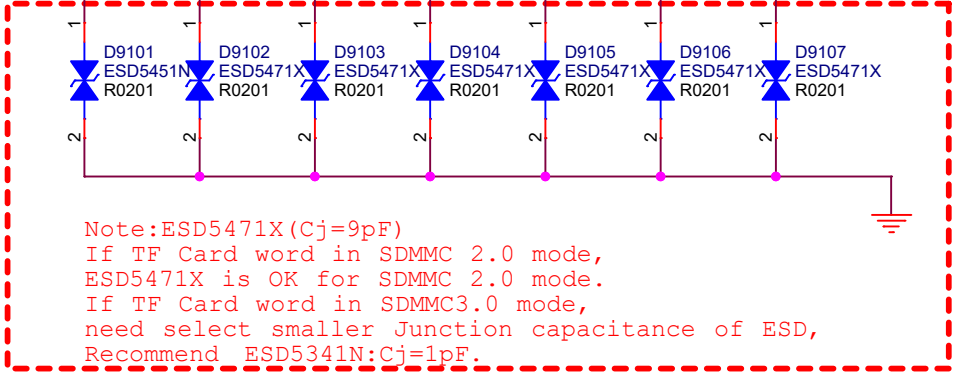
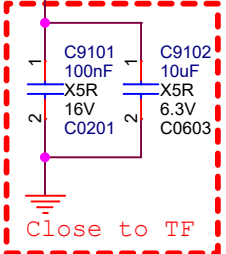
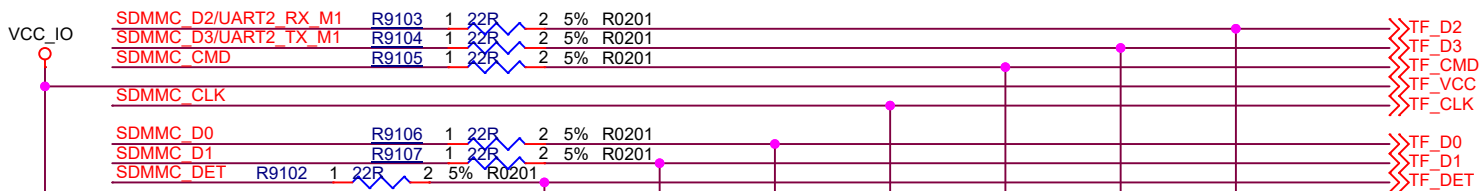
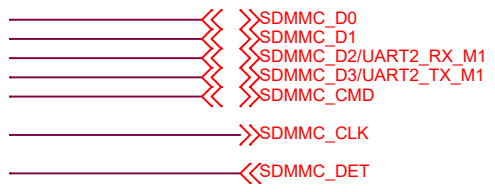
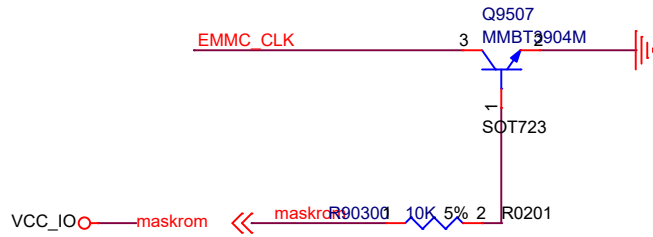
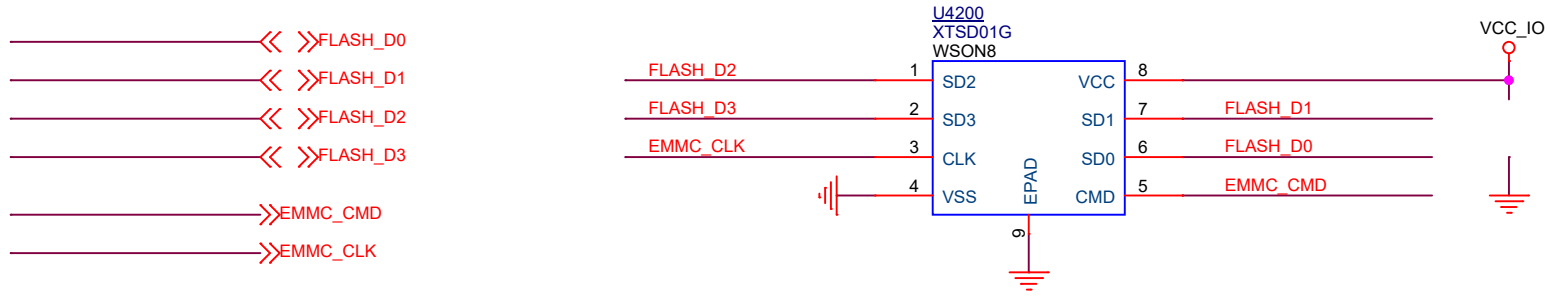


