

**Model Name: GA-H61M-DS2****Revision 2.01****SHEET****TITLE****SHEET****TITLE**

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
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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
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21	ALC887
22	REAR AUDIO JACK
23	REALTEK 8111E/USB_LAN
24	DISCRETE POWER
25	ATX,-S_WARN,-S_ACK,5VDUAL
26	Richtek_RT8120_CPU_VTT
27	VCORE INTERSIL_95836_1

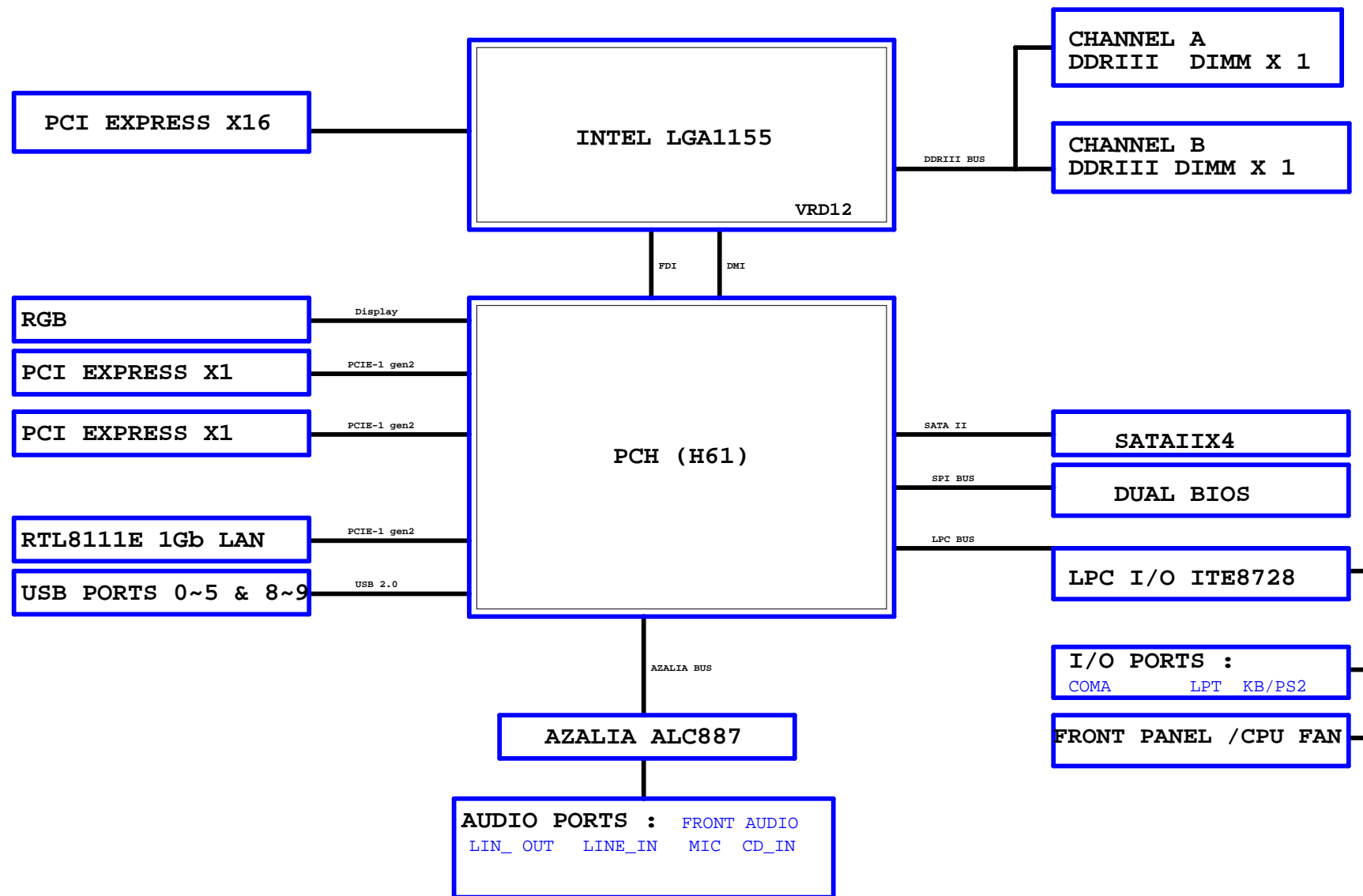
28	VCORE INTERSIL_95836_2
29	VCORE INTERSIL_95836_3
30	LPT

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# BLOCK DIAGRAM



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BLOCK DIAGRAM			
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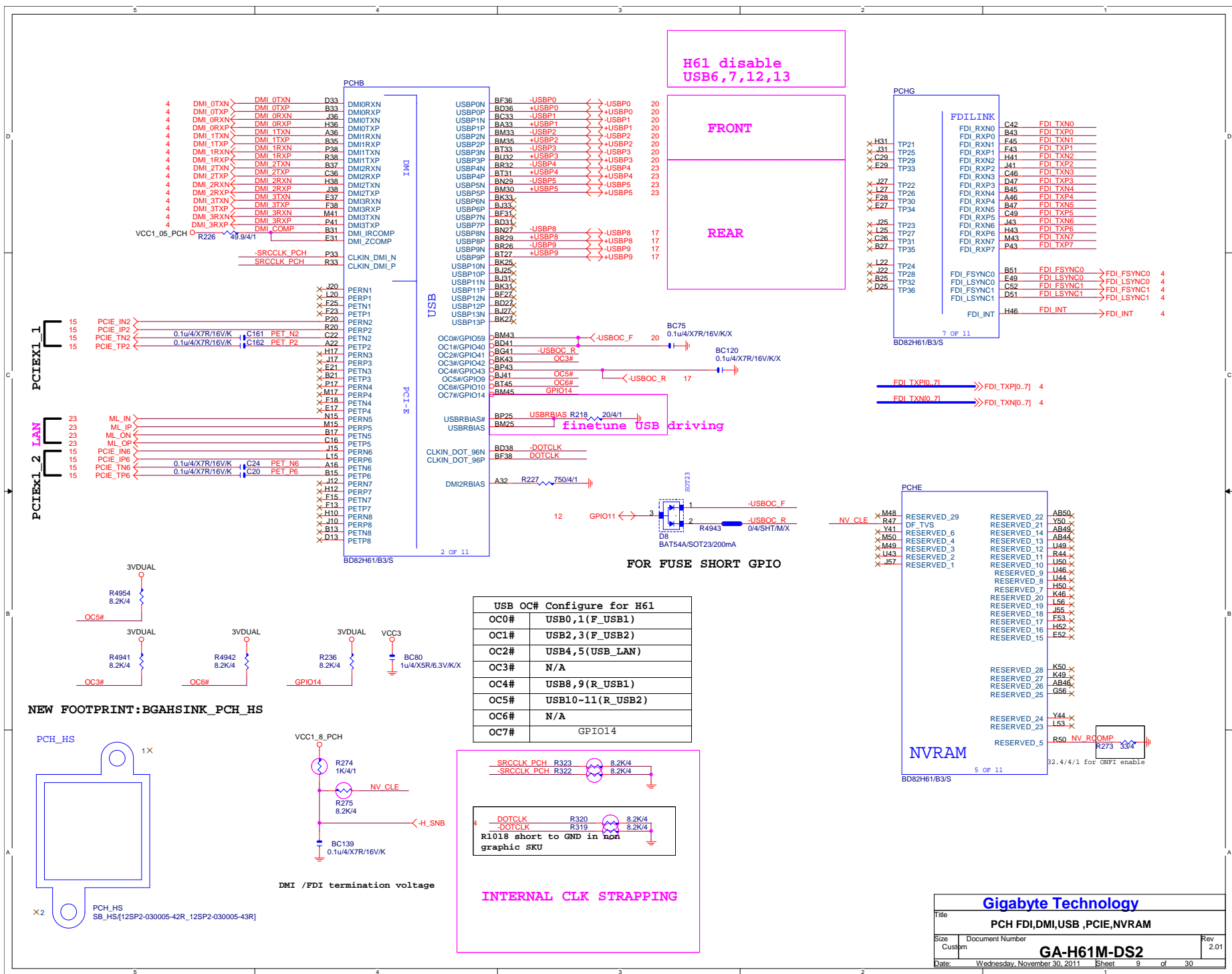


