## **GA-AX370-GAMING K7**

01 (	20VED QUEET	
	COVER SHEET	
02 E	BOM & PCB MODIFY HISTORY	
03 E	BLOCK DIAGRAM	
04	CPU DDR4 MEMORY	
05	CPU CONTROL	
06	CPU GFX, GPP, SB, GND	
07	CPU ACPI/GPIO/USB/AUDIO	
08	CPU POWER & GND	
09	CPU CLK/SPI/USB	
10 [	DDR4 CHANNEL A	
11 [	DDR4 CHANNEL B	
12 F	PM CLK/GPIO/FAN	
13 F	PM USB	
14 F	PM UMI/GPP/SATA	
15 F	PM POWER & GND	
16 F	PCI EXPRESS x16	
17 H	HDMI	
18 8	BO PORT, TPM	
19 F	F_USB30 , R_USB30 , F_USB20	
20	A_VDD1V8 / A_VDDPS5 / FAN CON	NECT
21	ALC1150 CODEC	
22	AUDIO JACK	
23	ATX , FRONT PANEL	
24 F	POWER SEQUENCE	
25 F	PWM IR35201	

PAGE	TITLE		
26	VCORE MOS		
27	VCORE_SOC MOS		
28	VPP_MEM , VDDCR_SOC_S5 , PM_1V05 , PM_2V5		
29	5VDUAL, 3VDUAL, 3VDUAL_PM, VDDIO_MEM, DDRVTT		
30	REALTK RTL8111EPV		
31	PCI EXPRESS x8(Share)		
32	TI HD3SS3212&TUSB321_A		
33	PCI EXPRESS x4 / x1_1 / x1_2		
34	DUAL DP PORT		
35	M.2		
36	CPU SMD CAP TOP		
37	CPU SMD CAP BOTTOM		

