

Model Name: GA-H61M-DS2

Revision 1.21

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*1x2 SLOT
16	ITE 8728 LPC IO
17	COMA,KB_MS,R_USB,-PROCHOT
18	HWM,FAN CTRL,OV
19	DUAL BIOS
20	FP,FUSB,SPK,SATALED
21	ALC887
22	REAR AUDIO JACK
23	REALTEK 8111E/USB_LAN
24	DISCRETE POWER
25	ATX,-S_WARN,-S_ACK,5VDUAL
26	ISL95870_CPU_VTT
27	VCORE ISL6364_1

28	VCORE ISL6364_2
29	VCORE ISL6364_3
30	LPT

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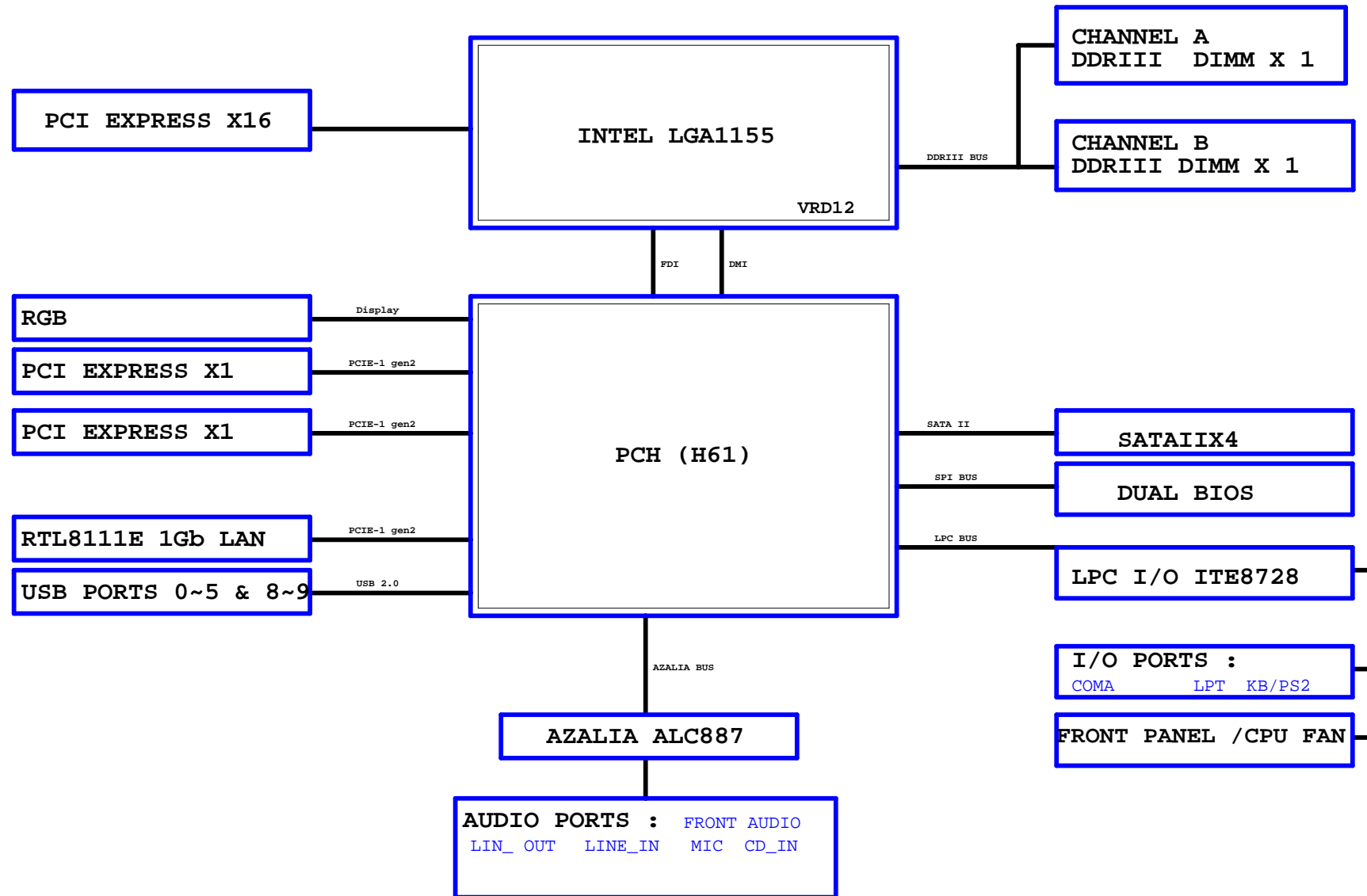
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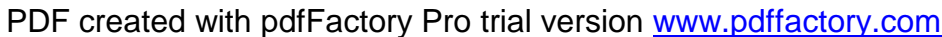
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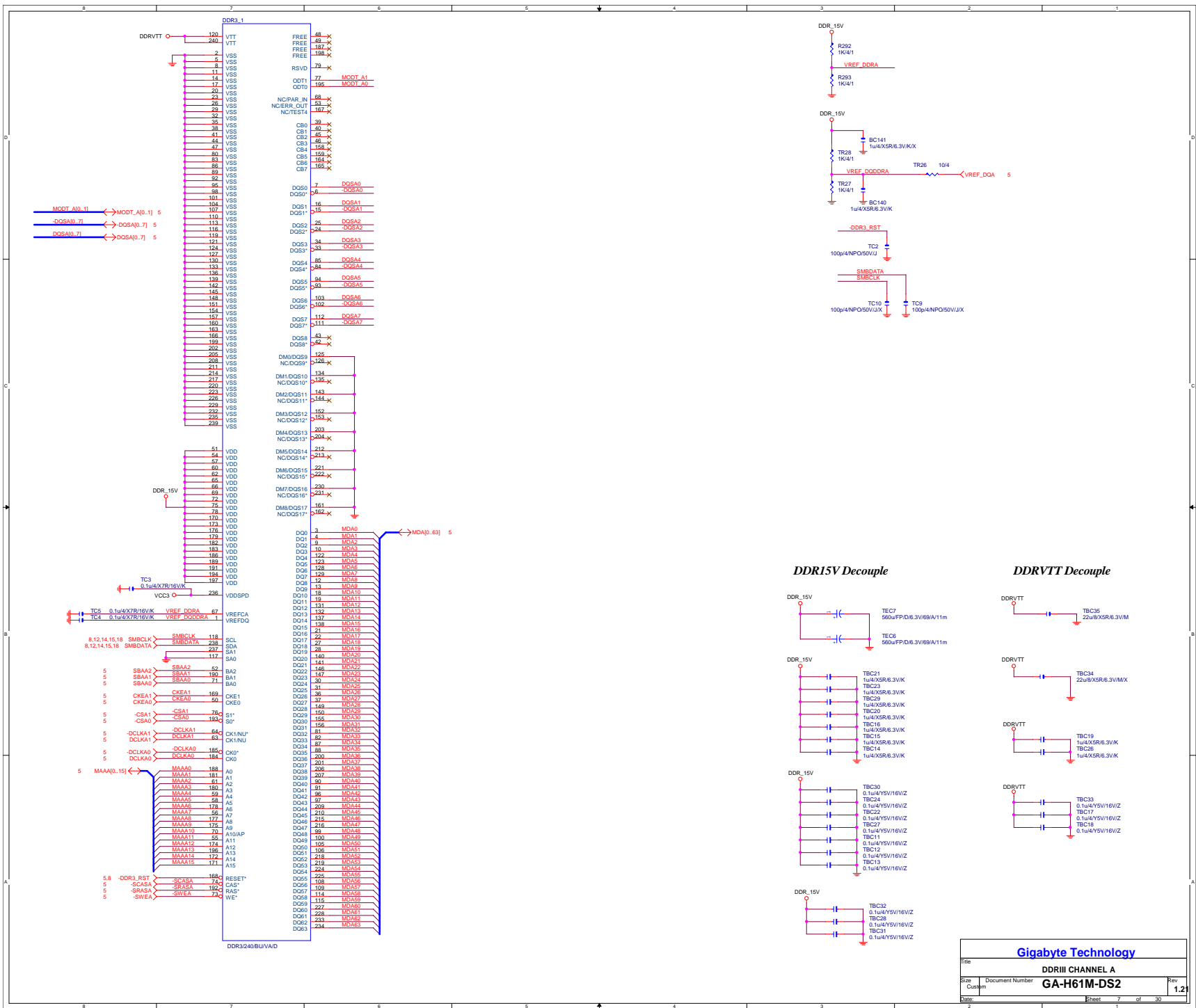
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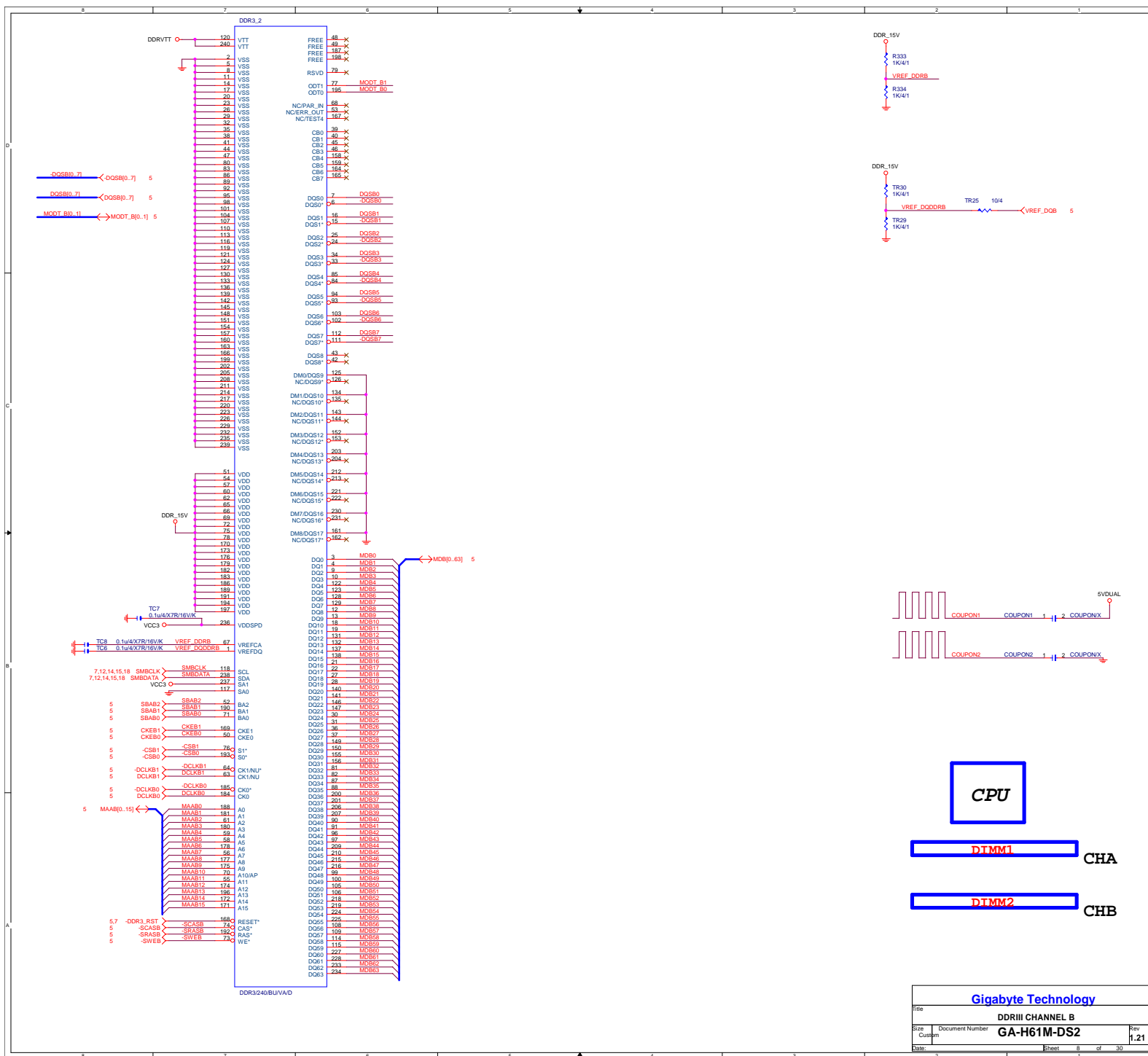
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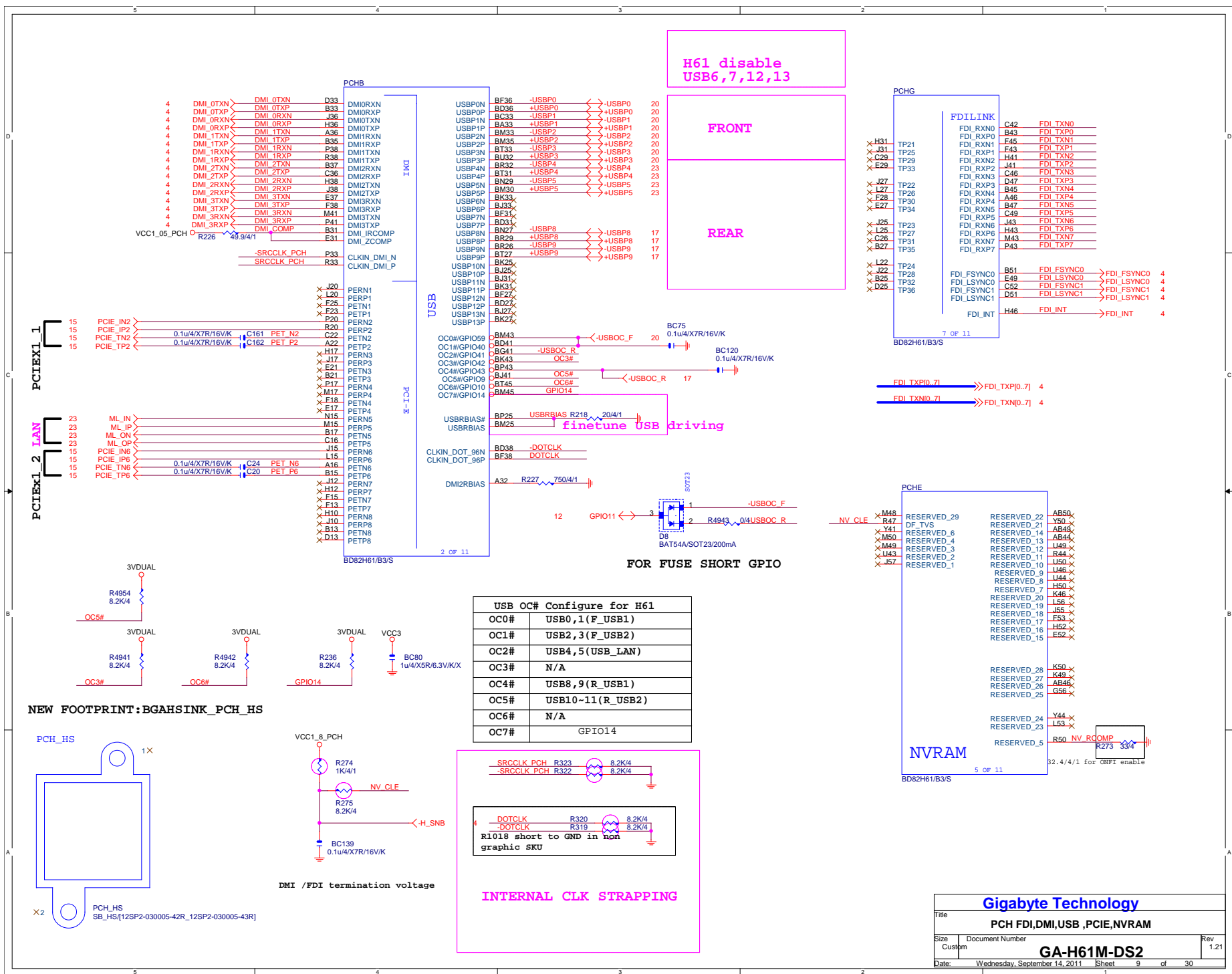