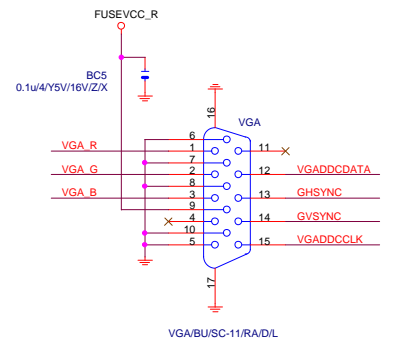
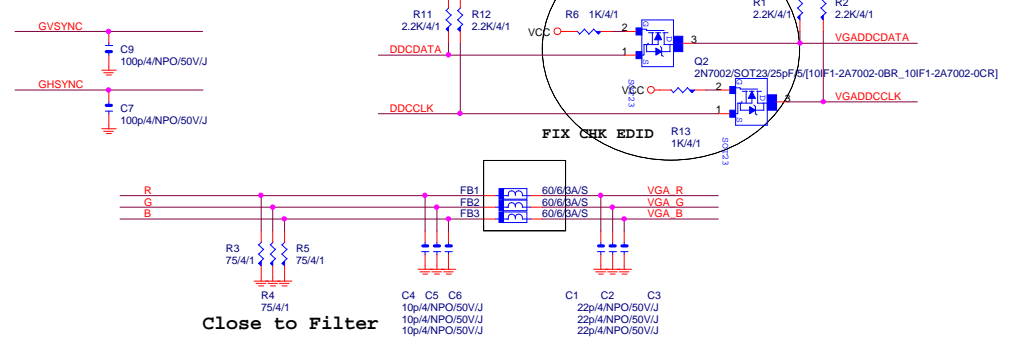
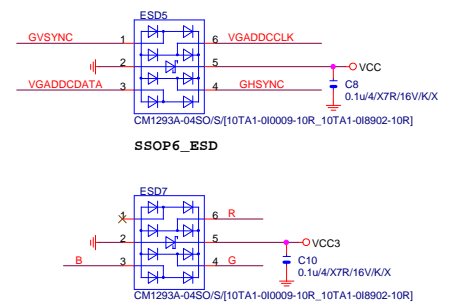
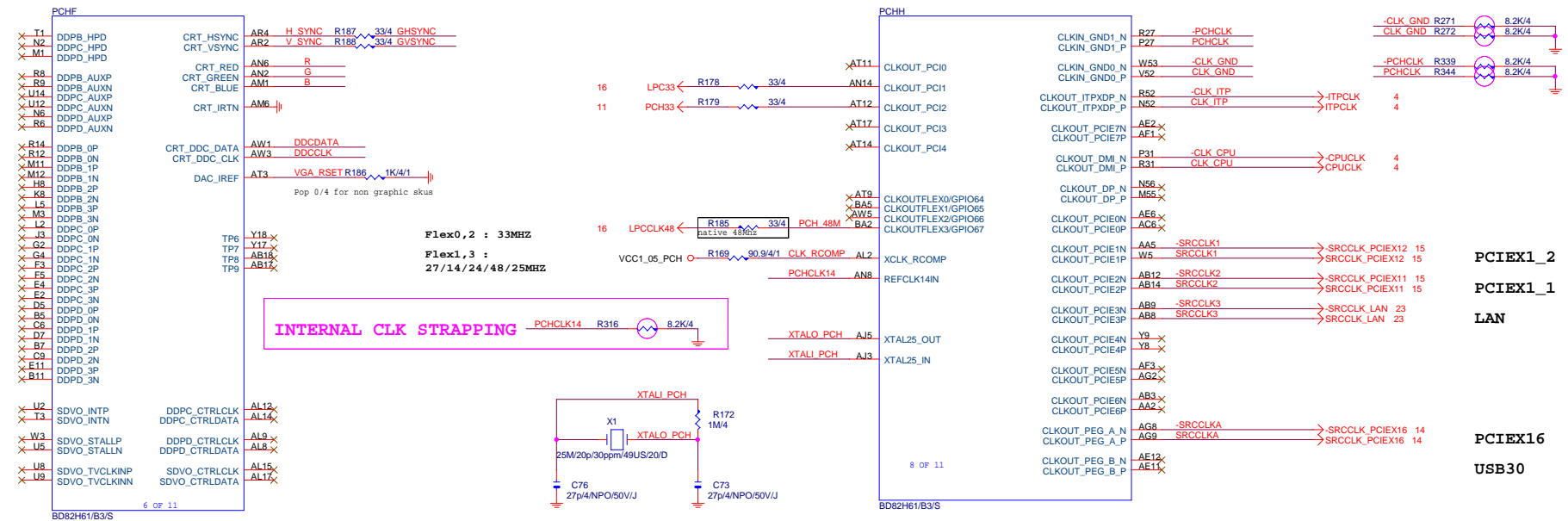








