

Model Name: GA-H61M-S2V-B3 *Revision 1.02*

SHEET

TITLE

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01	COVER SHEET
02	BOM & PCB MODIFY HISTORY
03	BLOCK DIAGRAM
04	CPU_LGA1155-A
05	CPU_LGA1155-B
06	CPU_LGA1155-C
07	DDR III CHANNEL A
08	DDR III CHANNEL B
09	PCH_FDI,DMI,USB,PCIE,NVRAM
10	PCH_DP,CLK BUFFER
11	PCH_HOST,SATA,PCI
12	PCH_GPIO,CTRL,AUDIO
13	PCH_PWR,GND
14	PCI EXPRESS*16 SLOT
15	PCI EXPRESS*1 SLOT
16	PCI EXPRESS*1x2 SLOT / CLOCK GEN.
17	ITE 8728 LPC IO
18	COMA,KB_MS,R_USB,-PROCHOT
19	HWM,FAN CTRL,OV,COMB
20	DUAL BIOS
21	FP,FUSB,SPK,SATALED
22	ALC888B-VD2
23	REAR AUDIO JACK
24	REALTEK RTL8111E/USB_LAN
25	VGA/DVI
26	DISCRETE POWER
27	ATX,-S_WARN,-S_ACK,5VDUAL1

28	ISL95870_CPU_VTT
29	VCORE ISL6364_1
30	VCORE ISL6364_2
31	VCORE ISL6364_3
32	TPM
33	LPT

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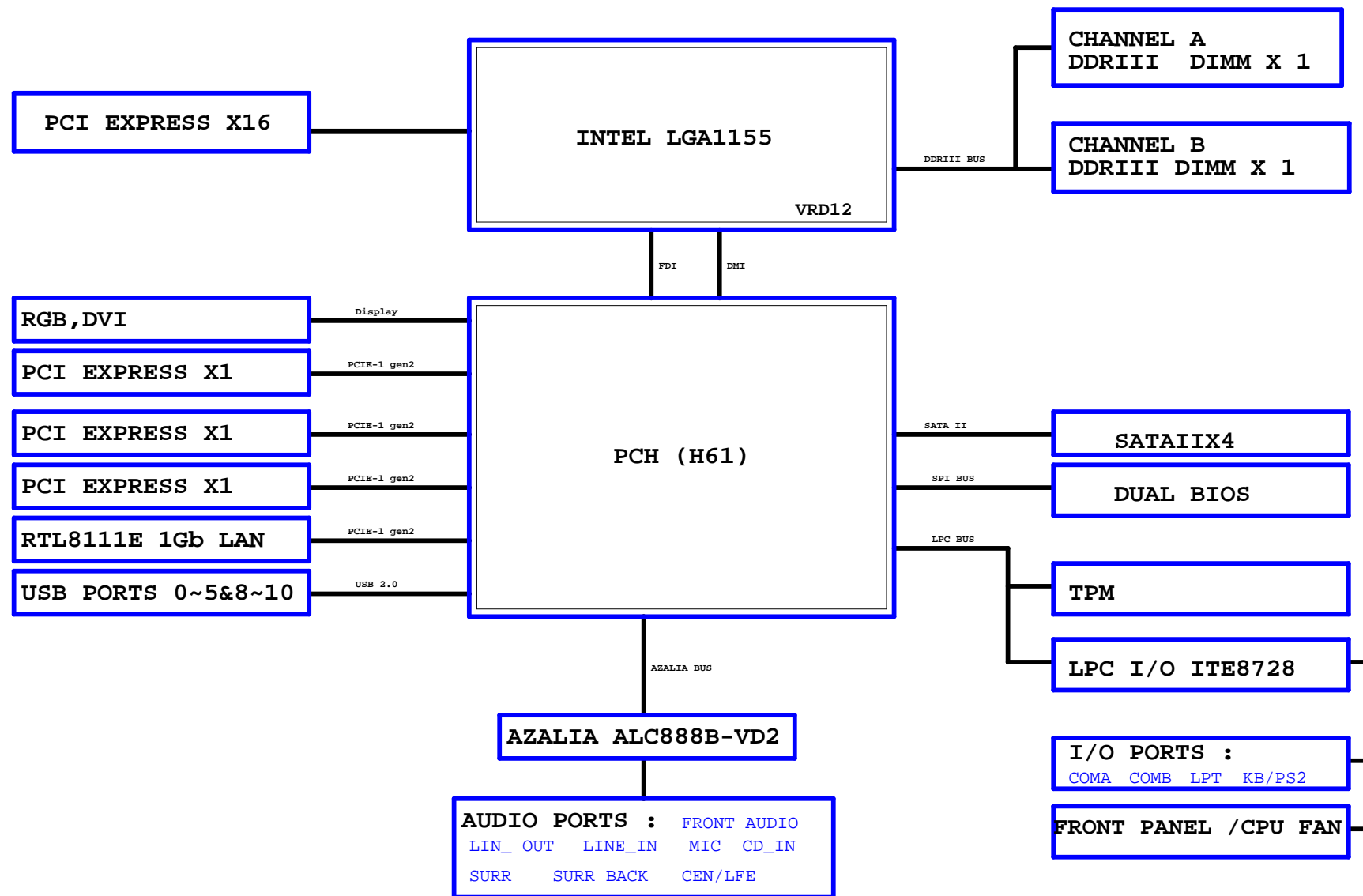
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Revision 1.02

