GA-AB350-GAMING 3

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2015.12.30--B.L



Model Name: GA-AB350-GAMING 3

Component value change history

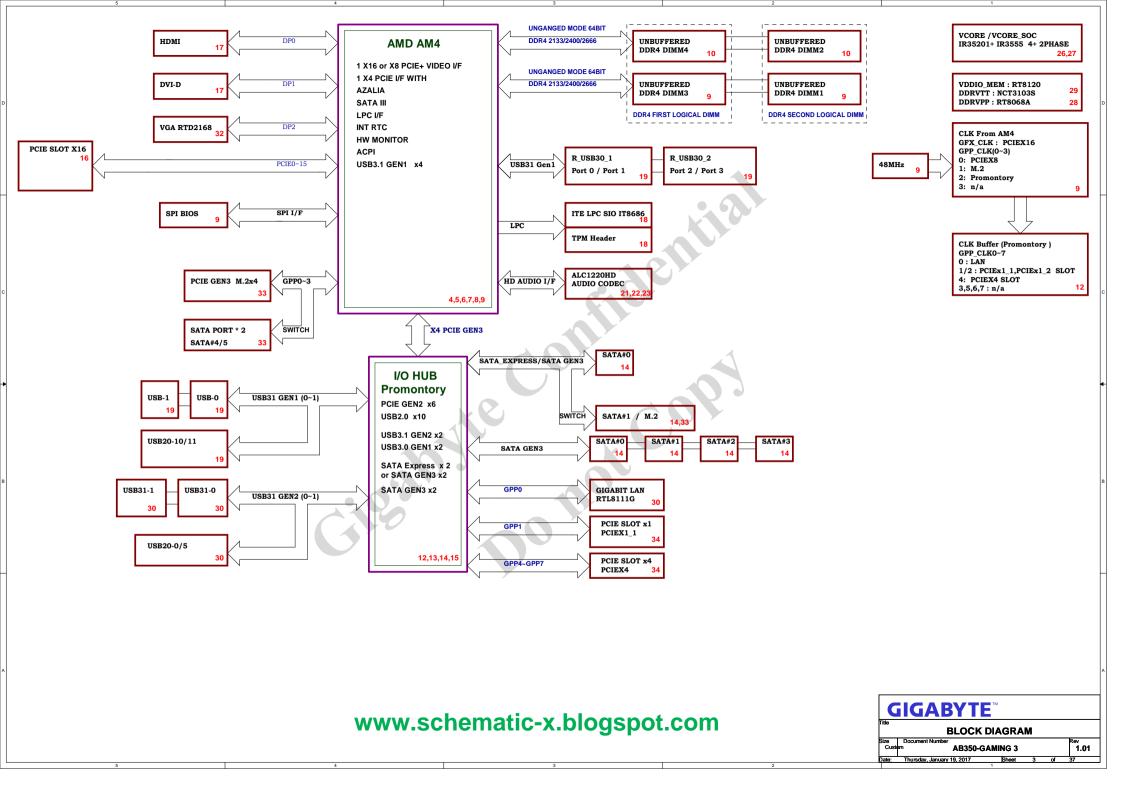
Version: 1.01

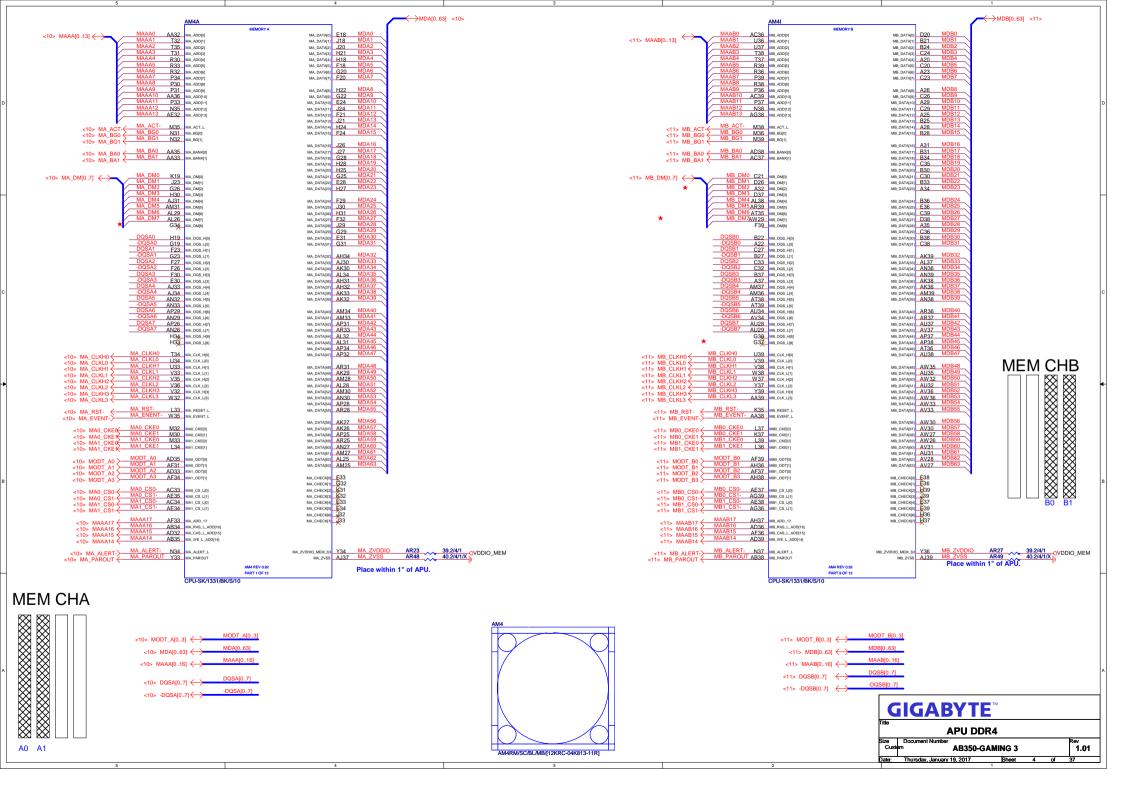
Compo	nent value cha	inge nistory	P-Code: U98126-0
Date	Change	e Item	Reason
2016.07.??	New BOM Release.	PCB: 0.1	
2016.09.30	New BOM Release.	PCB: 0.1	CHANGE ITE8686 BX to CX MOS change to ON SOCKET CHANGE BK
2016.12.12	New BOM Release.	PCB: 0.1	1. modify from Gaming A8 to AB350-Gaming 3 2. del RGB LED. 組售數2 (*170 G:330 B:270 3. Add EC SCH (for DUAL-BIOS) 4. PM, SMI SCH (add PR30) 5. DDR4 Layout 方式修改 6. Debug LED GPIO 定義(from EC & 8686) 7. Add AGP[1085 (for Clear CMOS) 8. ORTC 匹配電容不上件.BIOS setting "1" for 12.5pf 9. TPM pint 接至 LPC_CK0 10. VPP_SPD 改上MR0 (VPP_MEM) 11. Solt color spec 修改 12. PT Crystal 加伸一颗0 ohm 13. DAC POWER GPIO change to AGPIO16 14. Audio connect change to —般用料(無鍍金) 15. MOATR2 open 16. PWM DR23 change to 3.57k/4/1 17. MOS & ZhRON 用料 18. TMOS change to 12SP2-S09425-MIR/M2R/M3R 19. PR7 change to 10p , PC15/PC16 NA
	E-BOM CHANGE		1. PR16 change to 8.2K 2. PC34 2.2u 3. R347 change to 10K 4. SIO change to CX
2017.01.11	1.0B BOM Release.	PCB: 1.01	1. ECR100 PULL TO VCC3 / ECR21 NA (EC ATXPG) 2. OR13 NA / ADD OR1/ECR3 1K PULL DOWN預留 (FOR 48M) 3. ADD PCB_BAR_K1/K2 4. FPQ351 上件 5. LED R:470->120 , G:330->82 , B:270->62 ohm 6. DDR 分配 7. DR25 CHANGE TO 154K(PR0)

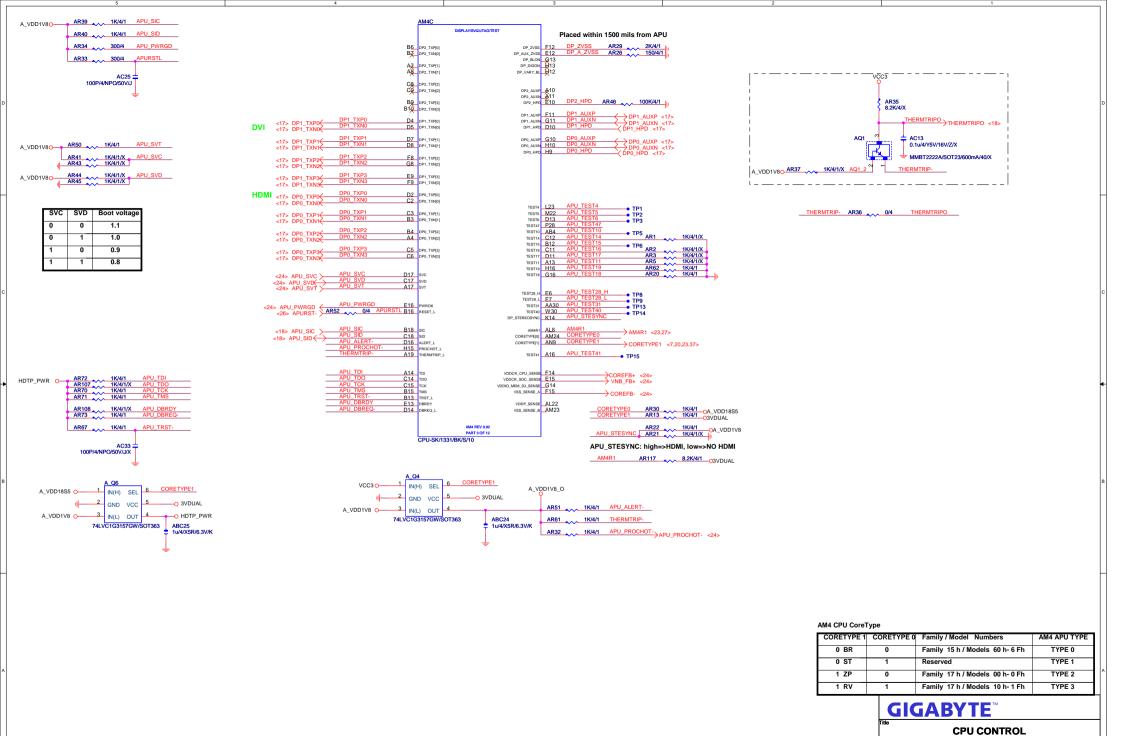
Circuit or PCB layout change for next version

Date	Change Item	Reason
2016.08.05		1. USB 3.0 redriver remove, Peter Pan ask.
		2. 2.2U change to 0402 size.



