HISTORY:

1V1:

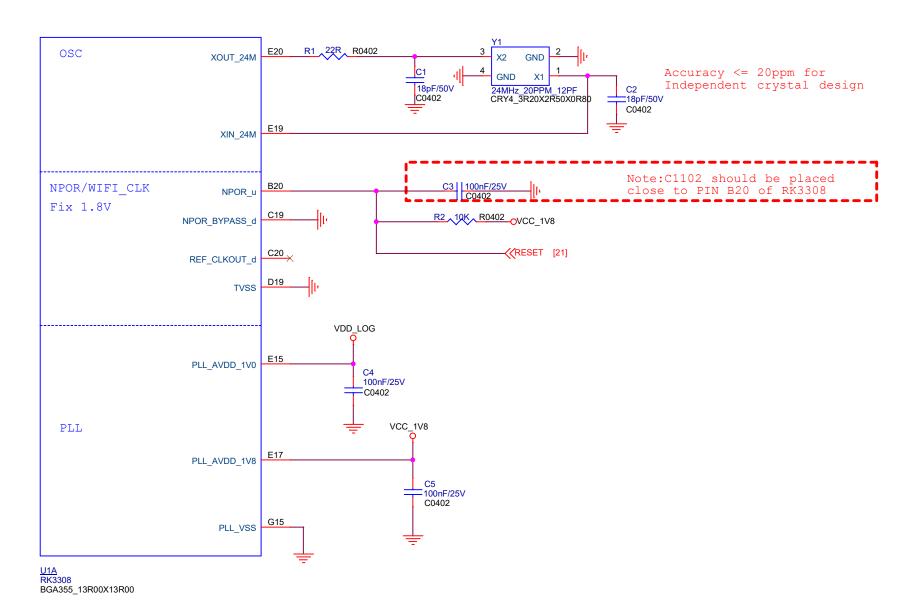
- 1.USB Power: U14=DCDC changeto PWR_SW; ED1/ED2/ED3/ED4/ED5/ED12 change direction;
- 2.DDR:R28=100K change to 120K for DDR3L;
- 3.EMMC: VCCIO FLASH not connect, add R124=0R;
- 4.NET: R91=4.7K change to NC, R90=NC change to 4.7K;
- 5. Audio: MIC1-4 change to MIC5-8;
- 6.System: Add C152/C153/C154/C155/C156; change TF card and touch swith&typec;
- 0605: 1.Audio: add C157-C164(MIC1-MIC4), change J4&J11 singals position, del adc0;

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YD_RK3308						
http://www.banana-pi.org	Size A4	Page Name Histroy				Rev V1.1
nup.//www.banana-pi.org	Date:	Tuesday, June 06, 2023	Sheet	1	of	22

3

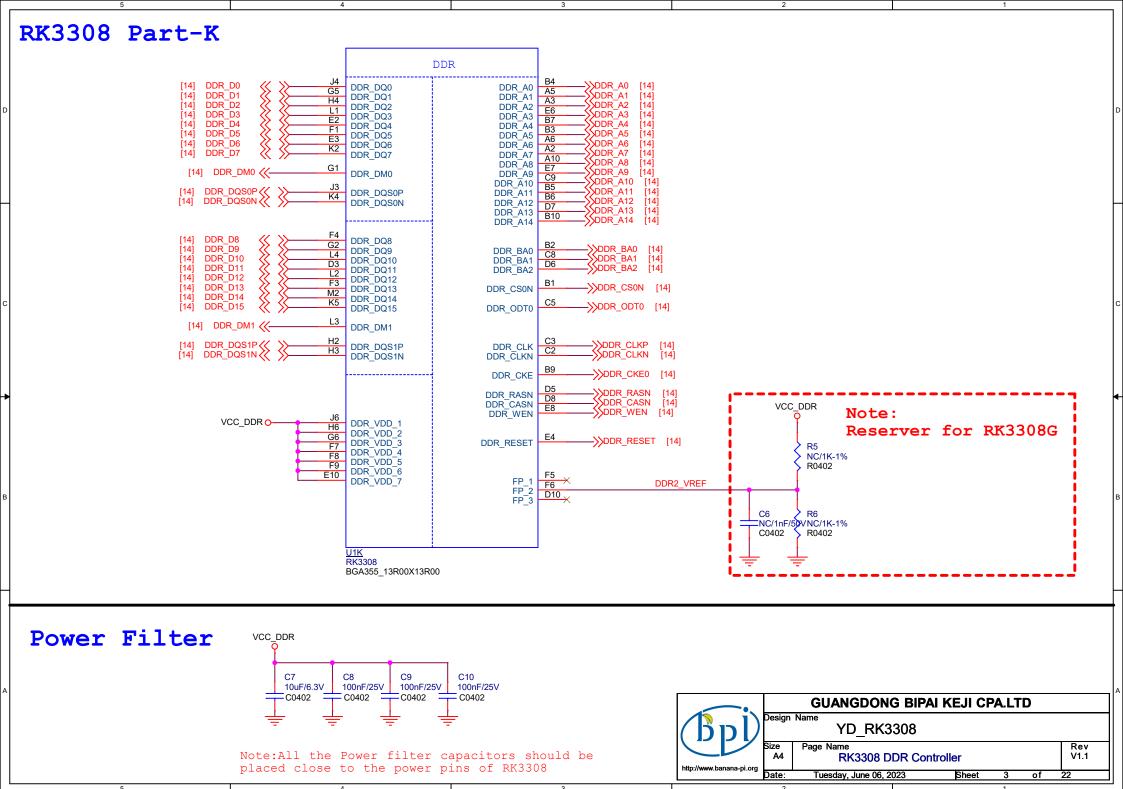
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1