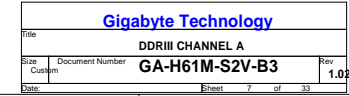
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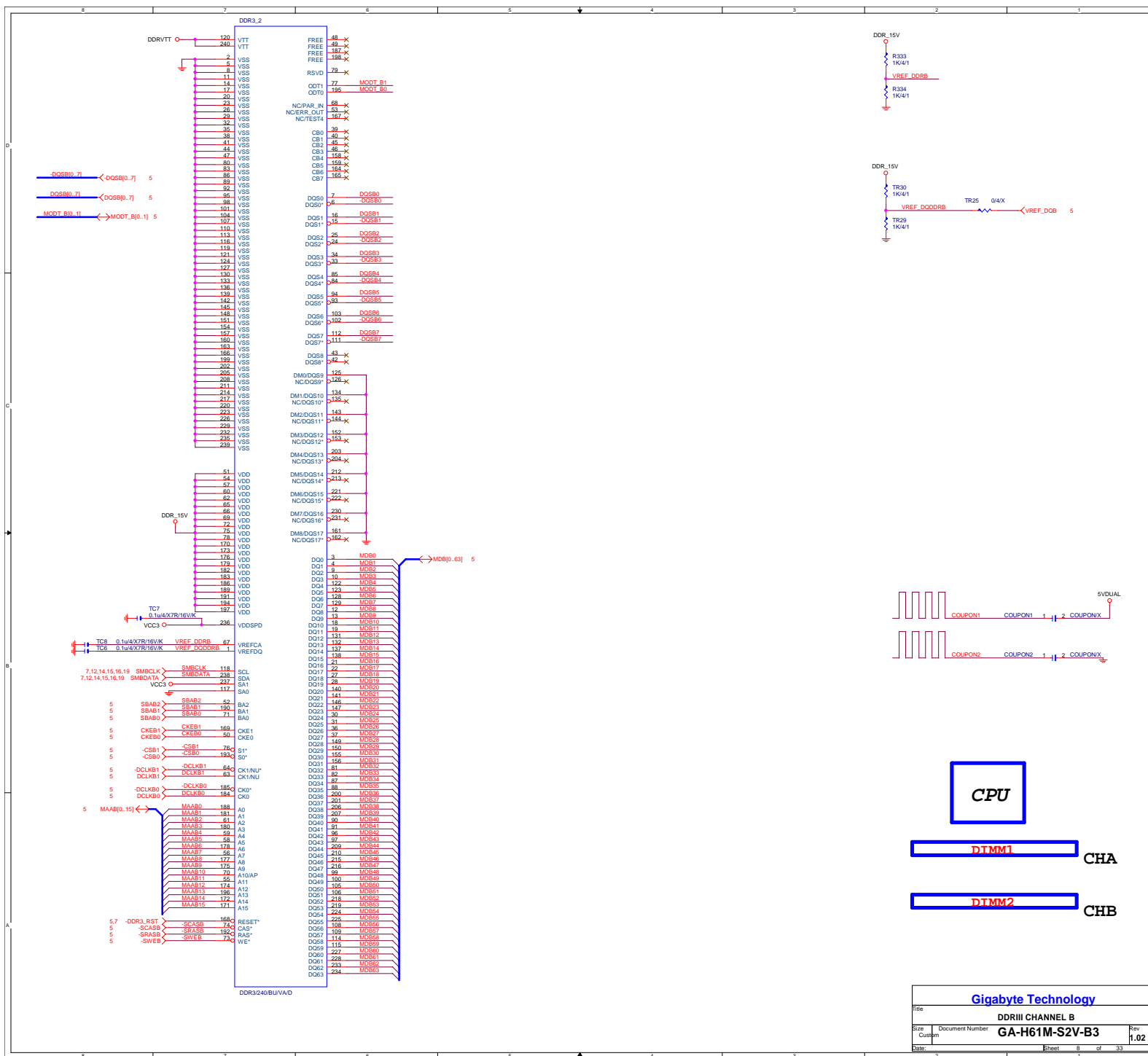
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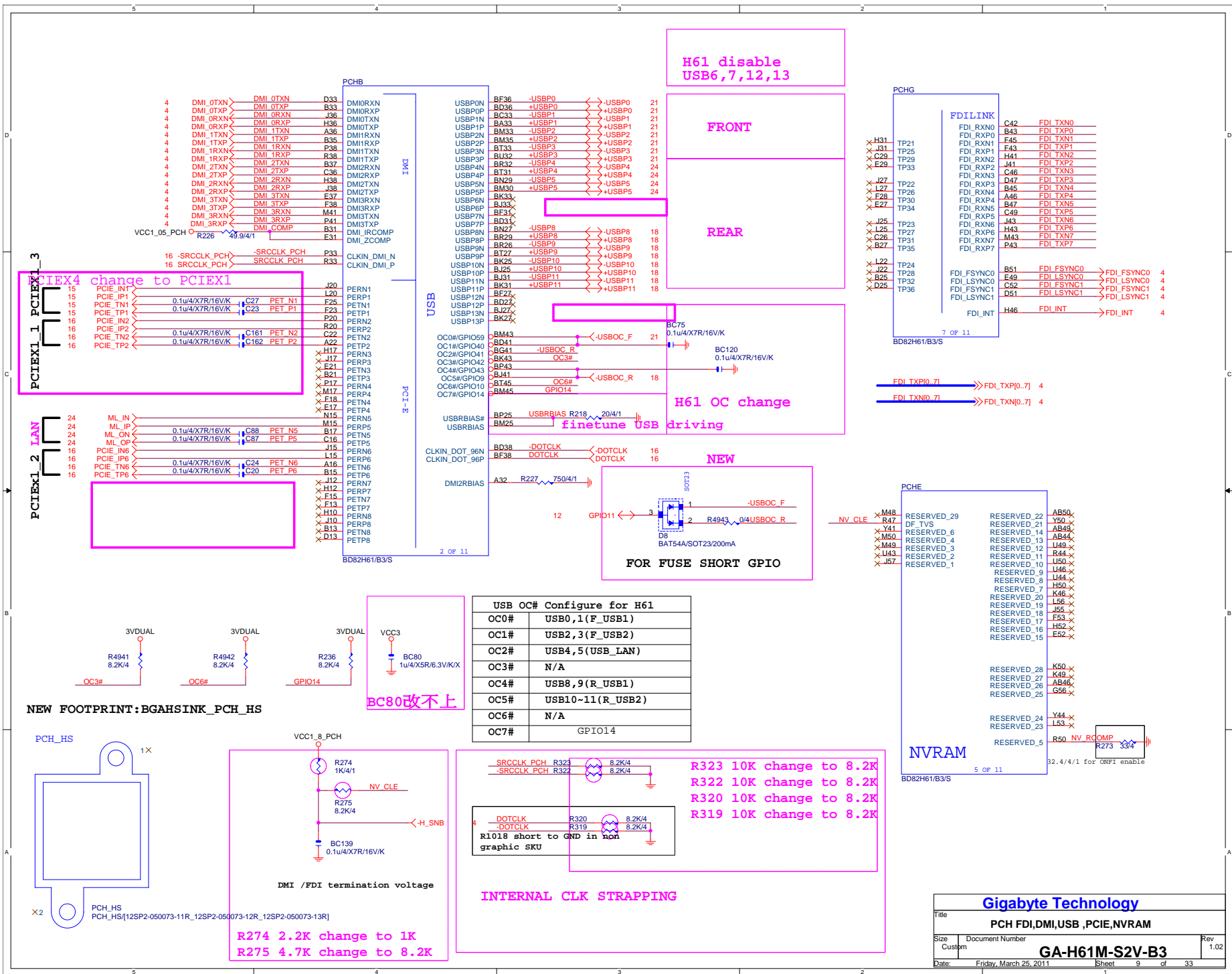
BLOCK DIAGRAM