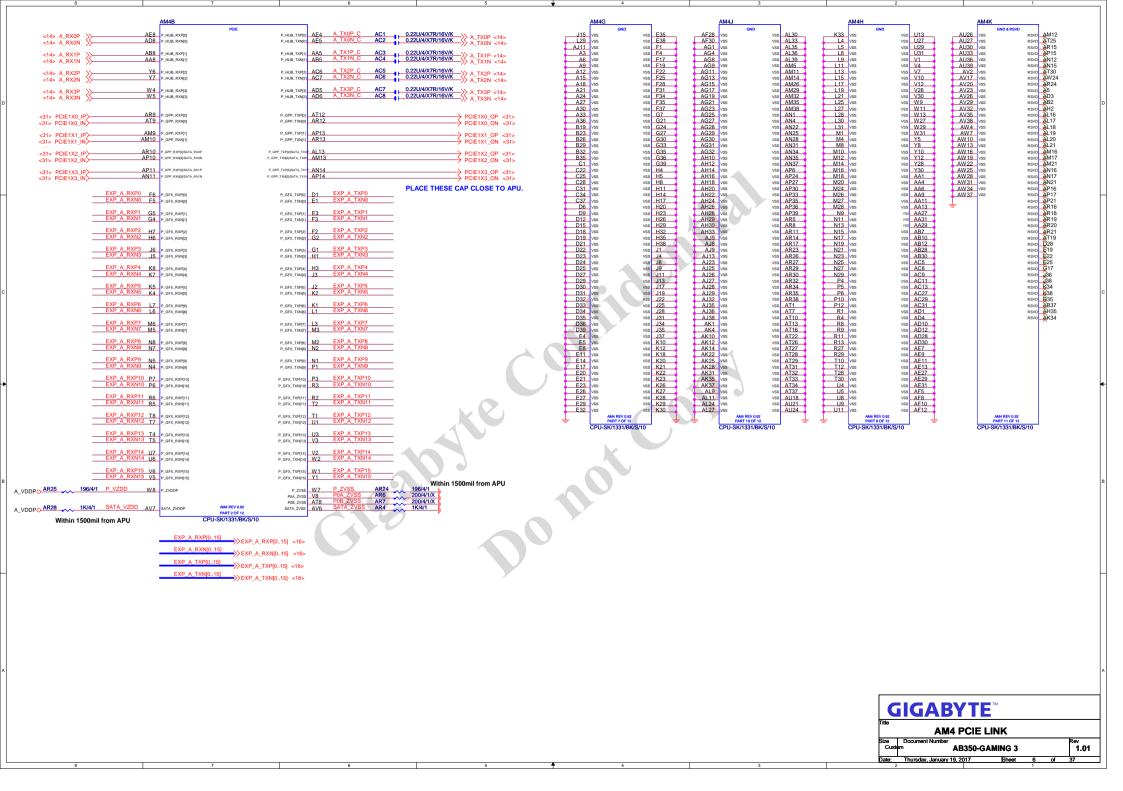


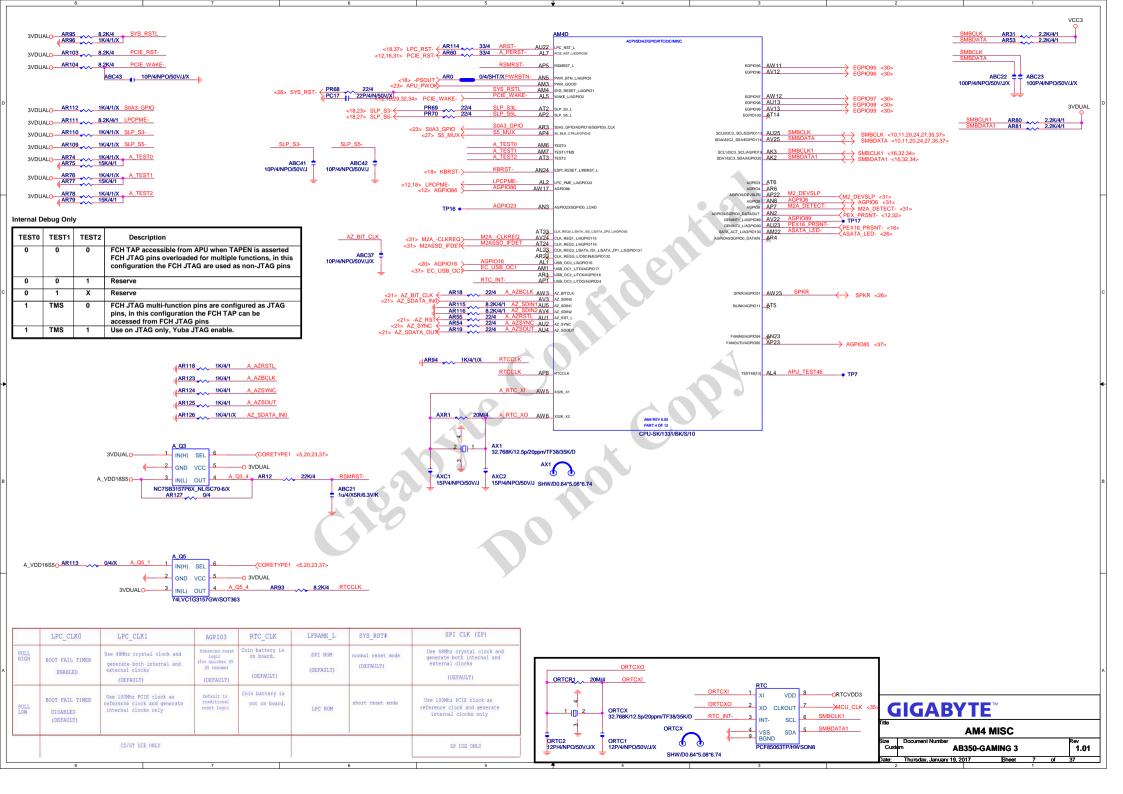


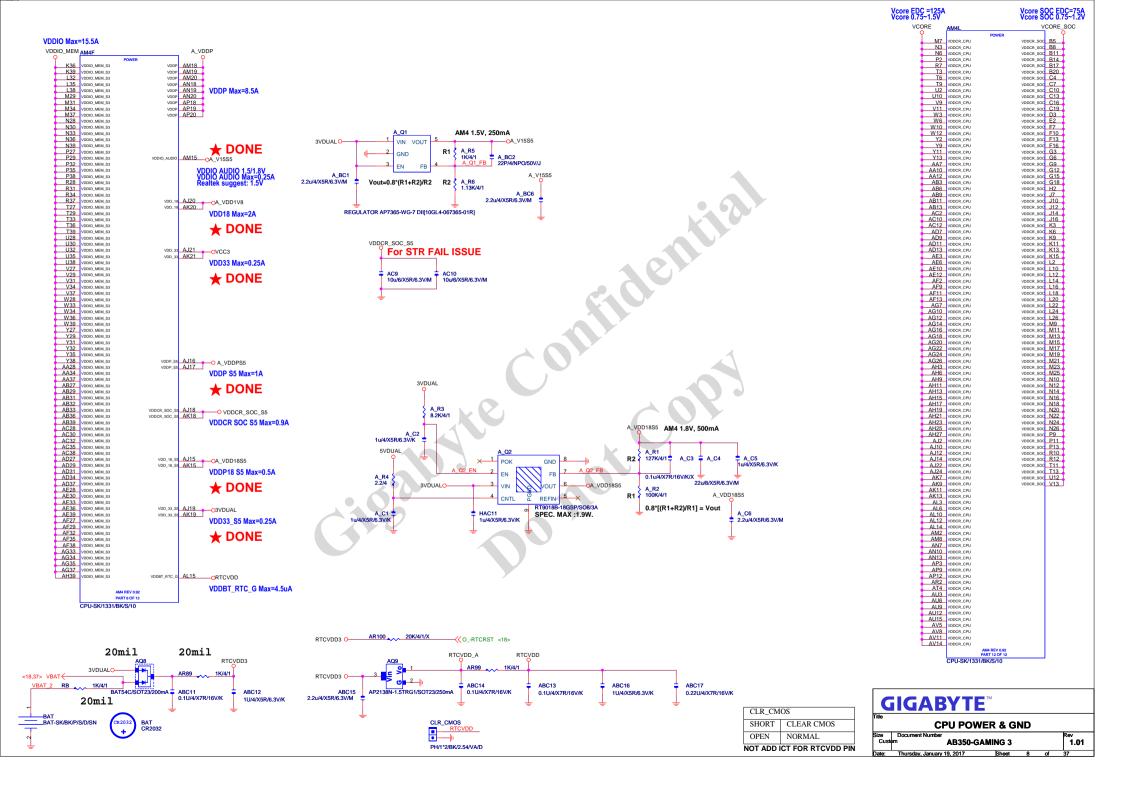


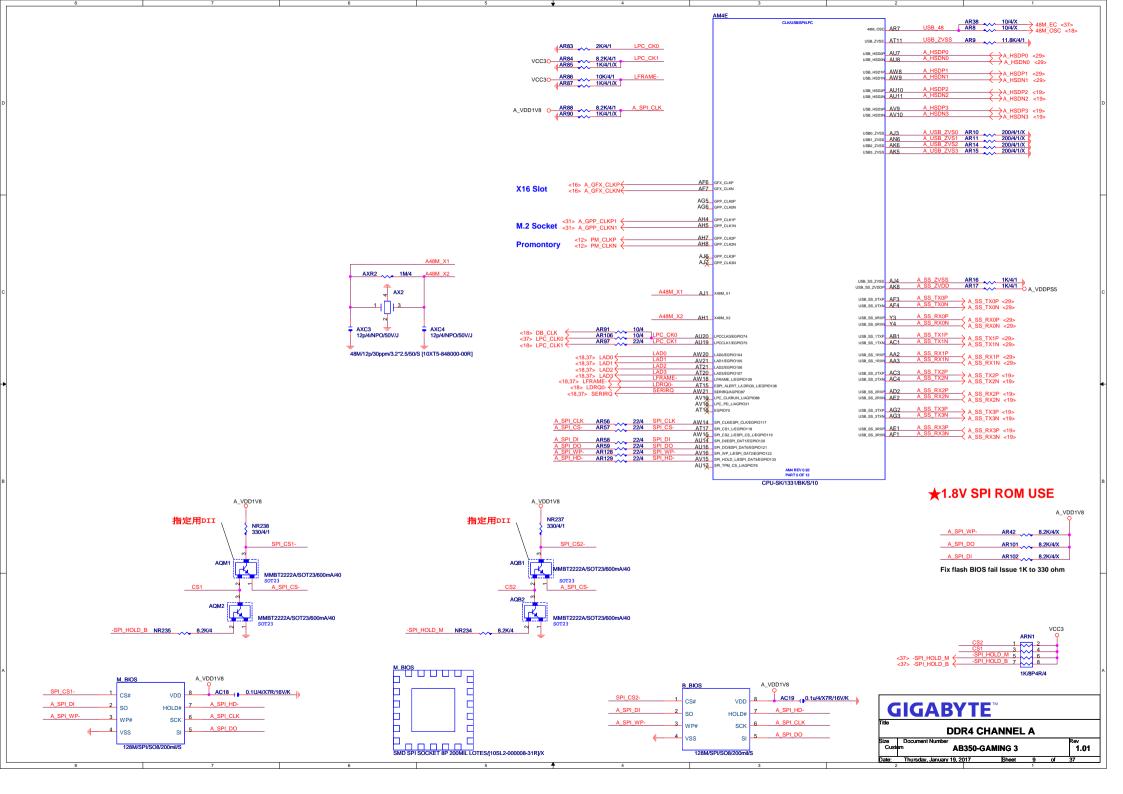
AB350-GAMING 3

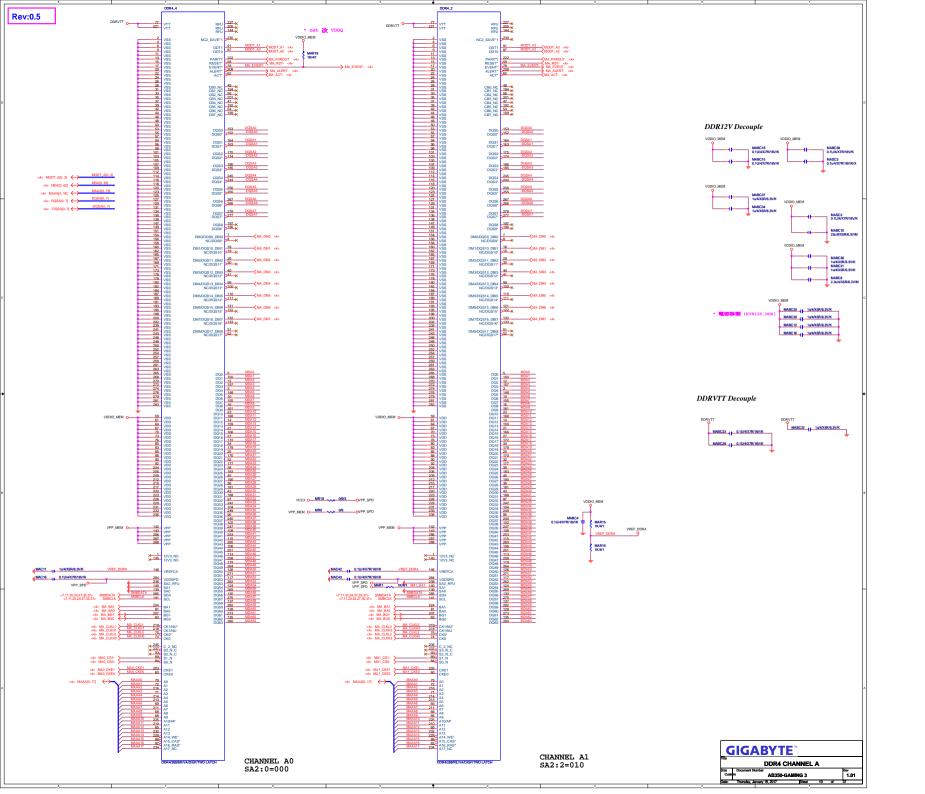
1.01

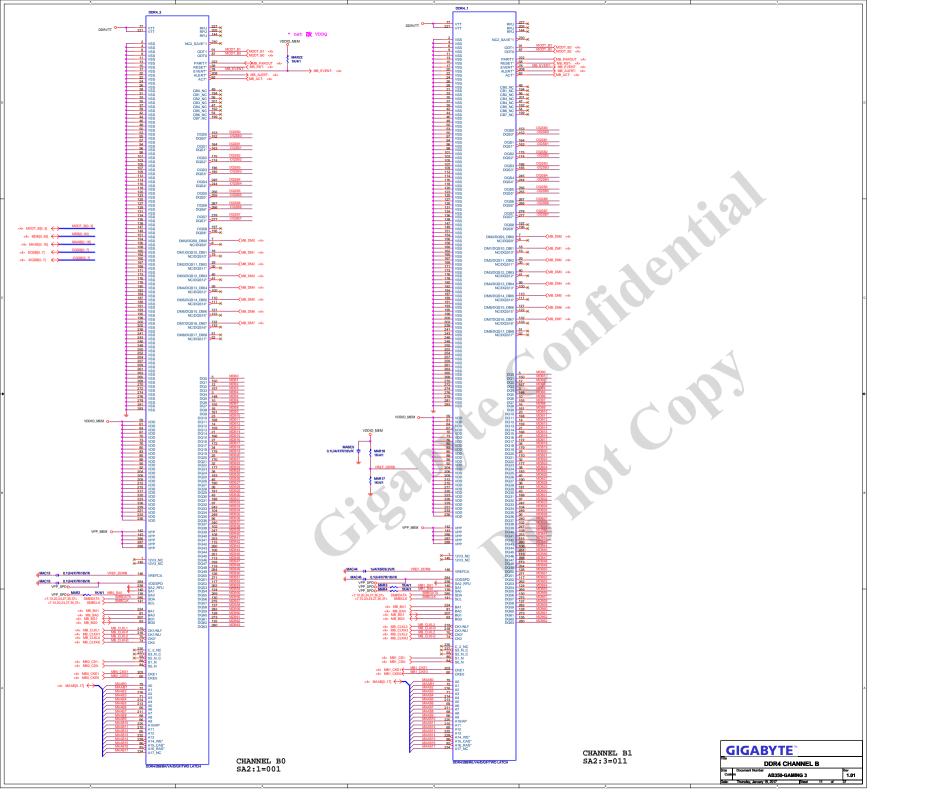


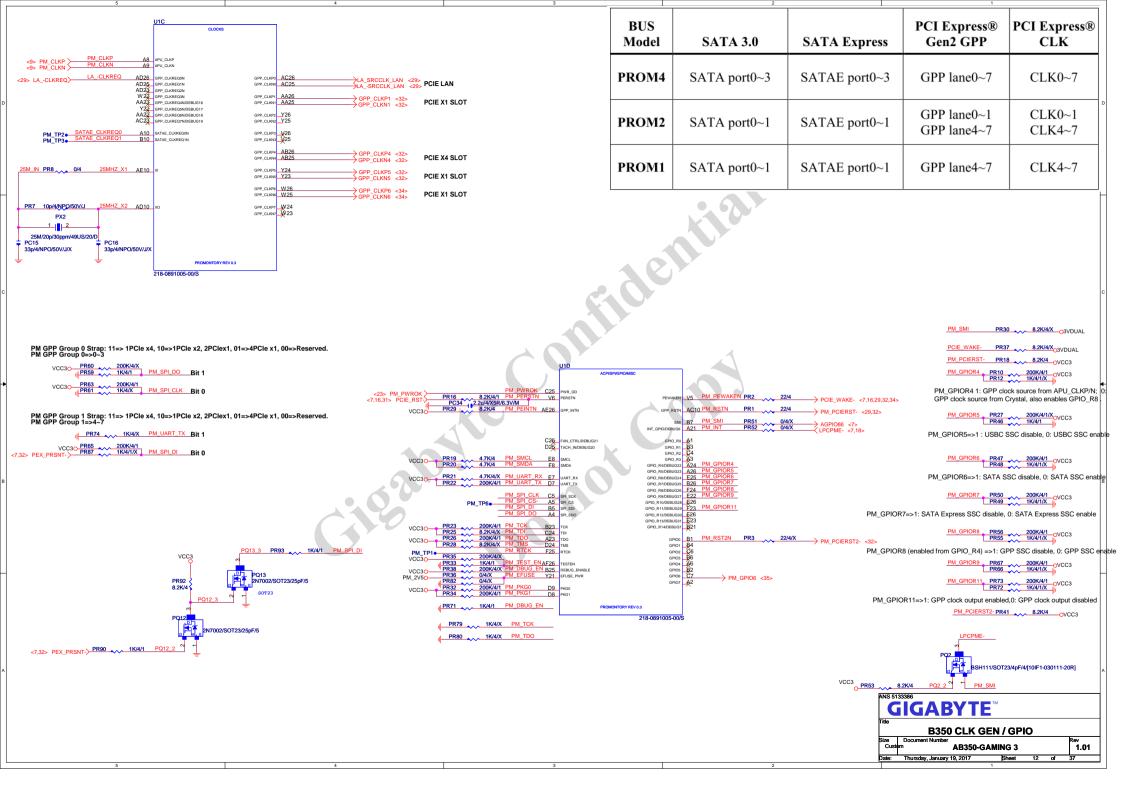


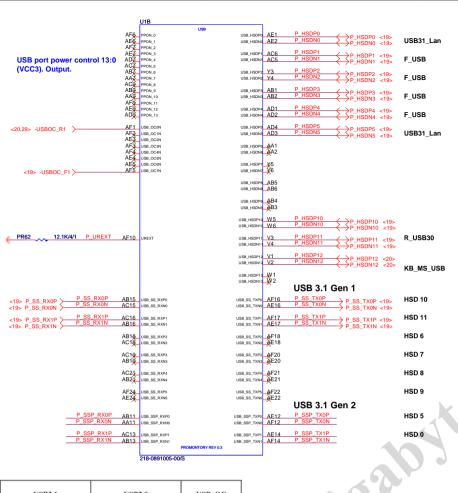




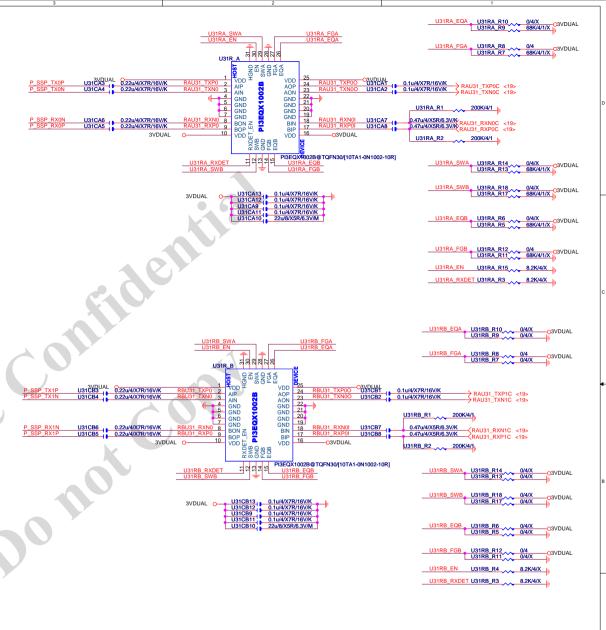






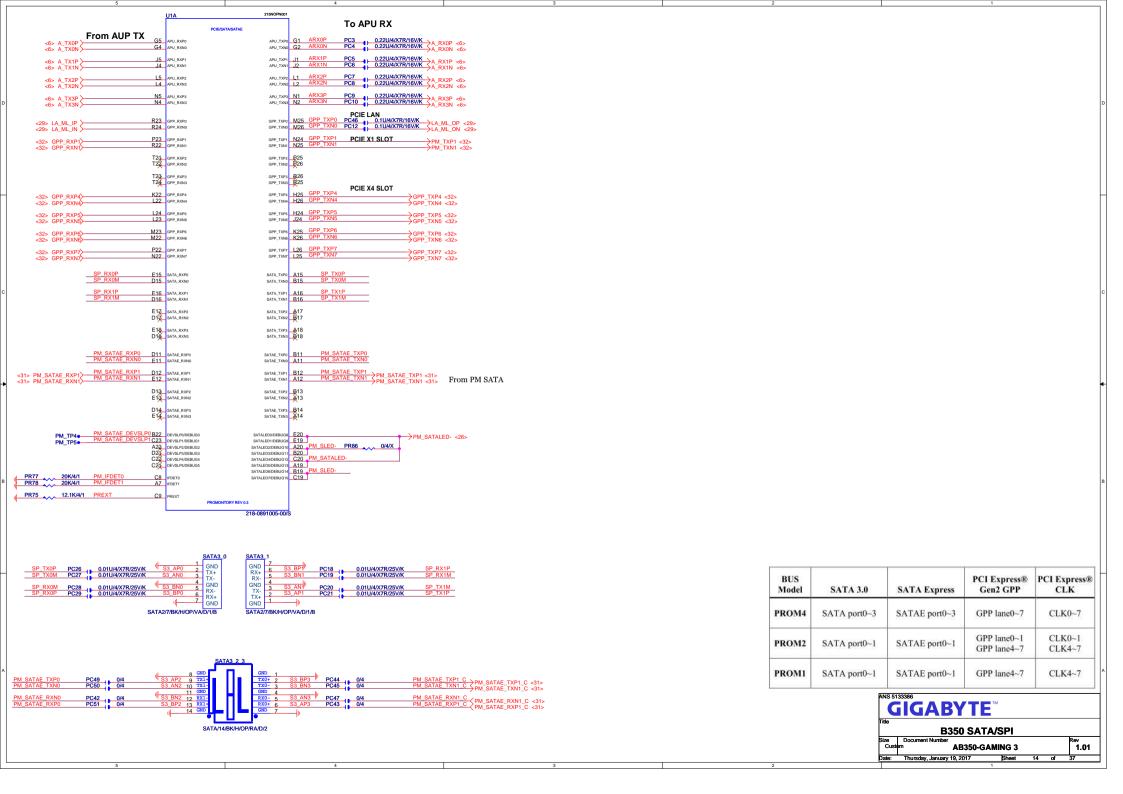


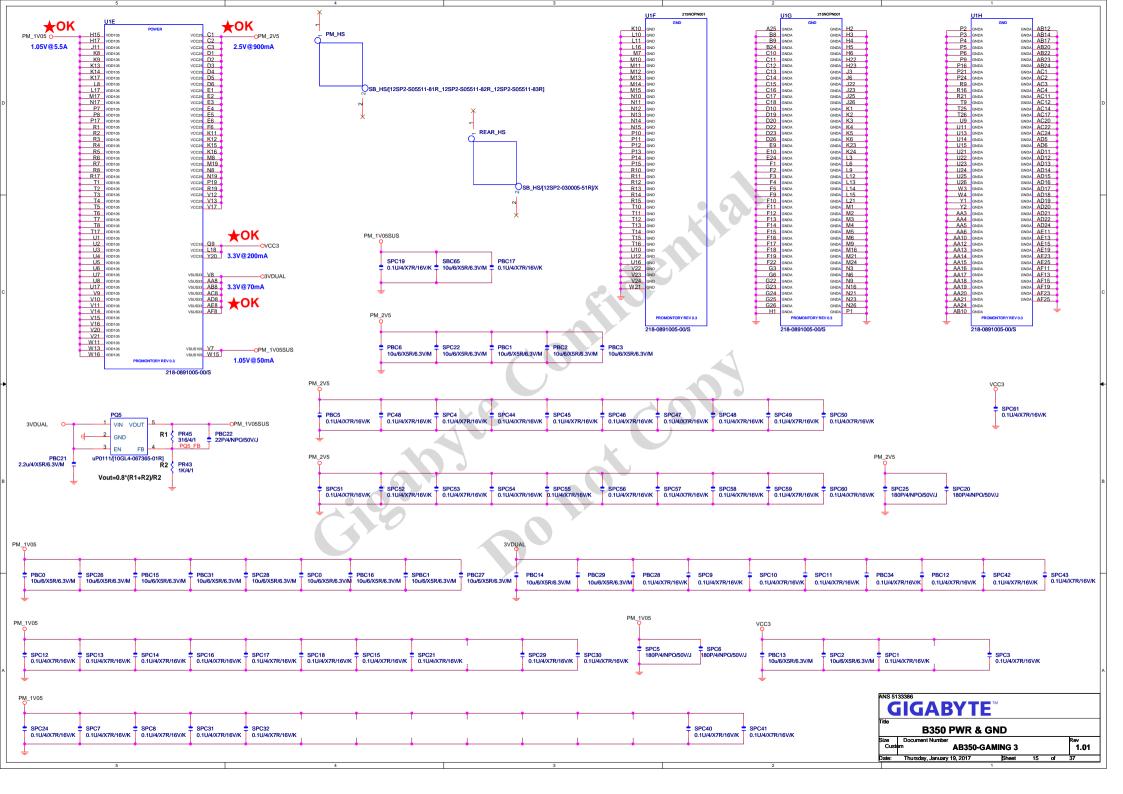
USB3.1	USB2.0	USB_OC
USB_SSP_TX/RXP/N[0]	USB_HSDP/N[5]	USB_OC0N
