad
Page35: change R394 from DY to mount and change R395 from mount to DY
Page28: change R526 from 0ohm resistor to 0ohm pad
Page35: change R401 from 0ohm resistor to 0ohm pad
Page35: delete Q12 and add R502 R503
Page35: change RN23 pin 5 6 from 3D3V_AUX_S5 to 3D3V_S0
Page44: change U46 to APL5930 by power team's request
Page38: add 3G and BT option
Page28: change R479 from 8K2 to 10K and change R480 from 6K2 to 4K99 for audio speaker gain
Page28: merge CDC1 to LCD1

01/07
Page44: change R437 from 0ohm pad to 0ohm resistor
Page9: change TC18 from UMA to DY and change C276 from DY to mount
Page35: delete RN21 and add R507 10K DY
Page38: change RN4 to 330R and change RN8 to 100R and delete R10 and change RN3 to 8P4R 200R
Page47: change CS15 to 78.15322.2FL by power team's request
Page3: mount 33p on EC23 EC24 EC25 EC39 EC48 for RF's request
Page3: add EC68 EC69 33p DY by RF's request
Page20: add R129 4K7 for different vendor

01/08
Page42: change R541 from 200K to 100K and change R544 location
Page42: change R532 R545 from 0ohm pad to 0ohm resistor

01/09
Page38: change name from 3G/BT_LED1 to 3GBT_LED1
Page50: add SPRING_GND3 34.40U07.001, SPRING_GND24 34.40U07.001, SPRING_GND25 34.15J03.001
Page50: SPRING_GND17, SPRING_GND19 change from 34.41Y19.001 to 34.39G07.003
Page50: SPRING_GND18 change from 34.41Y19.001 to 34.4B312.002