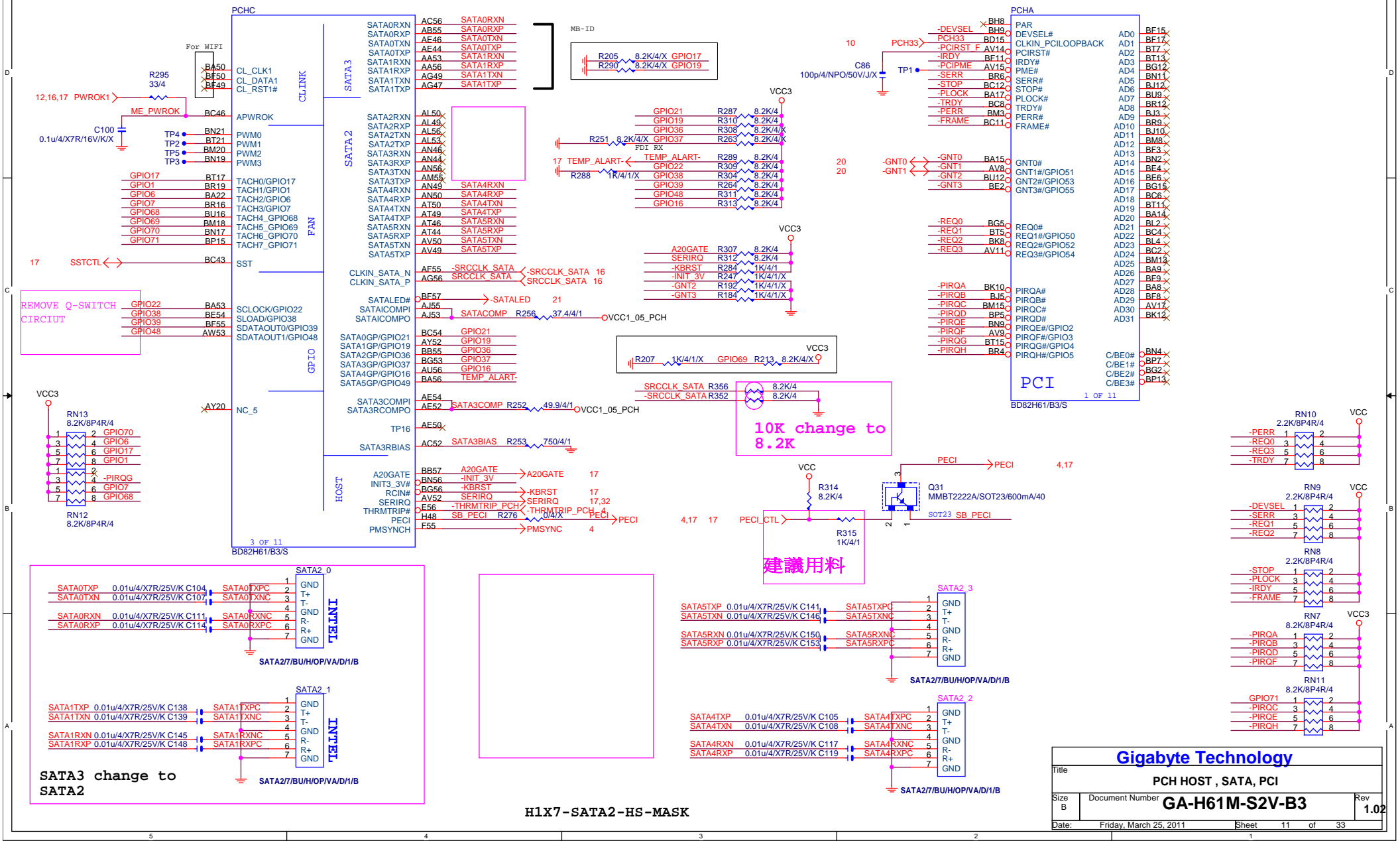
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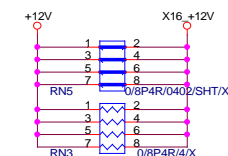
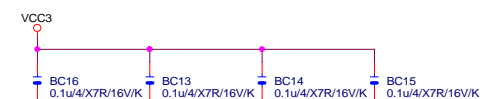
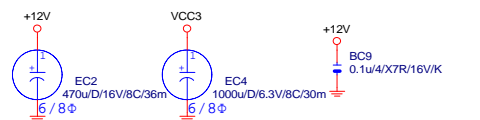
H61 SATA3.0 Disable



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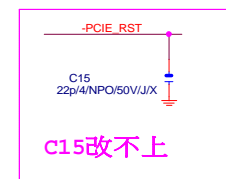
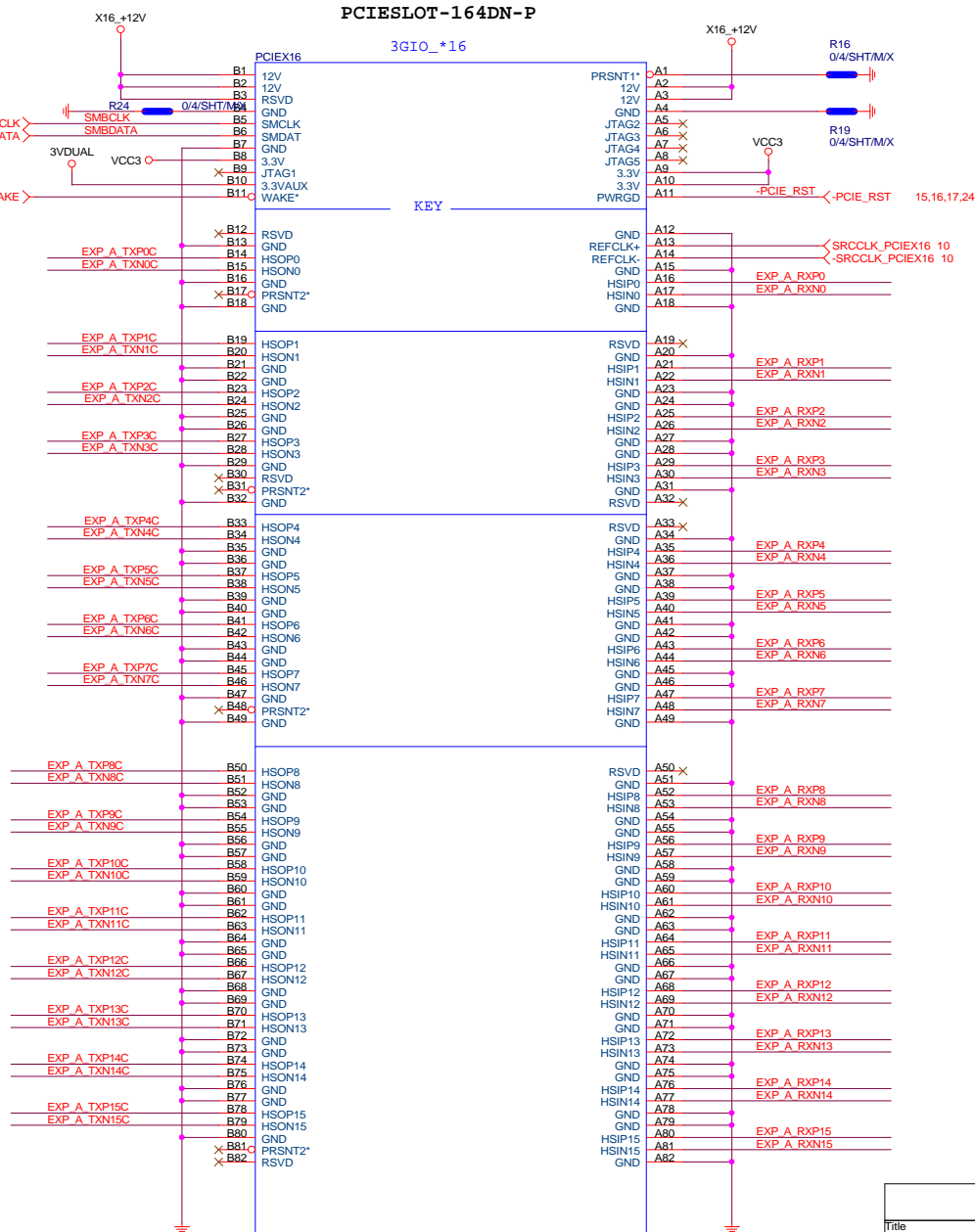
Title		
PCH HOST , SATA, PCI		
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EC6D_8D10MM-RH



EXP_A_RXP[0..15] >> EXP_A_RXP[0..15] 4
 EXP_A_RXN[0..15] >> EXP_A_RXN[0..15] 4
 EXP_A_TXP[0..15] >> EXP_A_TXP[0..15] 4
 EXP_A_TXN[0..15] >> EXP_A_TXN[0..15] 4