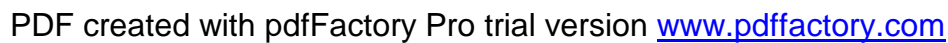




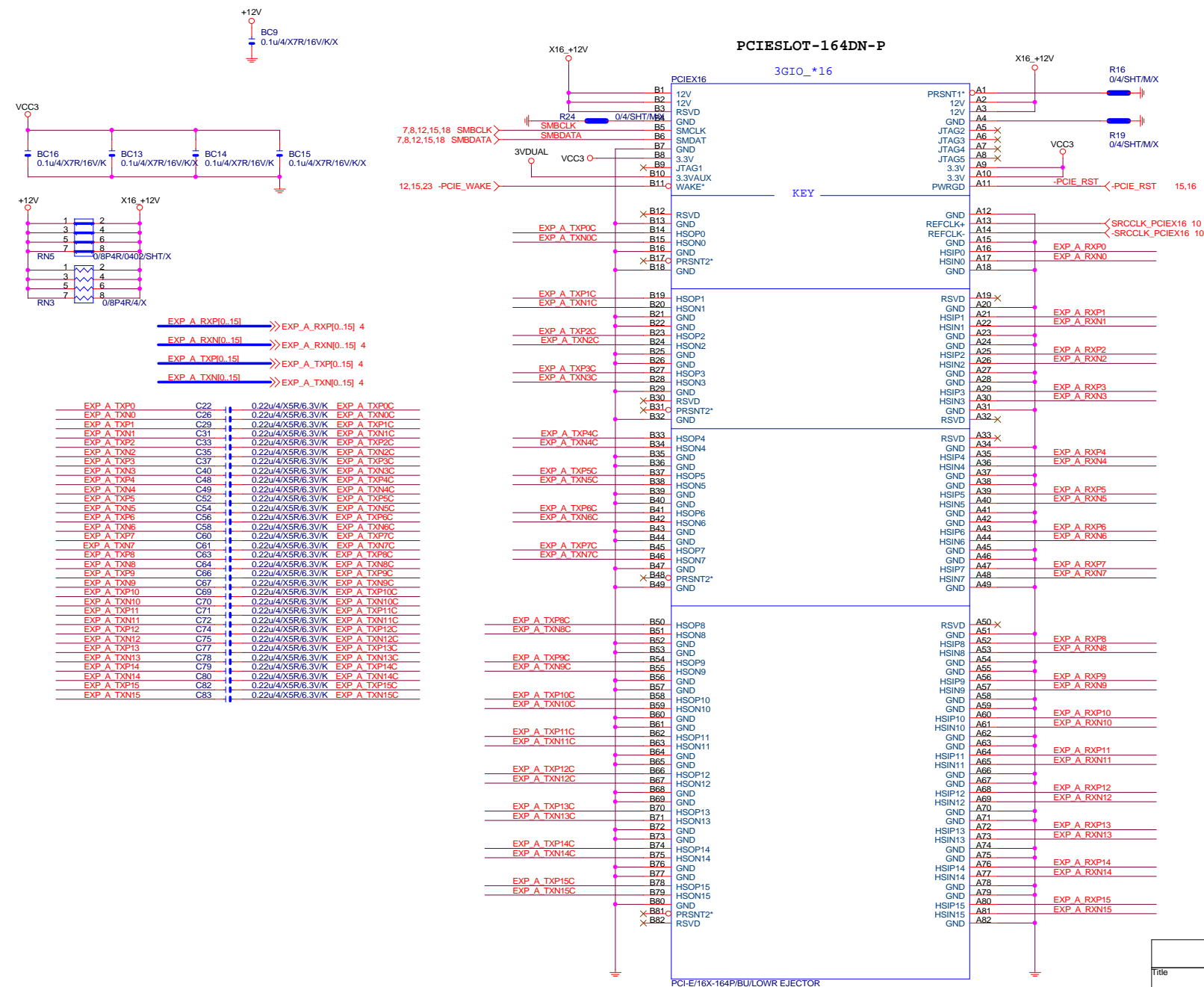
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PCH DISPLAY, CLK BUFFER			
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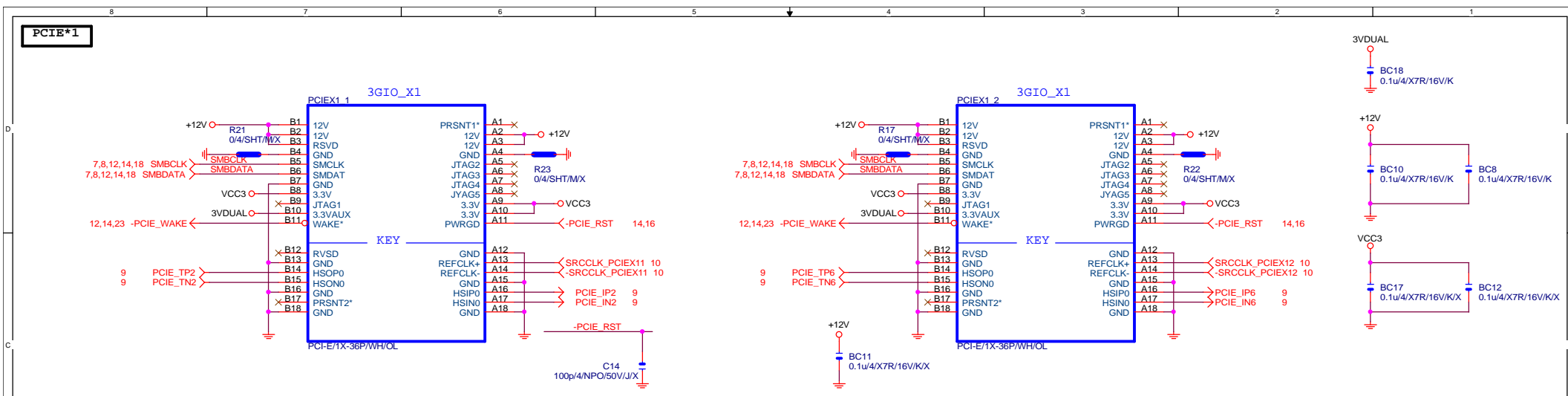


EC6D\_8D10MM-RH



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PCI EXPRESS * 16			
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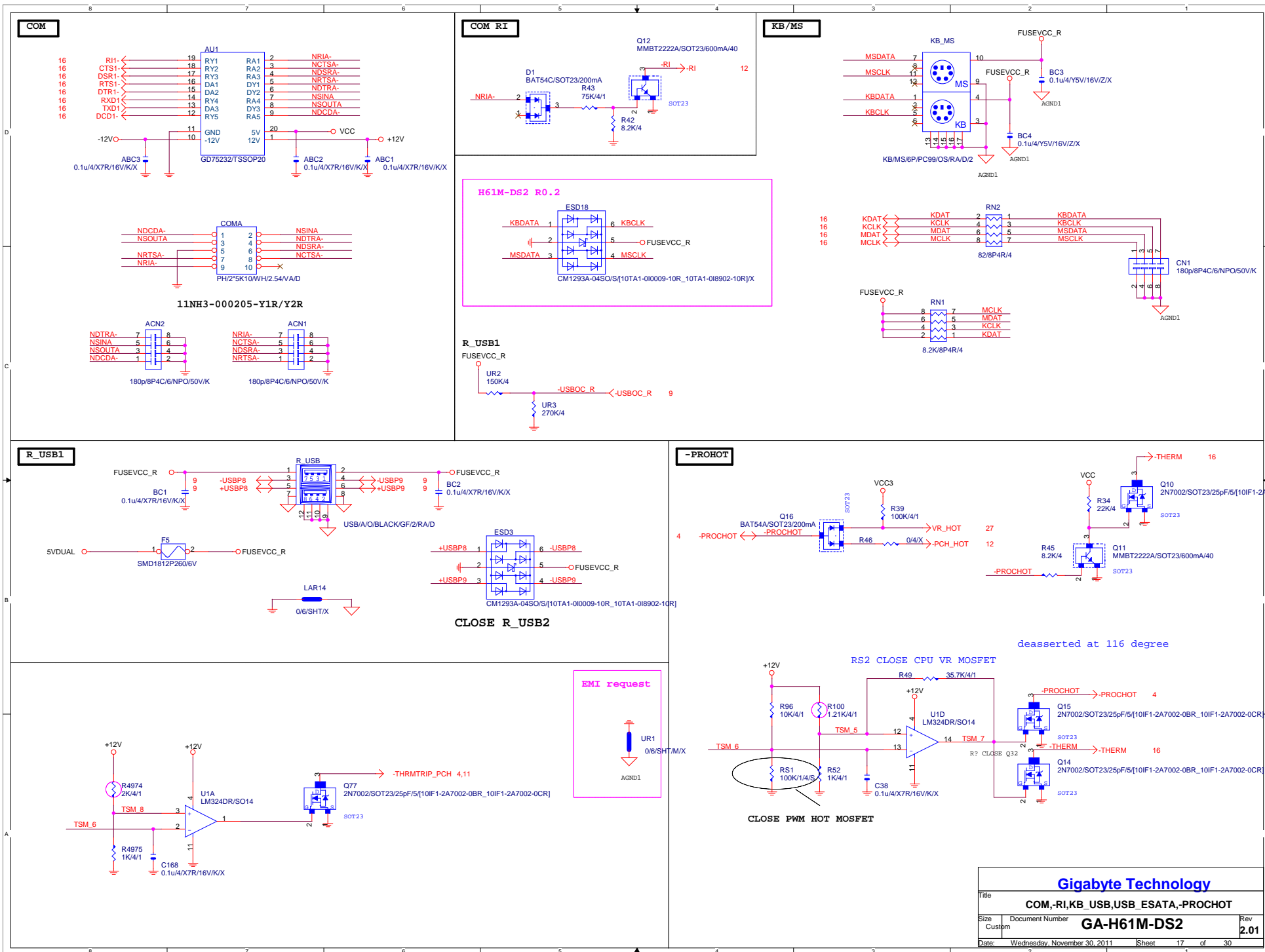