USB_SSP_TX/RXP/N[1]	USB_HSDP/N[0]	USB_OC1N
USB3.0	USB2.0	USB_OC
USB_SS_TX/RXP/N[0]	USB_HSDP/N[10]	USB_OC2N
USB_SS_TX/RXP/N[1]	USB_HSDP/N[11]	USB_OC3N
USB_SS_TX/RXP/N[2]	USB_HSDP/N[6]	USB_OC4N
USB_SS_TX/RXP/N[3]	USB_HSDP/N[7]	USB_OC5N
USB_SS_TX/RXP/N[4]	USB_HSDP/N[8]	USB_OC6N
USB_SS_TX/RXP/N[5]	USB_HSDP/N[9]	USB_OC7N
	USB_HSDP/N[1]	USB_OC7N
	USB_HSDP/N[2]	USB_OC7N
	USB_HSDP/N[3]	USB_OC7N
	USB_HSDP/N[4]	USB_OC7N
	USB_HSDP/N[12]	USB_OC7N
	USB_HSDP/N[13]	USB_OC7N

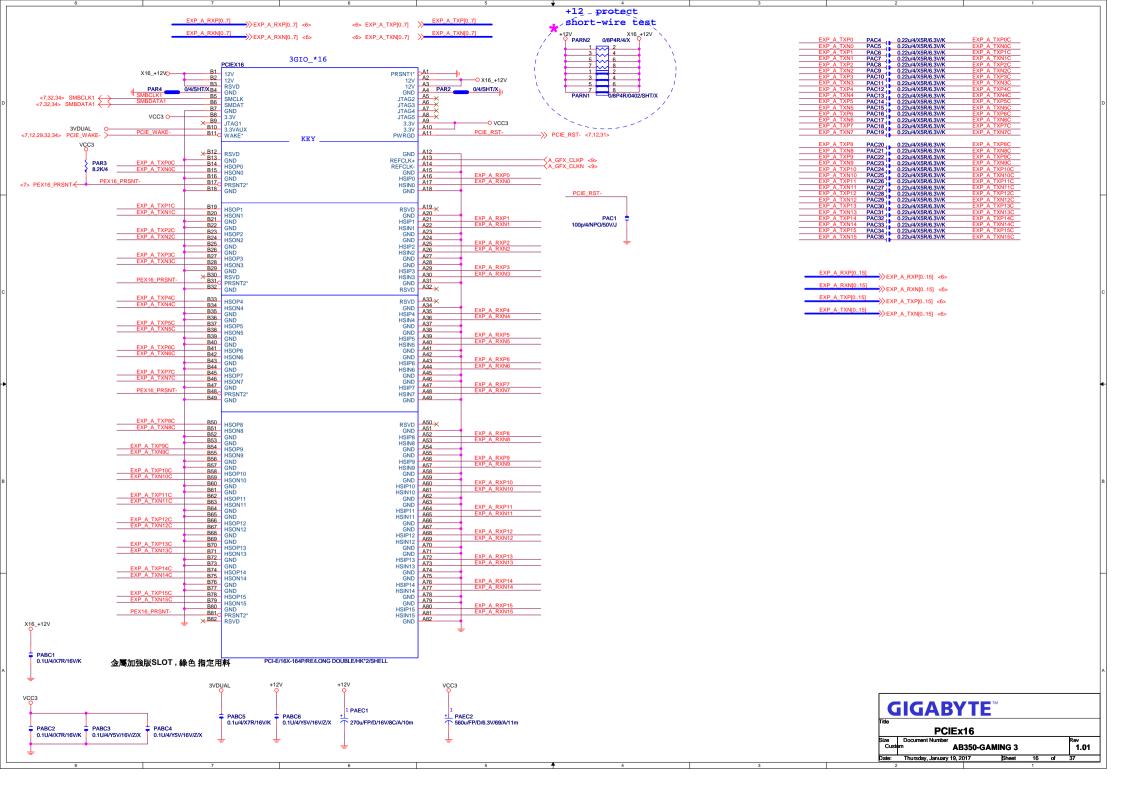


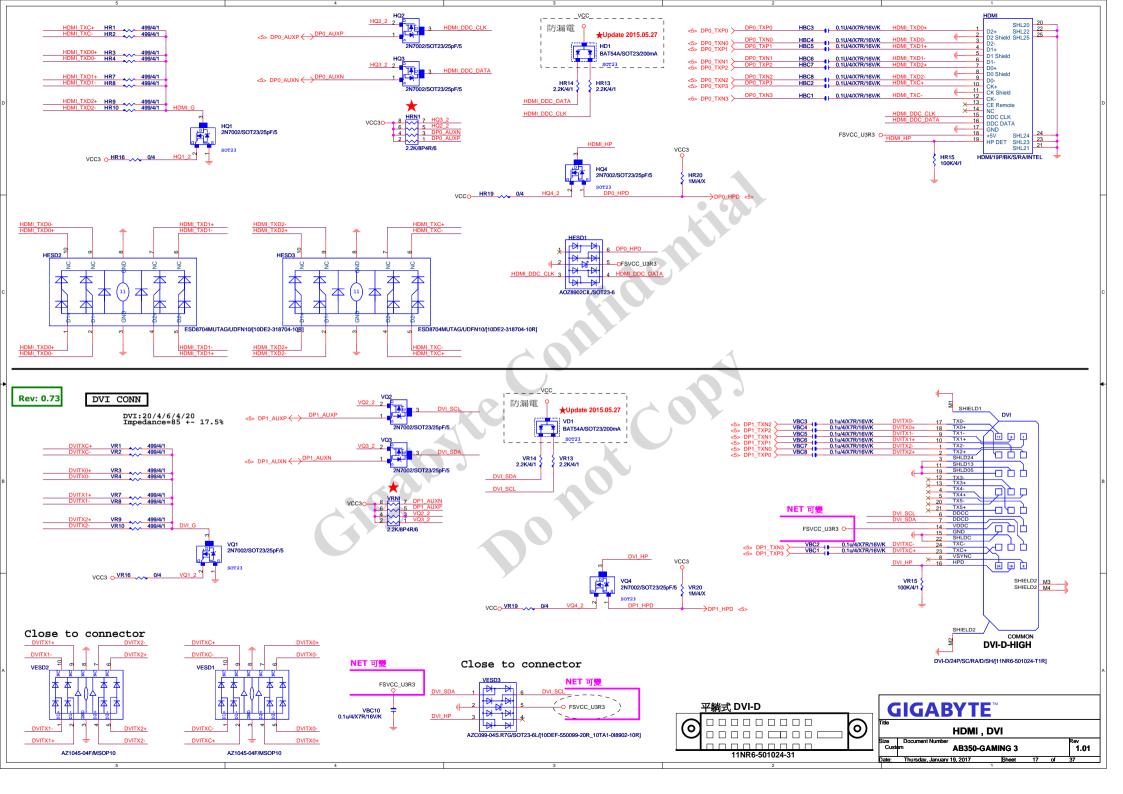