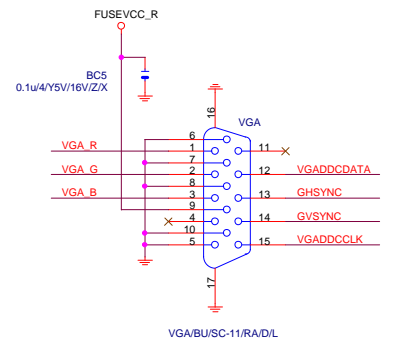
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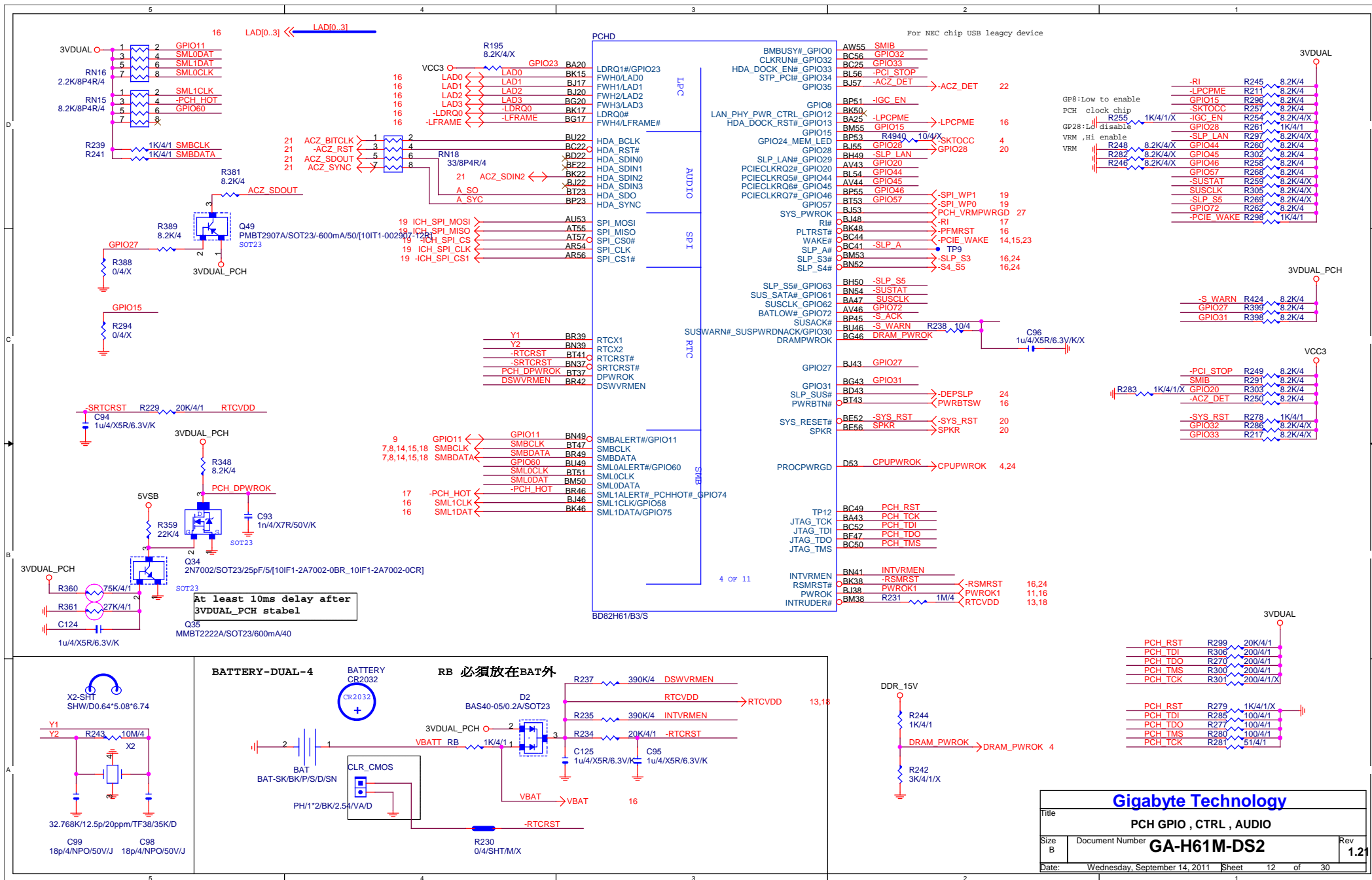