2015.12.30--B.L



## Model Name: GA-AX370-GAMING K7

## Component value change history

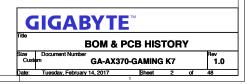
Version: 1.0

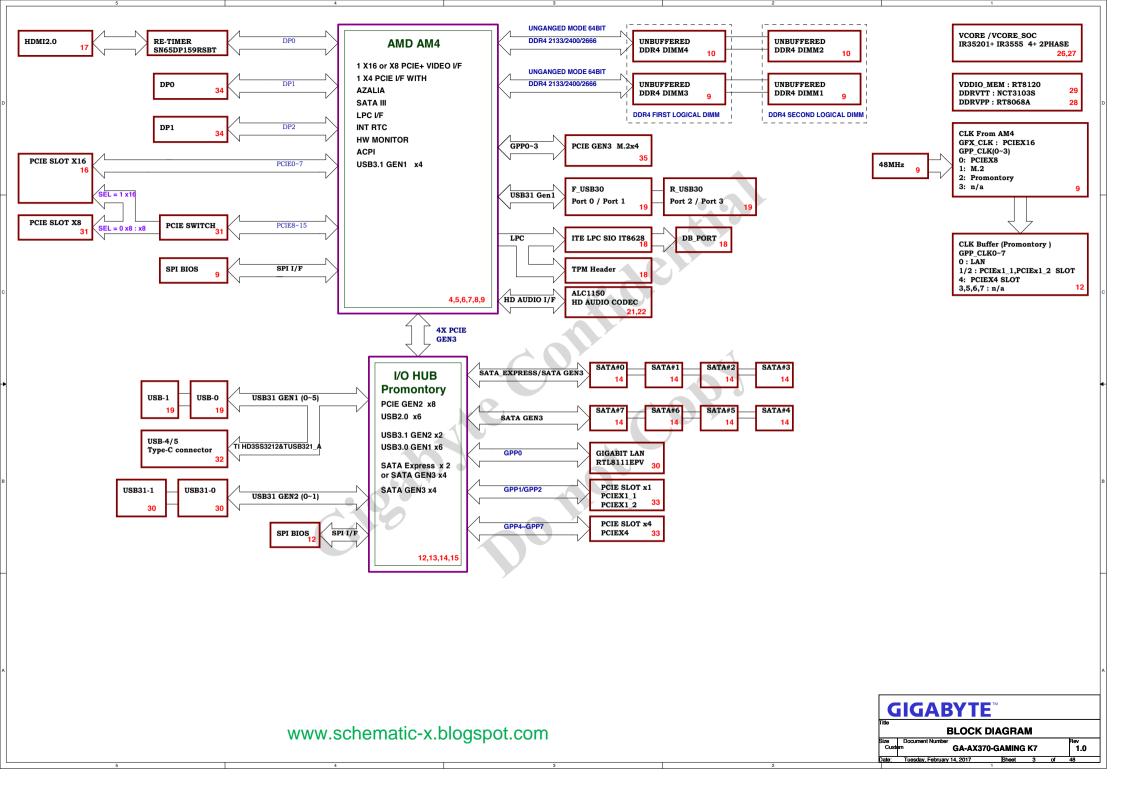
P-Code: U98126-0

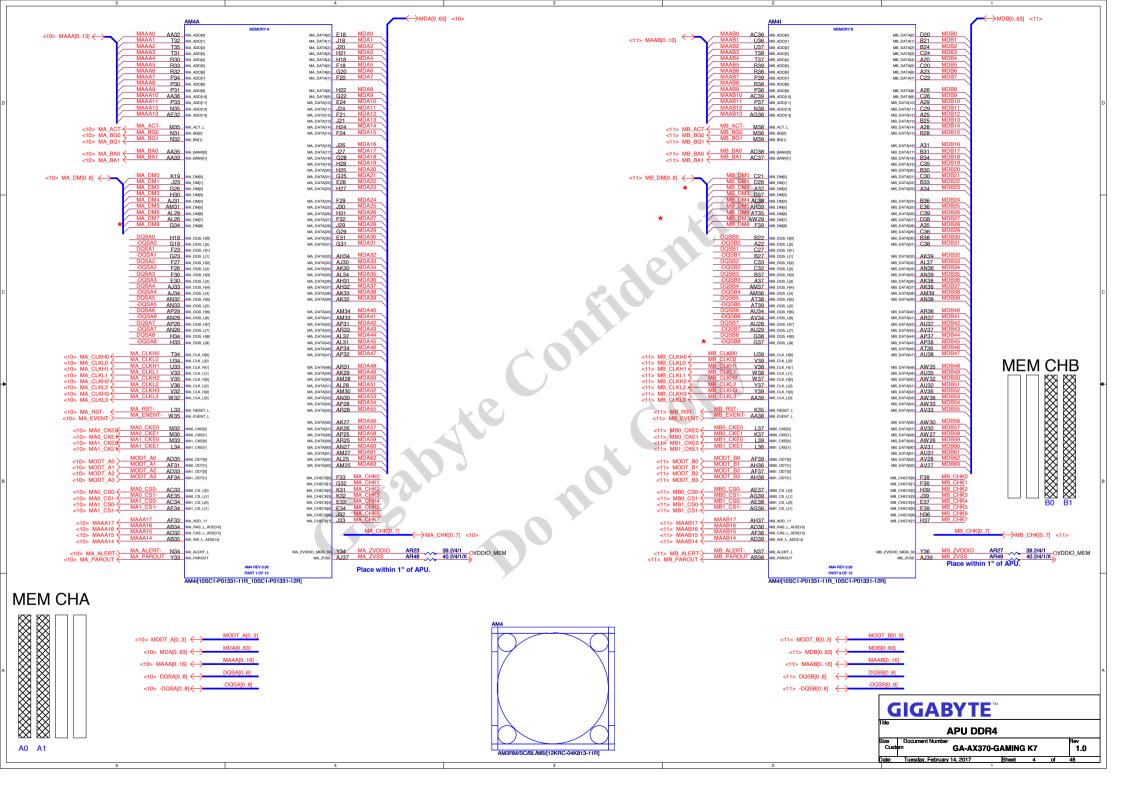
Date	Change Item		Reason
2016.08.08	01 New BOM Release.	PCB: 0.1	1. OR169 NA
2017.02.06	1.0A P-BOM Release.	PCB: 10	1. Modify AX370-GAMING 5 10T4 9FGL1214AKLFT 2. LED_REAR_上件 3.R_MOS:12SP2-508025-F1R T_MOS:12SP2-5080425-R1R PT_MOS:12SP2-509612-21R22R/23R AUDIO_COVER:12KRC-0A0001-41R REAR_HS:12KRC-0H0007-51R 4. IR VIN cap 上件 (all 0.1u)
2017.02.07	1.0B F-BOM Release.	PCB: 10	1. KNOLL NA 2. DAJP NA 3. SLOT CHANGE TO 酸黑鍊金屬slot
2017.02.14	1.0C F-BOM Release.	PCB: 10	1. Update new value for DAC power (pull to 3VDual) DCCA_R15 / DACA_R15 NA DCCA_R16 / DACA_R16 上件
			.1

