GA-AX370-GAMING 5

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40	FAN CONTROL
41	IT8792 EC1
42	USB3.1 ASM1143
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44	IDTCKG, HWM, TPM, THB_C
45	M.2 /U.2 SWITCH
46	CPU / AUDIO / PCIE/REAR LED
47	PCB / PCH / DDR / LED_C LED
48	IT8792 EC2

2015.12.30--B.L



Model Name: GA-AX370-GAMING 5

Component value change history

Version: 1.01

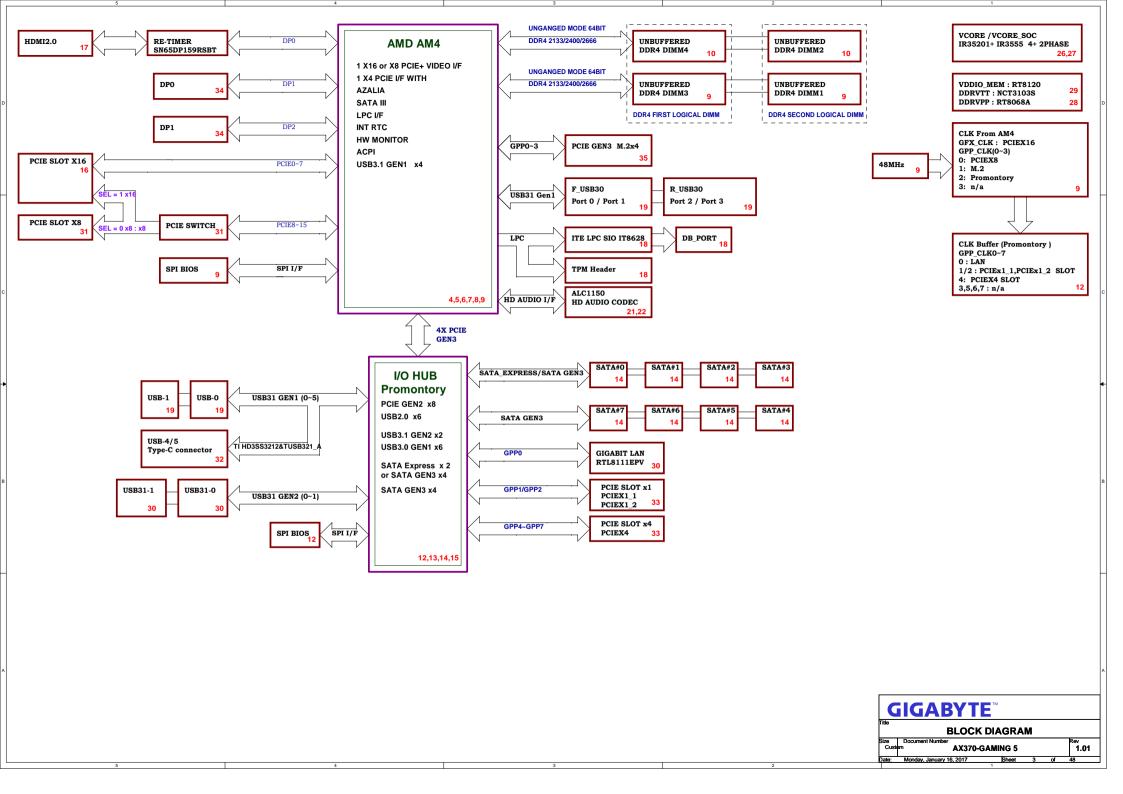
P-Code: U98126-0

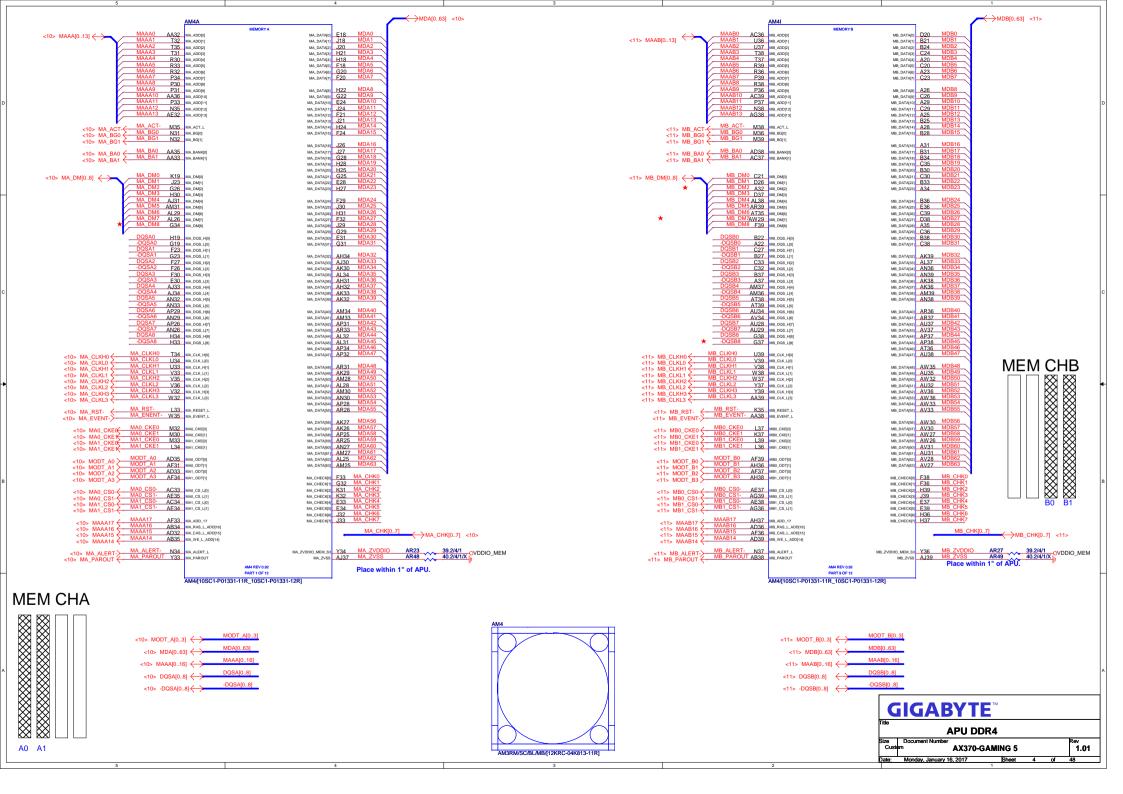
	_		P-Code: U98126-0		
Date	Change Item		Reason		
2016.08.08	01 New BOM Release.	PCB: 0.1	1. OR169 NA		
			2. FIX PWM PHASE 6.		
			1. FIX PT X4: CONFI 4/211/1111. 3. OR13. OR35 POP. OR33 NC.		
			3. OR13, OR35 POP. OR33 NC. 4. AGPIO 4 add puil down. 5. FIX SATA_EXPRESS ISSUE.		
			1. USB SSC STRAP 2. DAC POWER P_EN->P_GATE		
			3. PCIE Group 0/1 strap & sch		
			4. SataExpress strap & sch 5. EFUSE_PWR SCH ADD 預留pull down sch		
			6.PAUC6/PAUC8 0402>0603 10u		
			7. STARDUST MEASURE DAR30&DAR27>11K DAR61>13K		
			8. PT USB30 Add Redriver		
			9. update codec 1220 VER:053 10. IT8686 ADD FOR FIX PSU VCC3 負駁 SCH		
			11. IT8792 BOM		
			12. WATCHDOG PIN CHANGE TO PIN47 & PIN90 13. DEBUG LED GPIO CHANGE TO SIO GP65 & GP95(CPU & DRAM LED)		
			14.PX2 FOOTPRINT CHANGE		
			15.ADD AR100 FOR ORTCRST 16.PR60/PR61 PULL UP , PR59/PR63 NA GPP GROUP0		
			17.PR22/PR65 PULL UP , PR64 NA GPP GROUP1		
			18. DDR SLOT "DDR4/288/BK/VA/D/G15/TWO LATCH/SHELL"雙耳扣用料		
			19.MOS_T 12SP2-S09425-71R_12SP2-S09425-72R_12SP2-S09425-73R 20. MOD_R 12SP2-S08025-71R_12SP2-S08025-72R_12SP2-S08025-73R		
			21. USB31_LAN "11NR6-706009-51R"		
2016.11.29	01 New BOM Release.	PCB: 0.1	0. rename AX370-Gaming 5		
			1. OR37 PULL 3VDUAL_IO(部分SIO POWER改接3VDUAL_IO for ERP) 2. BEEP- 原GP27 改接 GP15 (IT8686 Pin32) , OR26 Pull hi 刪除		
			2. BEEF- 原GF27 改接 GF15 (118686 Pin82), OR26 Pull III 關係 3. MB_ID2 原GP26 改接 GP65 (IT8686 Pin82),		
			4. TPM PIN1 修改,不接SIO,改接至CPU 5. LPC from EC8792 (注意FW)		
			6. MR19 N/A , MR0 上件,OR38 / OR39 上件 (Debug LED)		
			7. OC Botton GPIO CHANGE 8. DUAL BIOS from EC8792(須注意FW)		
			9. CC change to TI3220		
			10. PCH_TEMP/X16_TEMP/X16_TEMP2 change to 10K/4/1/S 11. FPQ351/FPQ80/FPQ81 先不上件		
			12. MOS_T/R & PCH HS 料號修改 13. MA_DR12 2K>1.91K		
			13. WA_DR 12 2R>1.91R		
2017.01.16	101 New BOM Release.	PCB: 101	1. MASK XMP & TURBO 2. ECR100 PULL TO VCC3		
			3. CPU_FAN color CHANGE TO GRAY		
			4. DAU1 Update PN:10TA1-635201-08R 5. FPQ351 上件 For Watchdog		
			6. ECR21 NA (預防AGPIO85誤動作)		
			7. PR7 change to 10p , PC15/PC16 NA 8. OR51 CHANGE TO 0ohm NA		
			9. PT Crystal 1M>10p / 匹配cap NA		
		-			

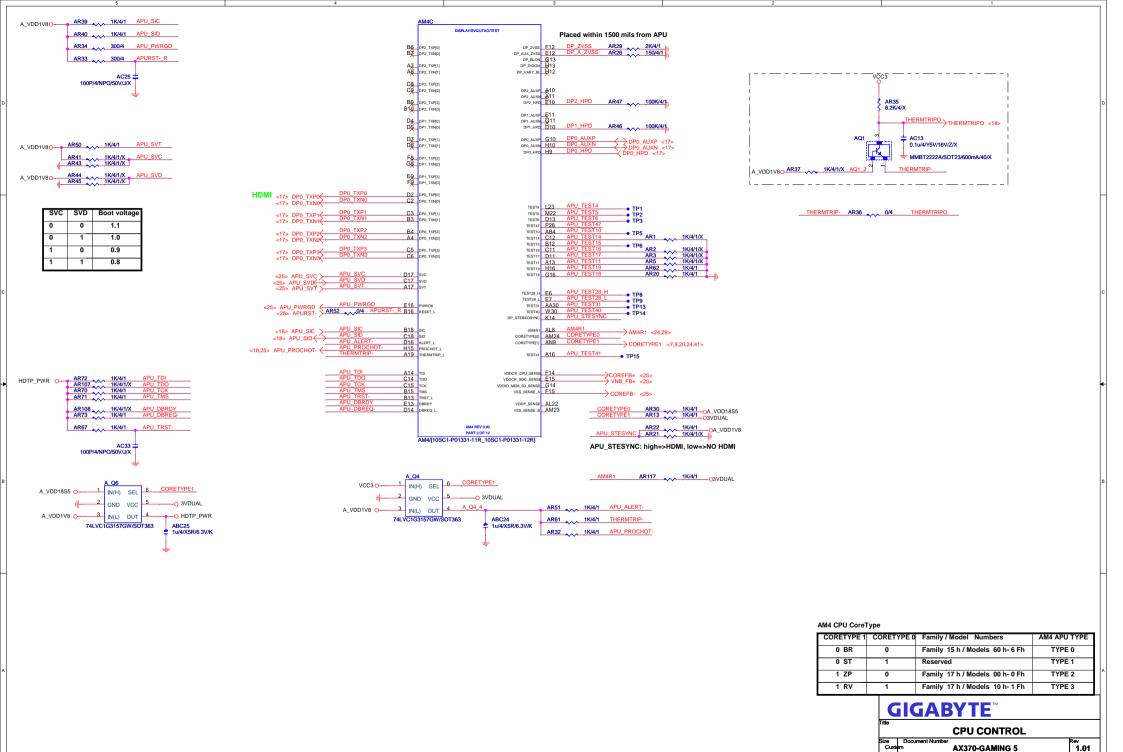
Circuit or PCB layout change for next version

Date	Change Item	Reason
2017.01.13	Rev 1.01 Gerber-out	1. MASK XMP & TURBO 2. ECR100 PULL TO VCC3 3. PUMP1/2 change name SYS_FAN5_PUMP,SYS_FAN6_PUMP, 4. SIO & EC 48M ADD OR1 & ECR30 1K PULL DOWN

C	GIGABYTE [™]						
Title							
	BOM & PCB HISTORY						
Size	Document Number				Rev		
Cust	™ AX370-G	AMING 5			1.01		
Date:	Monday, January 16, 2017	Sheet	2	of	48		
		1					