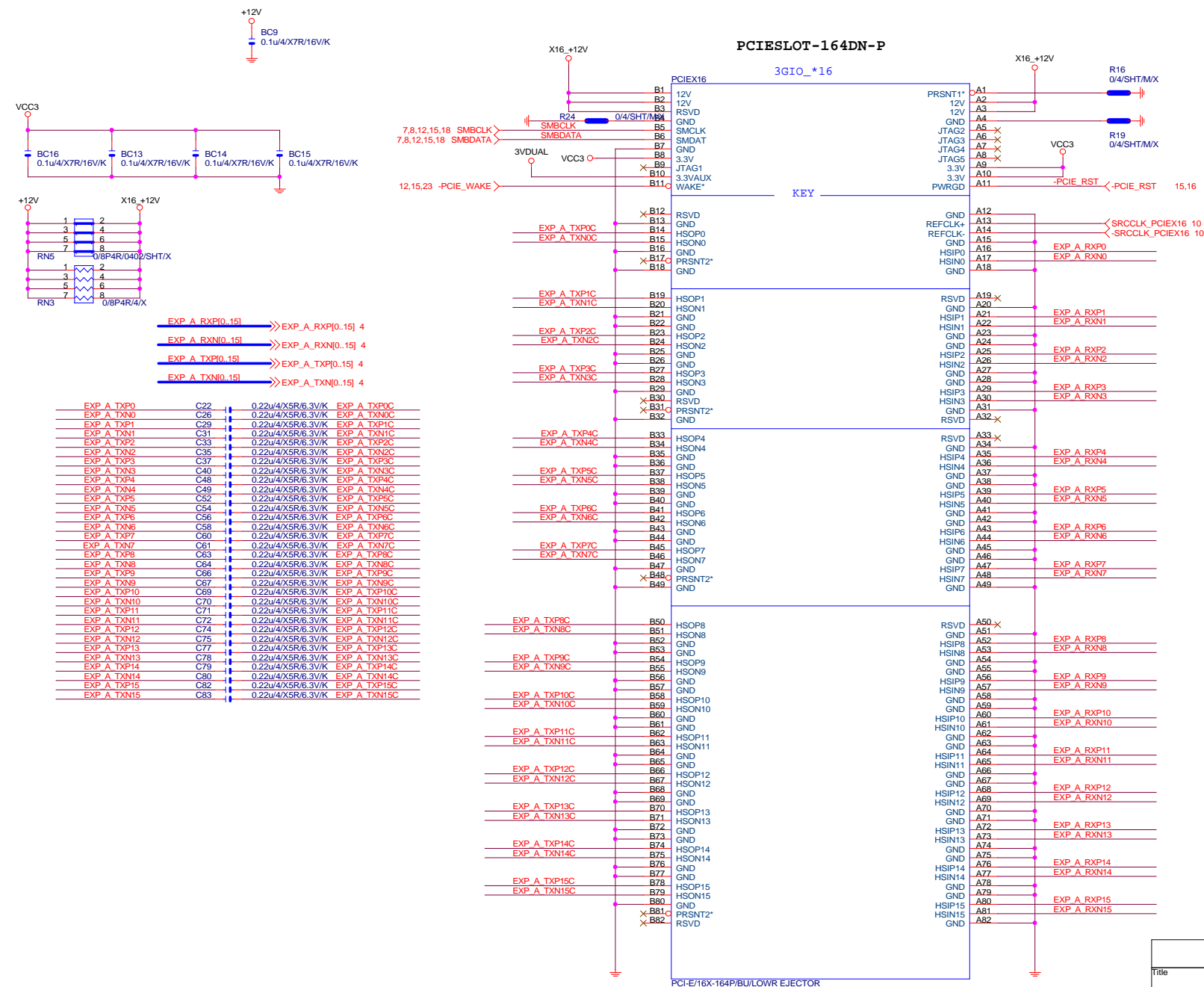




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Title PCH DISPLAY ,CLK BUFFER			
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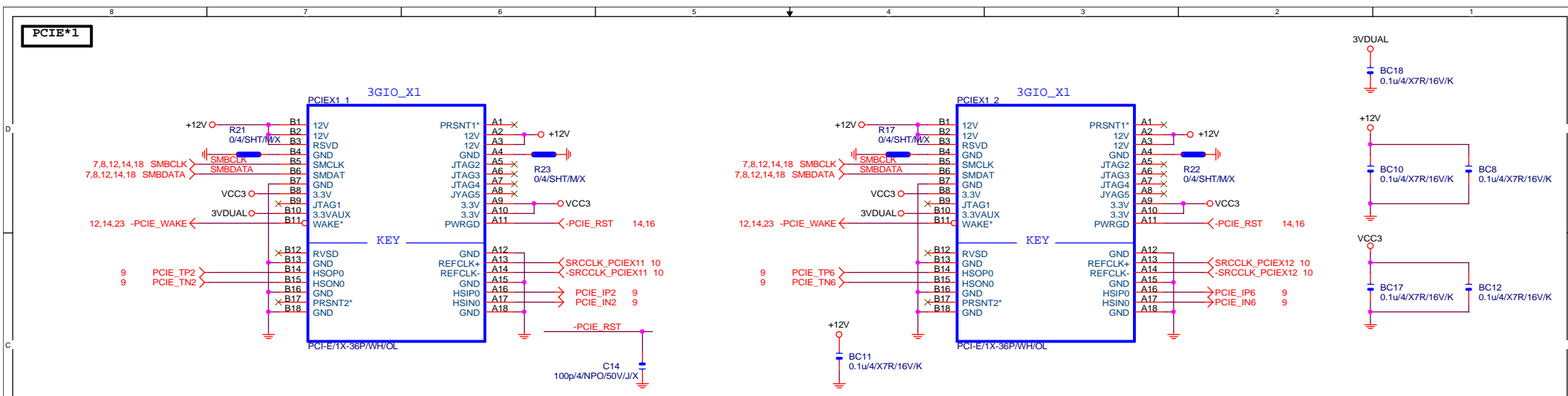