BUS Model	USB				
	3.1 Gen2 10 Gbps	3.1 Gen1 5 Gbps	2.0	Debug Port	
PROM4	USB_SSP Port0~1	USB_SS Port 0~5	USB_HSD Port0~13	USB_SSP Port0	
PROM2	USB_SSP Port0~1	USB_SS Port 0~1	USB_HSD Port0~5 USB_HSD Port10~13	USB_SSP Port0	
PROM1	USB_SSP Port0	USB_SS Port0 USB_SSP Port1	USB_HSD Port0~5 USB_HSD Port10, 12~13	USB_SSP Port0	

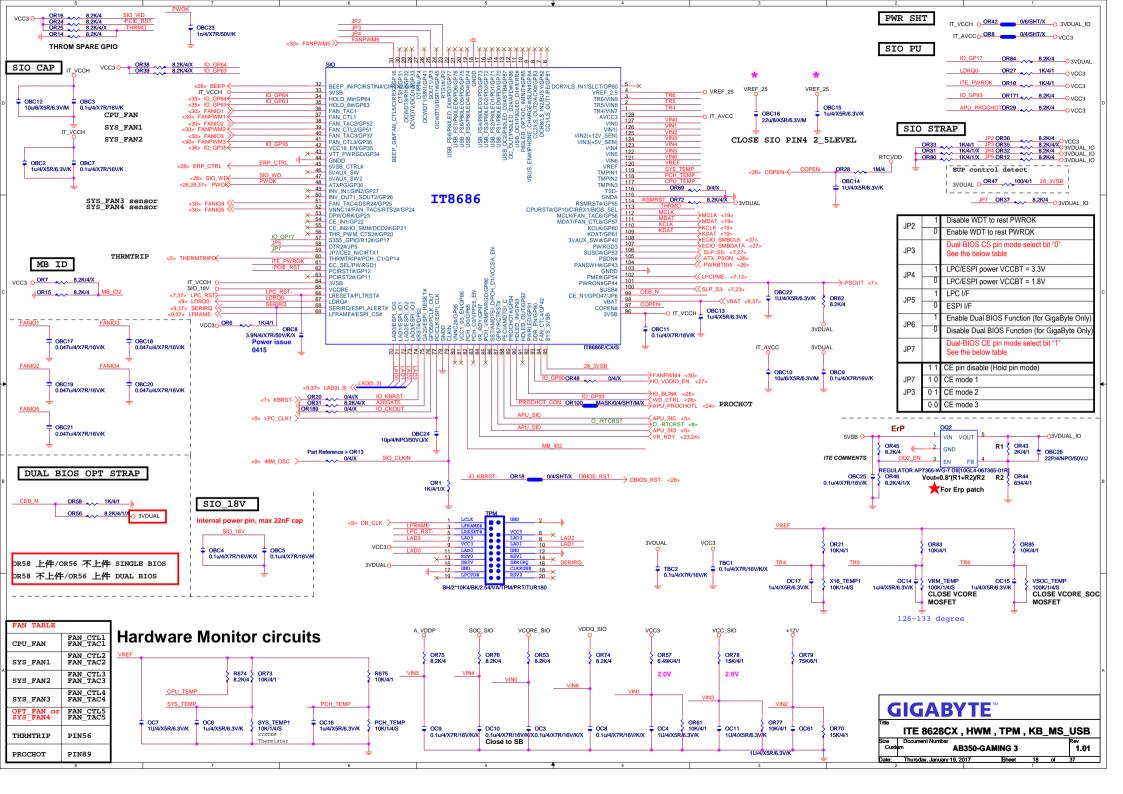
ANS 51	22200				
	ÎÎGABYTE	TM			
Title	B350 USB , PI3EQ	(1002B			
Size Cust	Document Number AB350-G	AMING 3			Rev 1.01
Date:	Thursday, January 19, 2017	Sheet	13	of	37