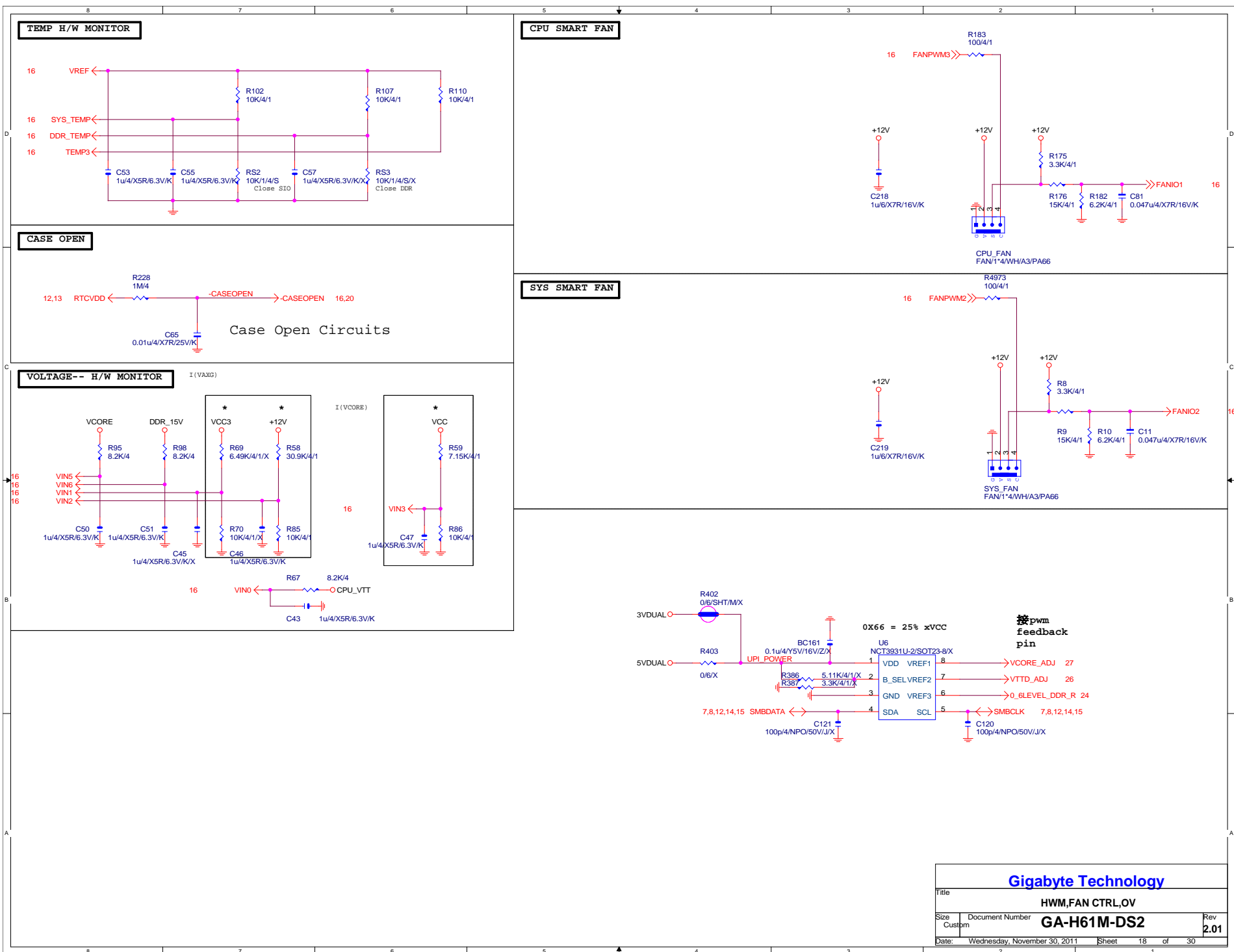
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PCIEX1,X2/CLK GEN			
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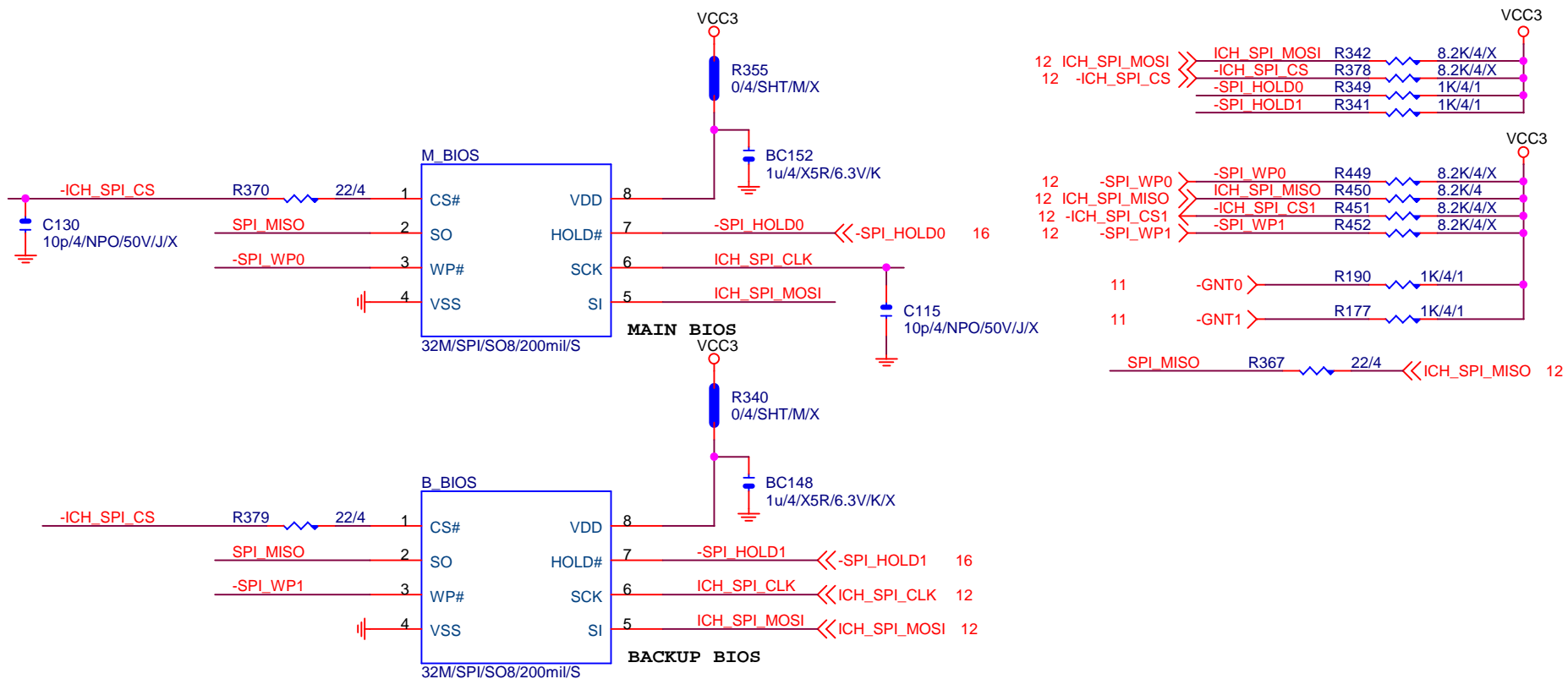