TF Card

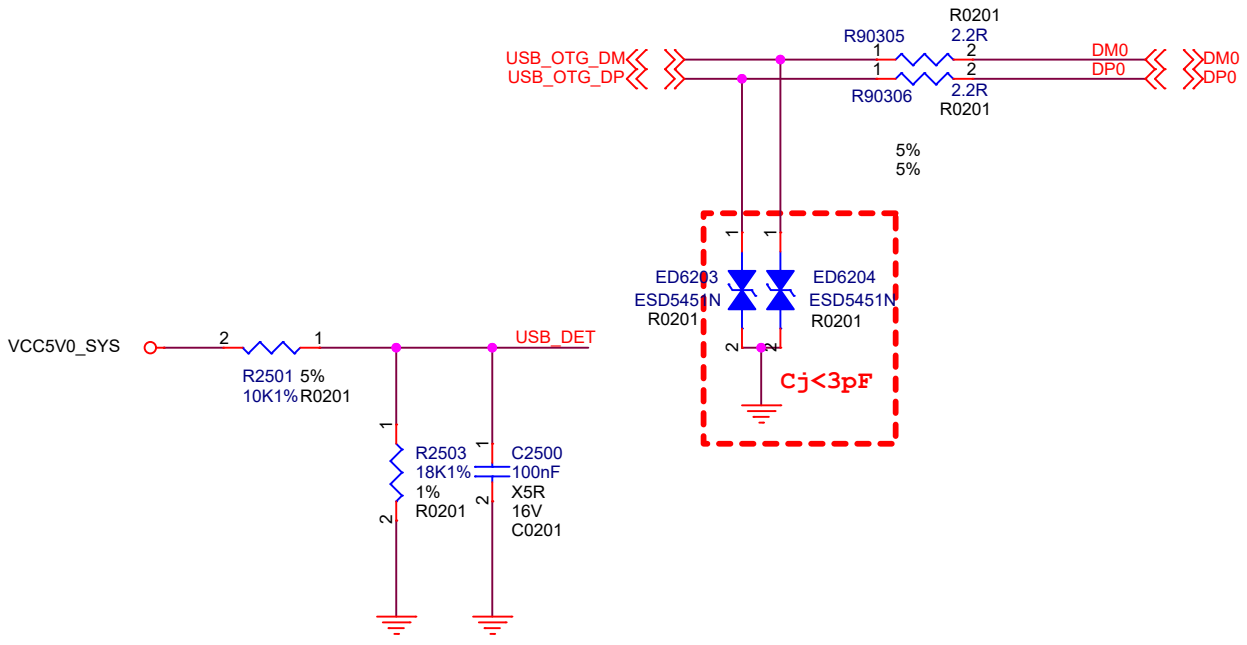
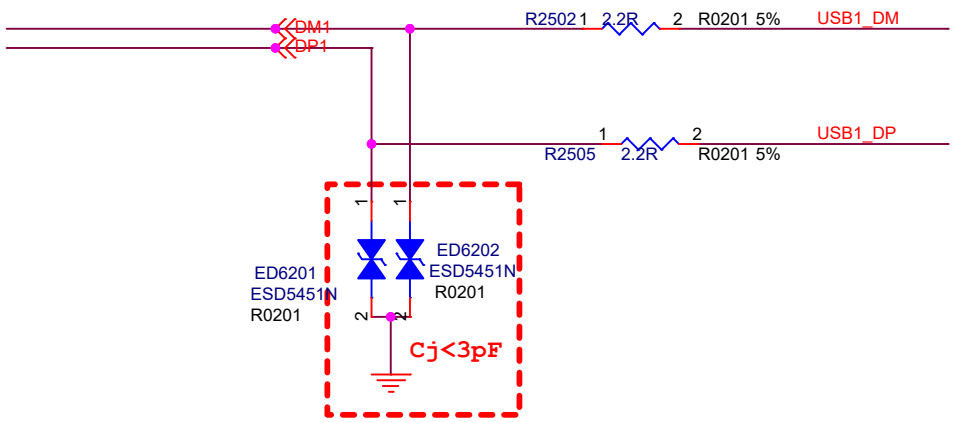
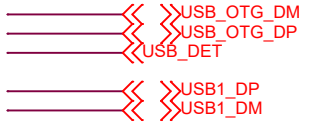
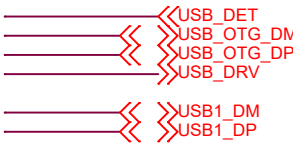


SPI Flash

Remind: Refer to the latest AVL for parts selection.