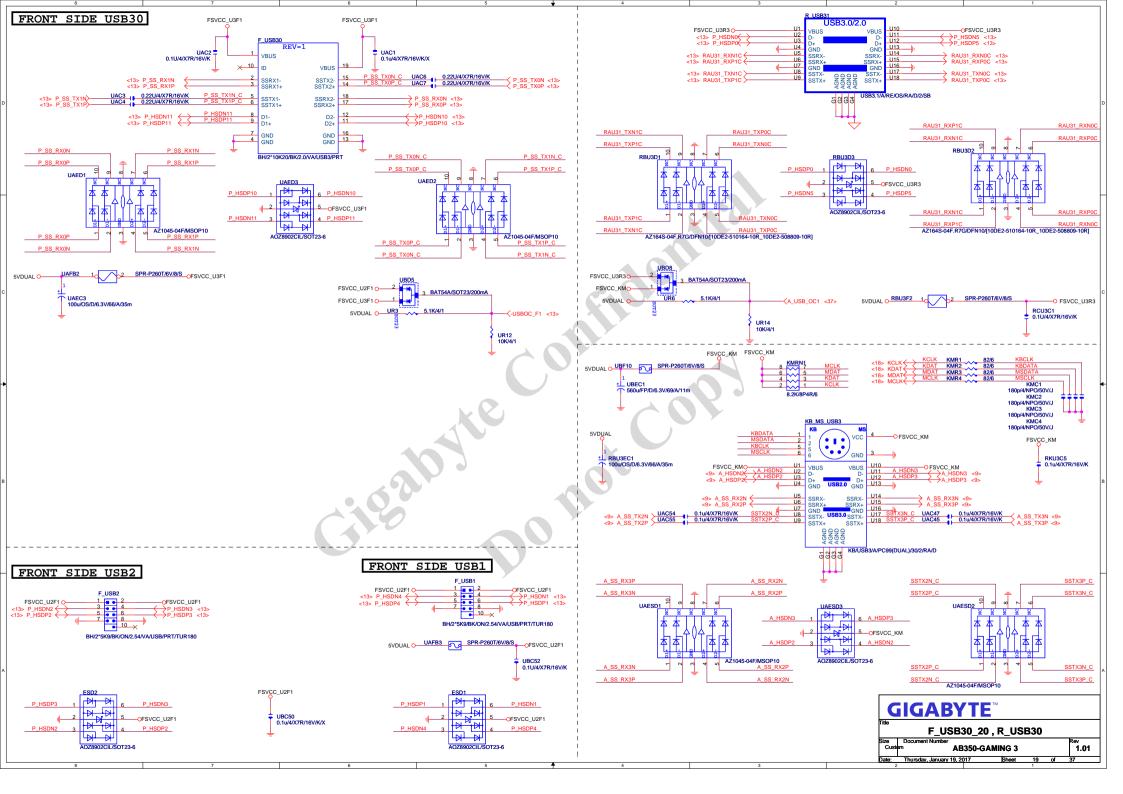


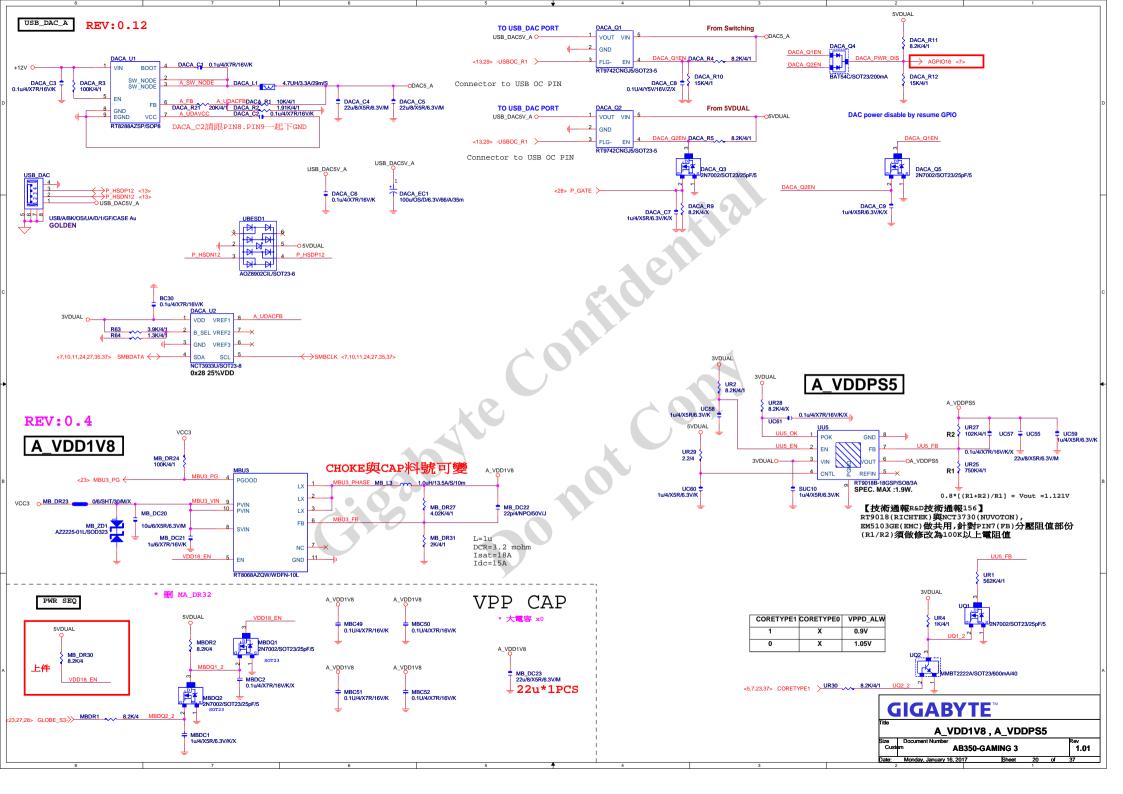


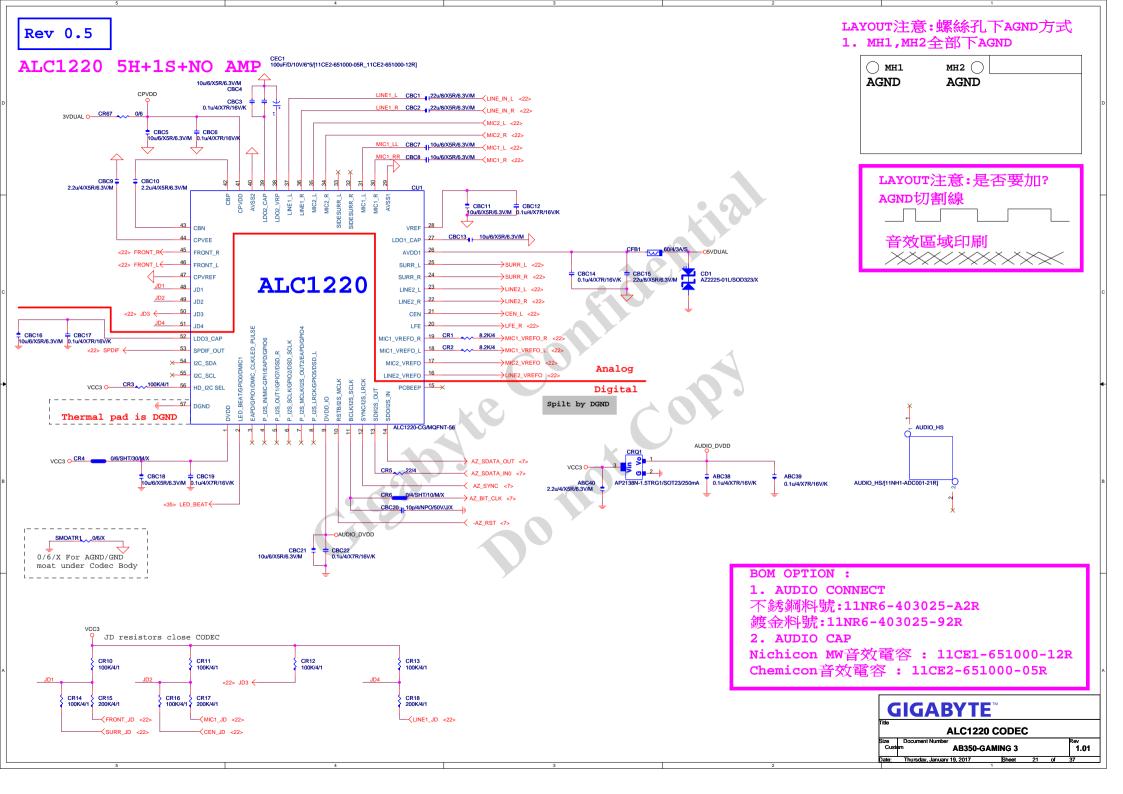


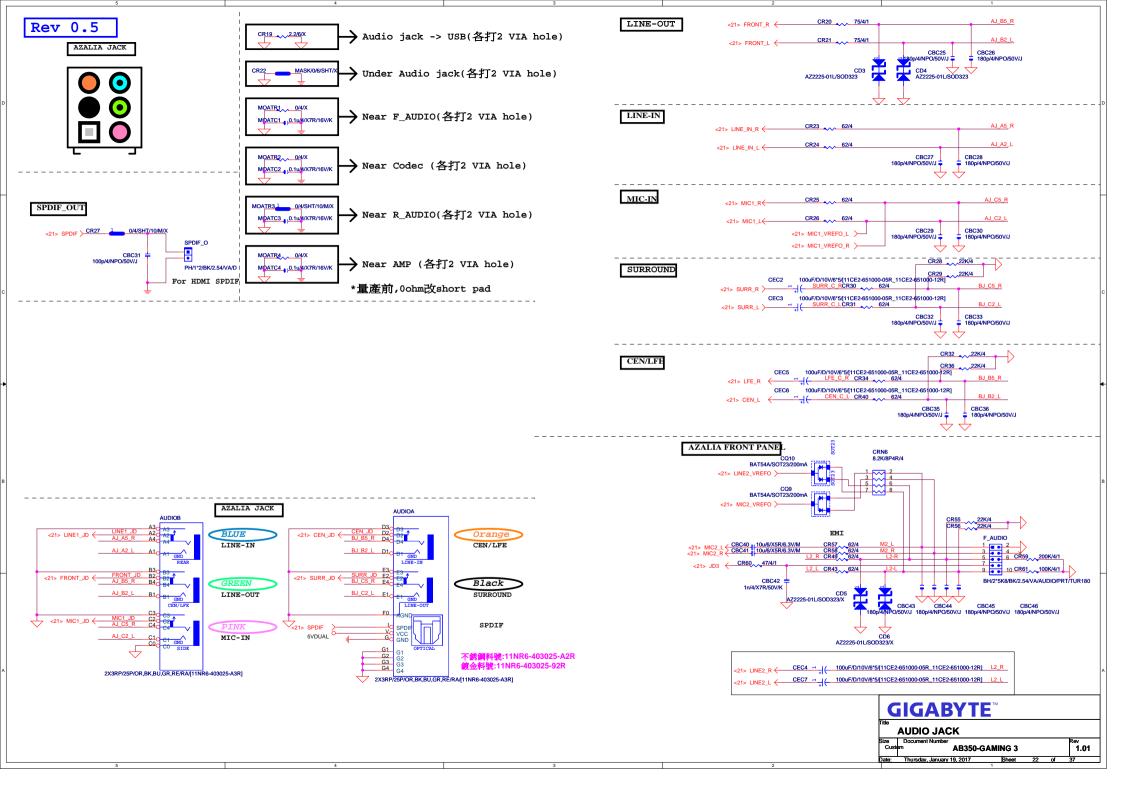


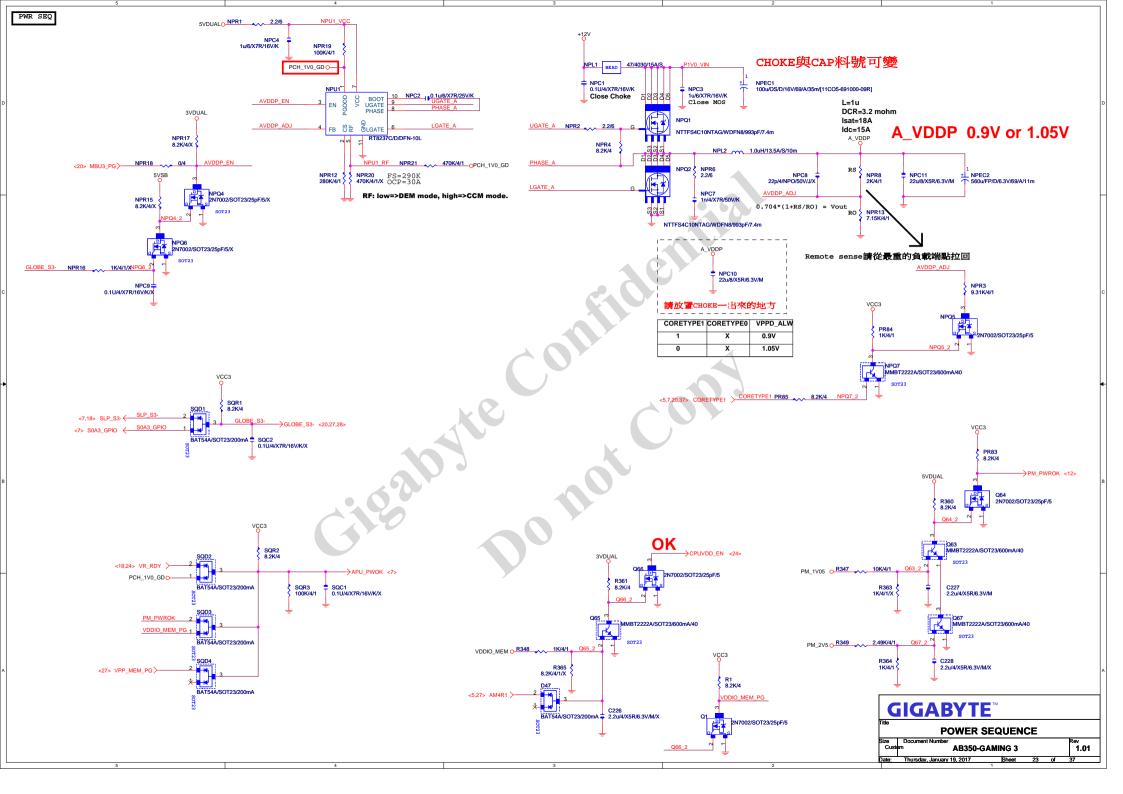