EXP_A_TXP0	C22	0.22u/4/X5R/6.3V/K	EXP_A_TXP0C
EXP_A_TXN0	C26	0.22u/4/X5R/6.3V/K	EXP_A_TXN0C
EXP_A_TXP1	C29	0.22u/4/X5R/6.3V/K	EXP_A_TXP1C
EXP_A_TXN1	C31	0.22u/4/X5R/6.3V/K	EXP_A_TXN1C
EXP_A_TXP2	C33	0.22u/4/X5R/6.3V/K	EXP_A_TXP2C
EXP_A_TXN2	C35	0.22u/4/X5R/6.3V/K	EXP_A_TXN2C
EXP_A_TXP3	C37	0.22u/4/X5R/6.3V/K	EXP_A_TXP3C
EXP_A_TXN3	C40	0.22u/4/X5R/6.3V/K	EXP_A_TXN3C
EXP_A_TXP4	C48	0.22u/4/X5R/6.3V/K	EXP_A_TXP4C
EXP_A_TXN4	C49	0.22u/4/X5R/6.3V/K	EXP_A_TXN4C
EXP_A_TXP5	C52	0.22u/4/X5R/6.3V/K	EXP_A_TXP5C
EXP_A_TXN5	C54	0.22u/4/X5R/6.3V/K	EXP_A_TXN5C
EXP_A_TXP6	C56	0.22u/4/X5R/6.3V/K	EXP_A_TXP6C
EXP_A_TXN6	C58	0.22u/4/X5R/6.3V/K	EXP_A_TXN6C
EXP_A_TXP7	C60	0.22u/4/X5R/6.3V/K	EXP_A_TXP7C
EXP_A_TXN7	C61	0.22u/4/X5R/6.3V/K	EXP_A_TXN7C
EXP_A_TXP8	C63	0.22u/4/X5R/6.3V/K	EXP_A_TXP8C
EXP_A_TXN8	C64	0.22u/4/X5R/6.3V/K	EXP_A_TXN8C
EXP_A_TXP9	C66	0.22u/4/X5R/6.3V/K	EXP_A_TXP9C
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EXP_A_TXP10	C69	0.22u/4/X5R/6.3V/K	EXP_A_TXP10C
EXP_A_TXN10	C70	0.22u/4/X5R/6.3V/K	EXP_A_TXN10C
EXP_A_TXP11	C71	0.22u/4/X5R/6.3V/K	EXP_A_TXP11C
EXP_A_TXN11	C72	0.22u/4/X5R/6.3V/K	EXP_A_TXN11C
EXP_A_TXP12	C74	0.22u/4/X5R/6.3V/K	EXP_A_TXP12C
EXP_A_TXN12	C75	0.22u/4/X5R/6.3V/K	EXP_A_TXN12C
EXP_A_TXP13	C77	0.22u/4/X5R/6.3V/K	EXP_A_TXP13C
EXP_A_TXN13	C78	0.22u/4/X5R/6.3V/K	EXP_A_TXN13C
EXP_A_TXP14	C79	0.22u/4/X5R/6.3V/K	EXP_A_TXP14C
EXP_A_TXN14	C80	0.22u/4/X5R/6.3V/K	EXP_A_TXN14C
EXP_A_TXP15	C82	0.22u/4/X5R/6.3V/K	EXP_A_TXP15C
EXP_A_TXN15	C83	0.22u/4/X5R/6.3V/K	EXP_A_TXN15C

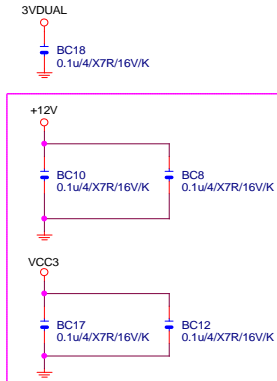


c15改不上

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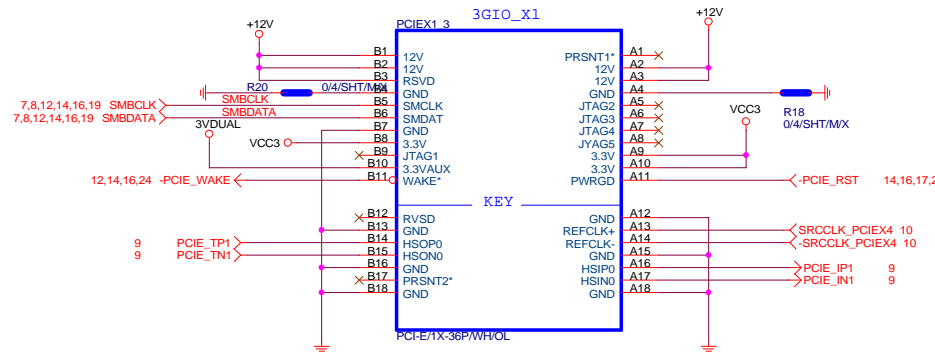
Title			PCI EXPRESS * 16
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PCIESLOT-64D-98D-P