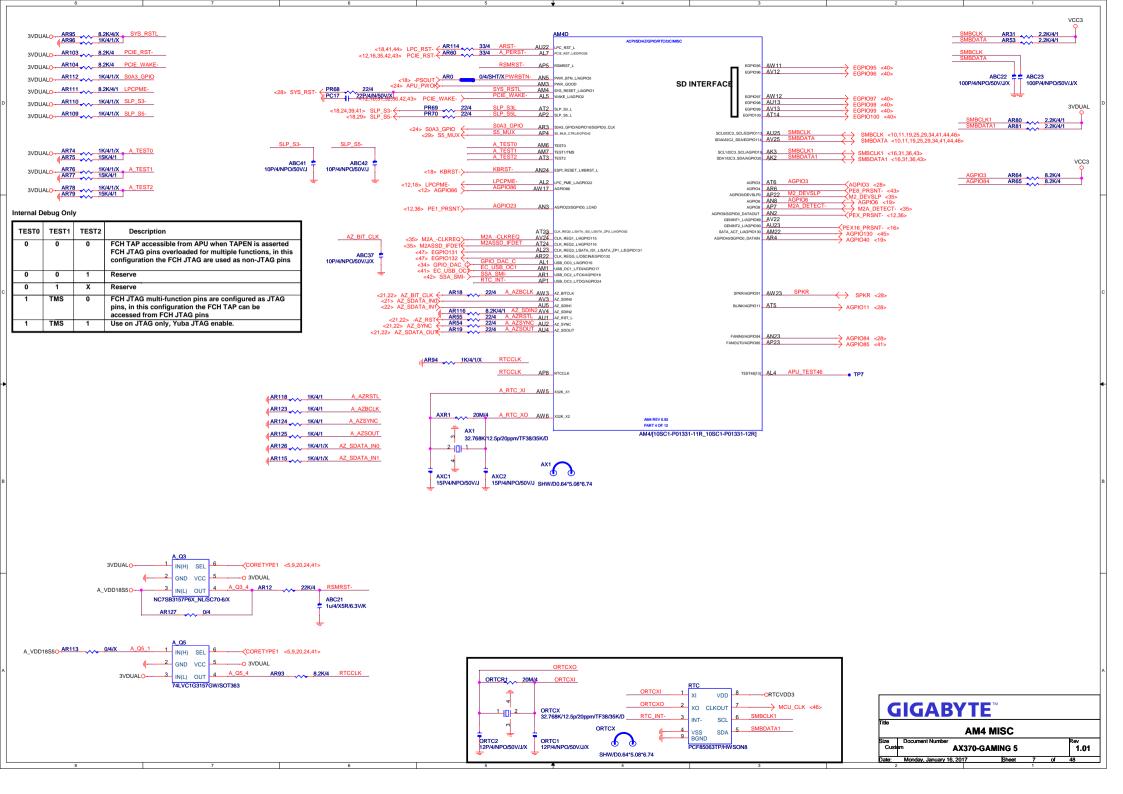


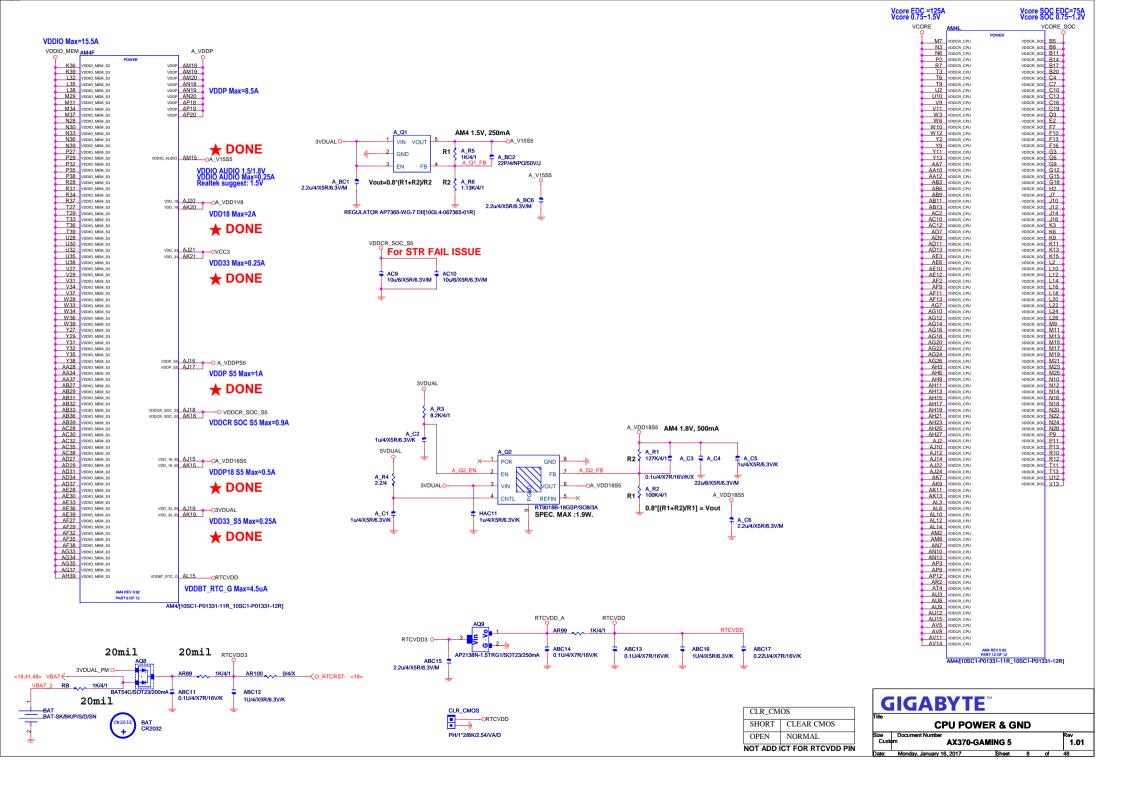


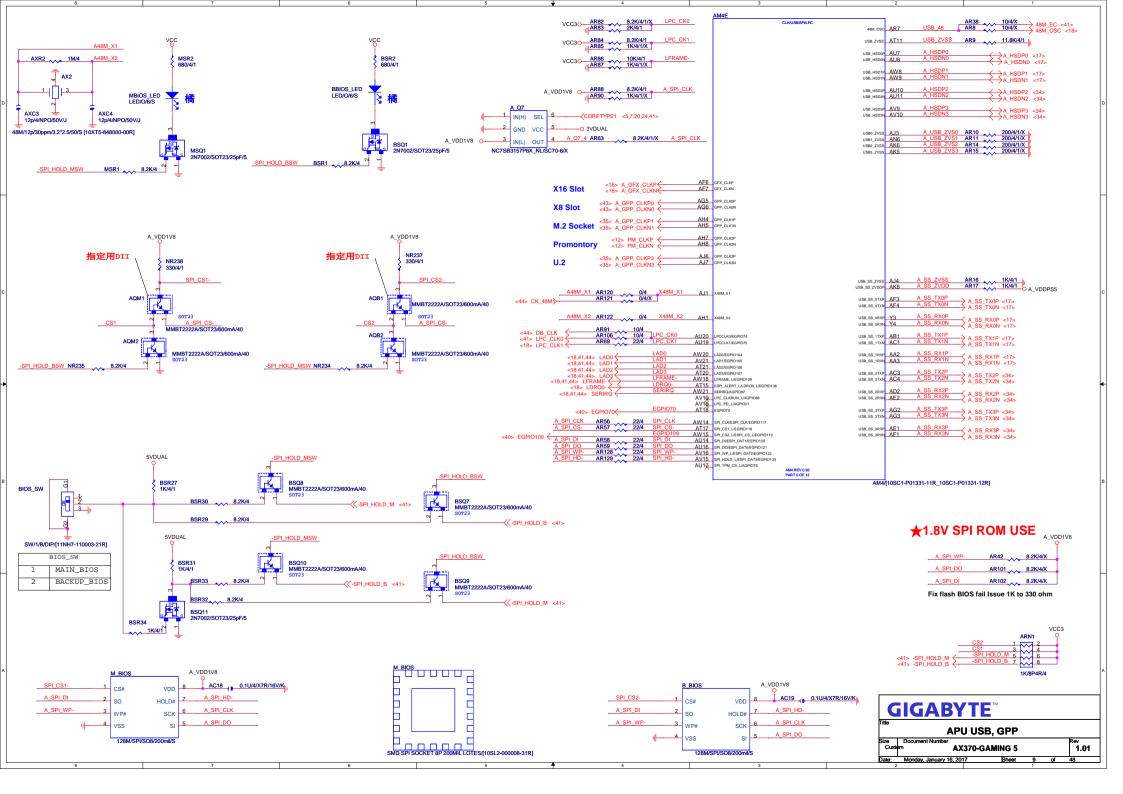


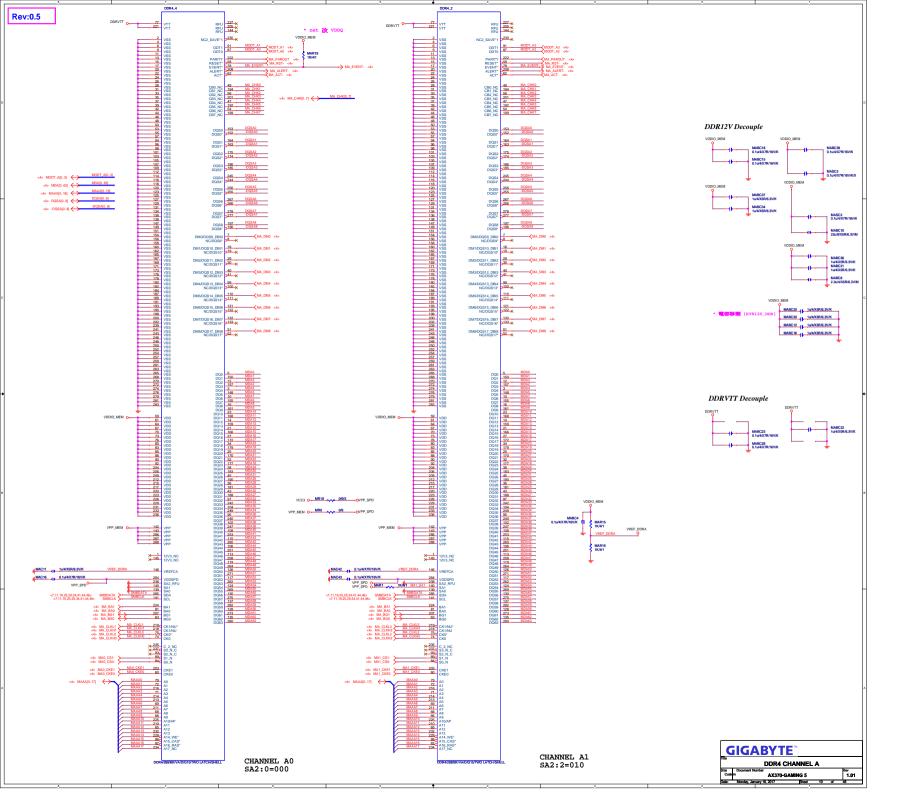
AX370-GAMING 5

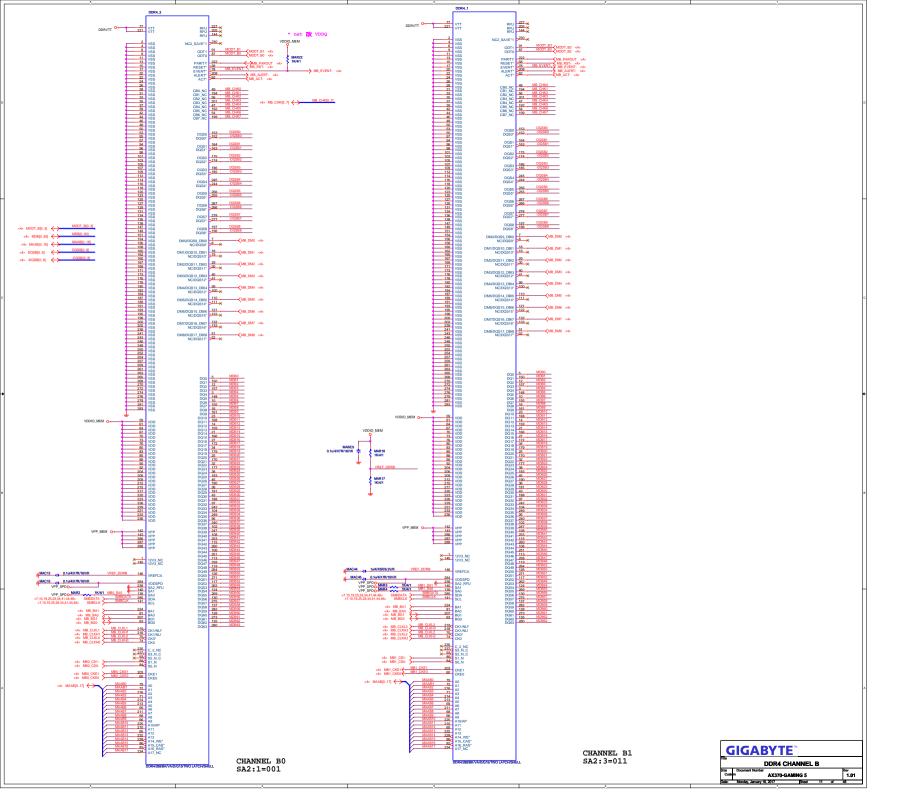
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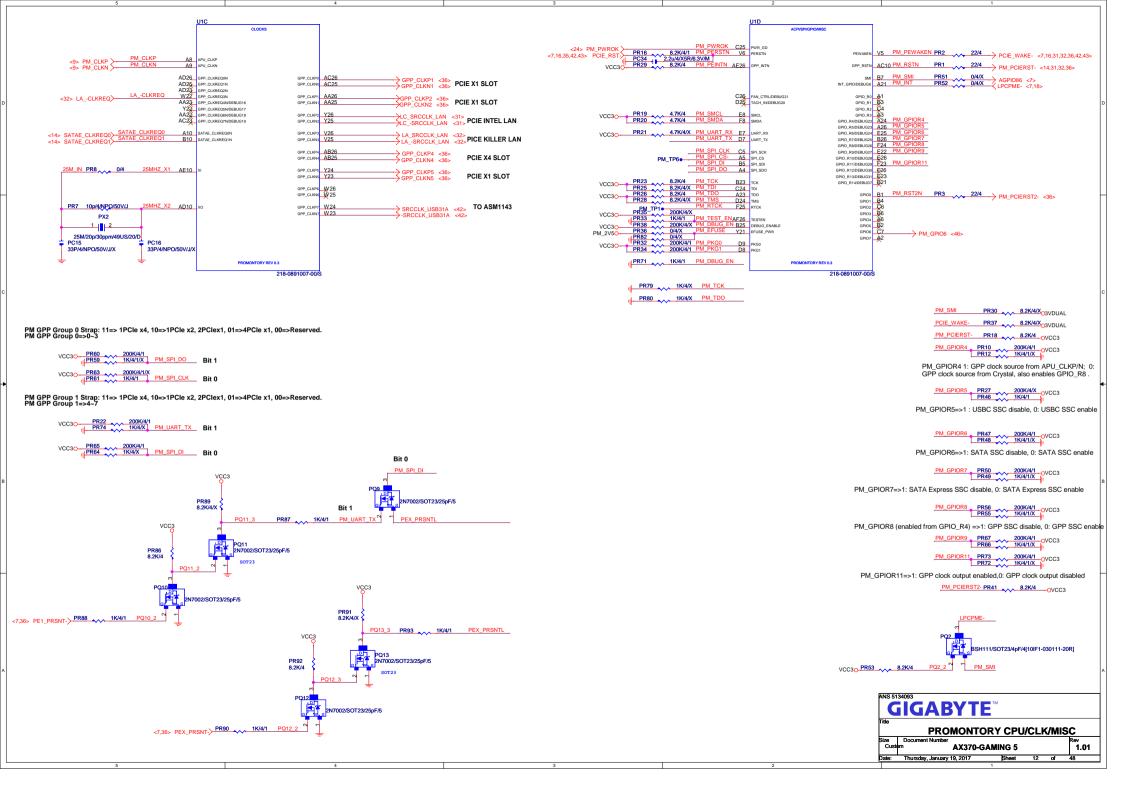