# DUAL BIOS

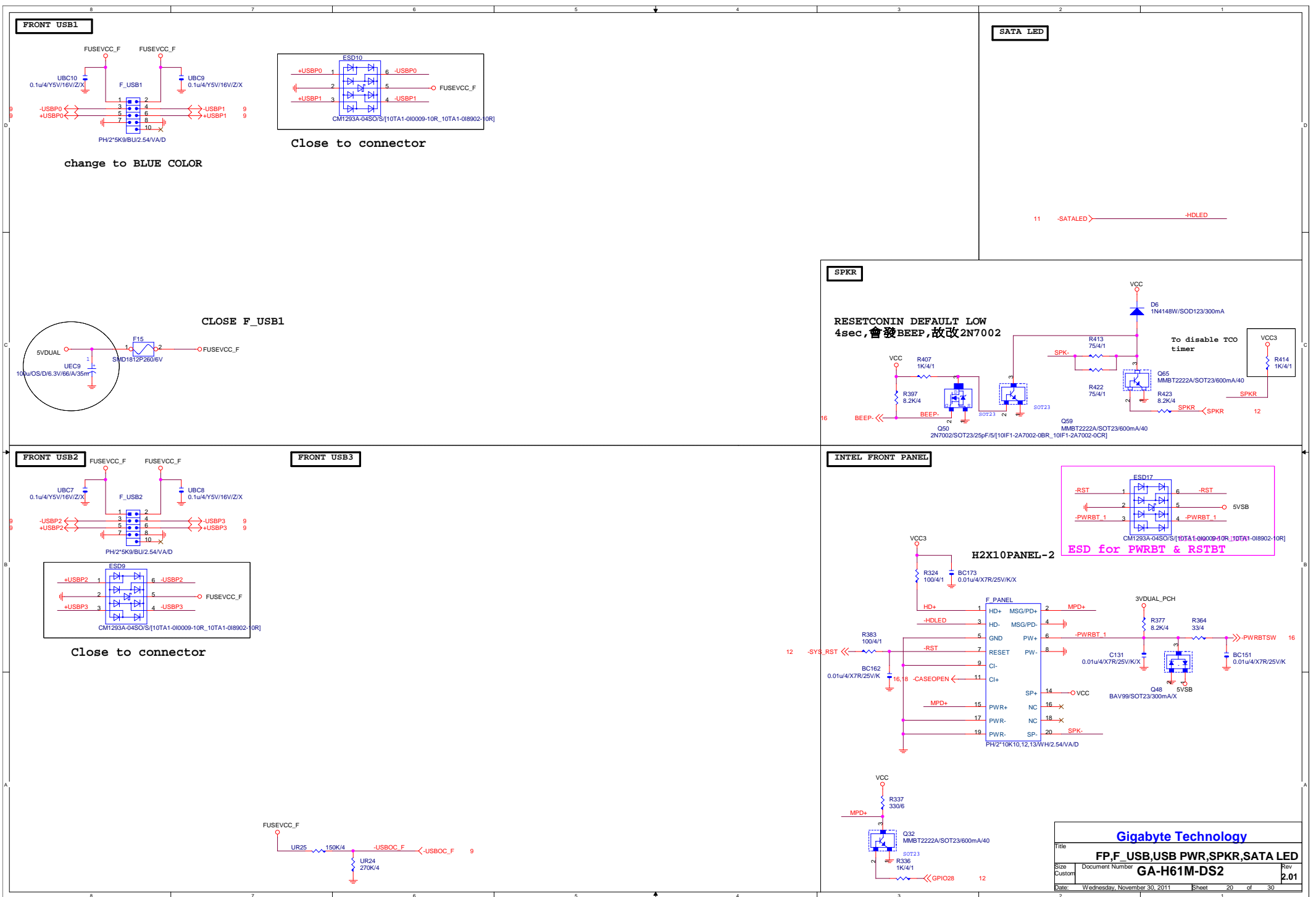


BOOT DEVICE	GNT1	GNT0
LPC	0	0
PCI	0	1
SPI	1	1

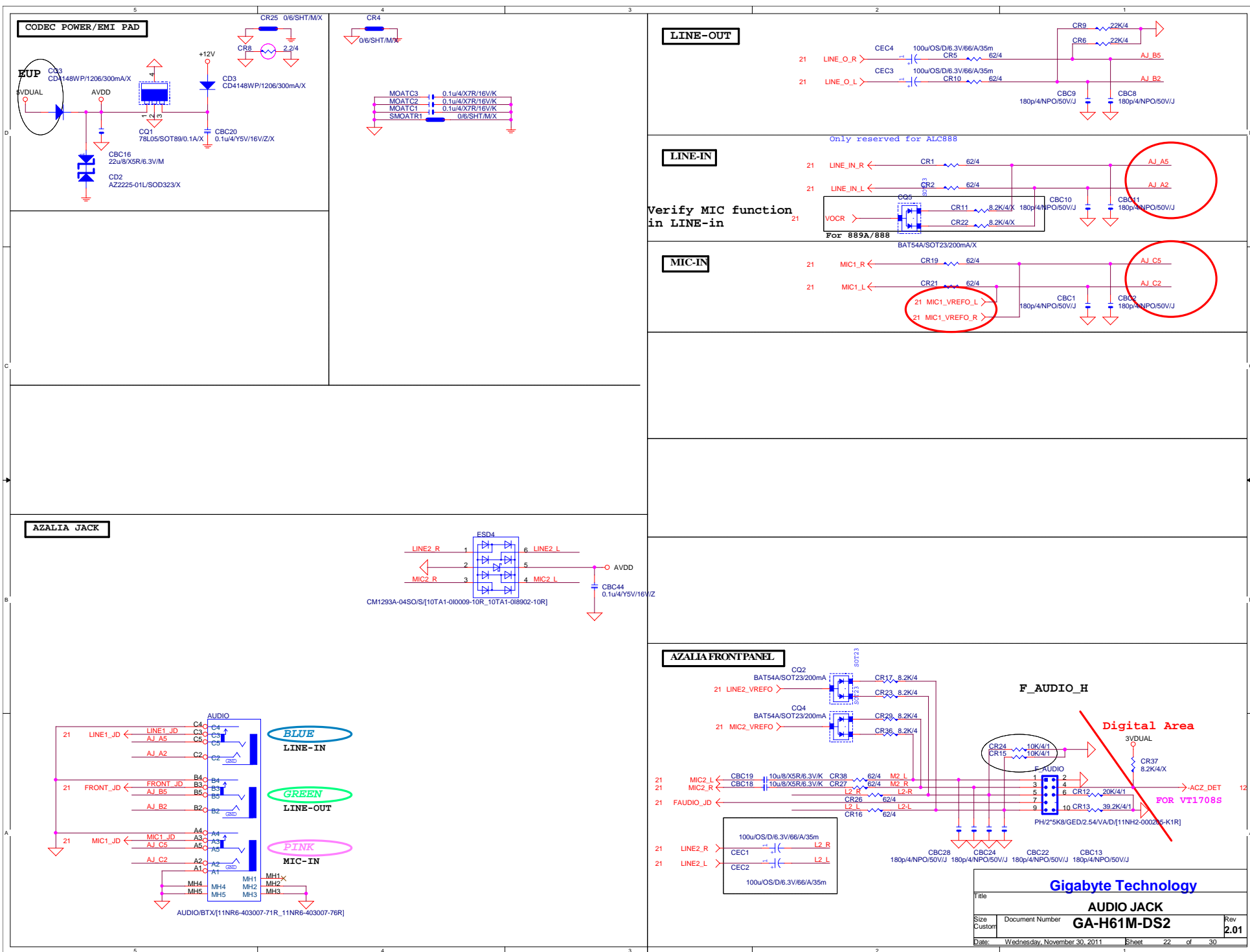
1 means floating  
0 means PD 1K

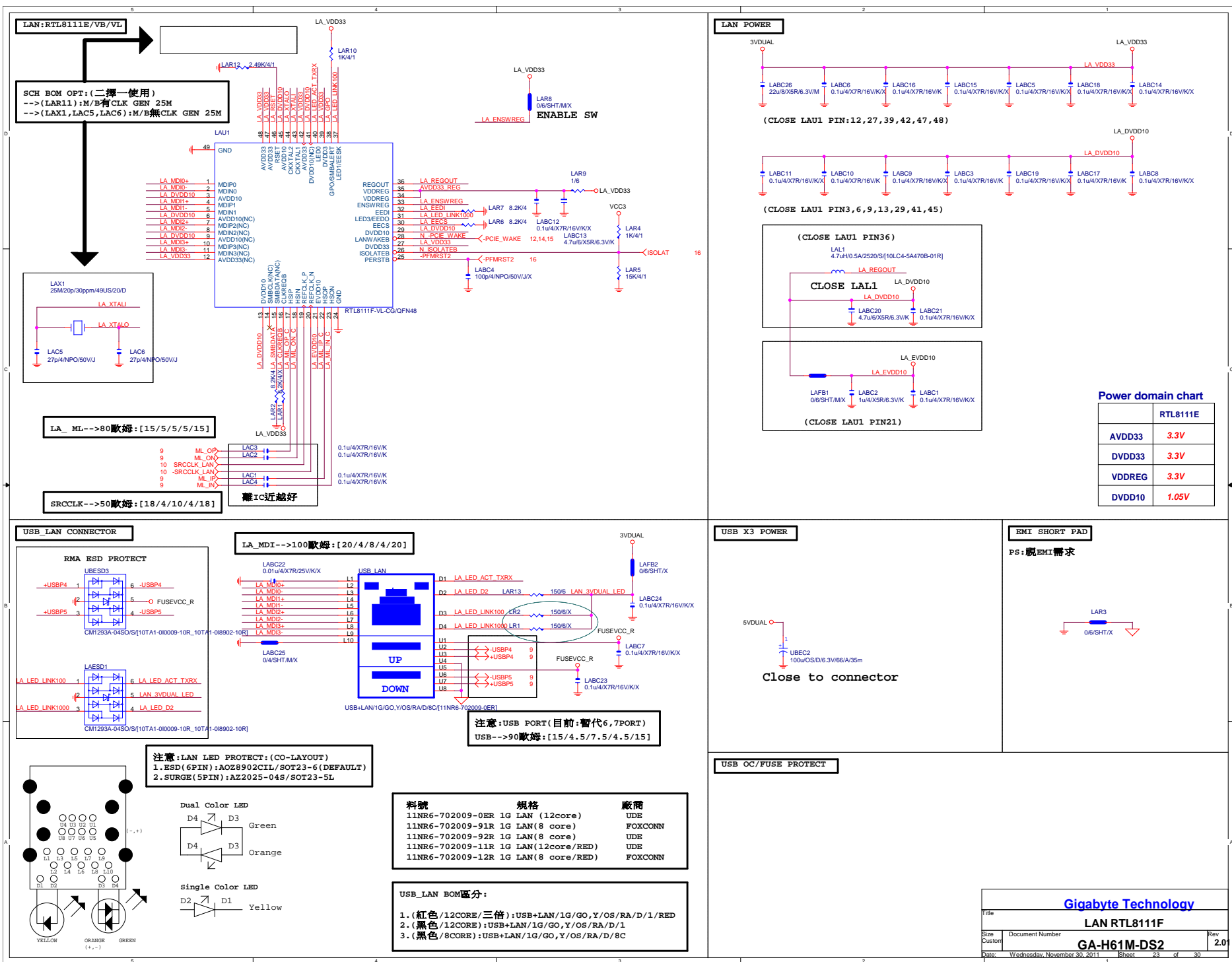