EC6D_8D10MM-RH



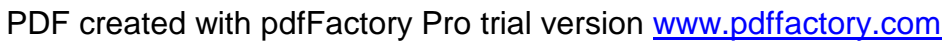
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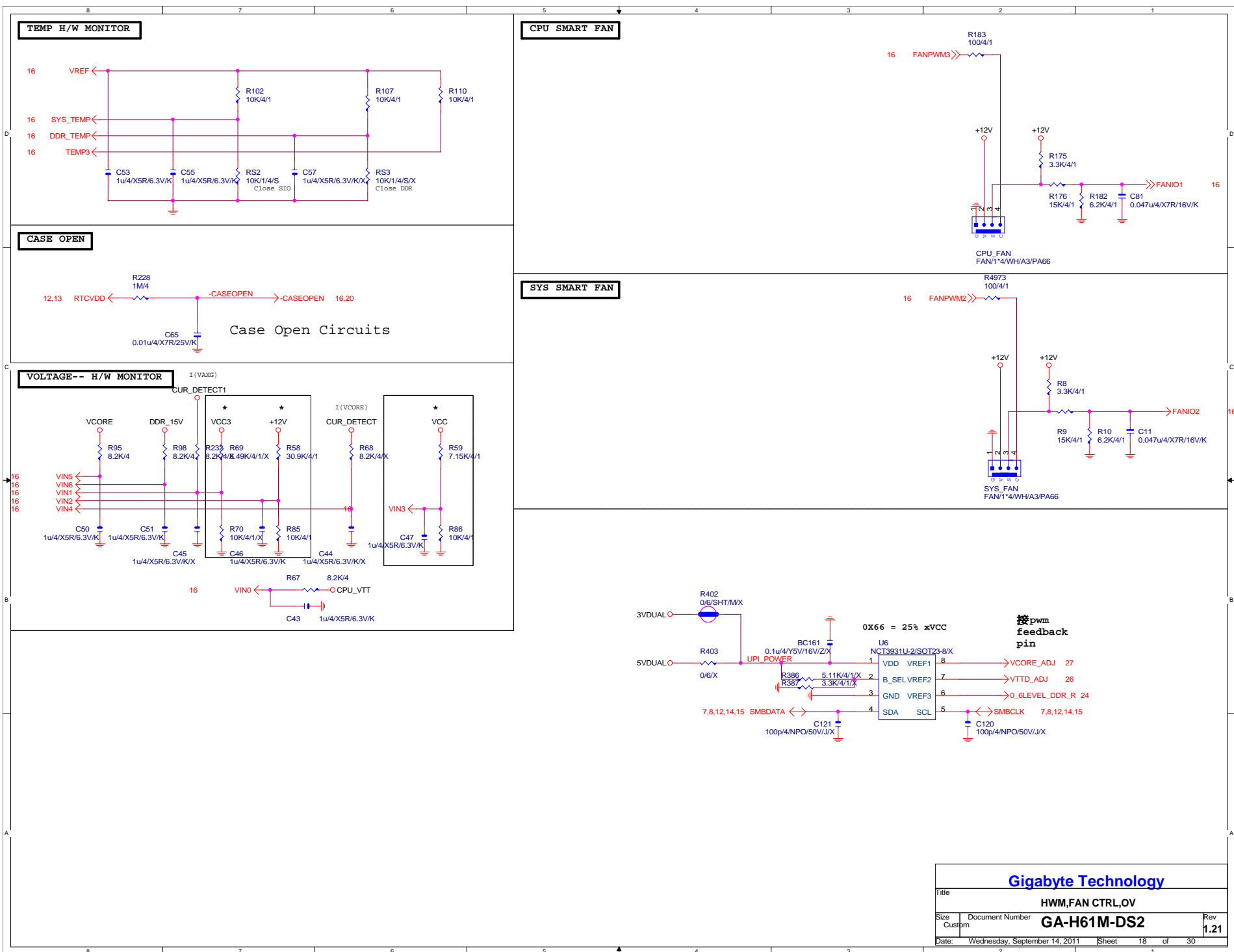
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PCI EXPRESS * 16			
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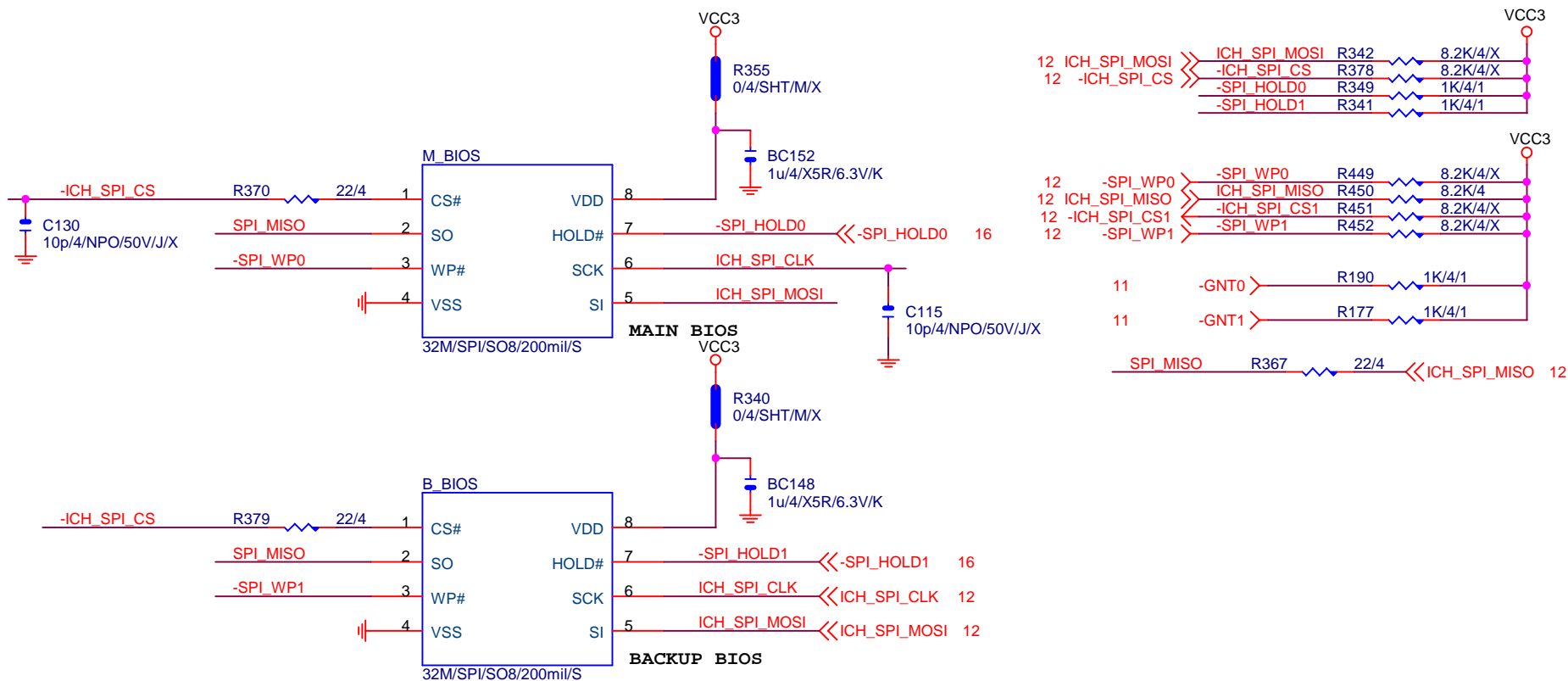
CLK GEN