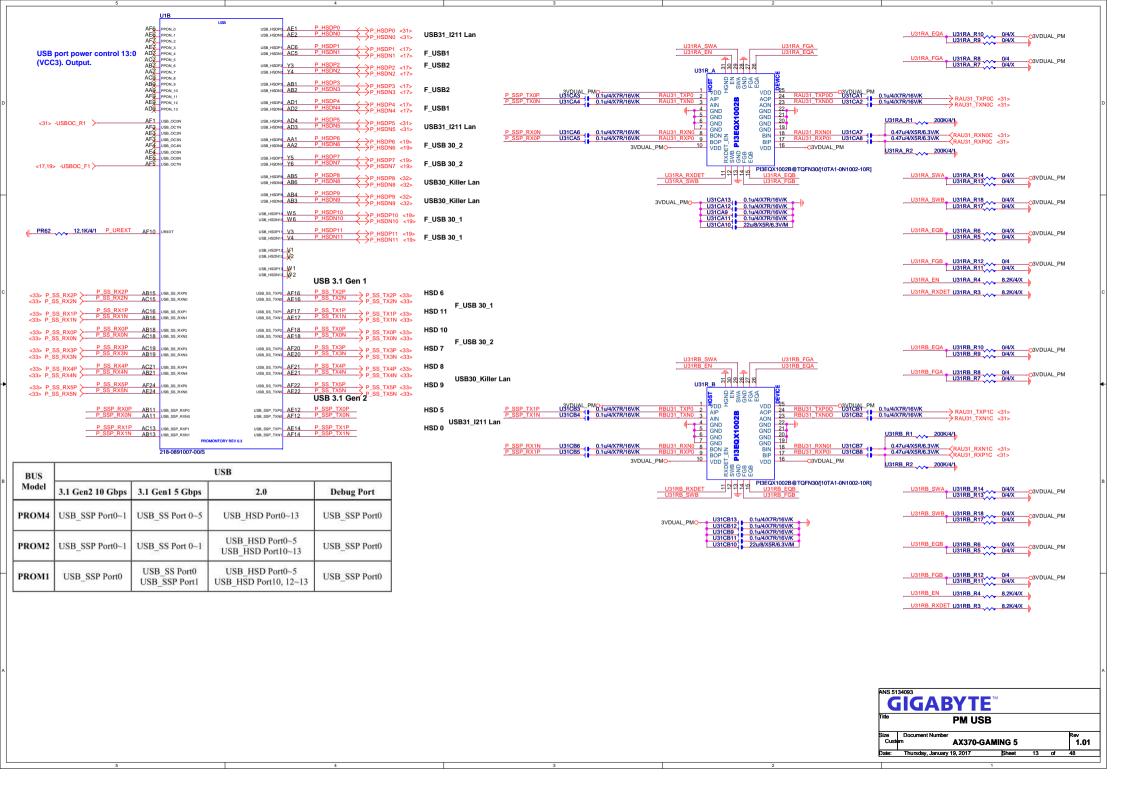


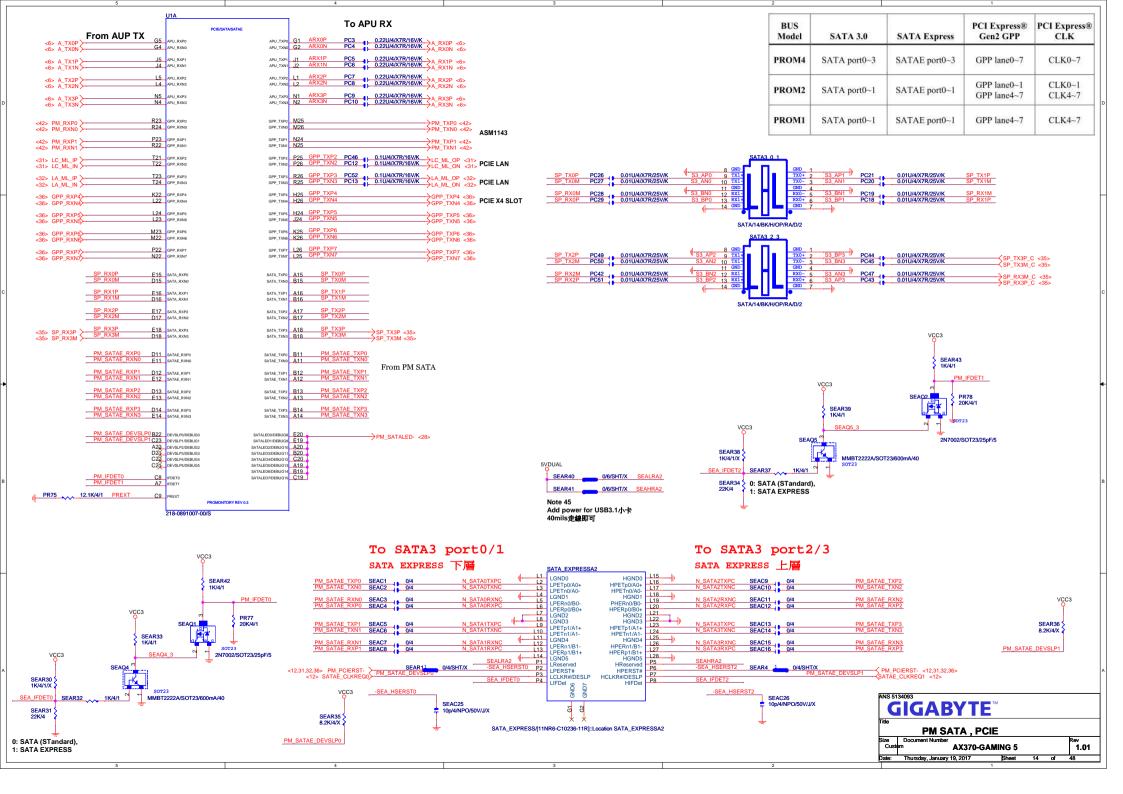


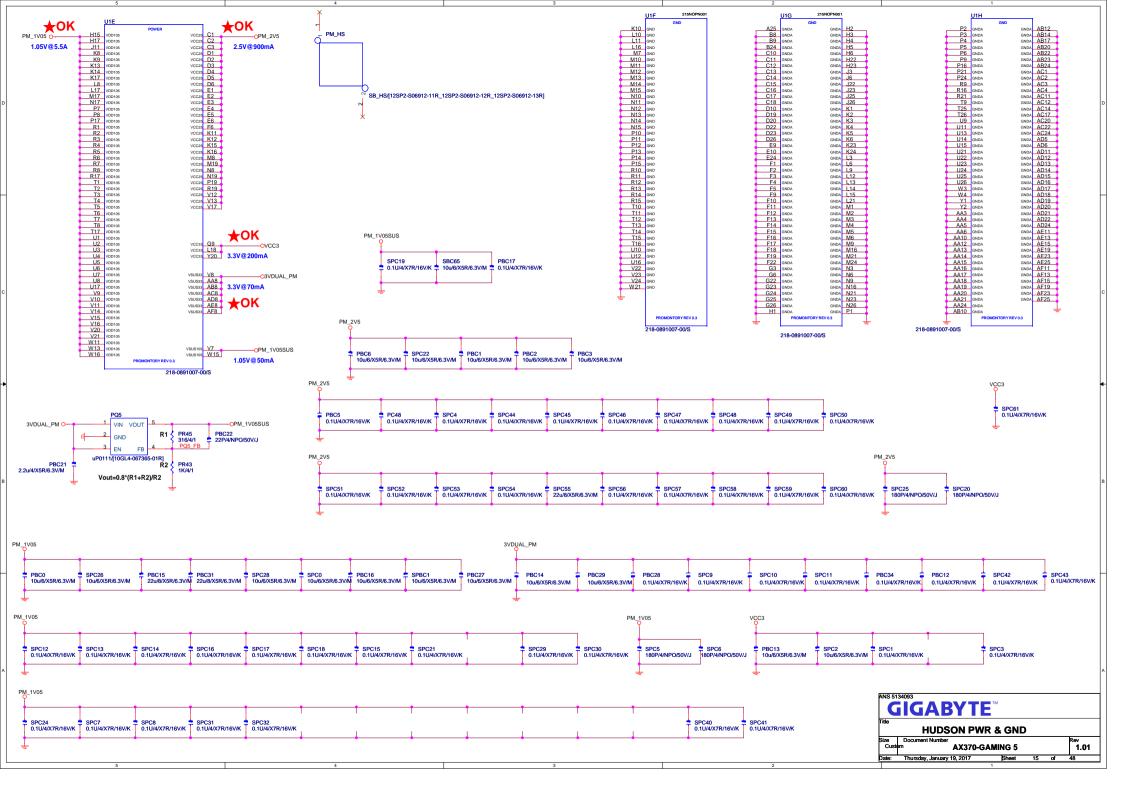


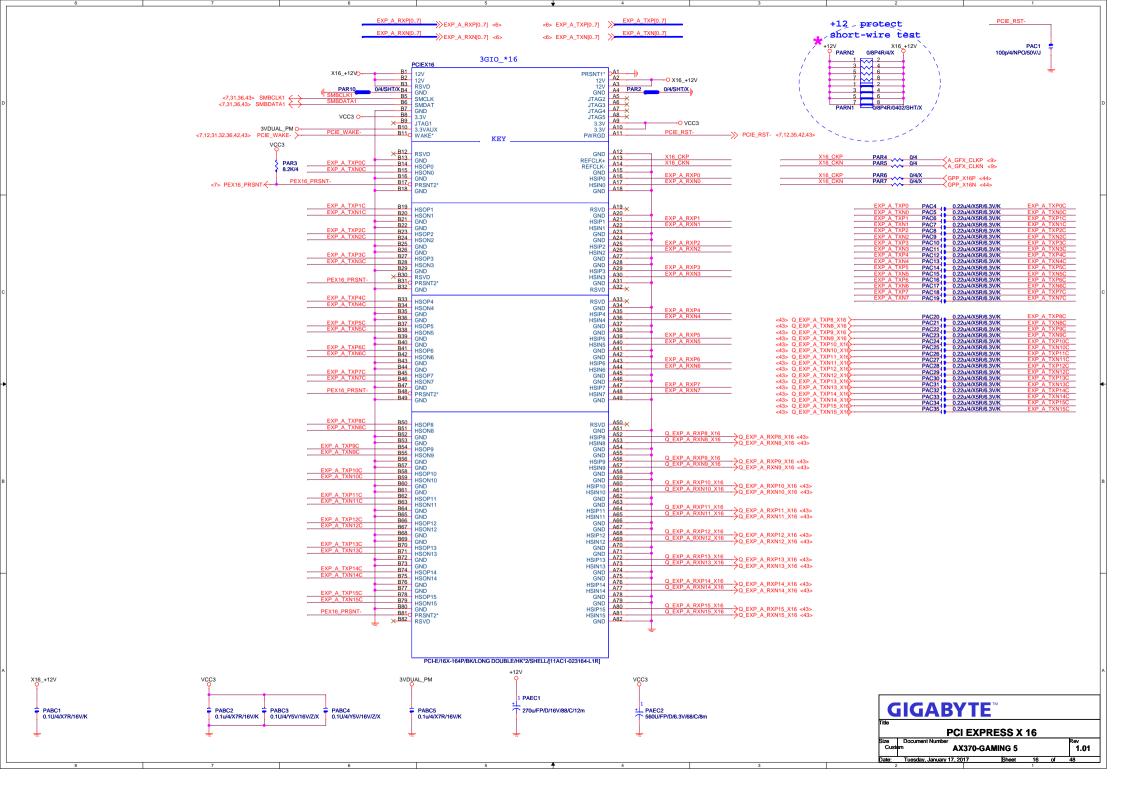


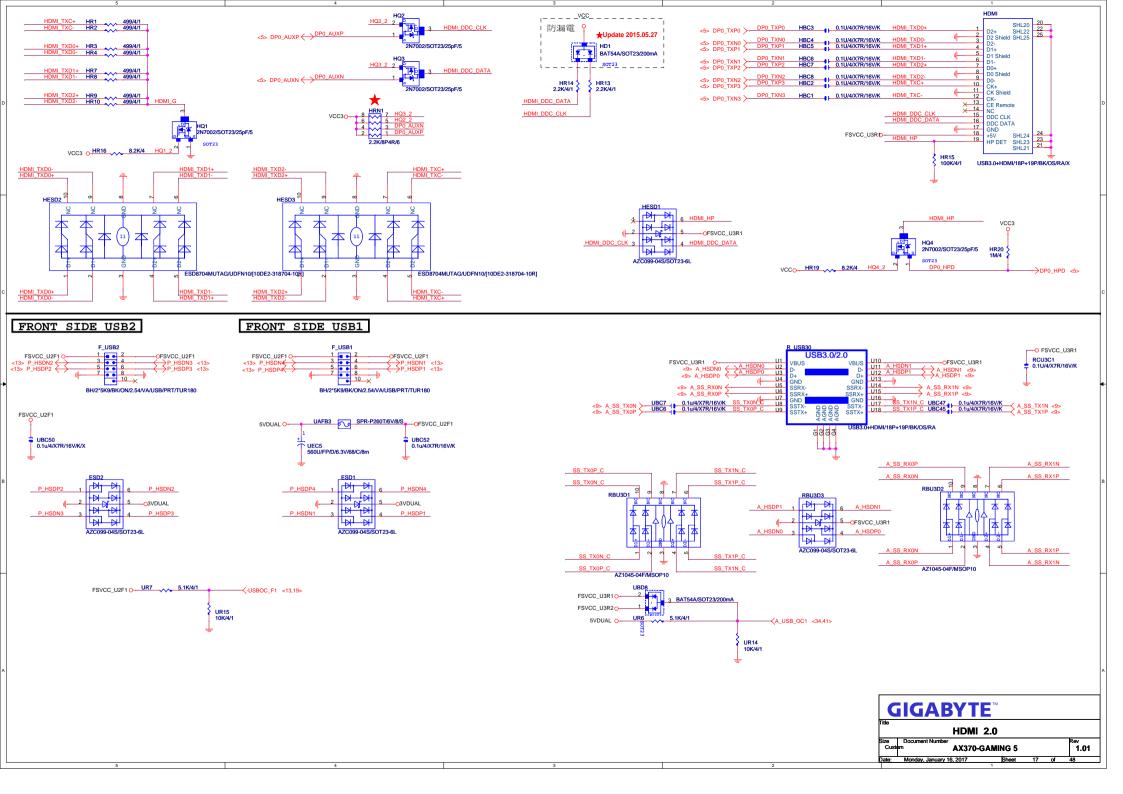


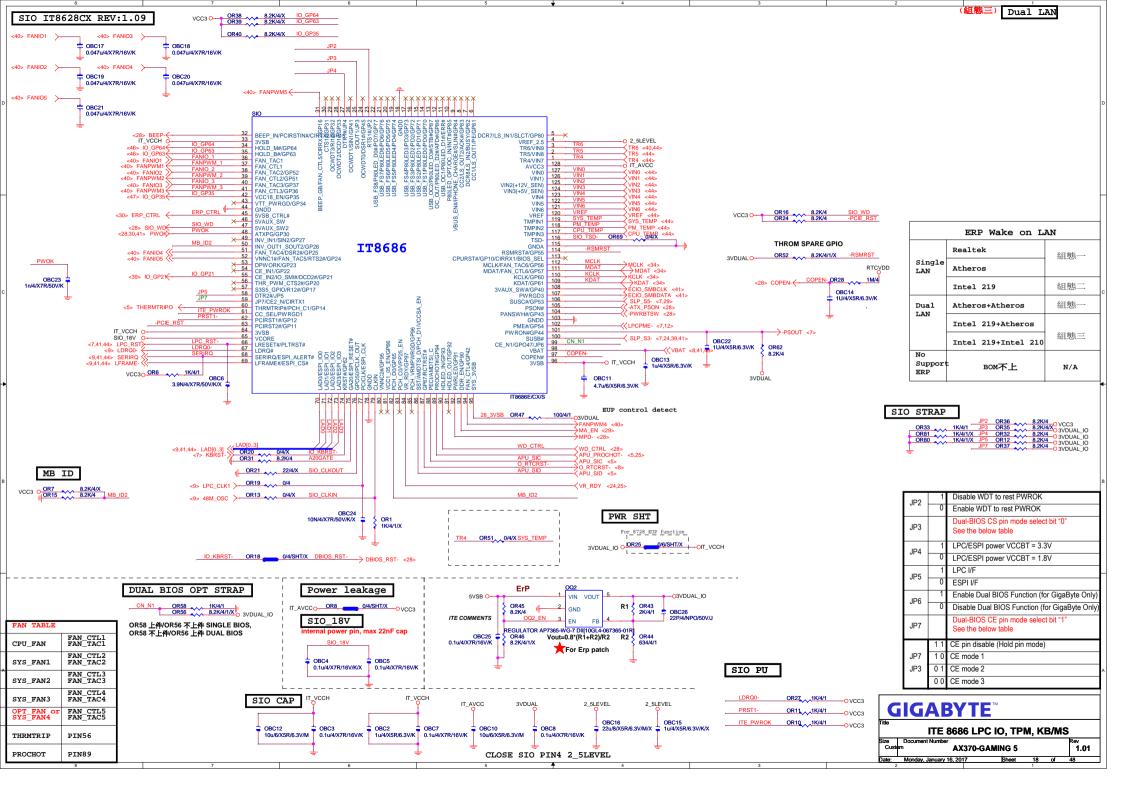