BC8 BC12改不上

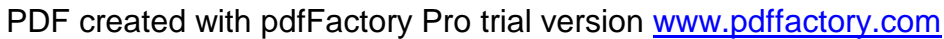
REMOVE RN

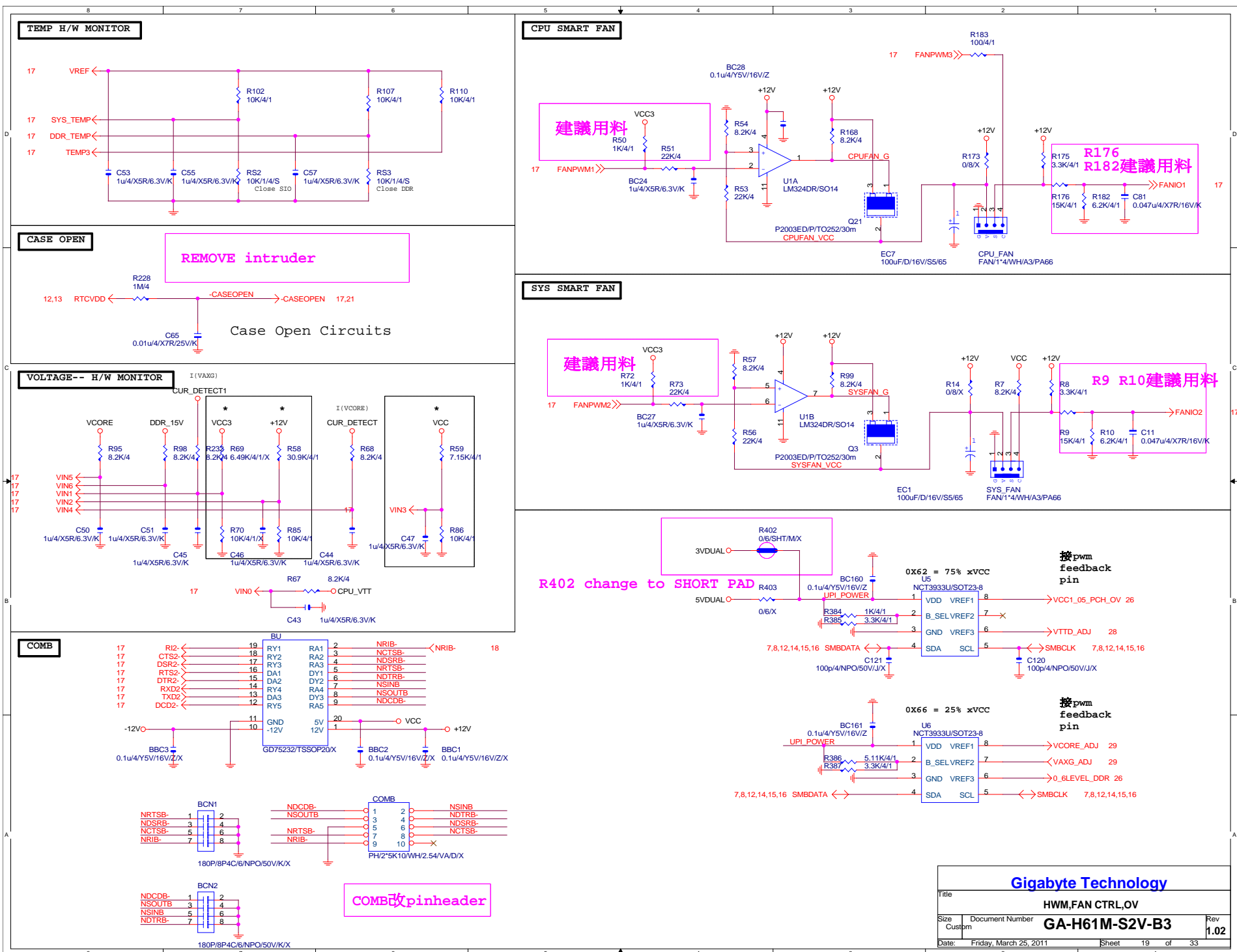


PCIEEX4 change to PCIEEX1

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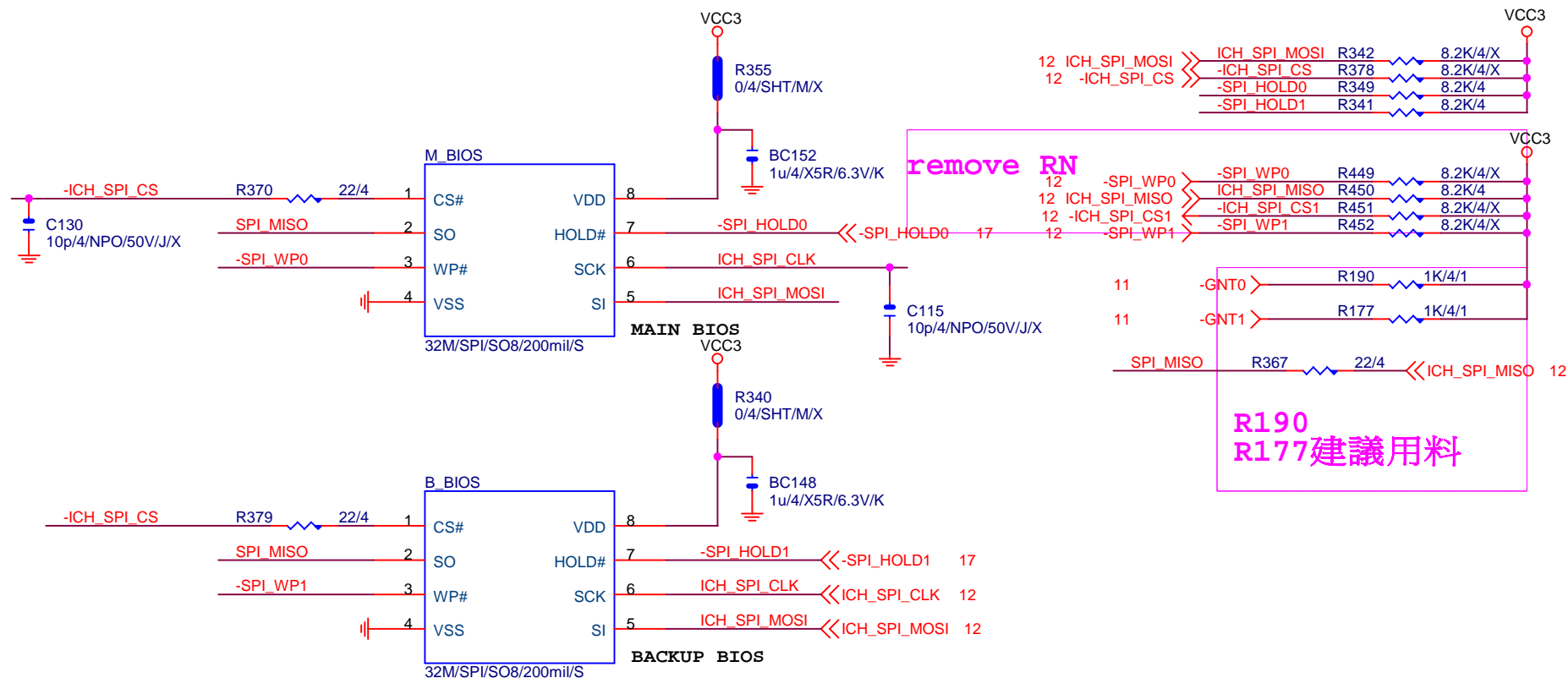
Title			PCI EXPRESS X 4 PORT
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DUAL BIOS