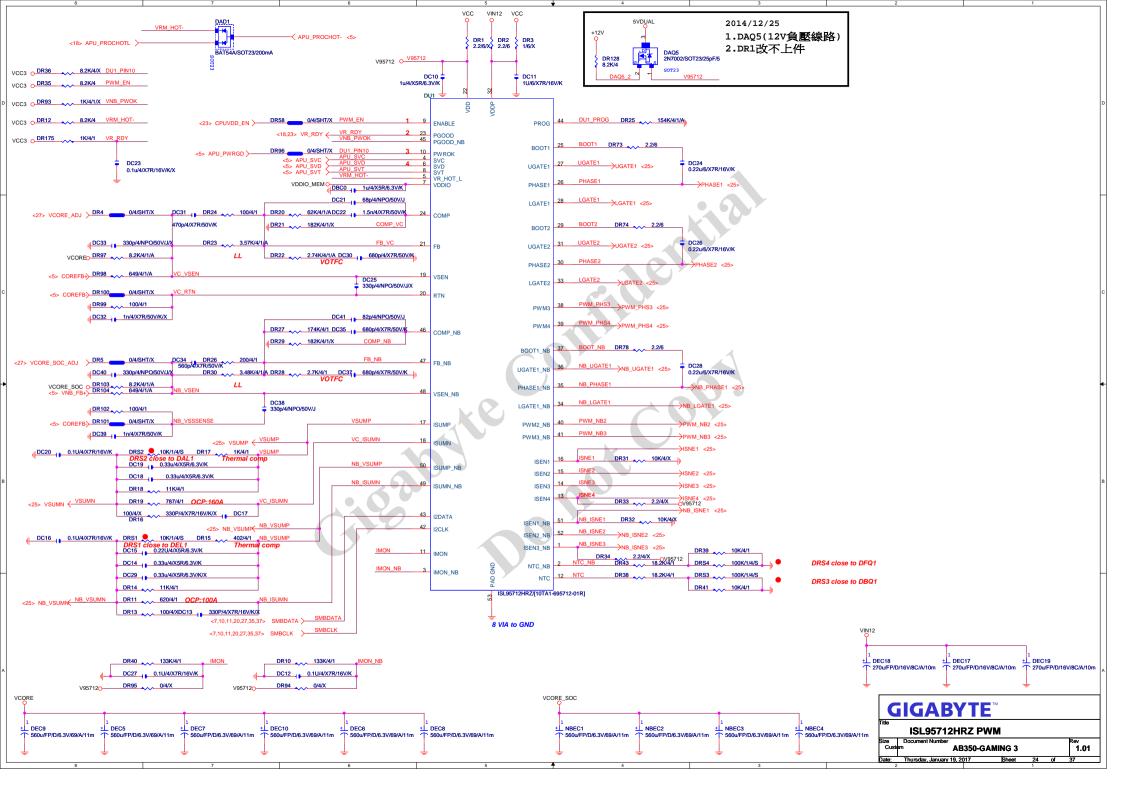


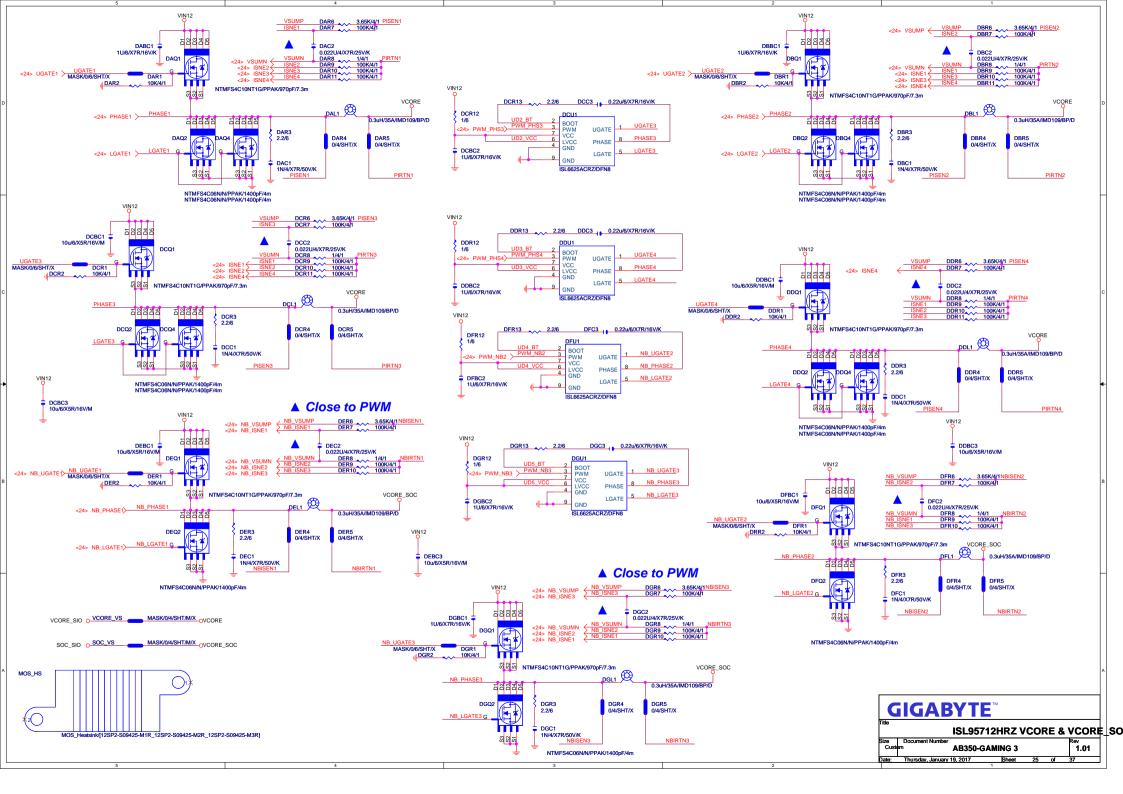


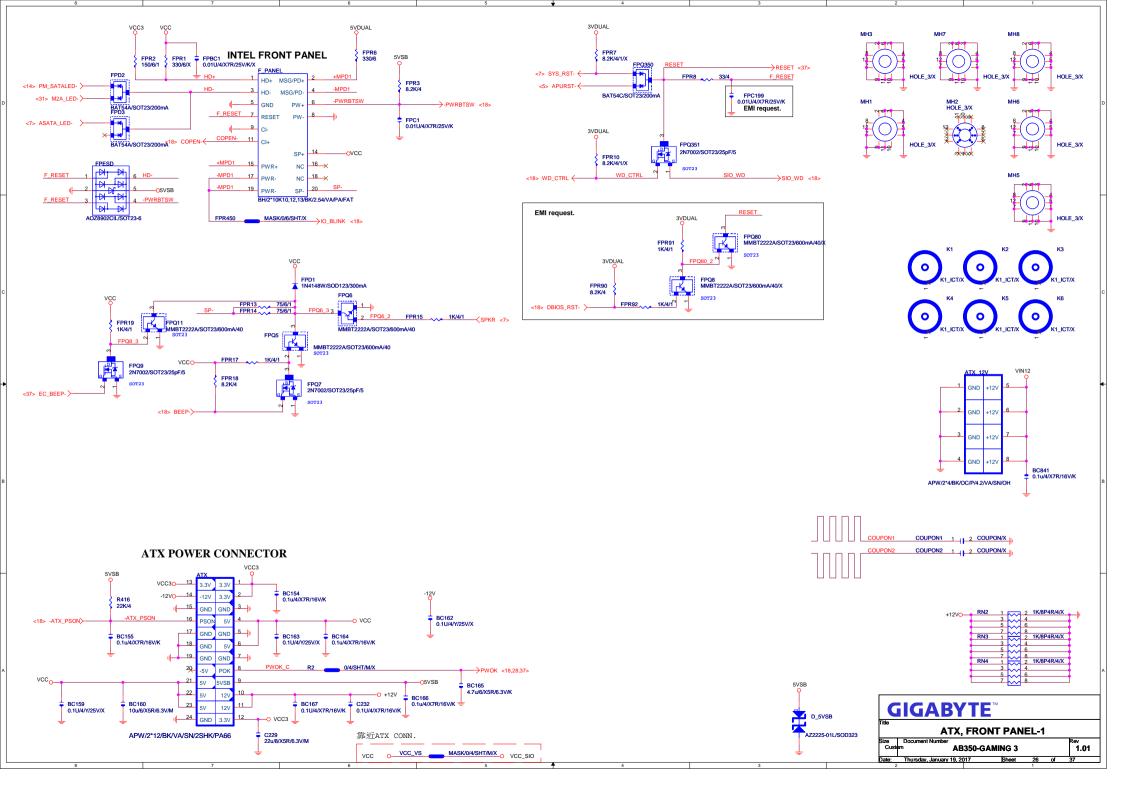


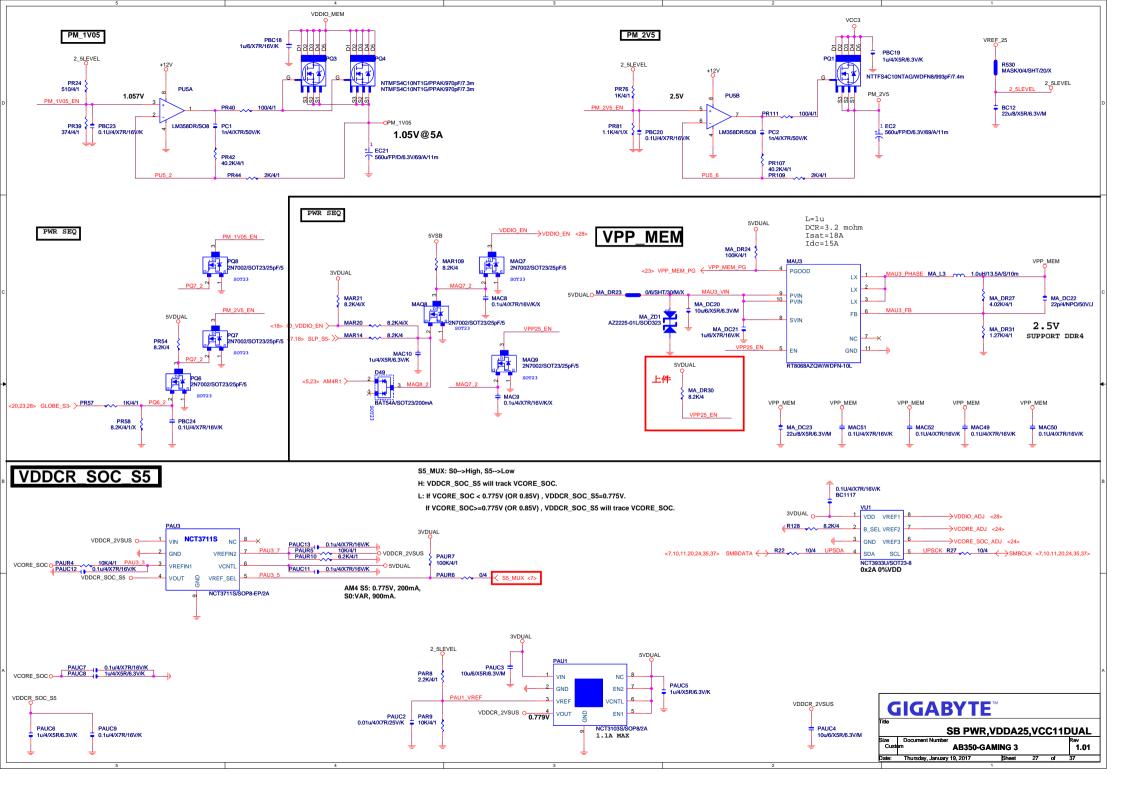