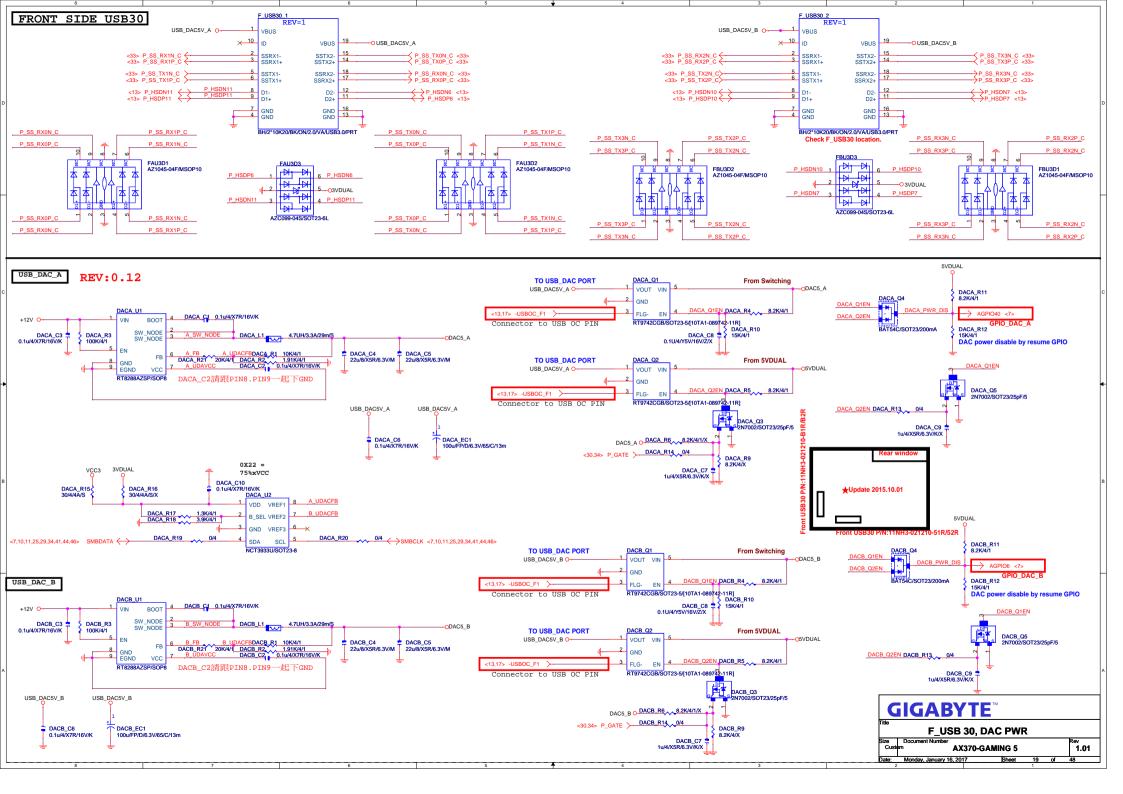


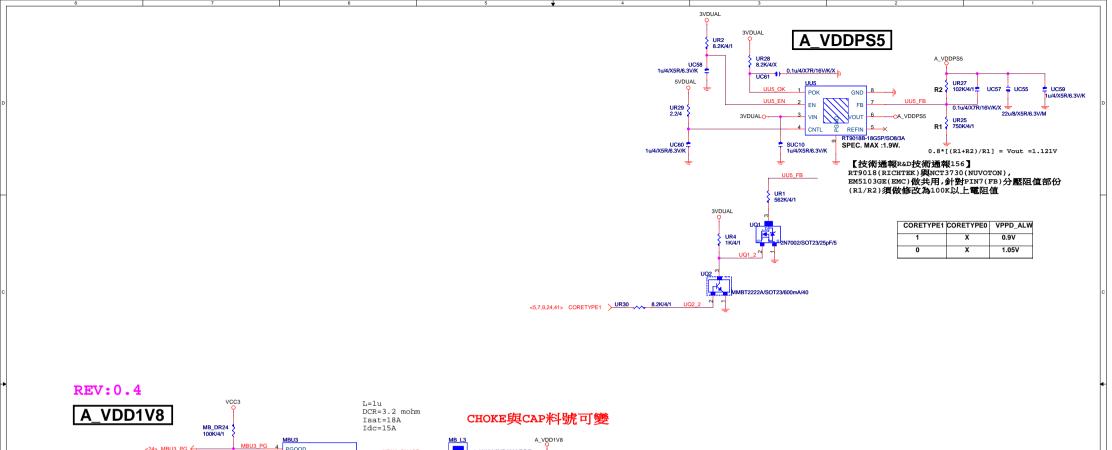


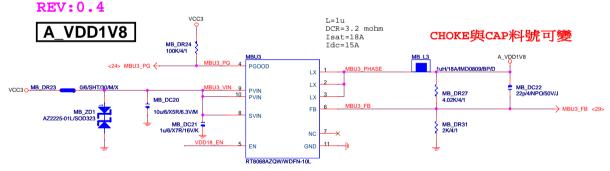


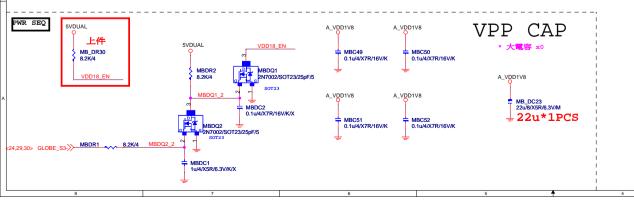




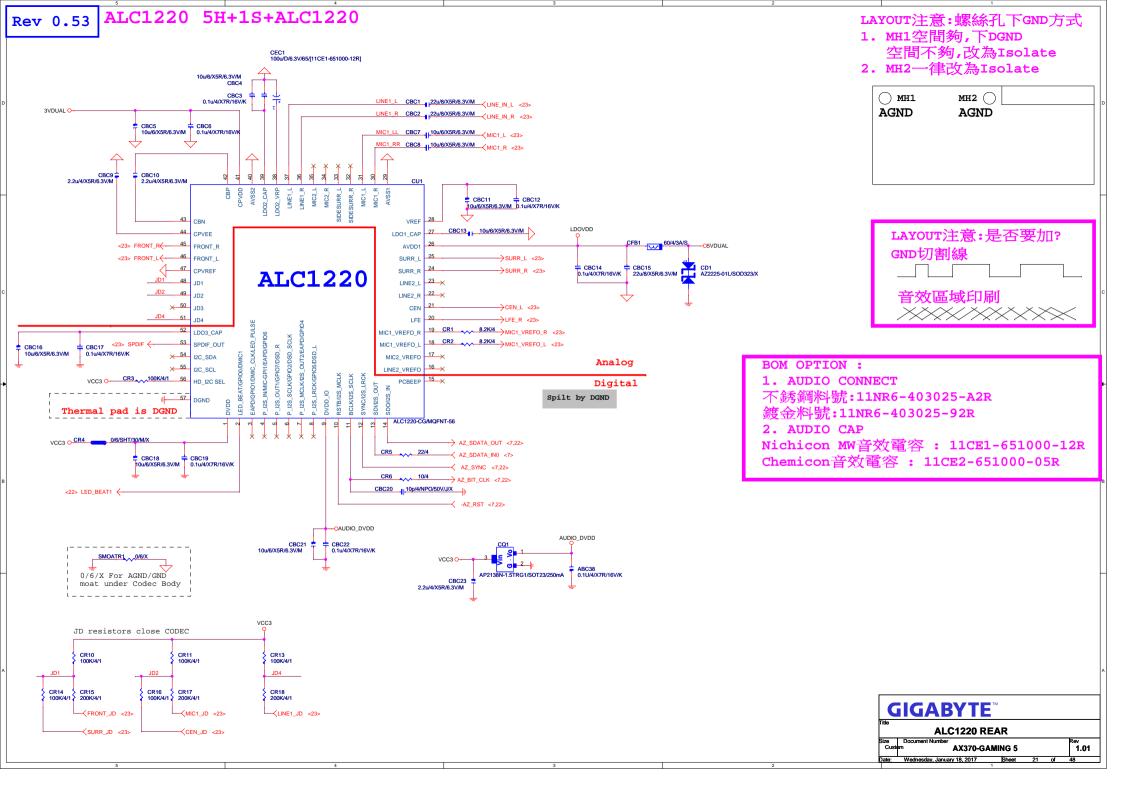


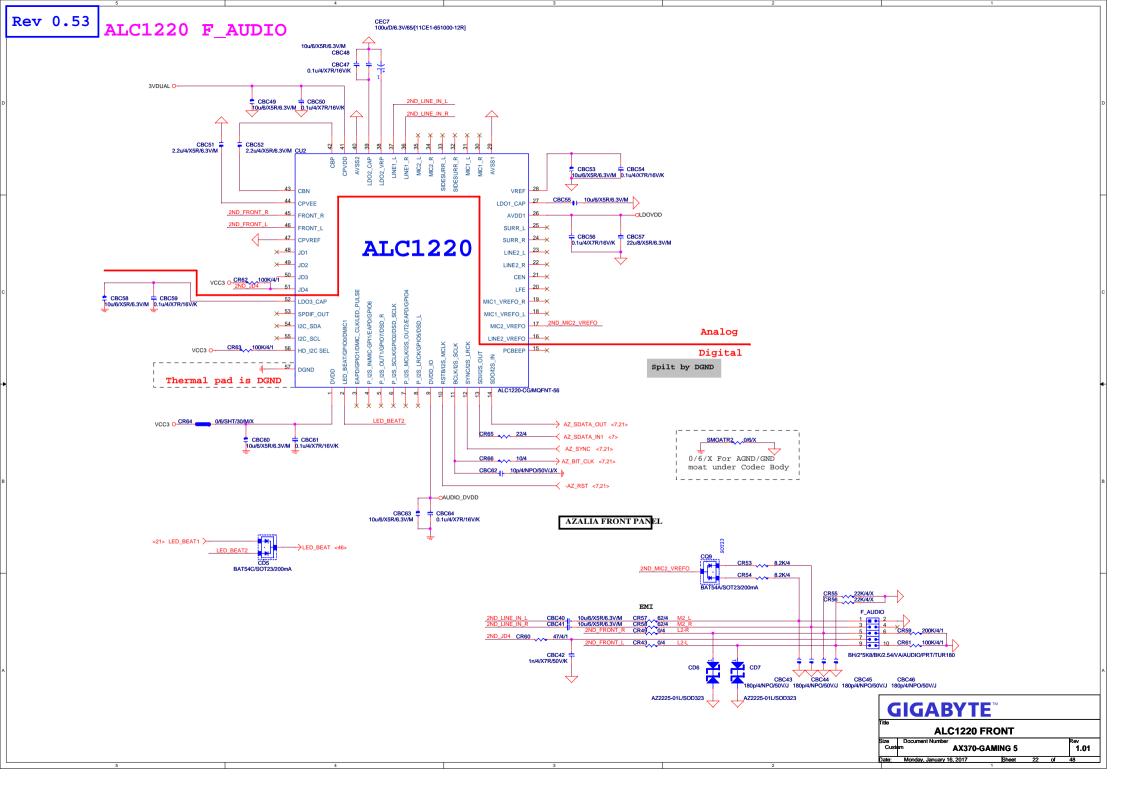