R349 R341 改上件 for ITE 8728 DX

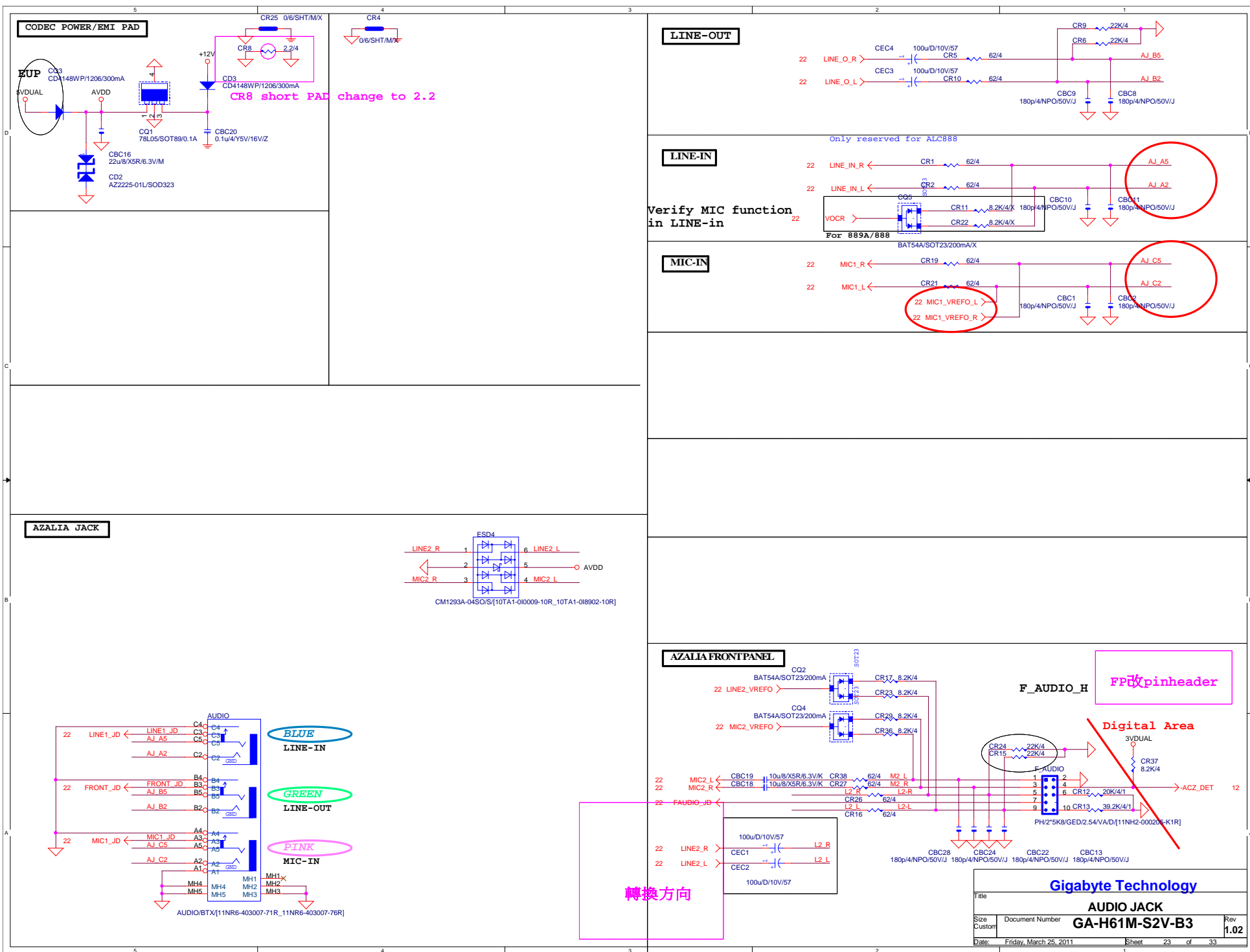


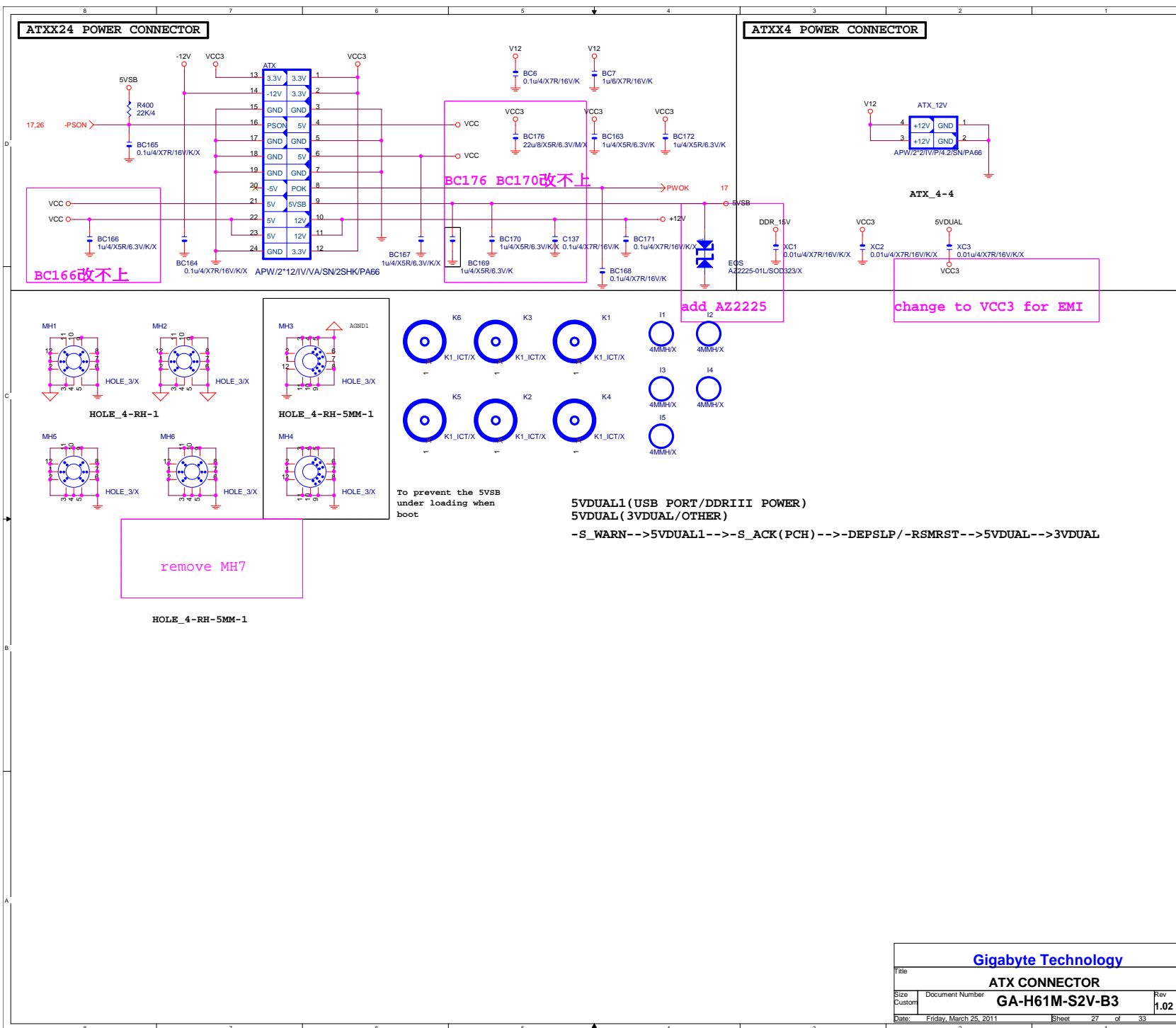
BOOT DEVICE	GNT1	GNT0
LPC	0	0
PCI	0	1
SPI	1	1