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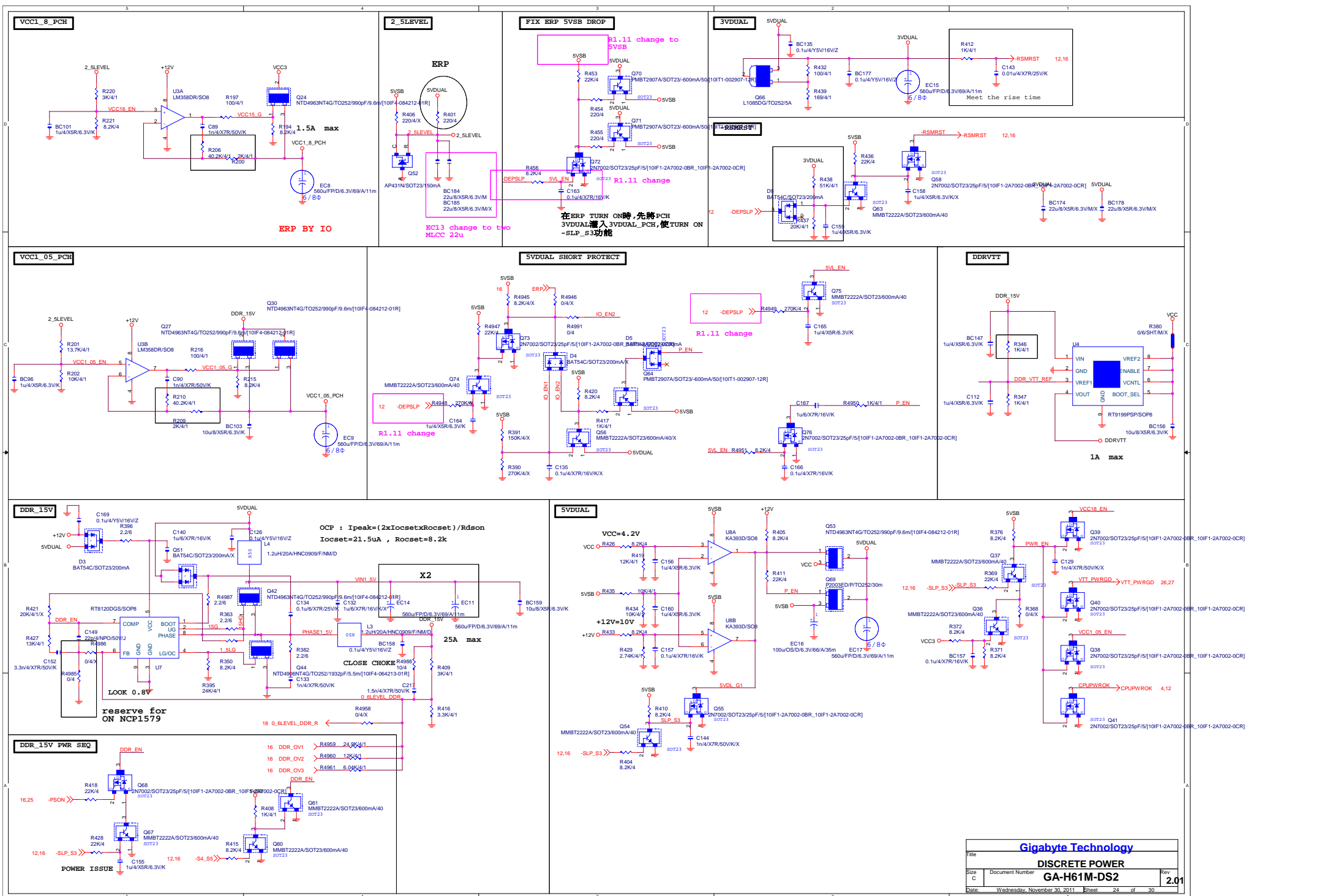
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DUAL BIOS		
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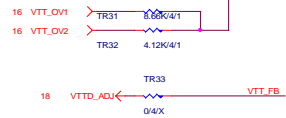