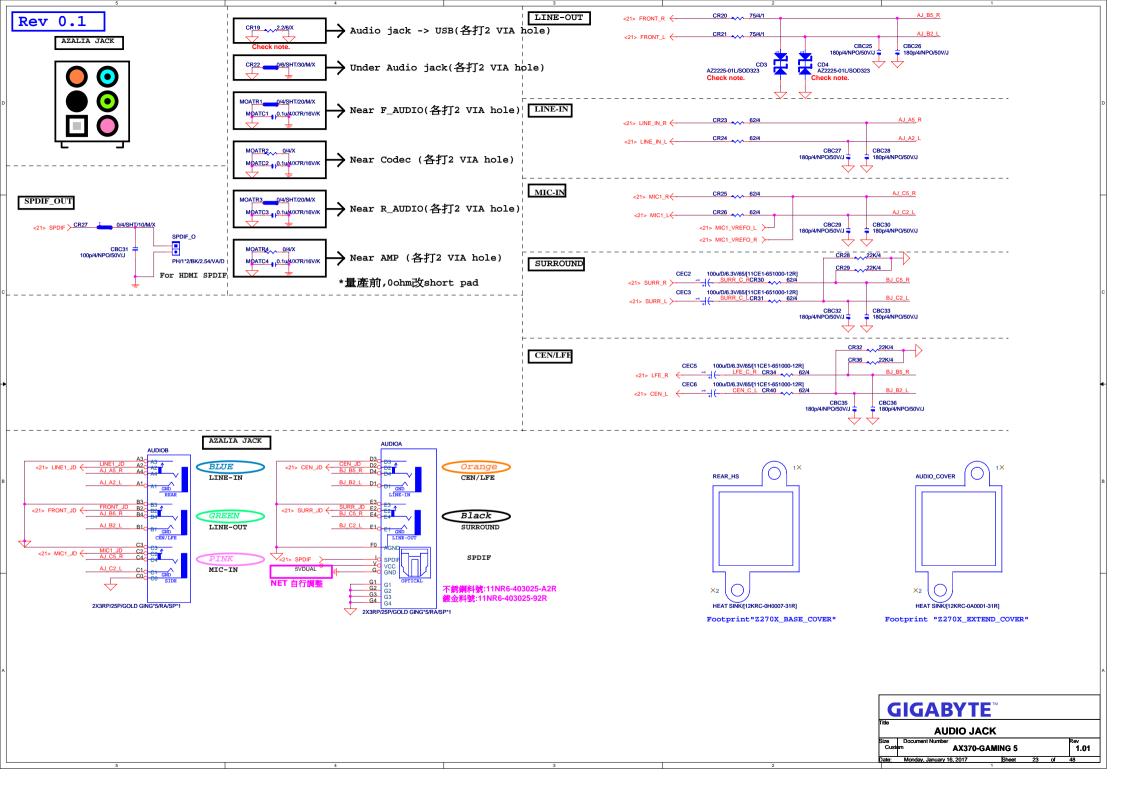


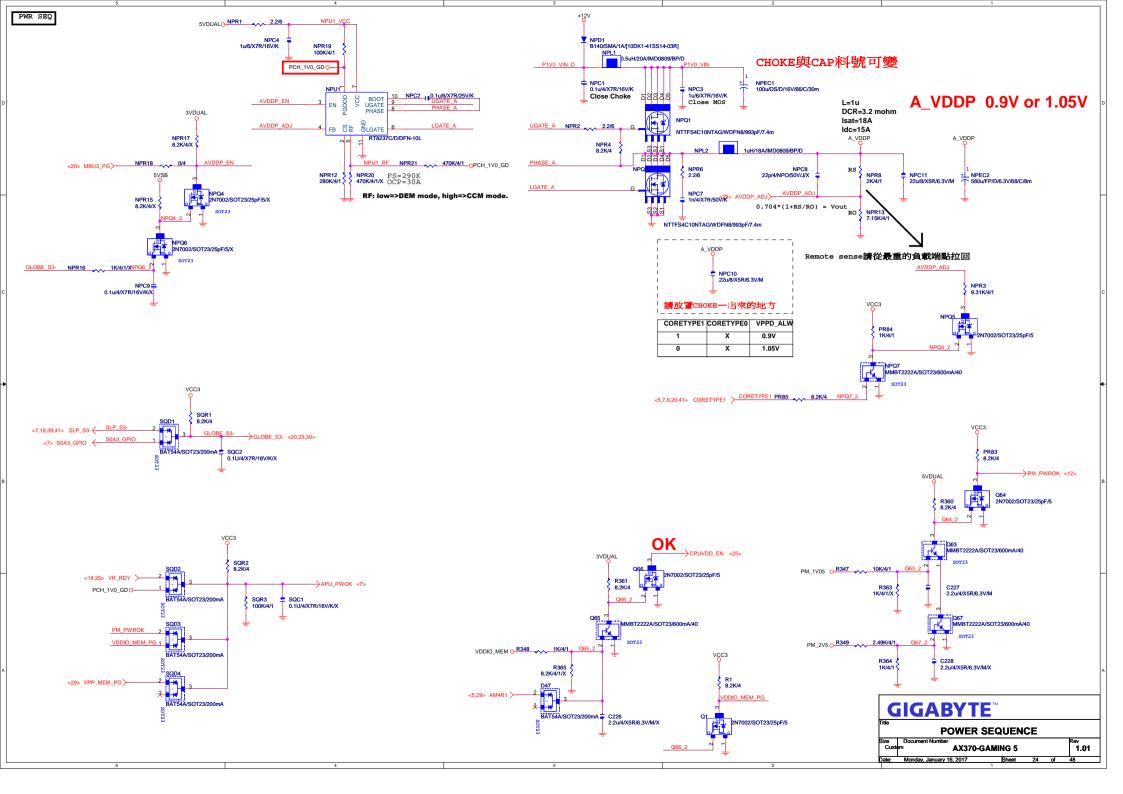


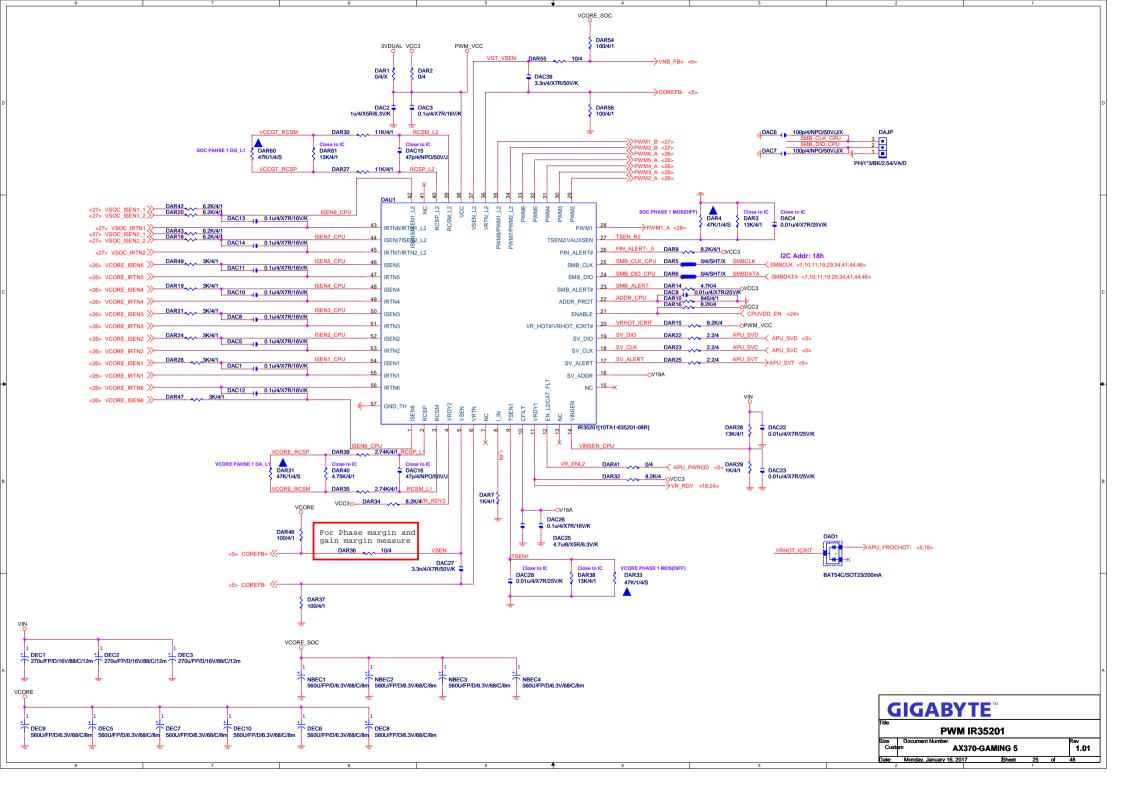


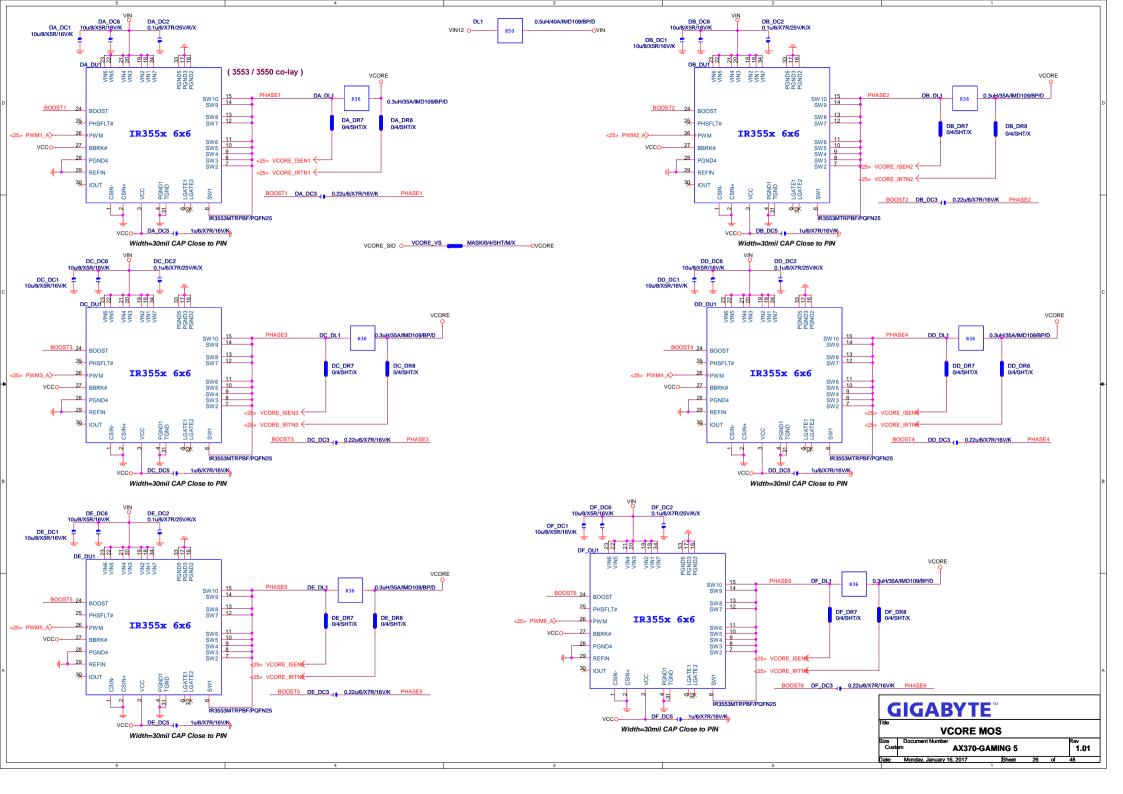


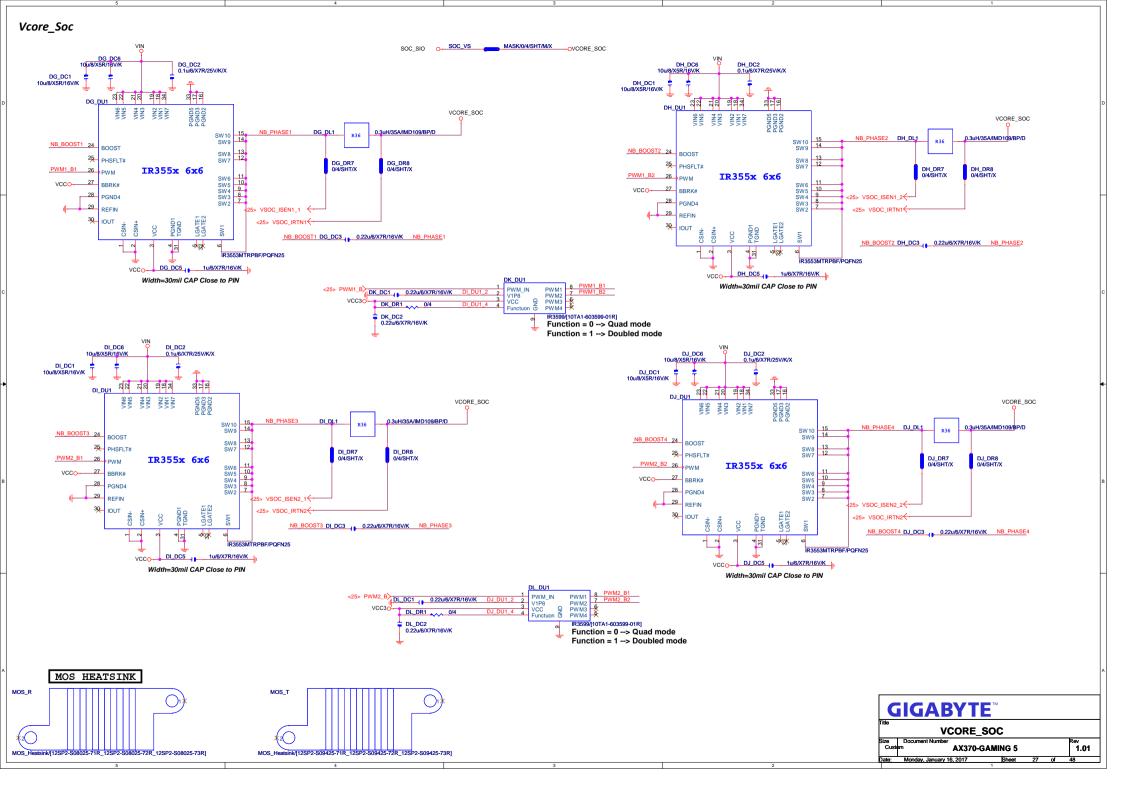


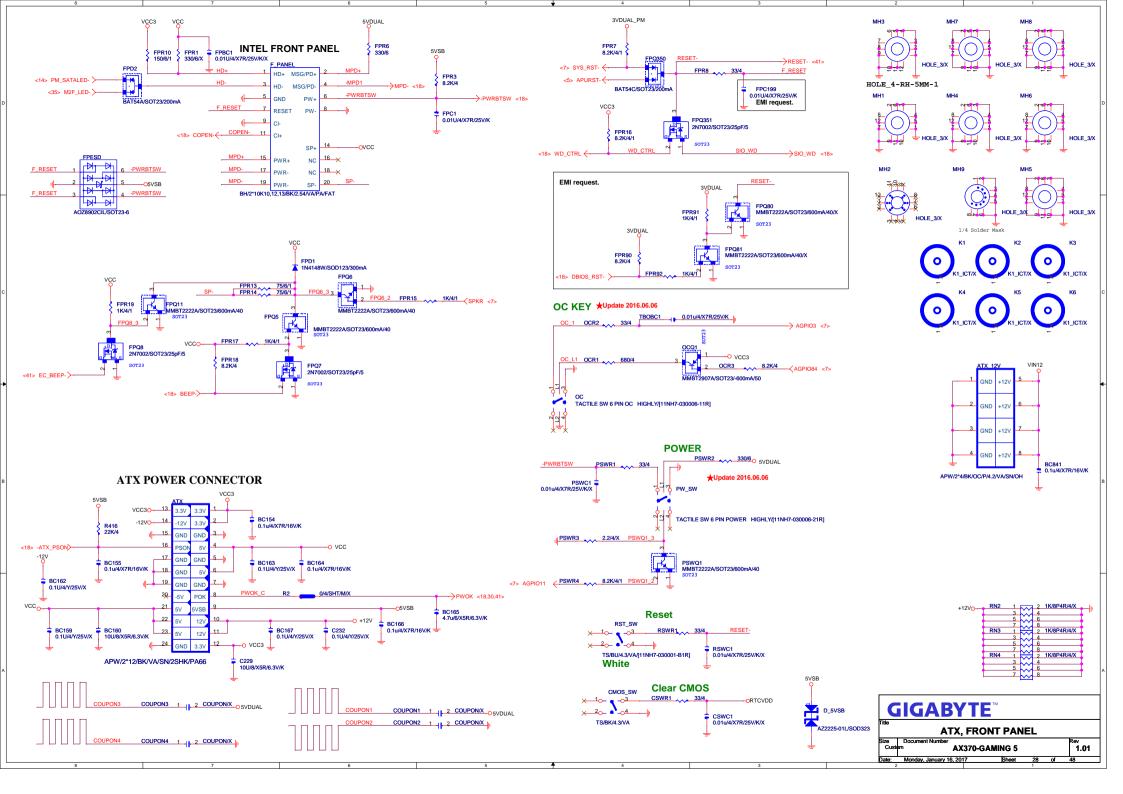