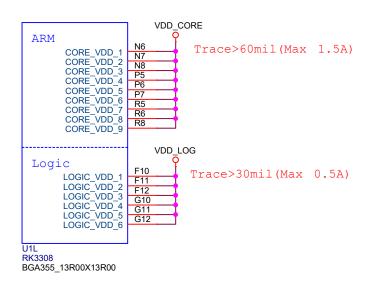


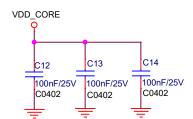
GUANGDONG BIPAI KEJI CPA.LTD Design Name **YD RK3308** Rev V1.1 Size A4 Page Name RK3308 OSC/PLL Tuesday, June 06, 2023 Date: of 22

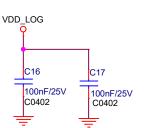
Sheet



RK3308 Part-L

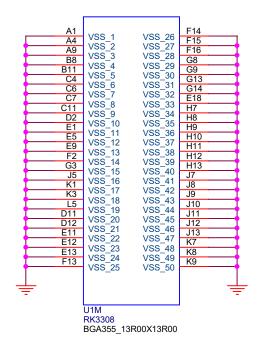


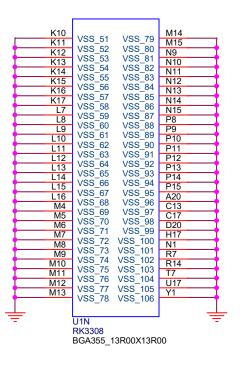




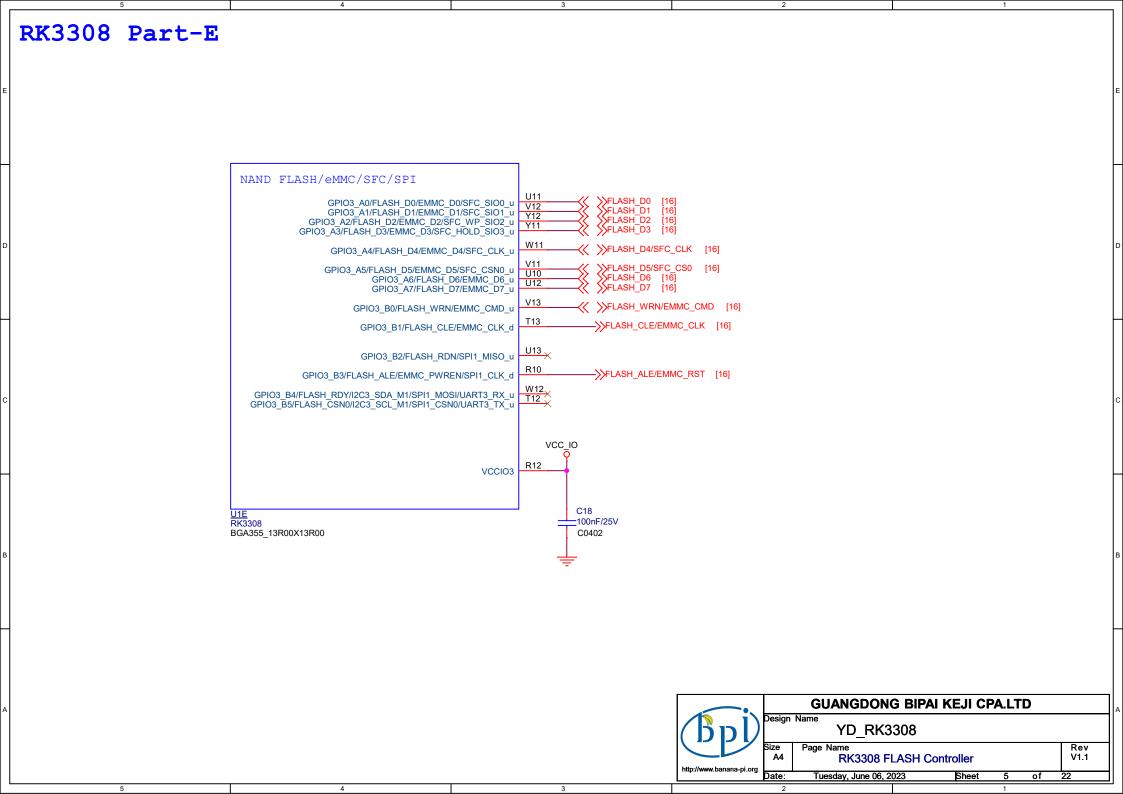
Note: All the Power filter capacitors should be placed close to the power pins of RK3308