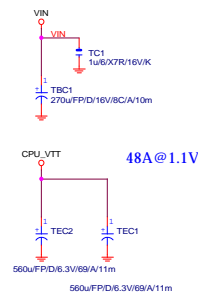
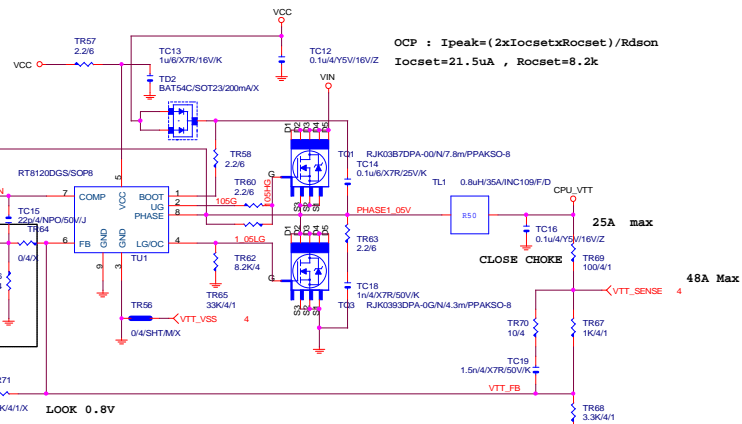