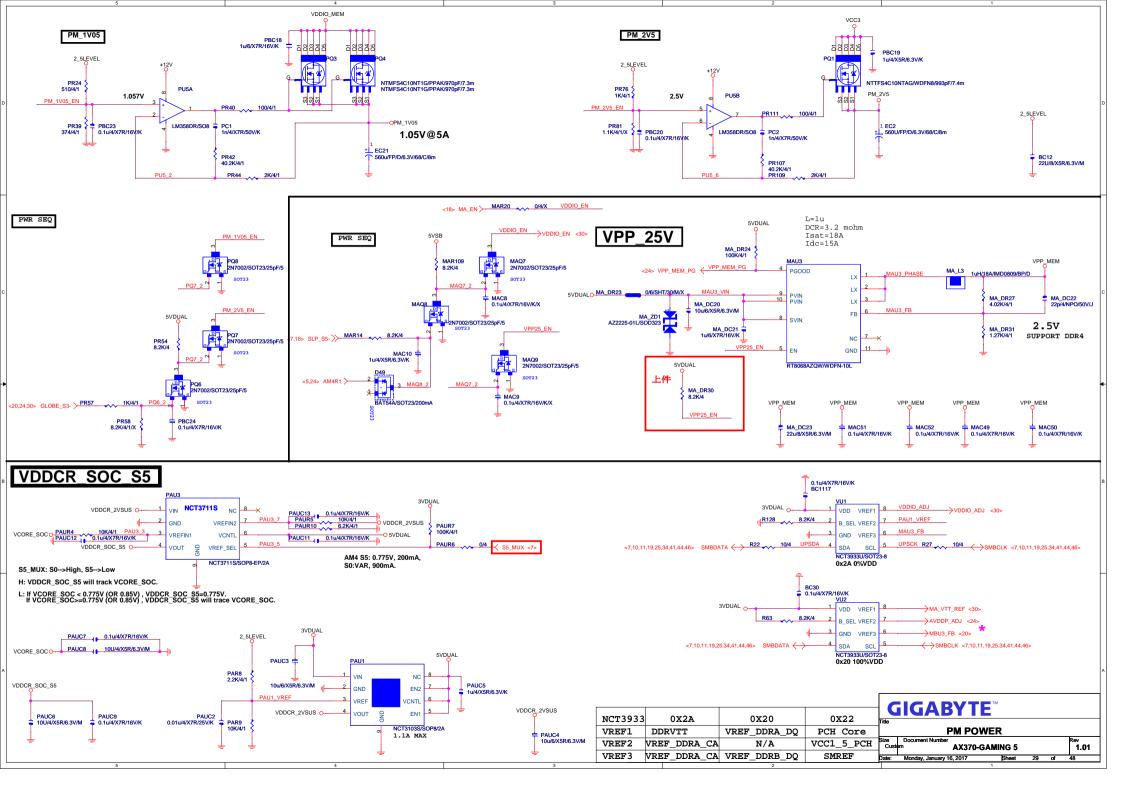


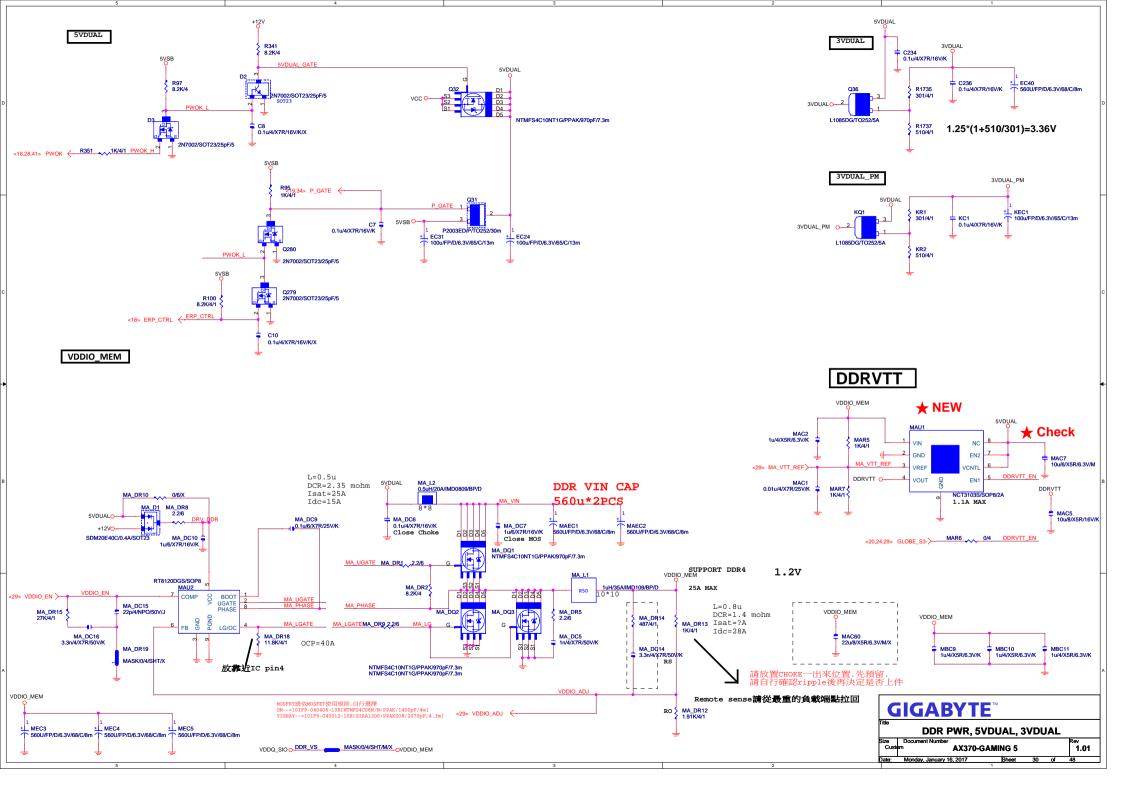


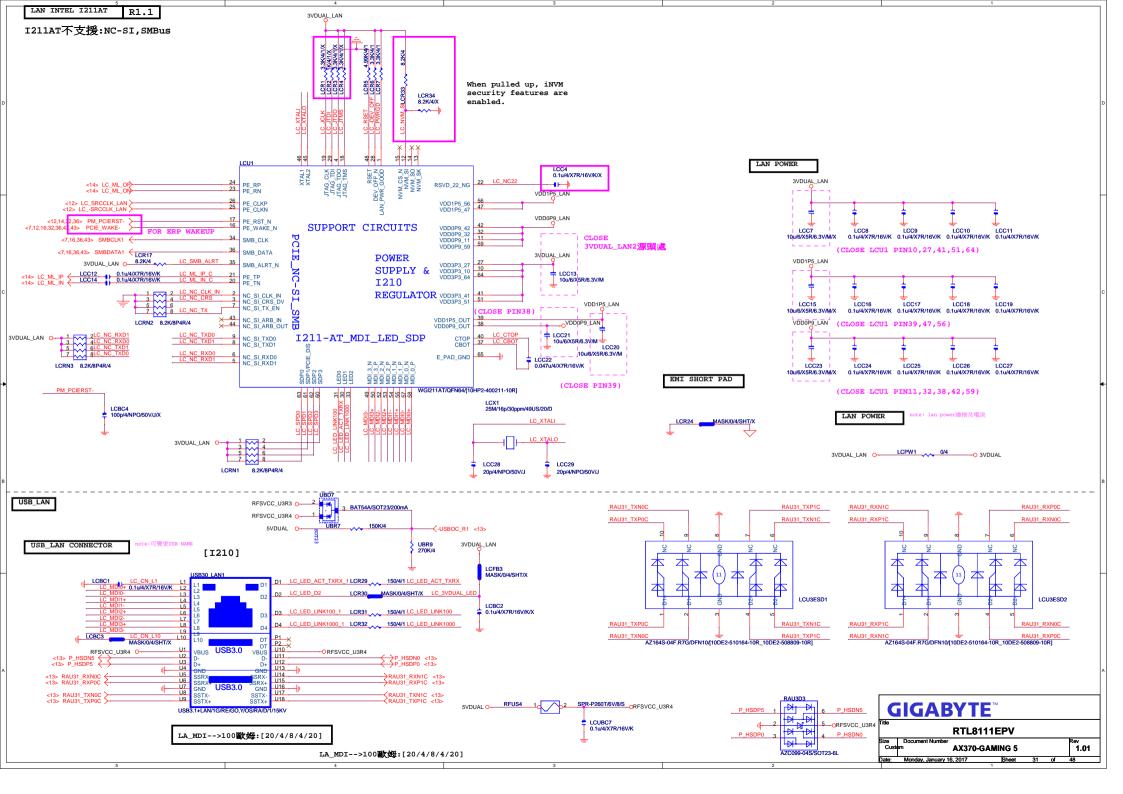


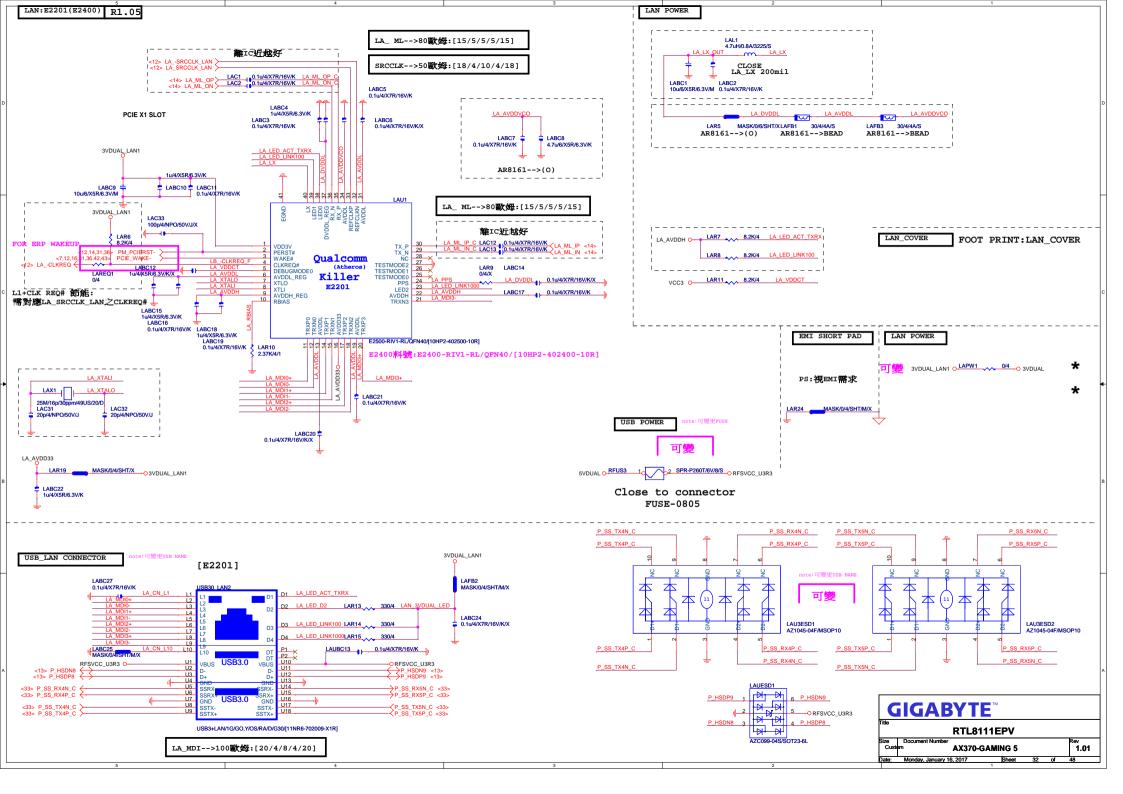


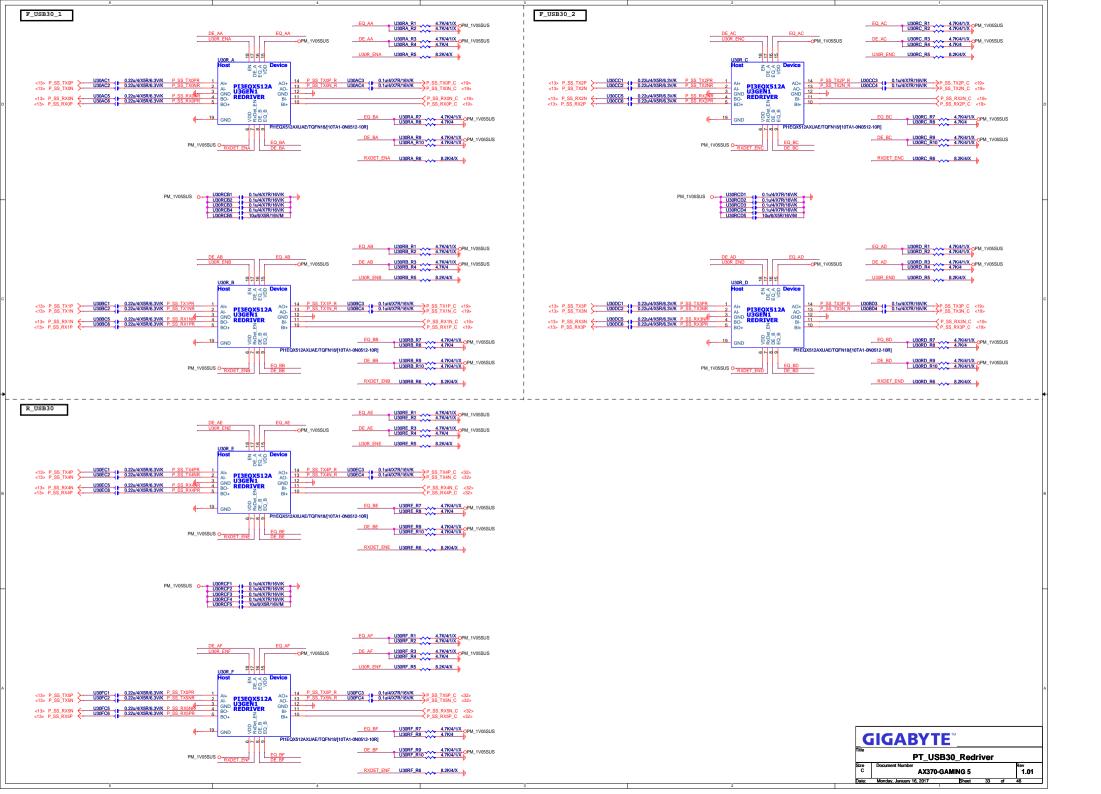


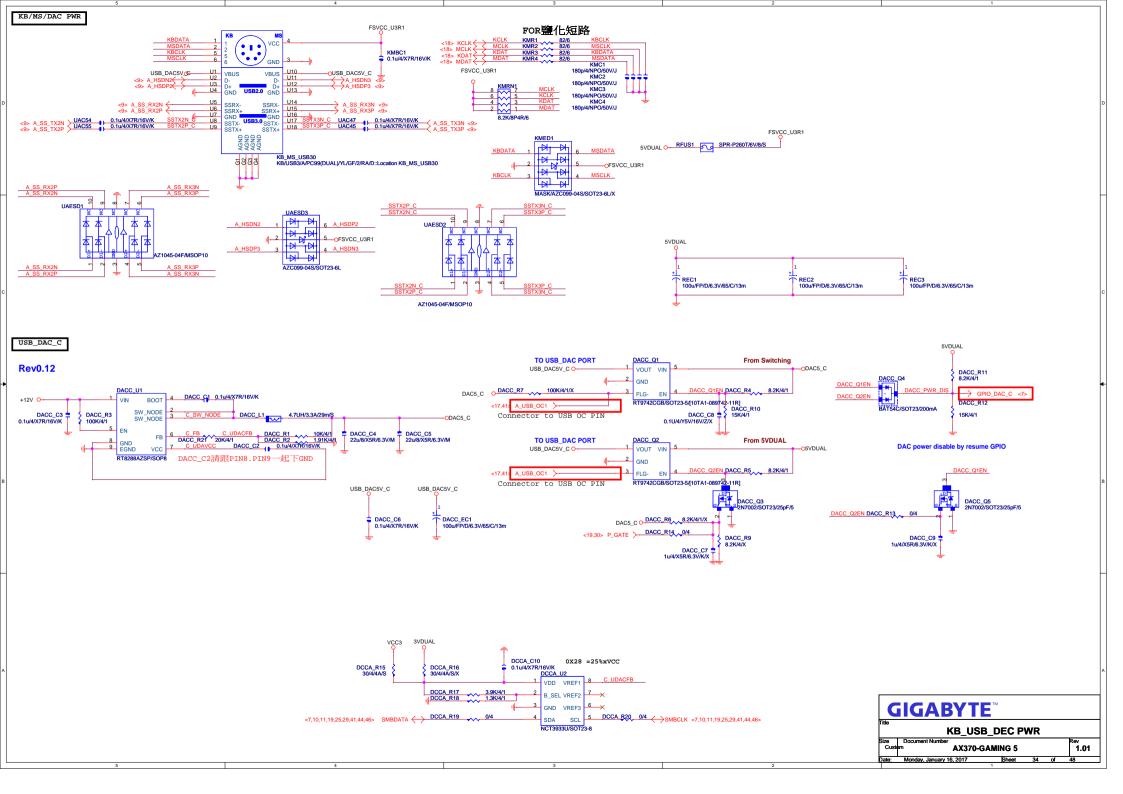