RK3308 Part-N RK3308 Part-M

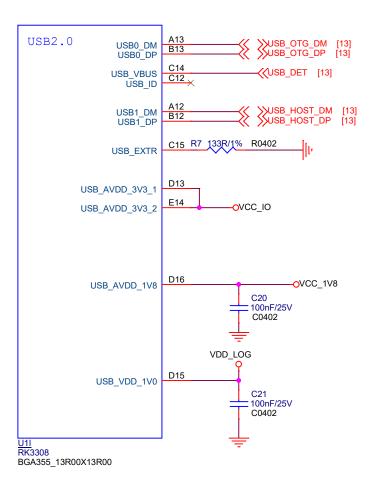








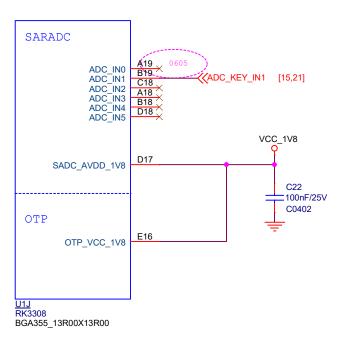
RK3308 Part-I

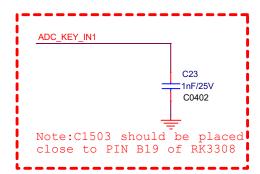




5 4 3

RK3308 Part-J





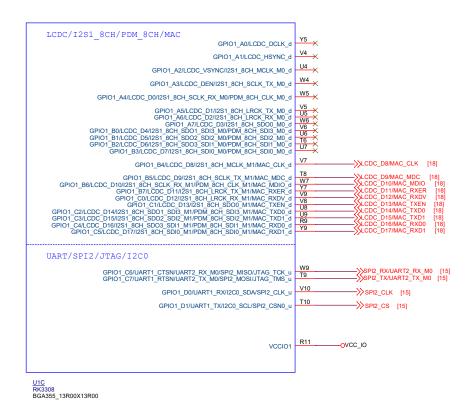
HW ID

ADC_HW_ID	Pull-up Resistance	Pull-down Resistance	ADC Value
вом0	51K	DNP	1024
BOM1	51K	51K	512
вом2	51K	22K	308