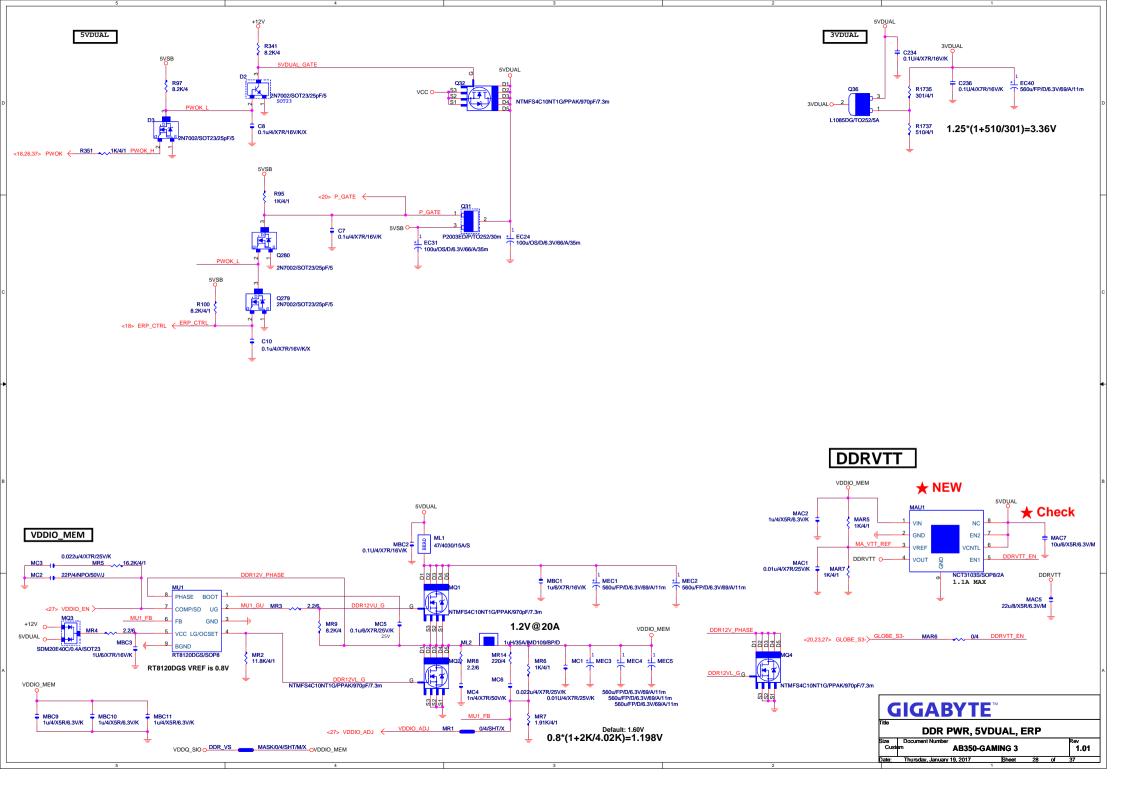


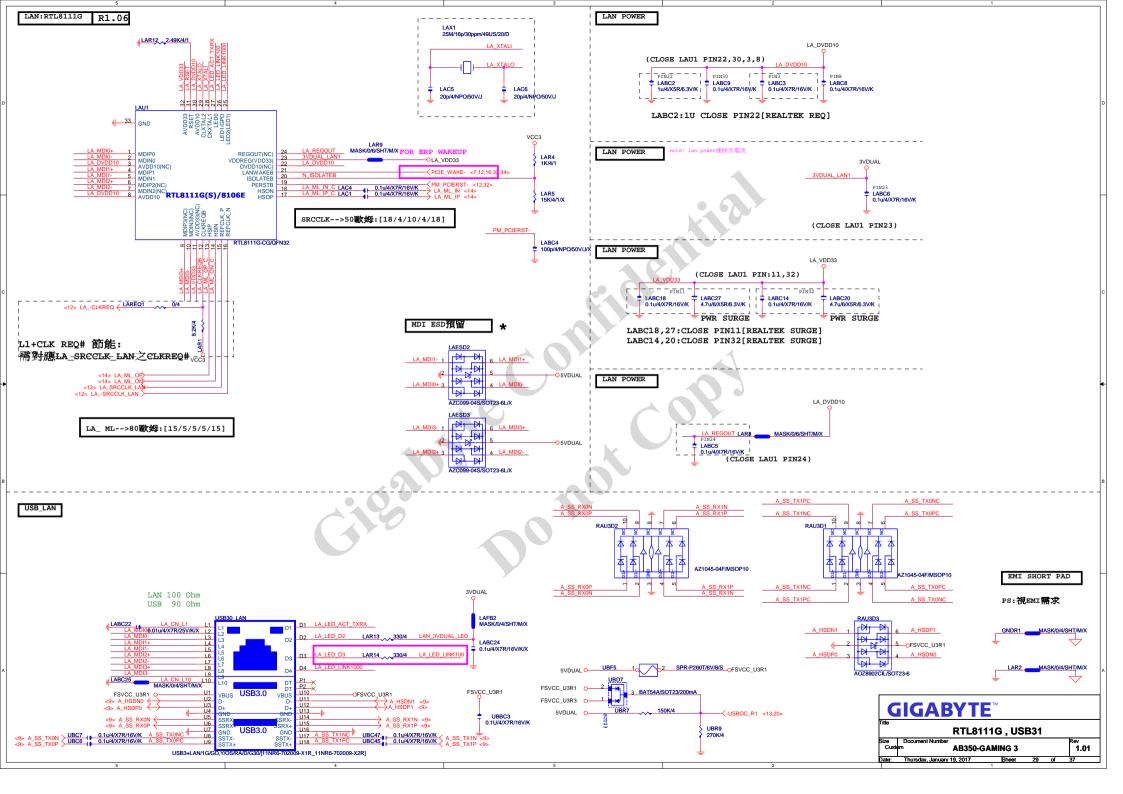


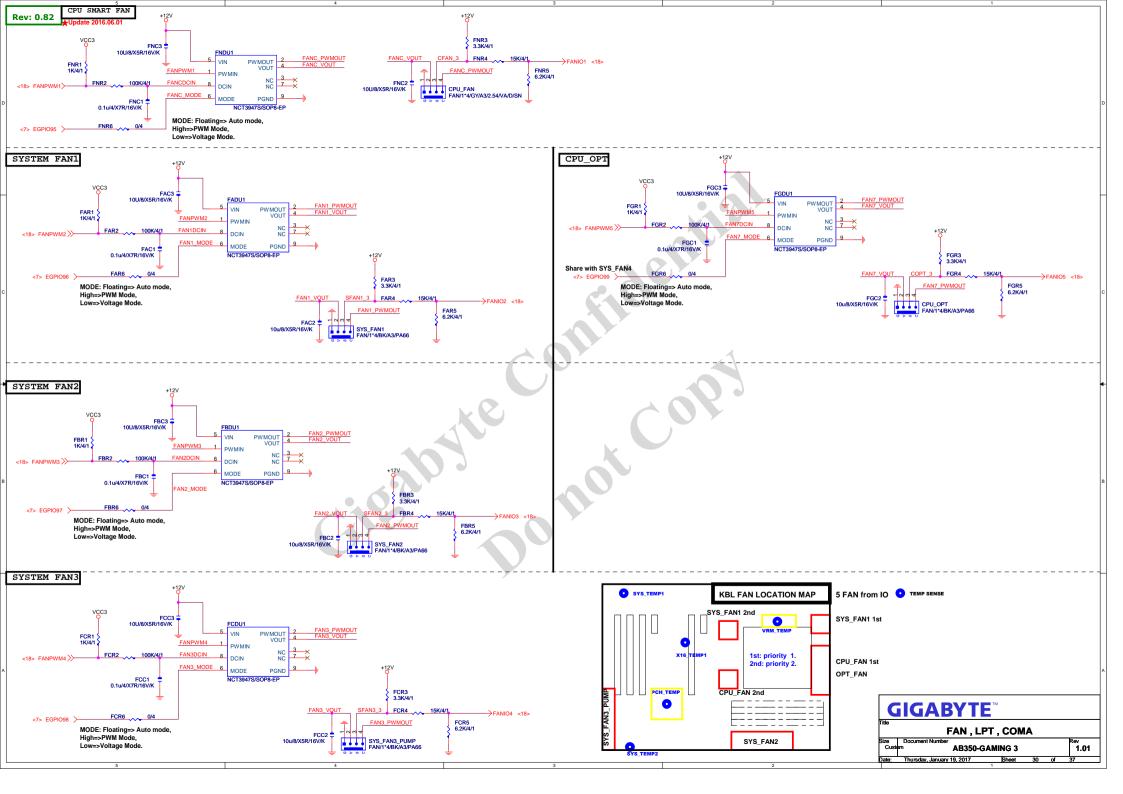


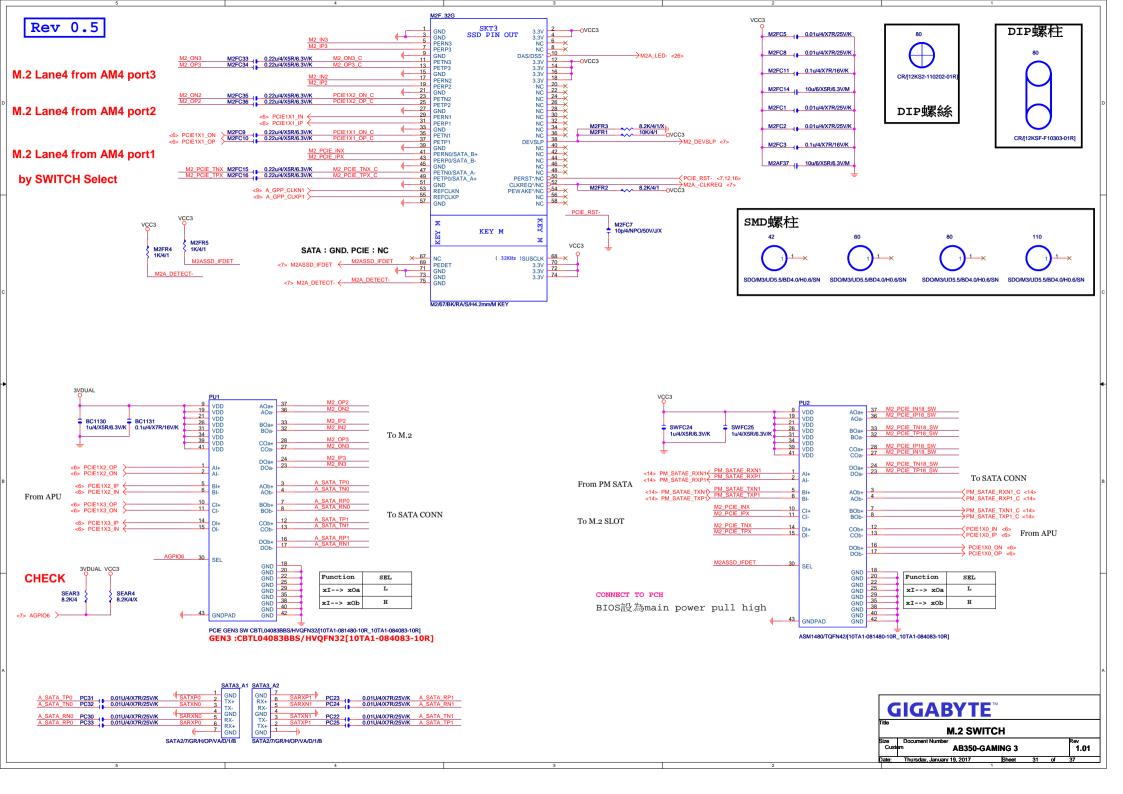


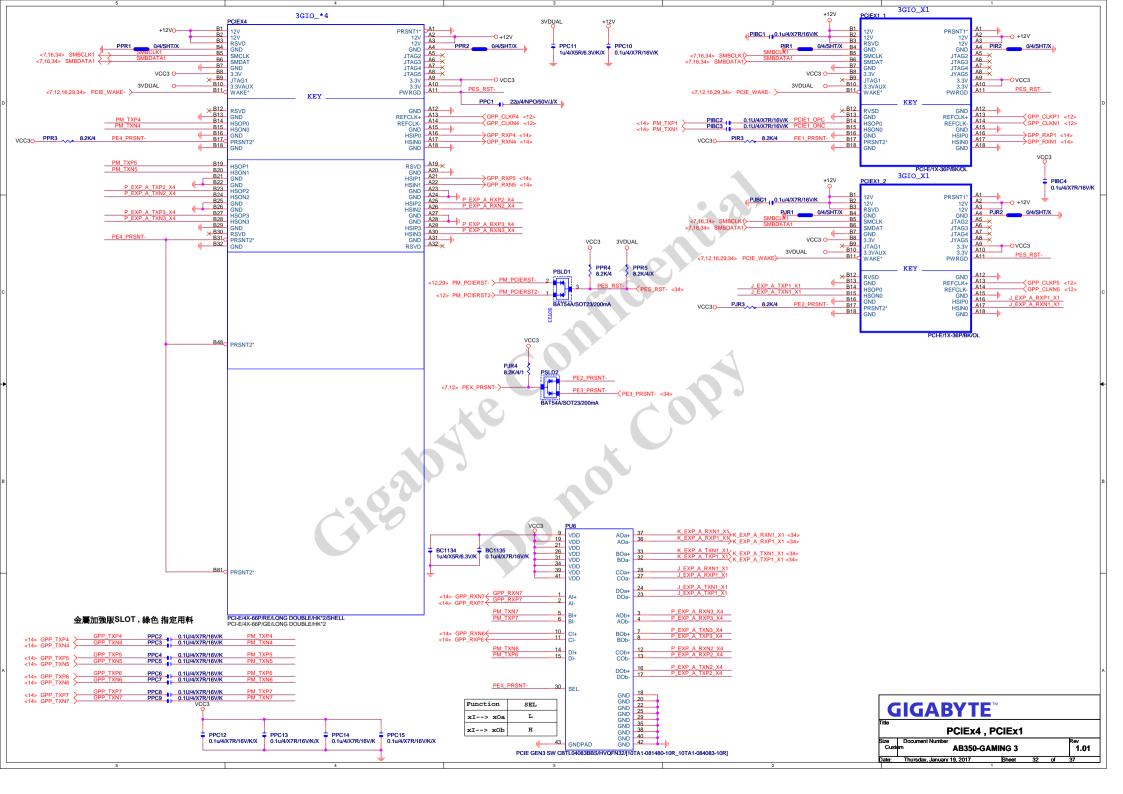