# CPU\_VTT

## VTT OV option



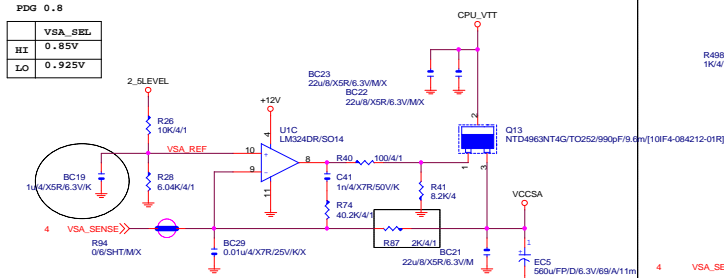
VTT_EN	
HI	ENABLE
LO	DISABLE



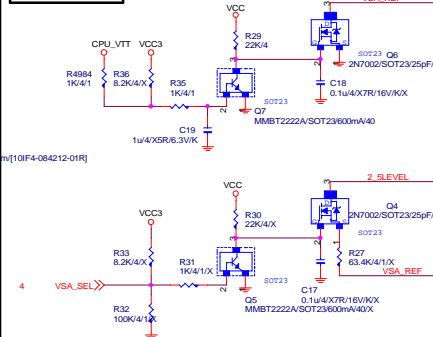
## VCCSA

PDG 0.8

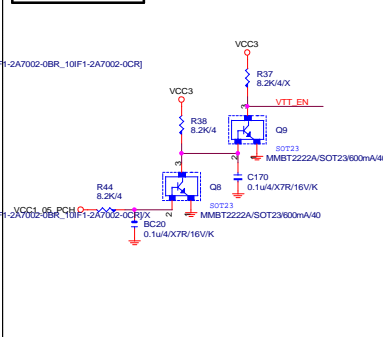
VSA_SEL	
HI	0.85V
LO	0.925V



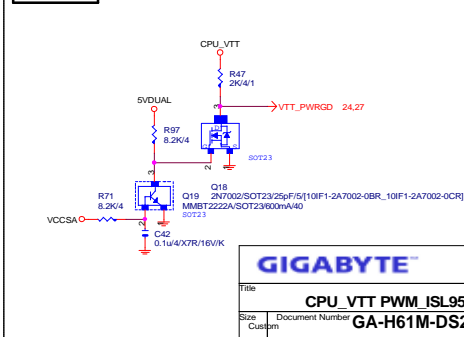
## VCCSA PWR SEQ



## CPU\_VTT PWR SEQ

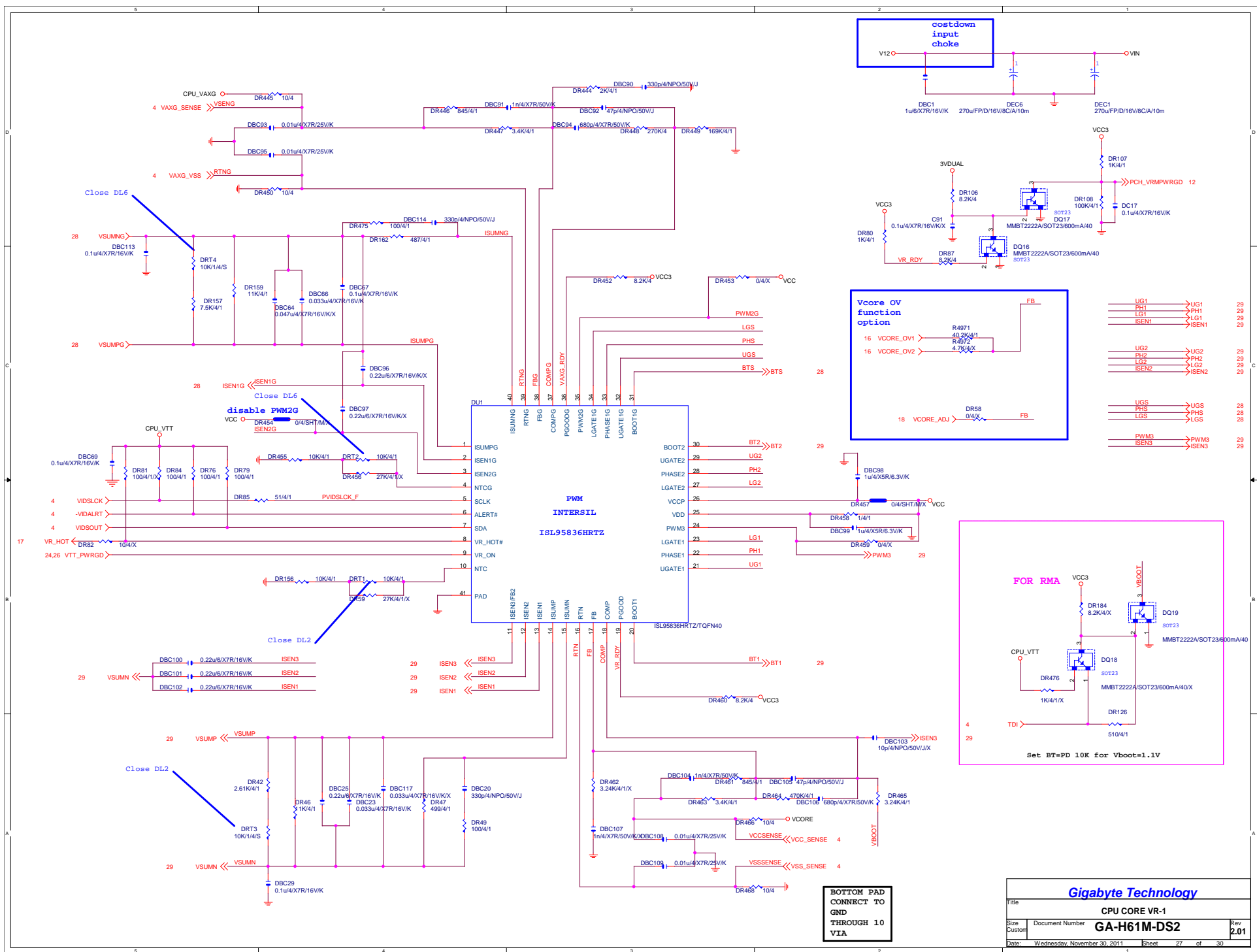


## VTT\_PWRGD

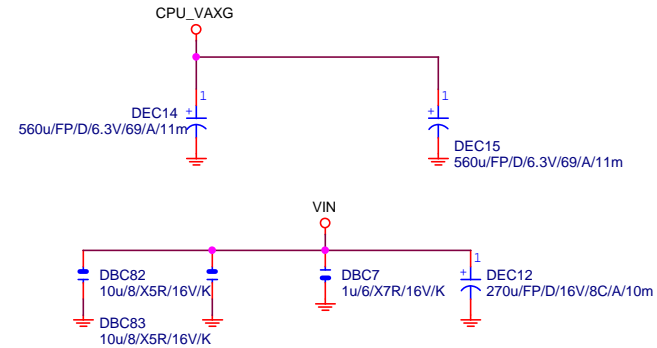
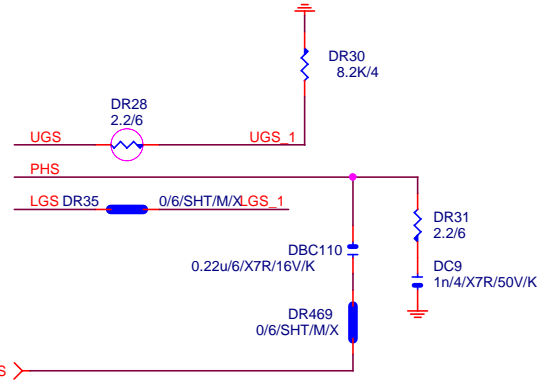
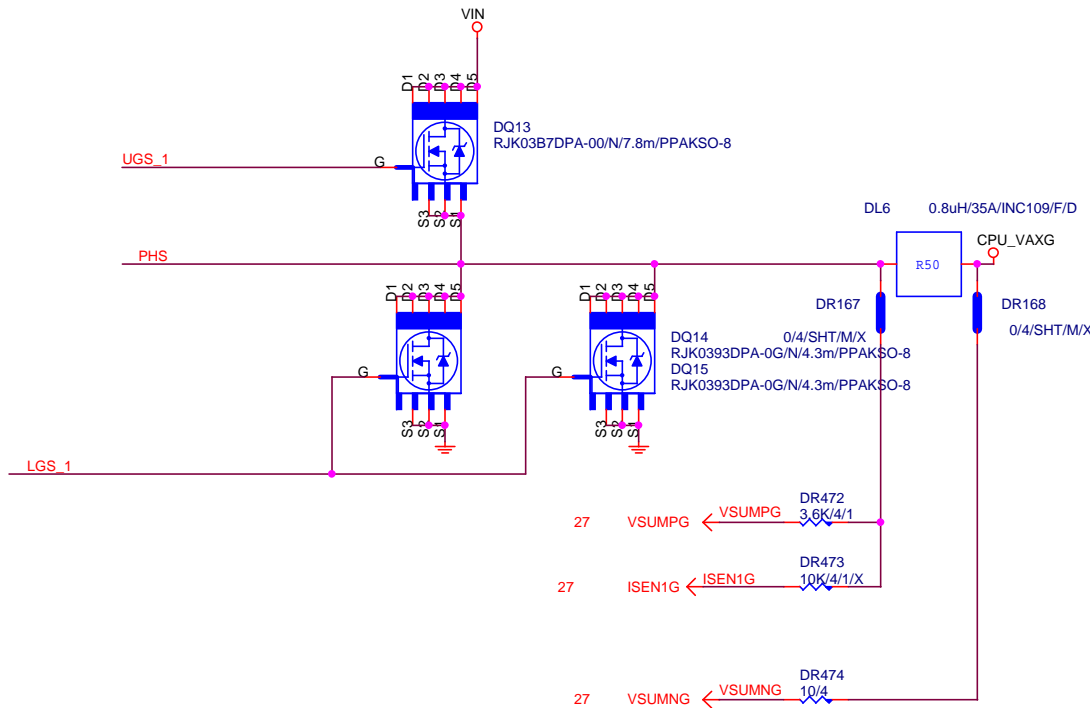
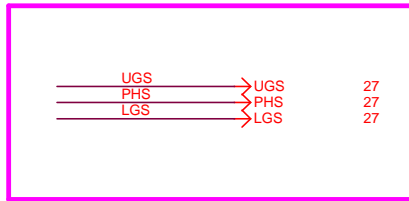


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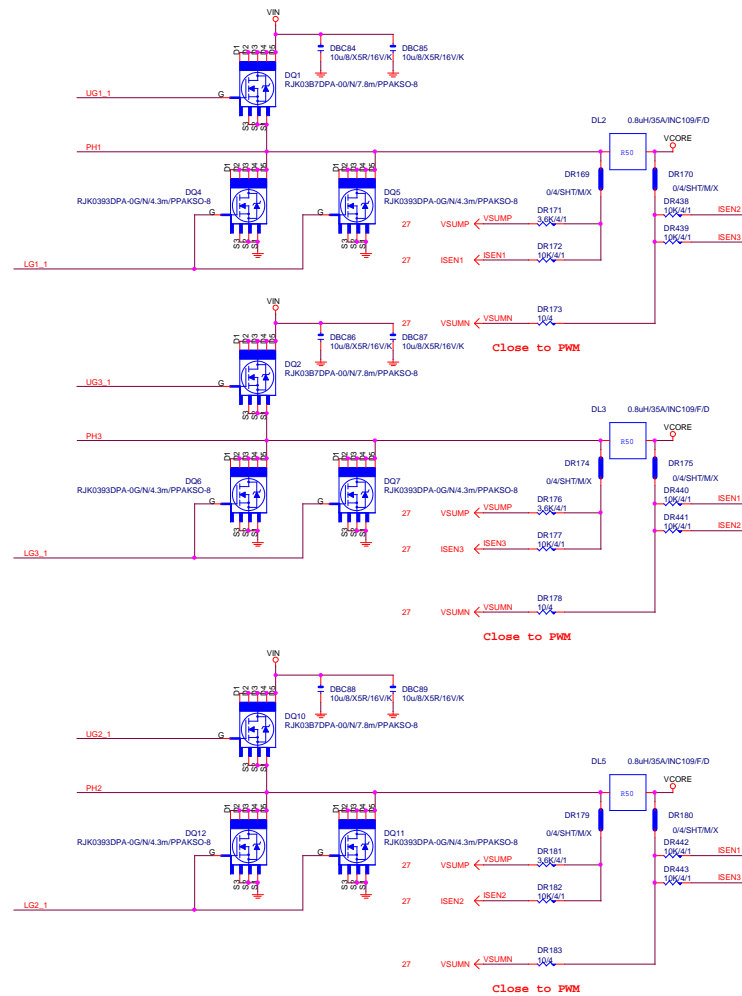
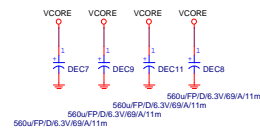
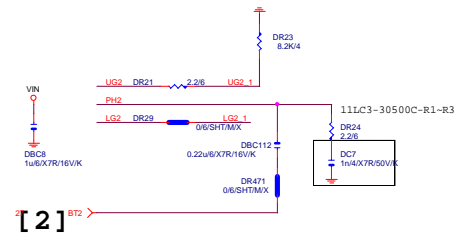
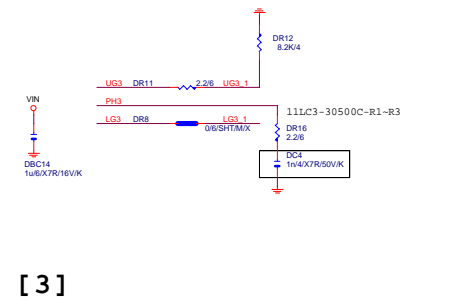
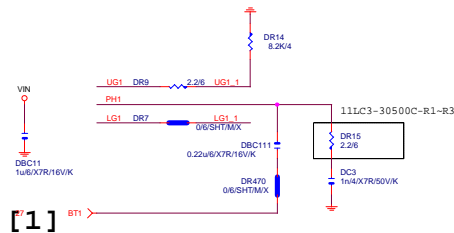
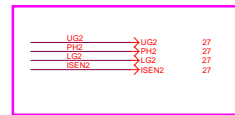
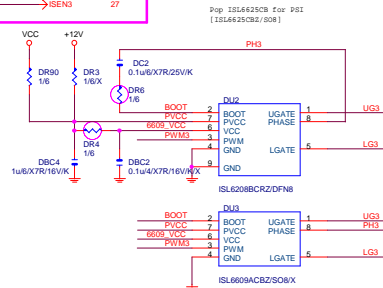


VAXG



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