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PCIEX1,X2/CLK GEN			
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DUAL BIOS

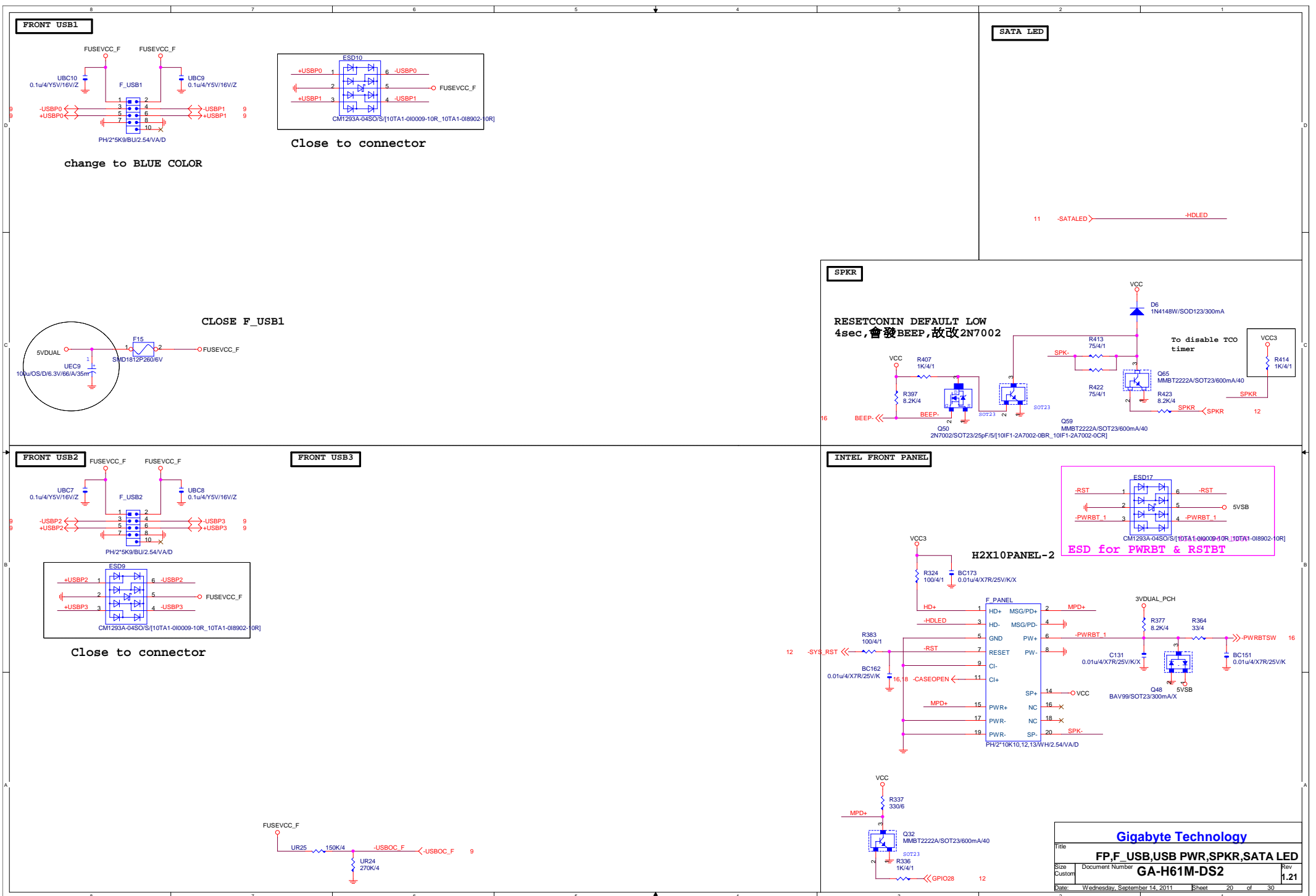


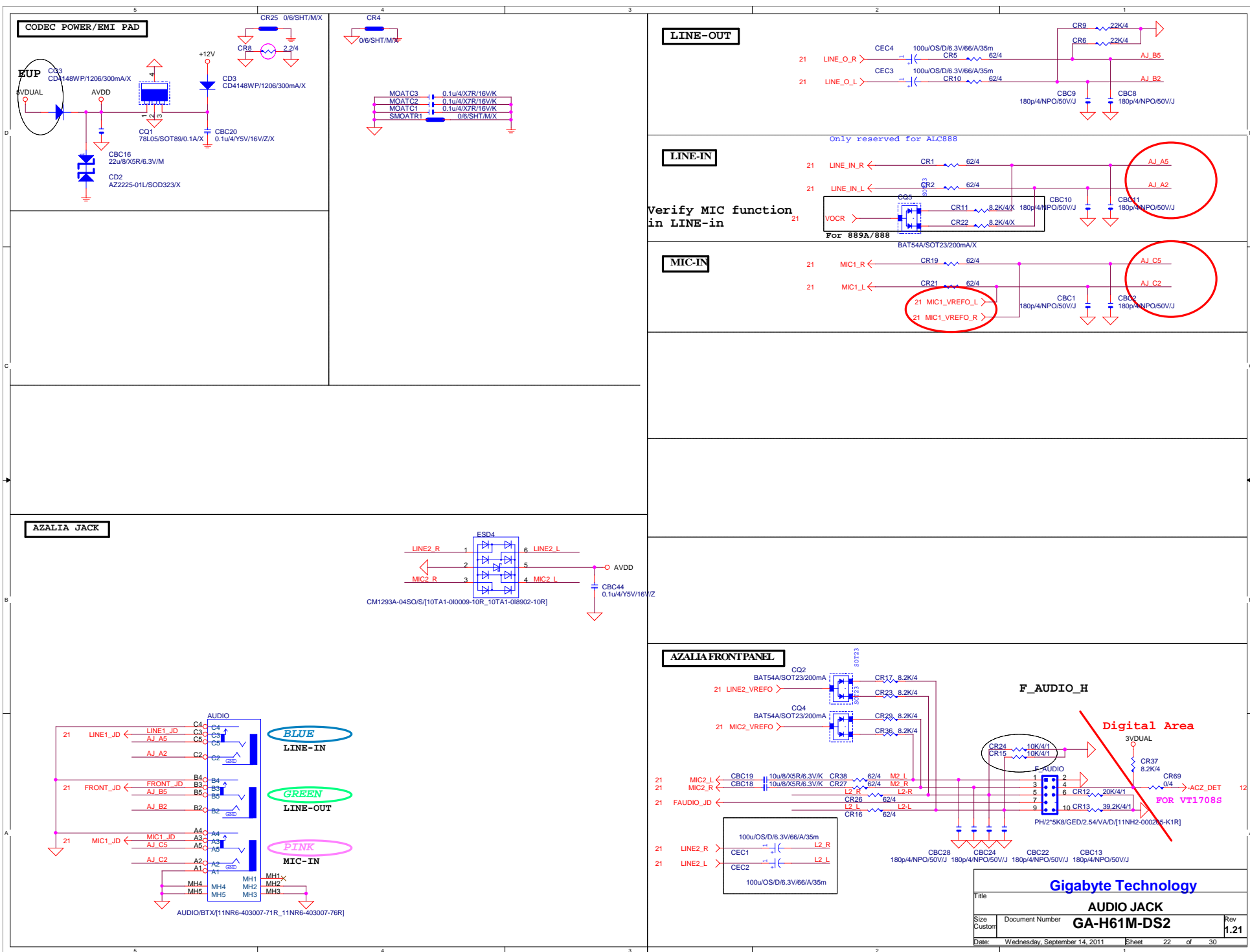
BOOT DEVICE	GNT1	GNT0
LPC	0	0
PCI	0	1
SPI	1	1

1 means floating
0 means PD 1K