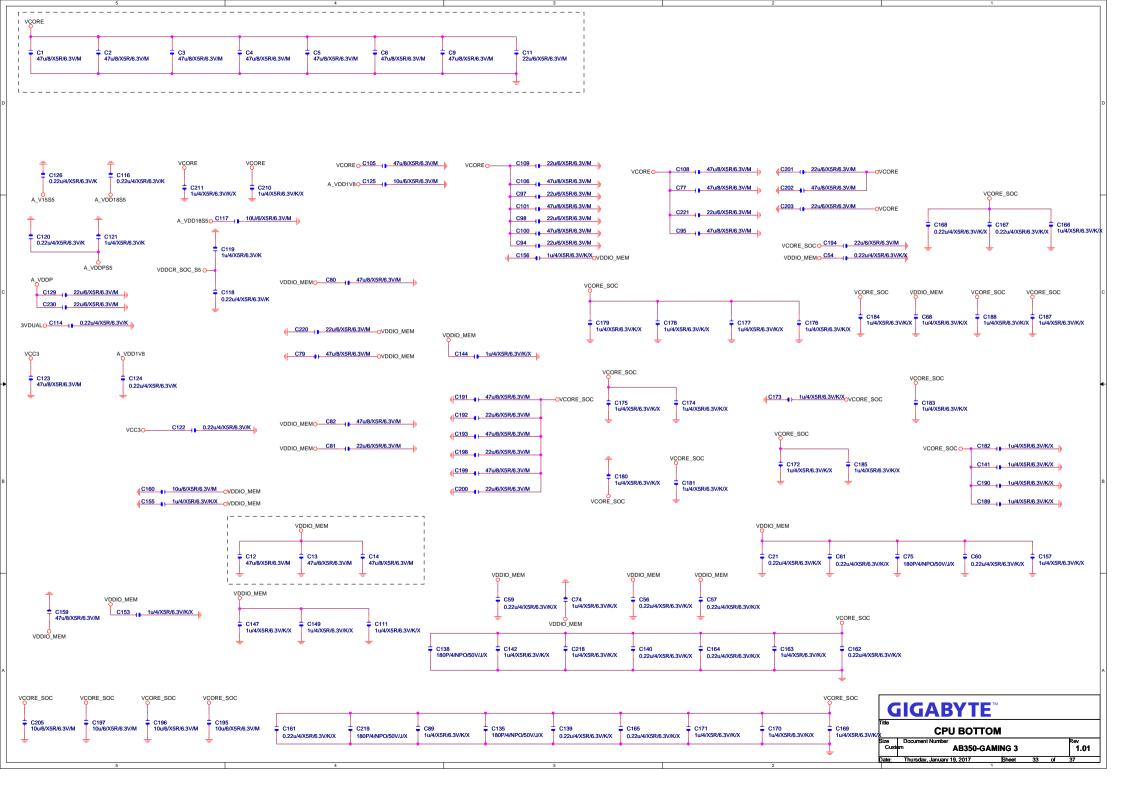


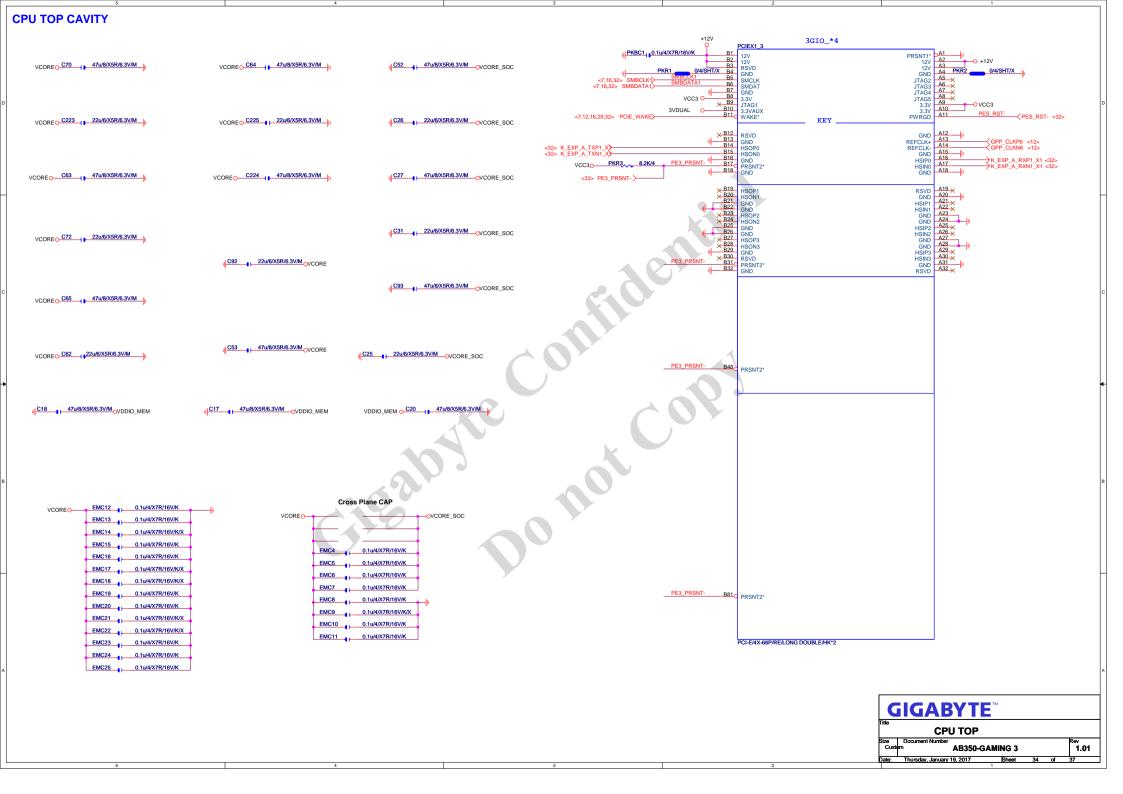


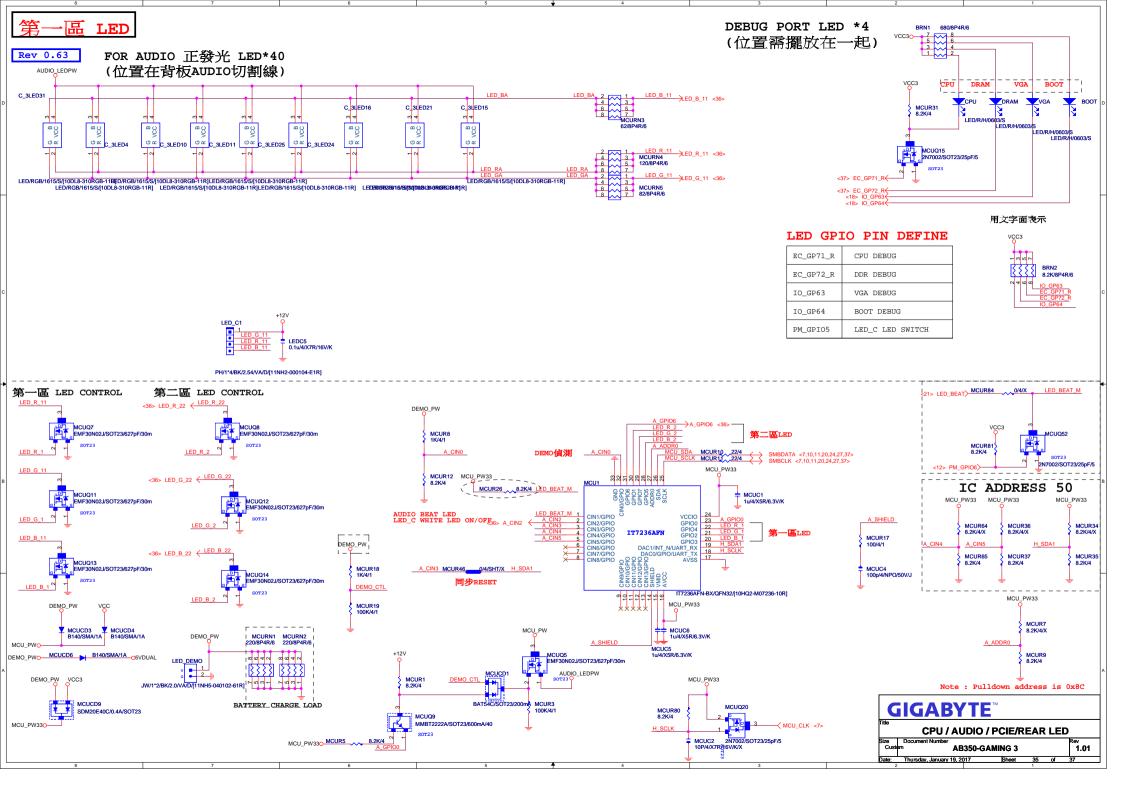














PCB_BAR_K1

PCB_BAR_K2

FOR 燈條 LED (LED_C放在PCB左邊板邊位置)

