Reference Schematic For RK3308

RK3308 AI-VA MIC REF

20180703

Fuzhou Rockchip Electronics

Project: RK3308_ Al-VA_MIC_REF

File: 00.Cover Page

Date: Tuesday, July 03, 2018 Rev: V1.1

Designed by: Louis.Weng Sheet 1 of 10

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Content Index Page01 00.Cover Page Page02 01.Index Page03 02.Revision History Page04 03.Block Diagram Page05 04.Connector-Analog Page06 06.Connector-Digital-PDM Page07 08.MIC Array-Analog Page08 11.MIC Array-Digital-PDM Page09 13.Surrounding LEDs Page10 14.Key

Note

NOTE 1:

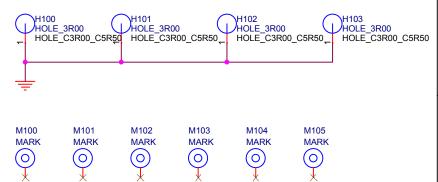
Component parameter description

- 1. DNP stands for component not mounted temporarily
- 2. If Value or option is DNP, which means the area is reserved without being mounted
- 3. If Flash is compatible, please notice when eMMC is used, the option is that @eMMC is mounted, @Nand is not mounted when Nand is used, the option is that @Nand is mounted, @eMMC is not mounted

NOTE 2:

Please use our recommended components to avoid too many changes.For more informations about the second source,please refer to our AVL.





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Project:	RK3308_ AI-VA_MIC_REF			
File:	01.Index			
Date:	Wednesday, June 13, 2018	Rev:	V1.1	
Designed by:	Louis.Weng	Sheet:	2 of 10	

Bill of Materials

Header:

Item\tPart\tDescription\tPCB Footprint\tReference\tQuantity\tOption

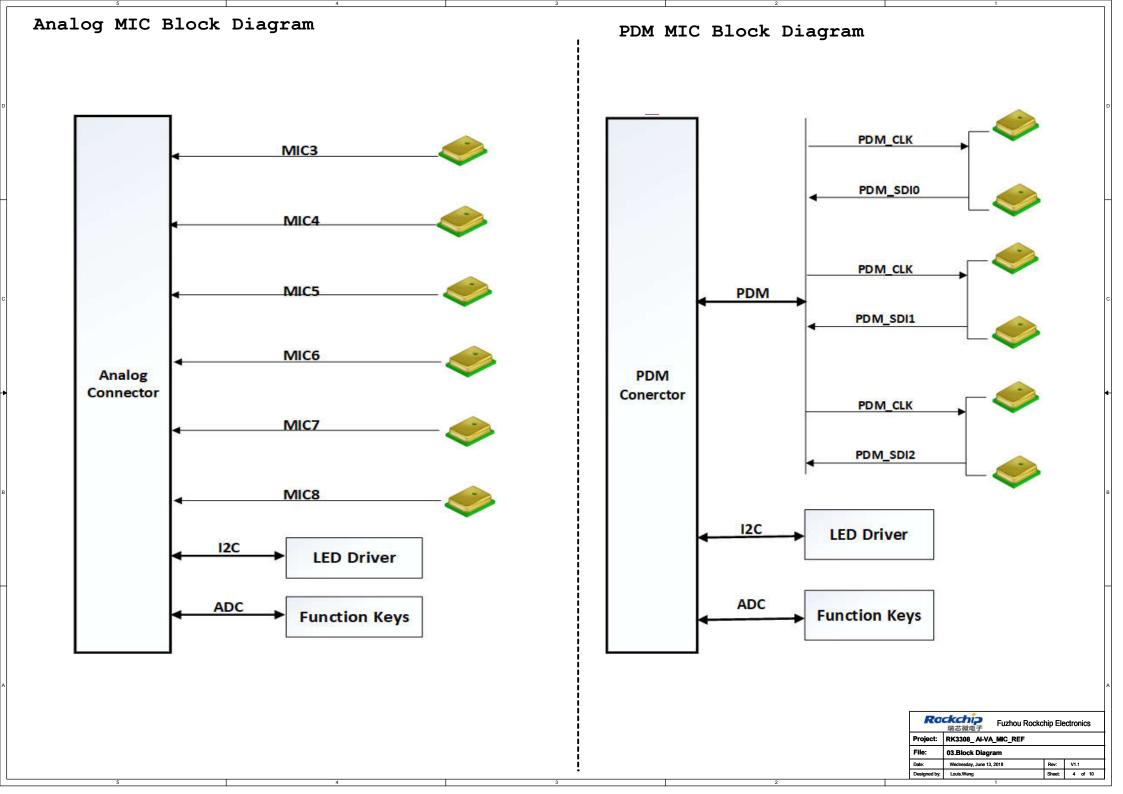
Combined property string:

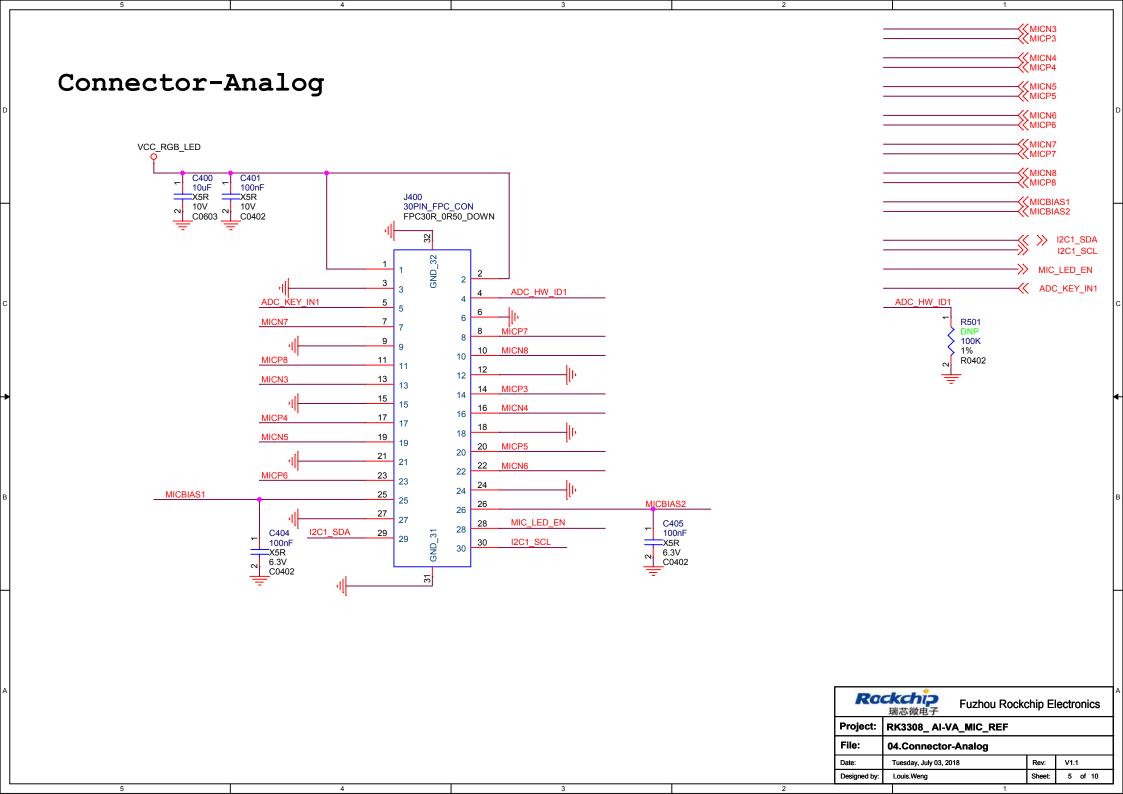
{| ltem \t{Value}\t{Description}\t{PCB Footprint}\t{Reference}\t{Quantity}\t{Option}

Revision History

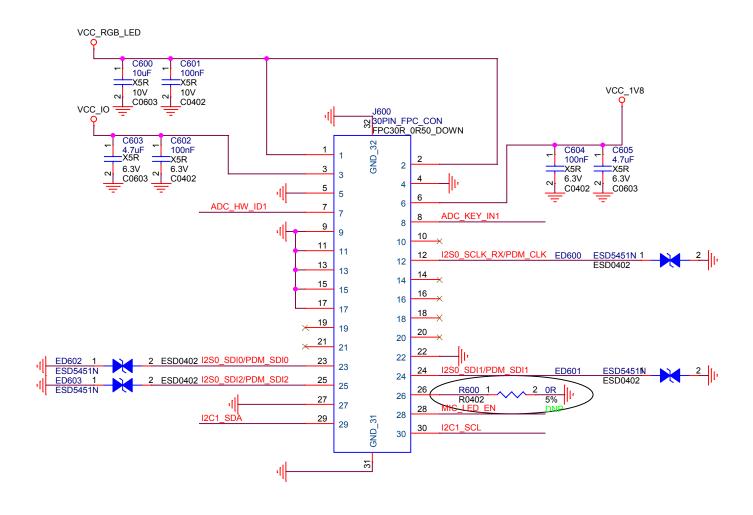
Version	Date	Author	Change Note	Approved
V0.1	2018.03.07	Louis.Weng	First edition	
V1.0	2018.05.11	Louis.Weng	1.Update PDM MIC 2.Add HW_ID 3.Update the circuit of Analog MIC	
V1.1	2018.06.15	Louis.Weng	1.change the circuit of KEY 2.change the power of AMIC 3.Delete some circuit	

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Project:	Project: RK3308_ AI-VA_MIC_REF			
File:	02.Revision History			
Date:	Wednesday, June 13, 2018	Rev:	V1.1	
Designed by:	Louis.Weng	Sheet:	3 of 10	