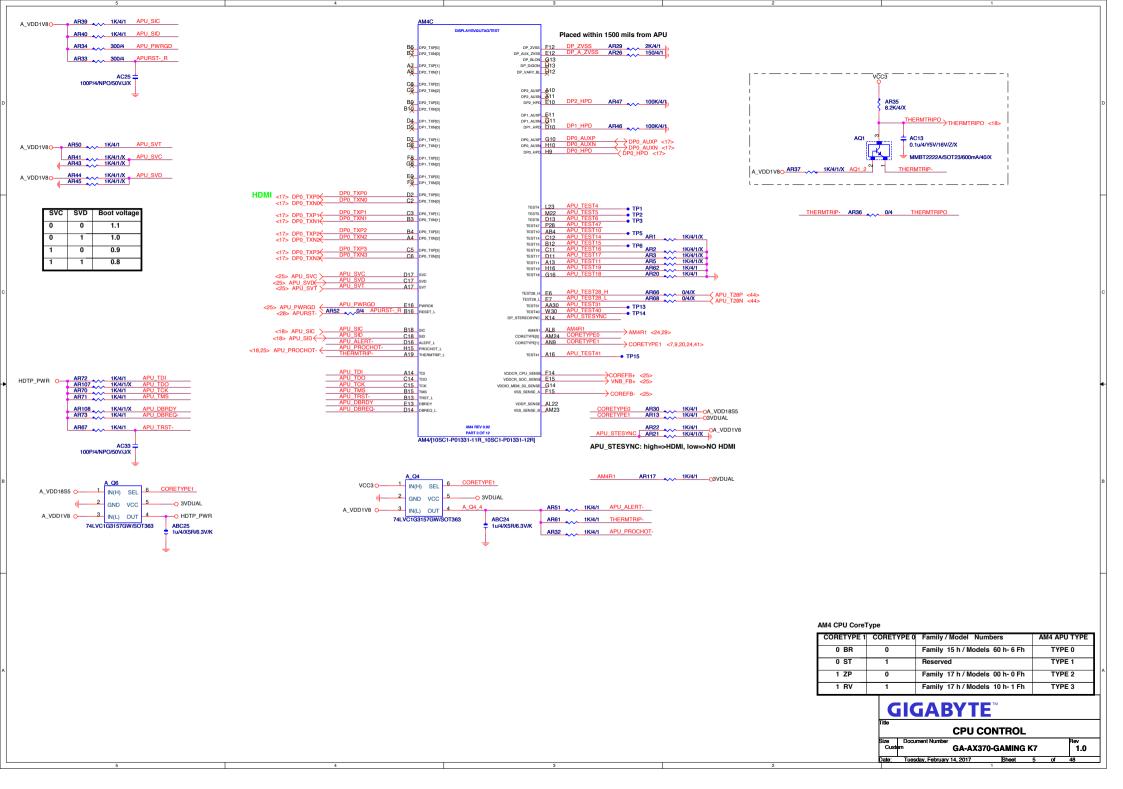
## Circuit or PCB layout change for next version

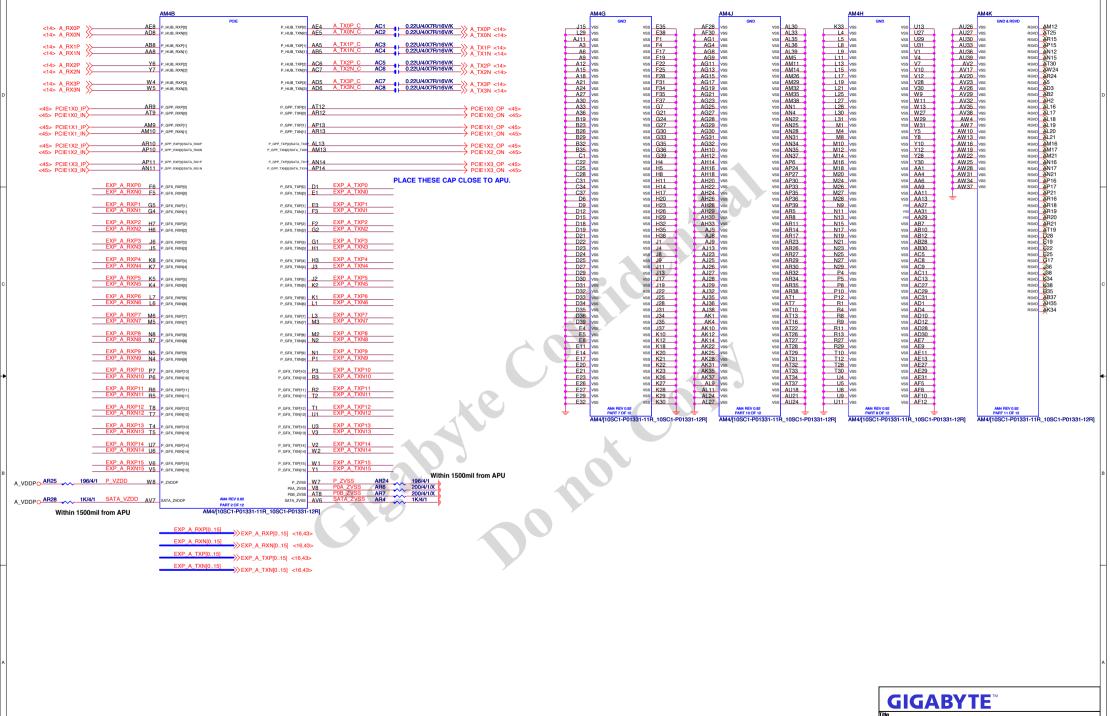
Date	Change Item	Reason
	16	
	7.	
10		4
	7	
4		
7		
/		











AM4 PCIE LINK, GND **GA-AX370-GAMING K7** 1.0