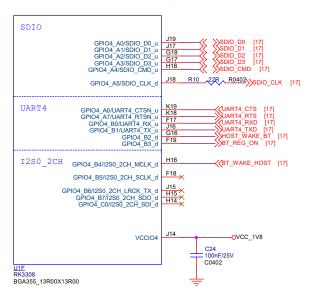
3 2

RK3308 Part-C

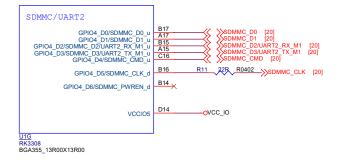


Correspondence between LCDC DATA and RGB/MCU							
LCDC	18bit RGB Panel	24bit RGB Panel	16bit MCU Panel	8bit MCU Panel			
LCDC_D0	В0	B2	DB0	DB0			
LCDC_D1	B1	В3	DB1	DB1			
LCDC_D2	B2	В4	DB2	DB2			
LCDC_D3	В3	B5	DB3	DB3			
LCDC_D4	В4	В6	DB4	DB4			
LCDC_D5	В5	В7	DB5	DB5			
LCDC_D6	G0	G2	DB6	DB6			
LCDC_D7	G1	G3	DB7	DB7			
LCDC_D8	G2	G4	DB8				
LCDC_D9	G3	G5	DB9				
LCDC_D10	G4	G6	DB10				
LCDC_D11	G5	G7	DB11				
LCDC_D12	R0	R2	DB12				
LCDC_D13	R1	R3	DB13				
LCDC_D14	R2	R4	DB14				
LCDC_D15	R3	R5	DB15				
LCDC_D16	R4	R6					
LCDC_D17	R5	R7					
TCDC_CTK	LCDC_CLK	TCDC_CTK	MCU_CMD (Command)	MCU_CMD (Command)			
LCDC_HSYNC	LCDC_HSYNC	LCDC_HSYNC	MCU_WR (write signal)	MCU_WR (write signal)			
LCDC_VSYNC	LCDC_VSYNC	LCDC_VSYNC	MCU_CS (Chip select)	MCU_CS (Chip select)			
LCDC_DEN	LCDC_DEN	LCDC_DEN	MCU_RD (Read signal)	MCU_RD (Read signal)			

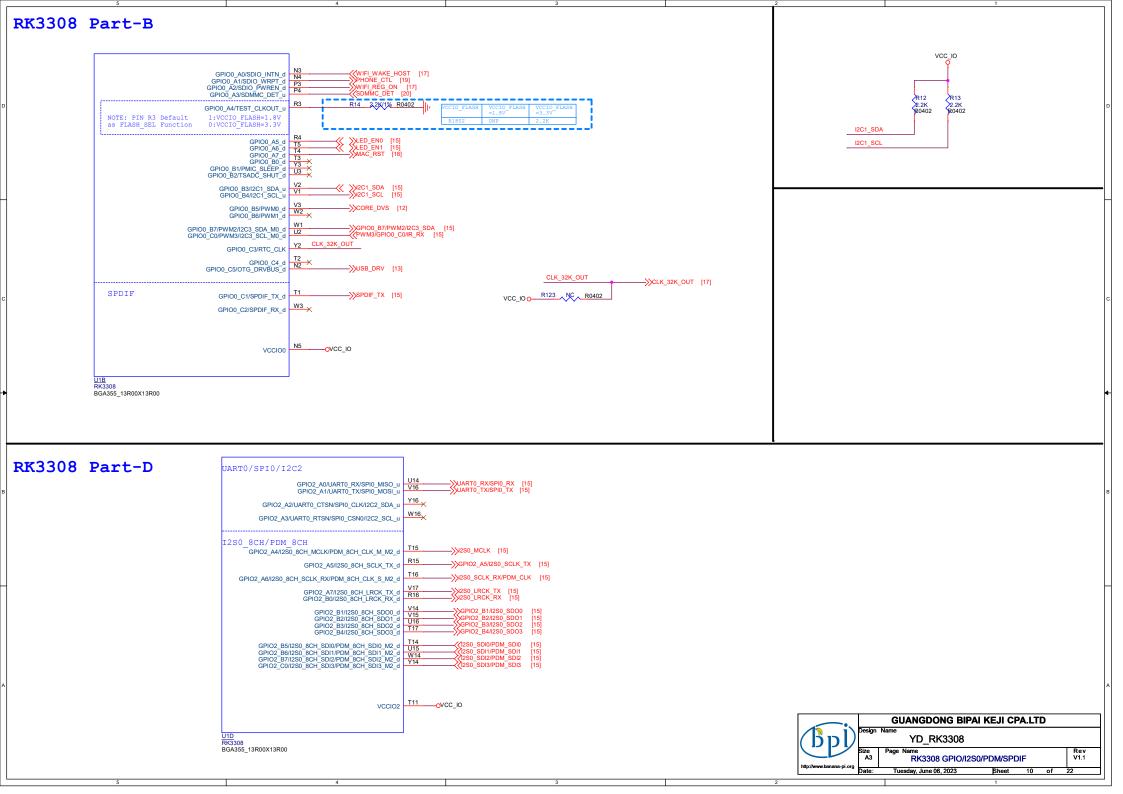




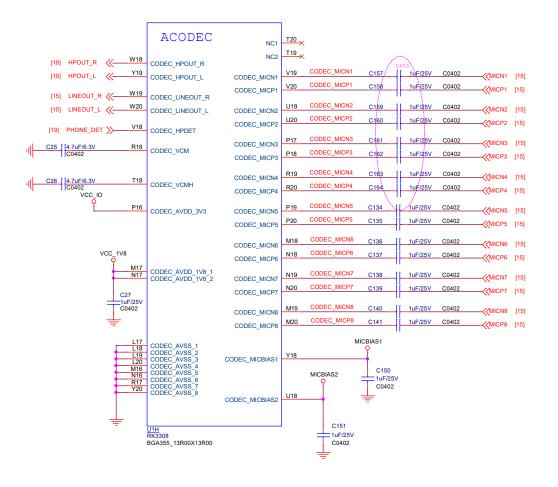
RK3308 Part-G



•		GUANGDONG BIPAI KEJI CPA.LTD					
(Bpl)	YD_RK3308						
	Size A3	Page Name RK3308 SDIO/SDM	MC			Rev V1.1	
http://www.banana-pi.org	Date:	Tuesday, June 13, 2023	Sheet	9	of	22	