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DUAL BIOS		
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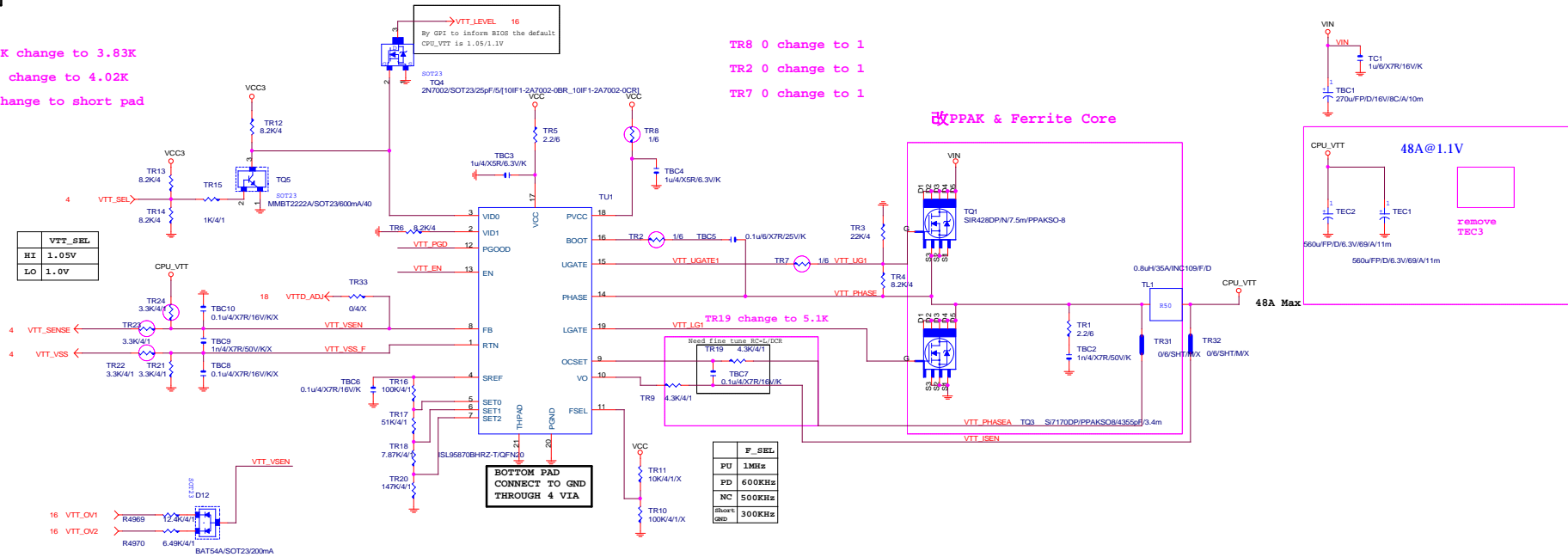




CPU_VTT

TR23 2K change to 3.83K
TR23 0 change to 4.02K
TR22 change to short pad

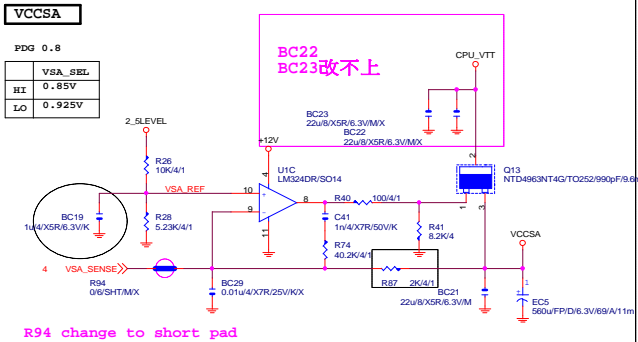
```
TR8 0 change to 1
TR2 0 change to 1
TR7 0 change to 1
```