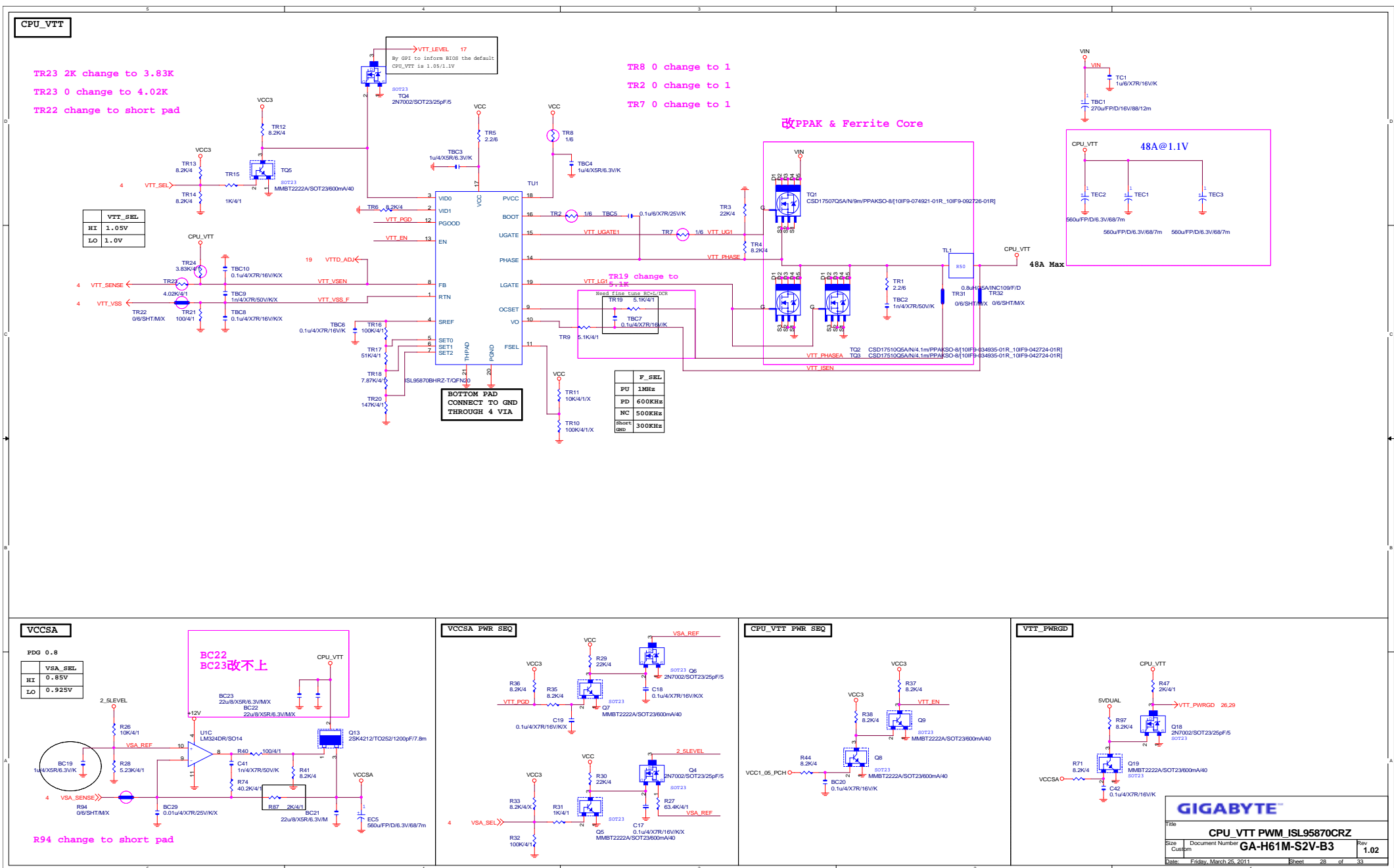
1 means floating
0 means PD 1K

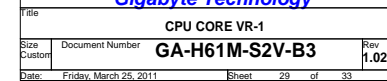
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DUAL BIOS		
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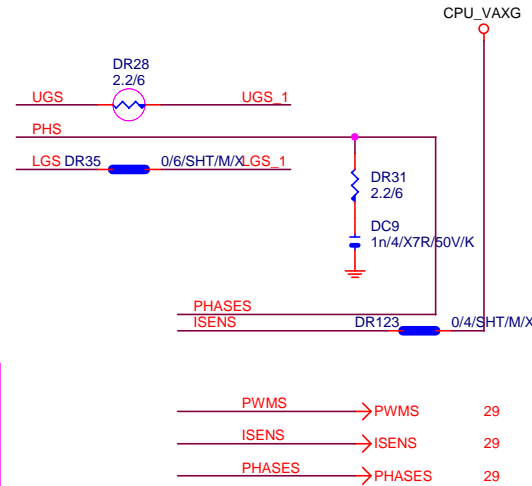
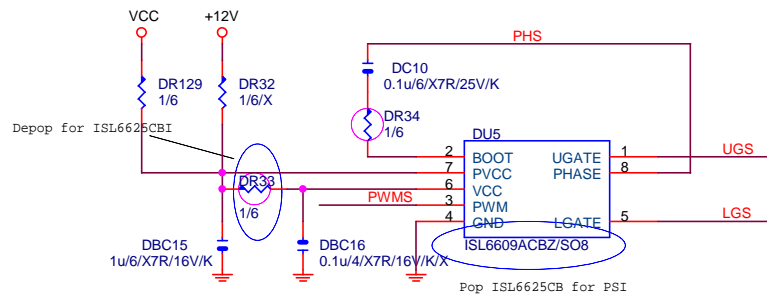




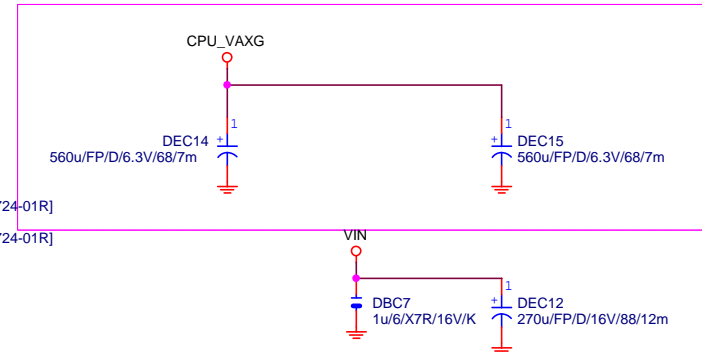
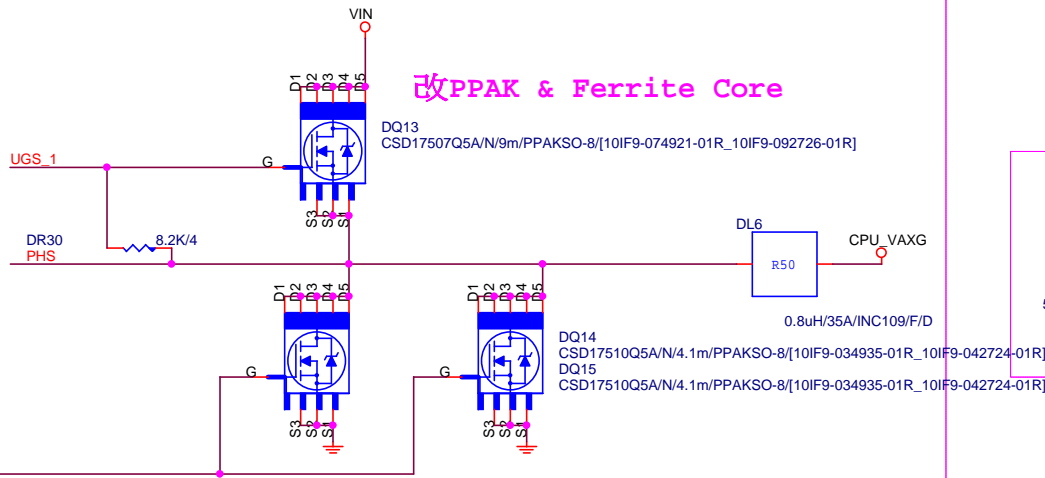