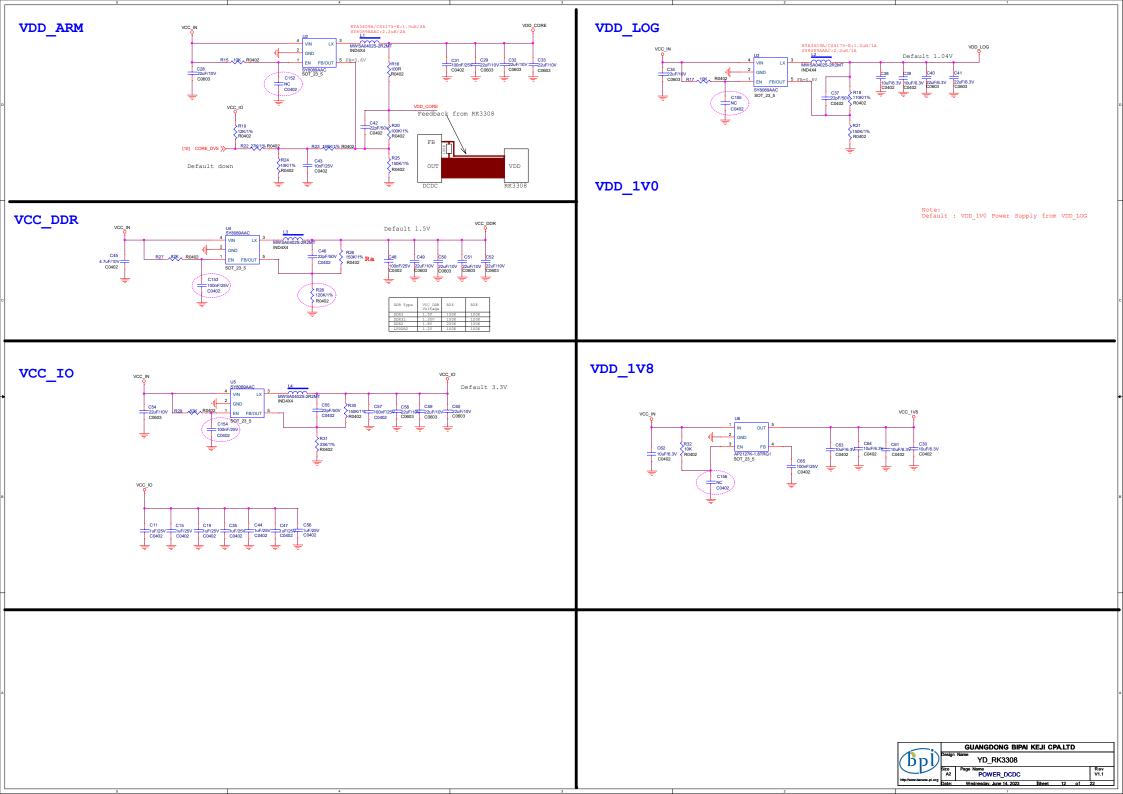






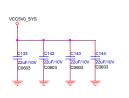
Application scene	MIC IN Channel	Loopback Channel
6MIC IN+ 2Speaker OUT	MIC3~MIC8	
6MIC IN+ 1Speaker OUT	MIC3~MIC8	
5MIC IN+ 2Speaker OUT	MIC4~MIC8	
5MIC IN+ 1Speaker OUT	MIC4~MIC8	MIC1~MIC2
4MIC IN+ 2Speaker OUT	MIC5~MIC8	
4MIC IN+ 1Speaker OUT	MIC5~MIC8	
3MIC IN+ 1Speaker OUT	MIC6~MIC8	
2MIC IN+ 1Speaker OUT	MIC7~MIC8	

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(Bpl)	Design	YD_RK3308				
http://www.banana-pi.org	Size A3	Page Name RK3308 ACODEC				Rev V1.1
	Date:	Wednesday, June 14, 2023	Sheet	11	of	22









USB HOST