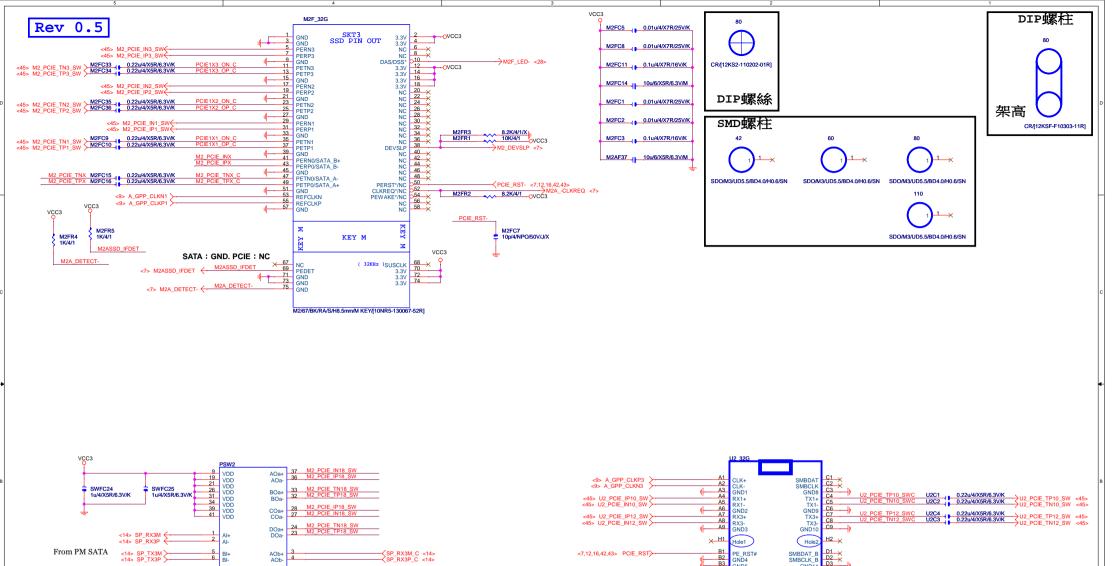


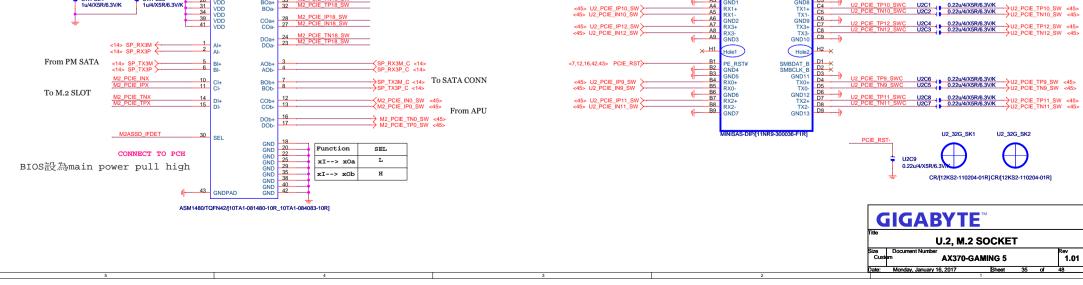


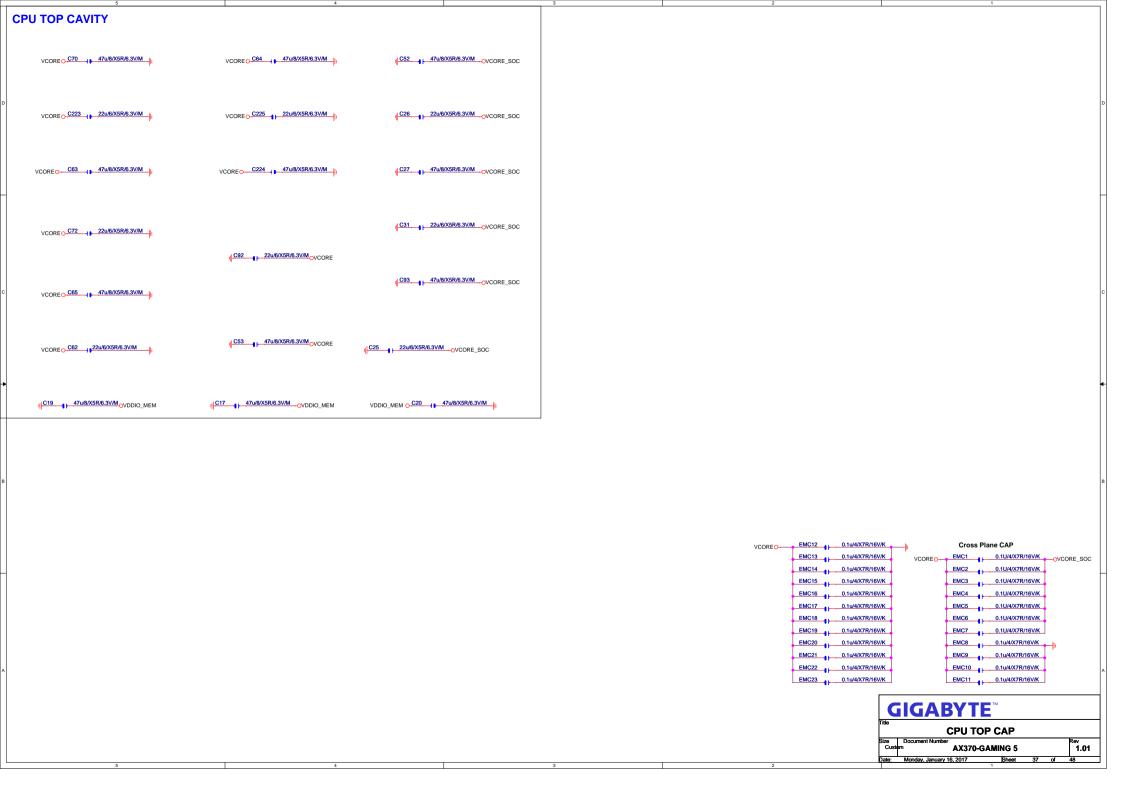


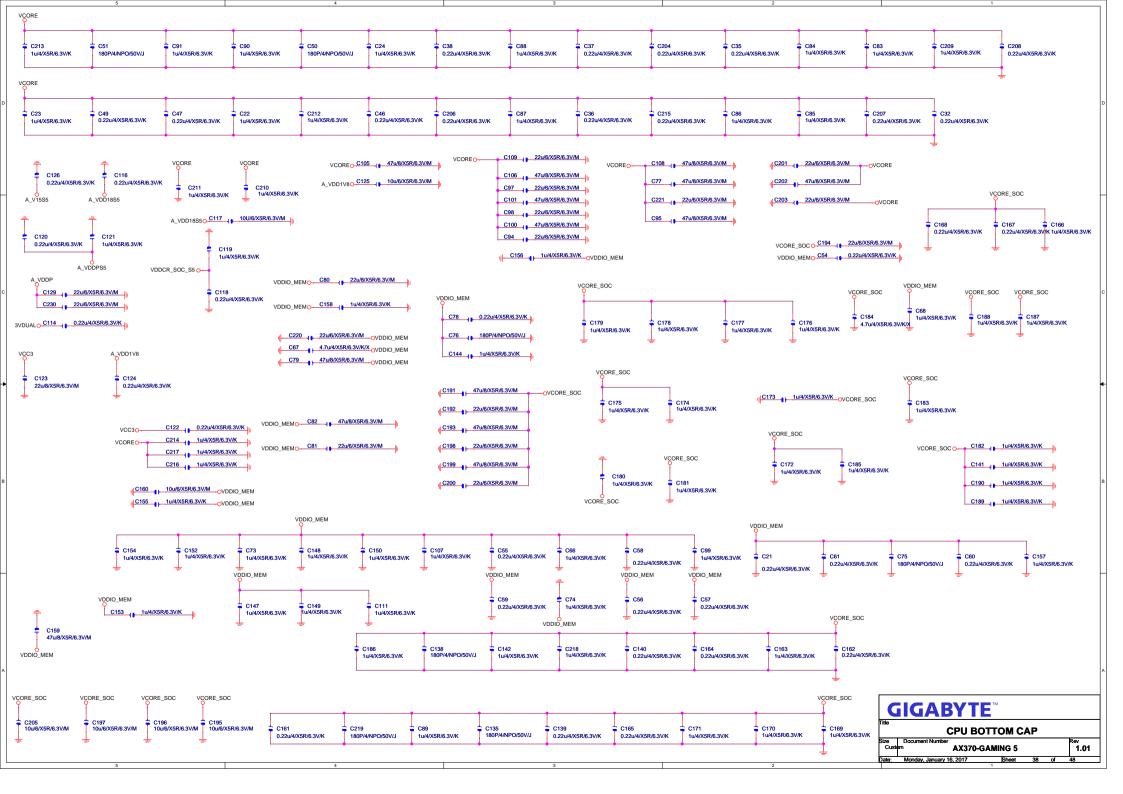


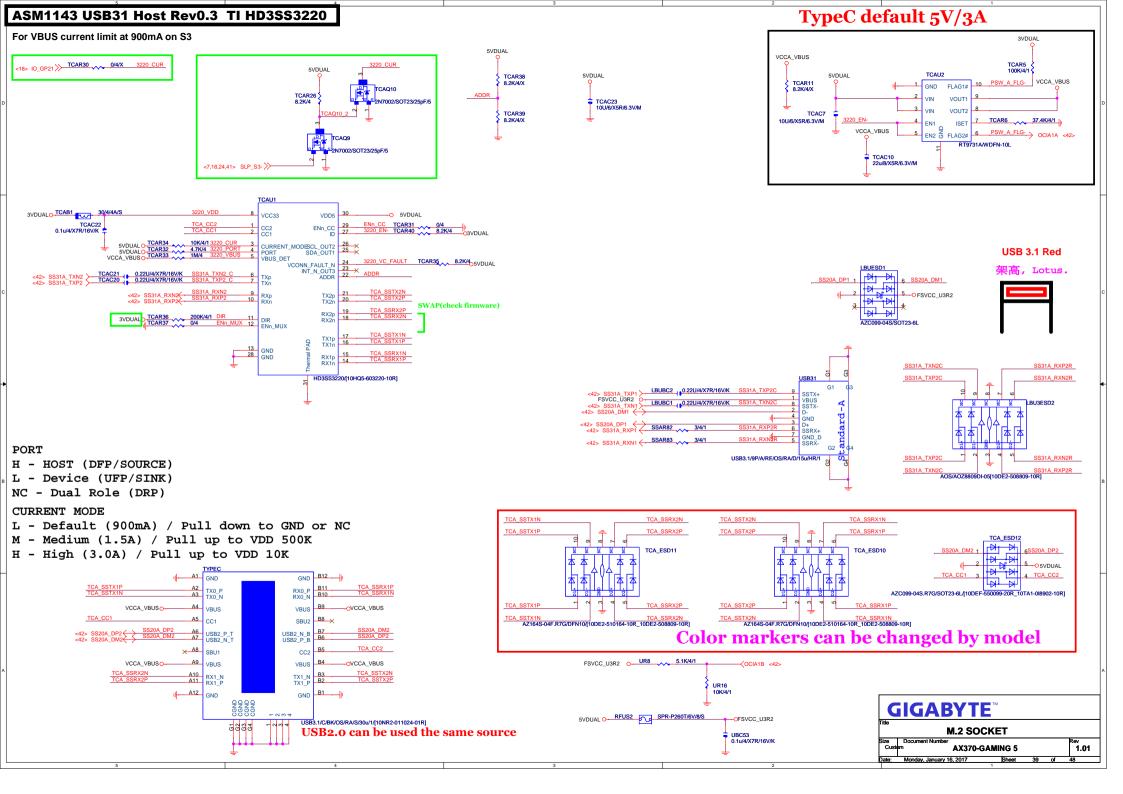


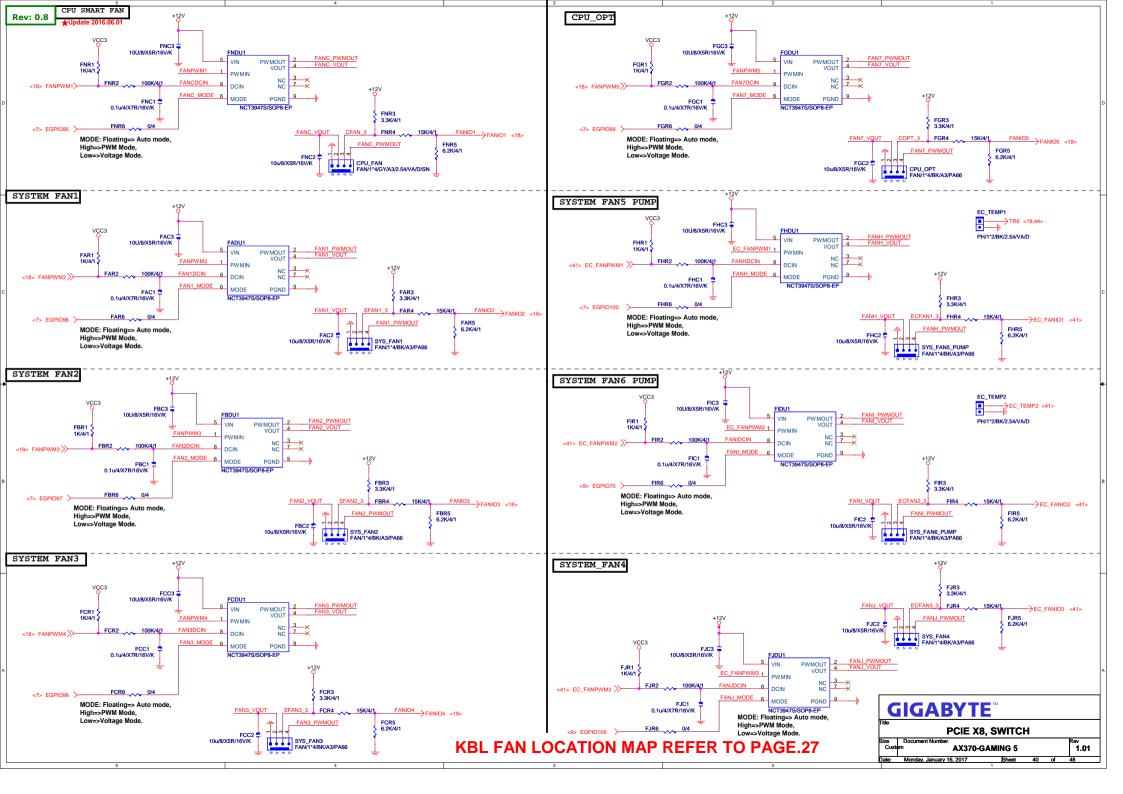