VAXG

DR33 0 change to 1
DR34 0 change to 1
DR28 0 change to 2.2

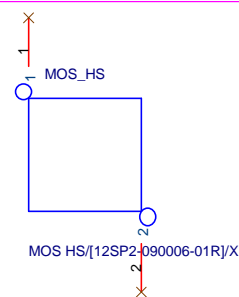


改PPAK & Ferrite Core



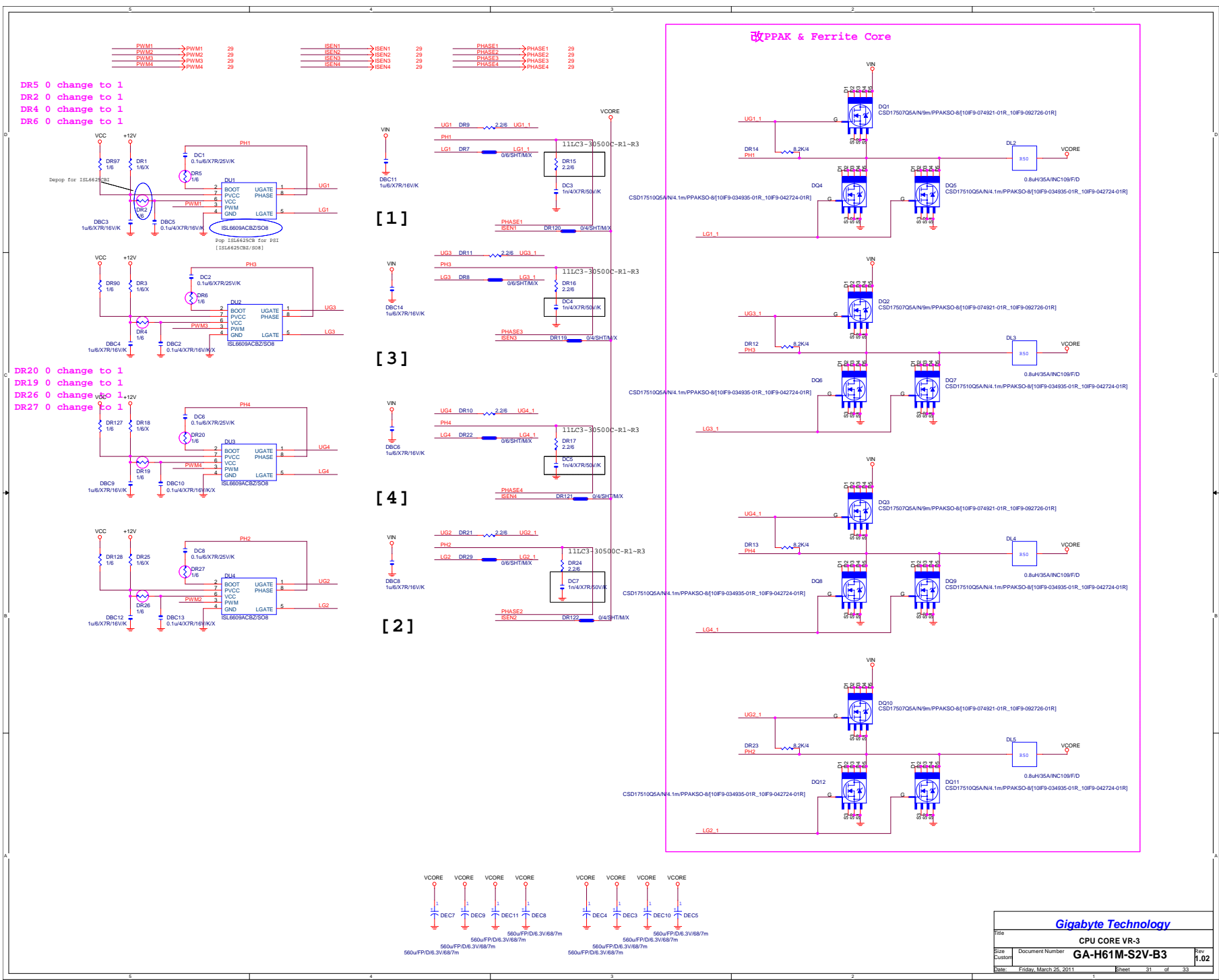
MOS HEATSINK

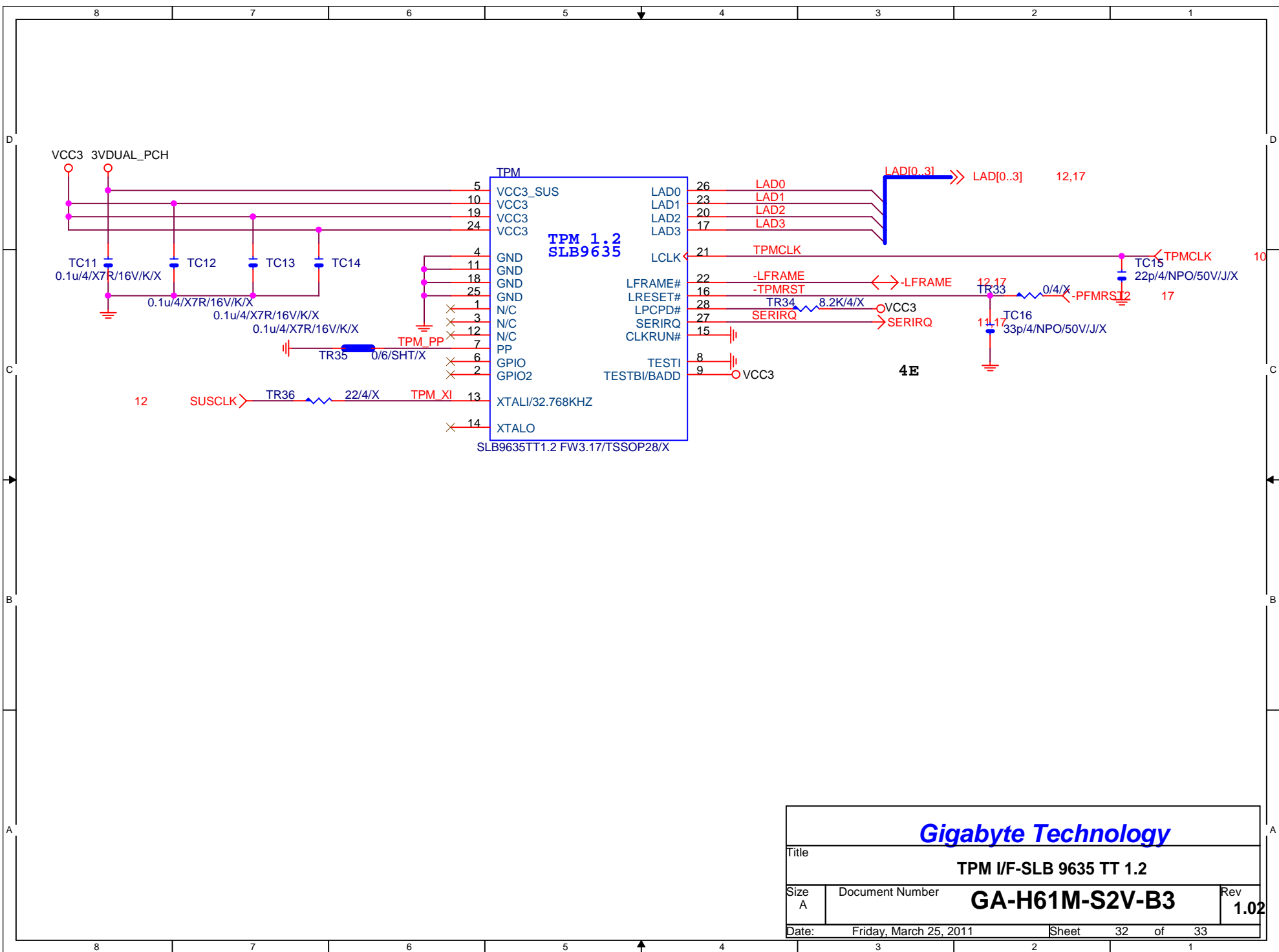
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TPM I/F-SLB 9635 TT 1.2

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A

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