Connector-Digital-PDM





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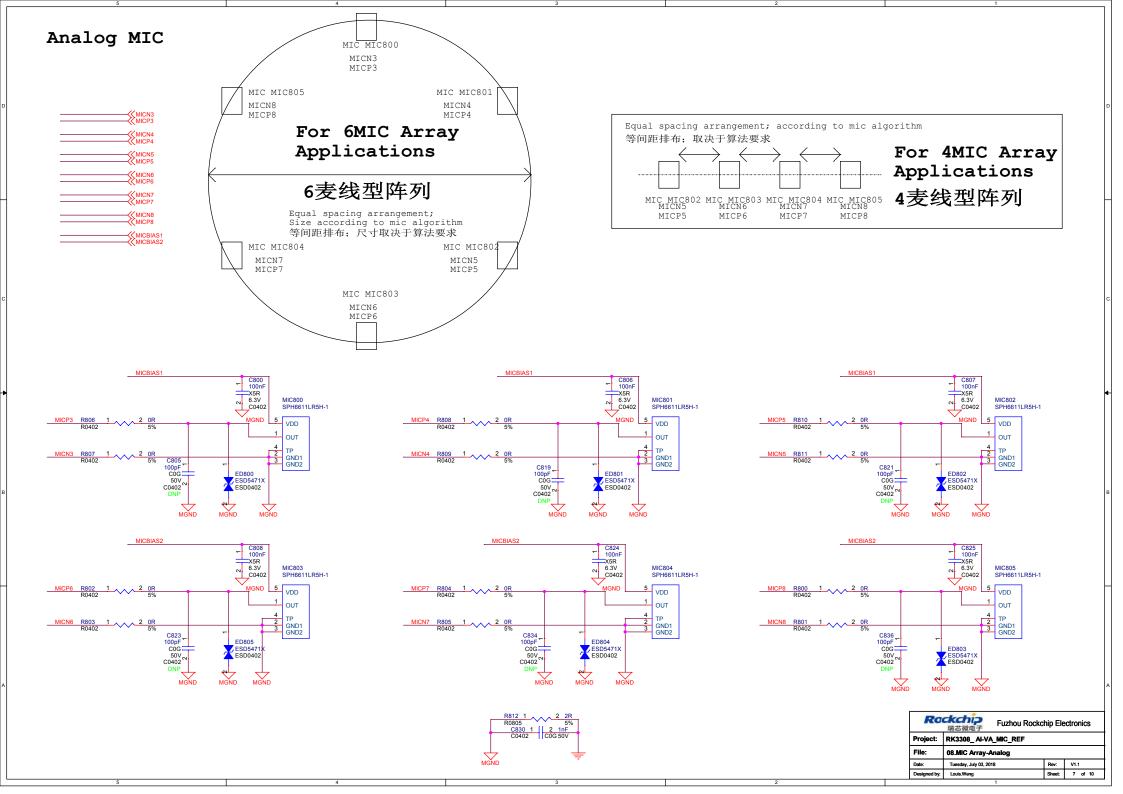
Project: RK3308_ Al-VA_MIC_REF

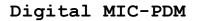
File: 06.Connector-Digital-PDM

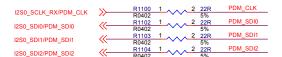
Date: Wednesday, June 13, 2018 Rev: V1.1

Designed by: Louis Weng Sheet: 6 of 10

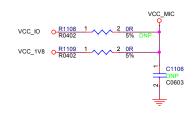
5 4 3 2

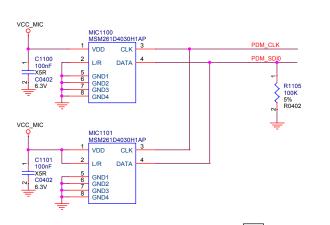


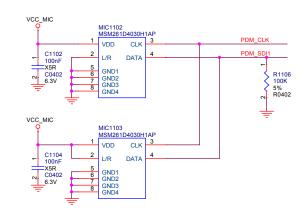


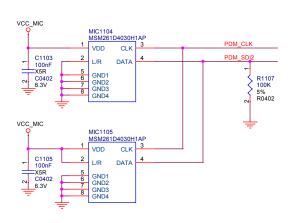


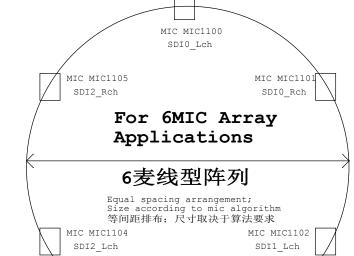
The SDI line should have a 100kohm PD resistor to discharge the line during the time that all microphones on the bus have tristated their outputs.







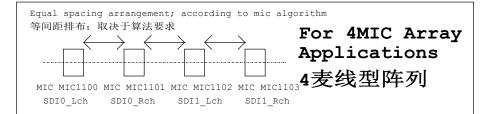




MIC MIC1103 SDI1 Rch

LR	Pull Up	Pull Down
Channel	R	L

Accordance with the datasheet



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Project:	RK3308_ Al-VA_	MIC_REF		
File:	11.MIC Array-Digital-PDM			
Date:	Wednesday, June 13, 2	018	Rev:	V1.1
Designed by:	Louis.Weng		Sheet:	8 of 10