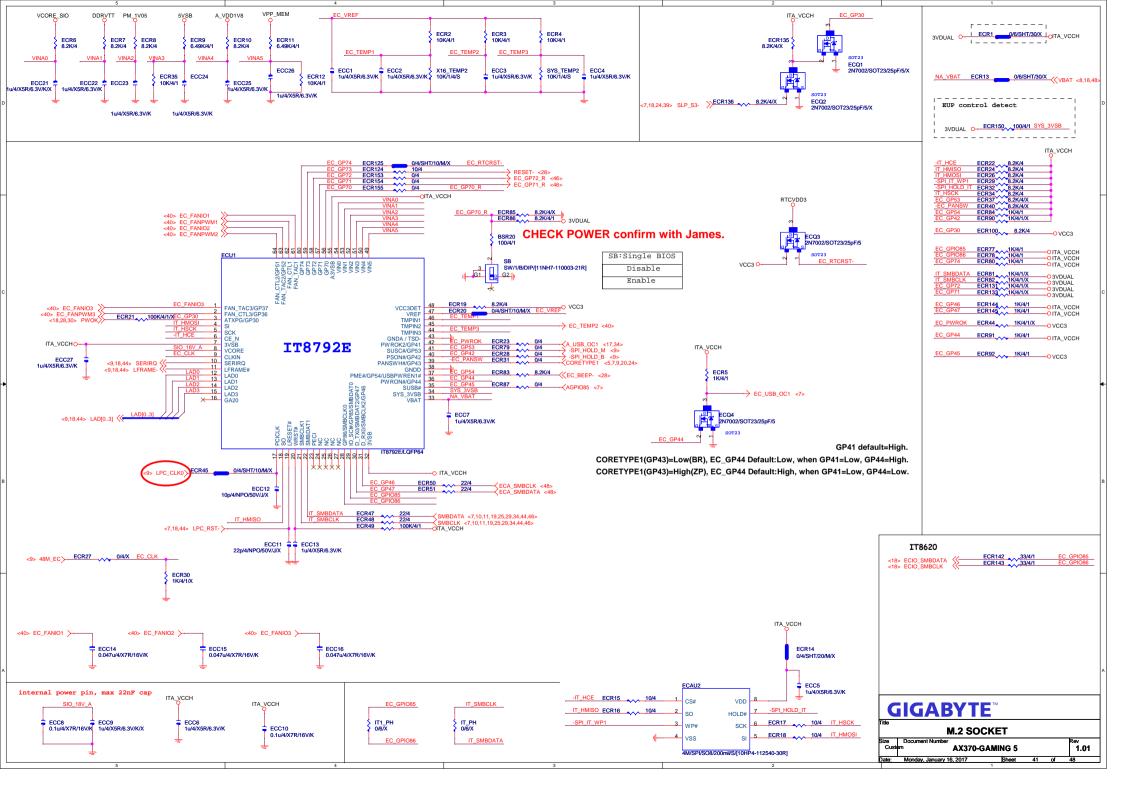


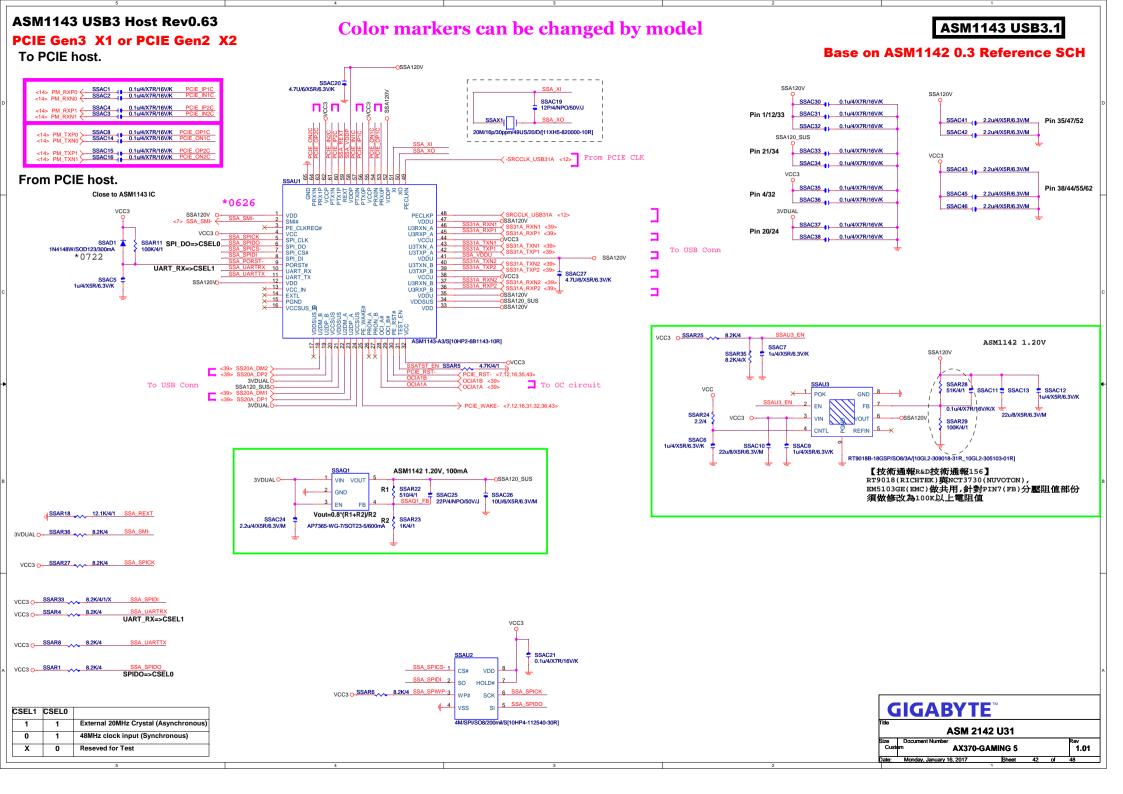


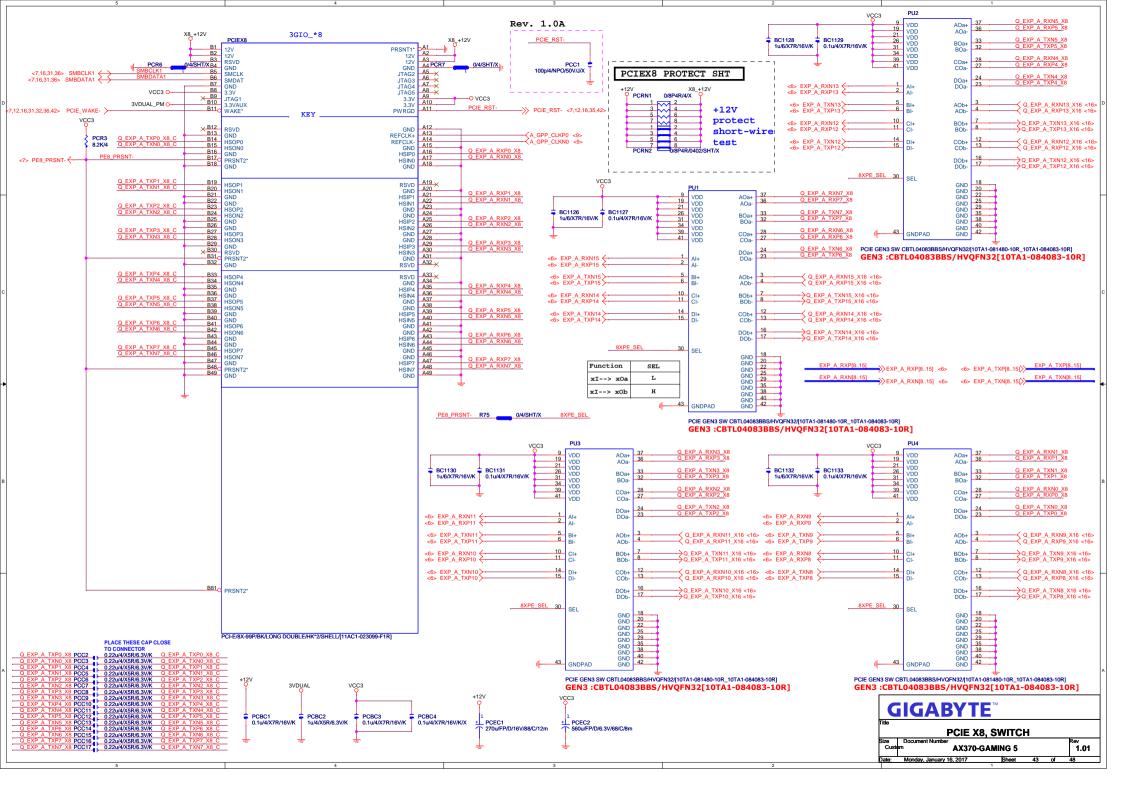


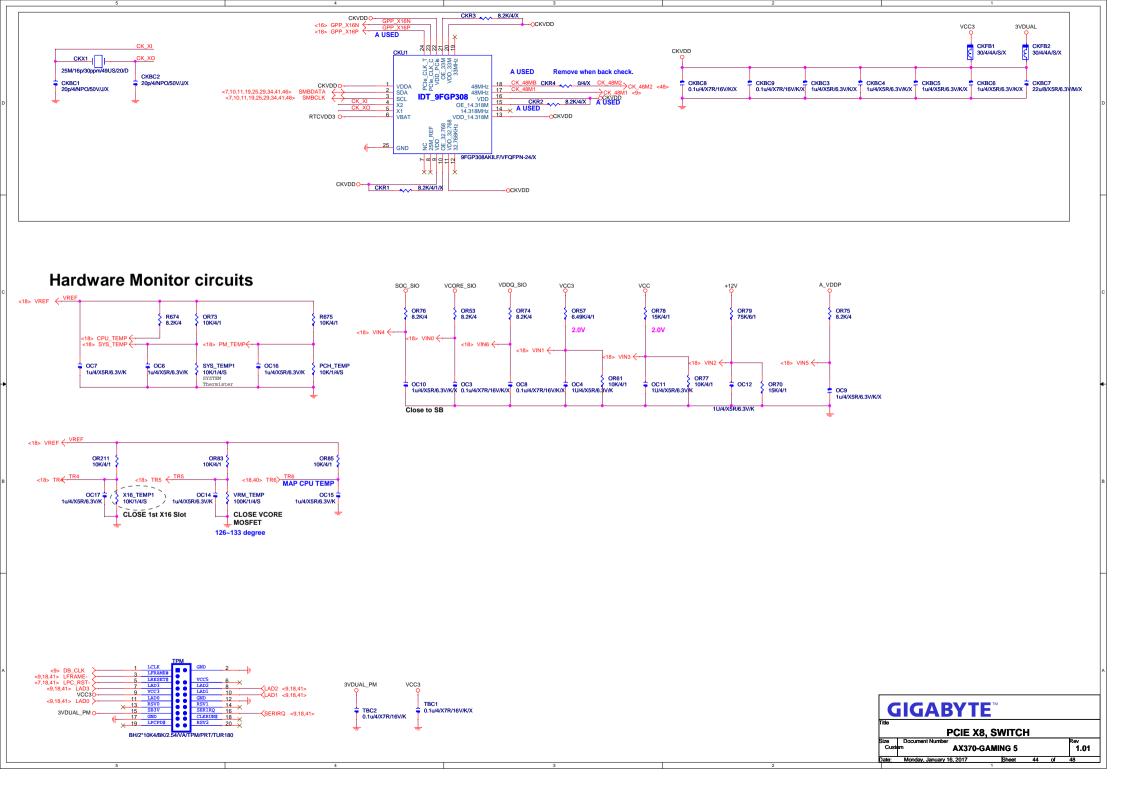


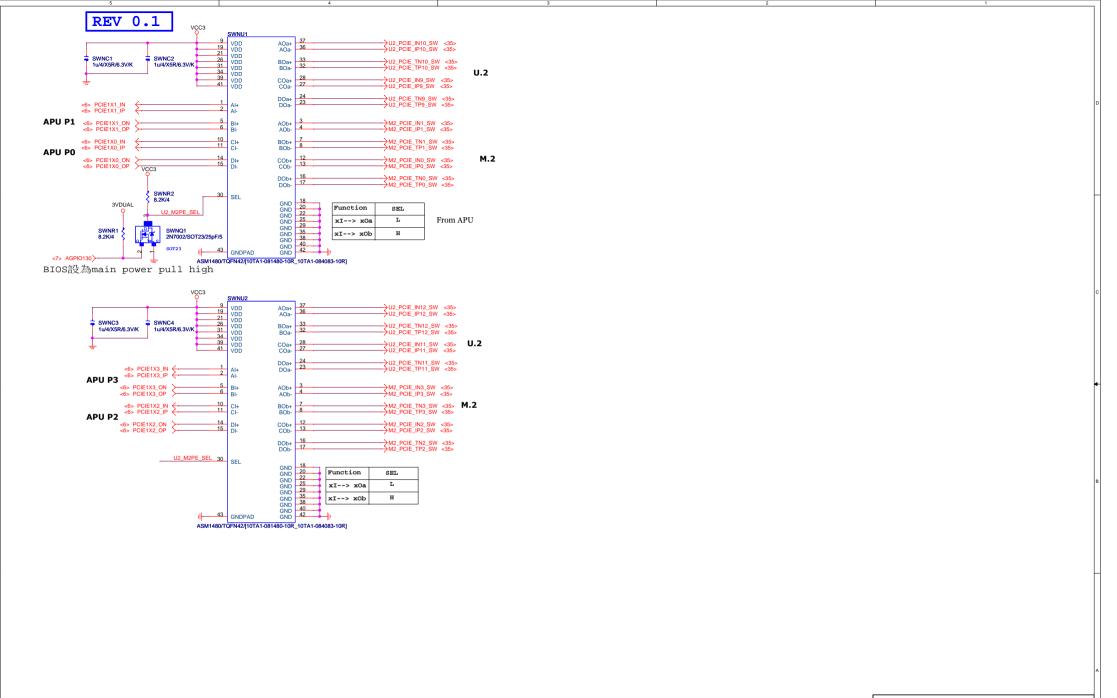












GIGABYTE[™] M.2/U.2 SWITCH AX370-GAMING 5 1.01