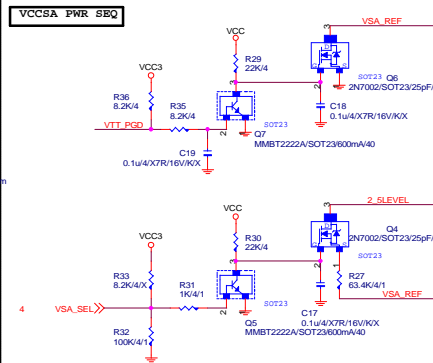
VCCSA

PDG 0.8

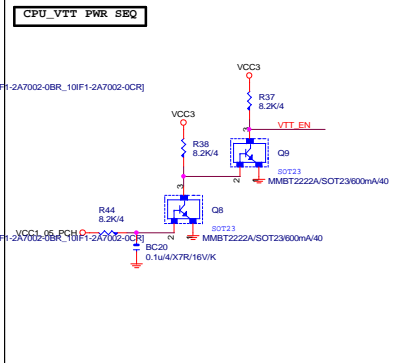
	VSA_SEL
HI	0.85V
LO	0.925V



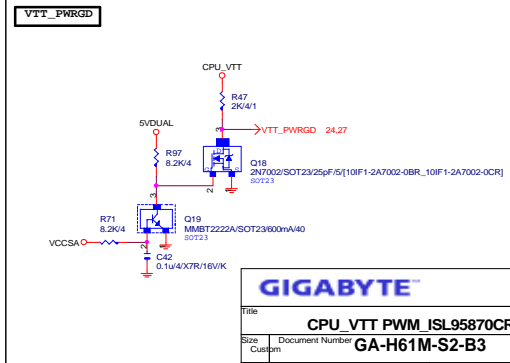
VCCSA PWR SEQ



CPU_VTT	PWR	SEQ
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VTT_PWRGD

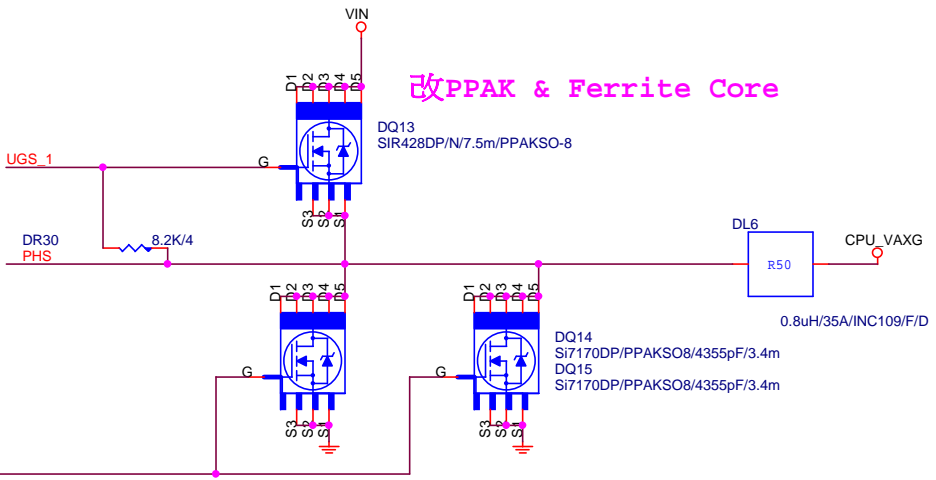
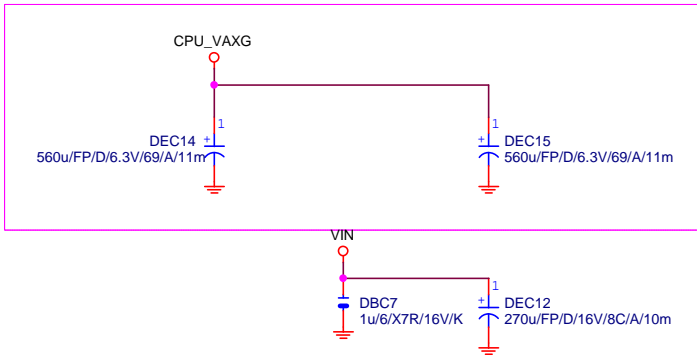
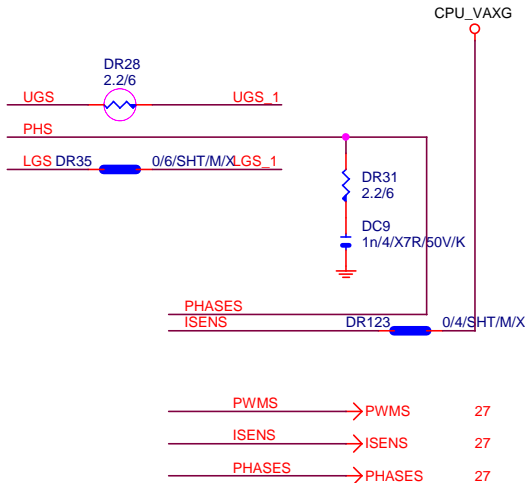
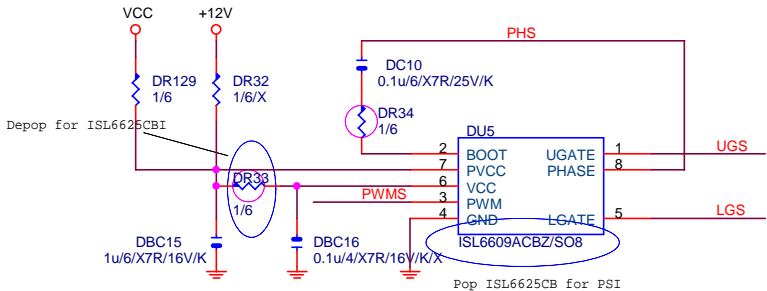


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CPU_VTT PWM_ISL95870CRZ			
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VAXG

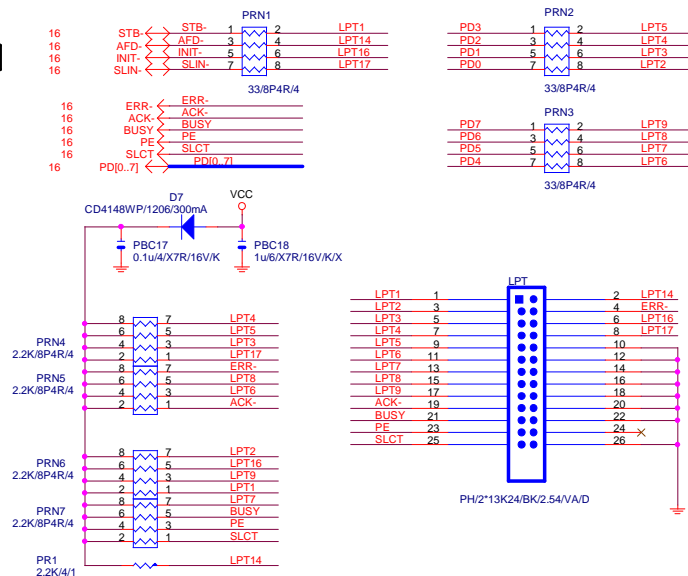
```
DR33 0 change to 1
DR34 0 change to 1
DR28 0 change to 2.2
```



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CPU CORE VR-2			
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LPT PORT



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