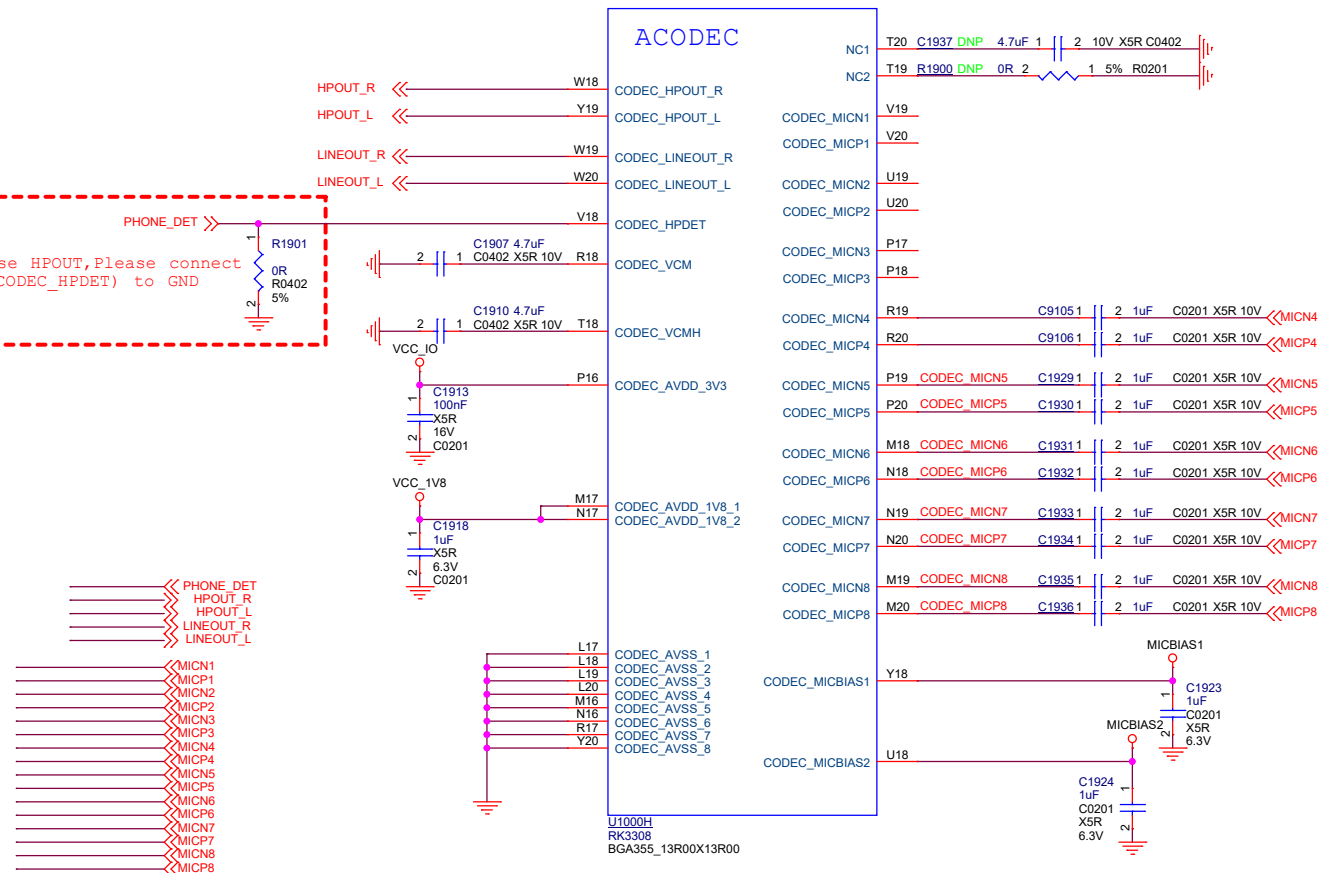


USB OTG



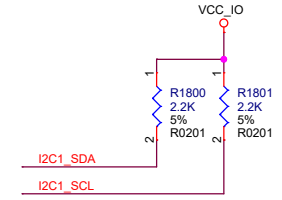
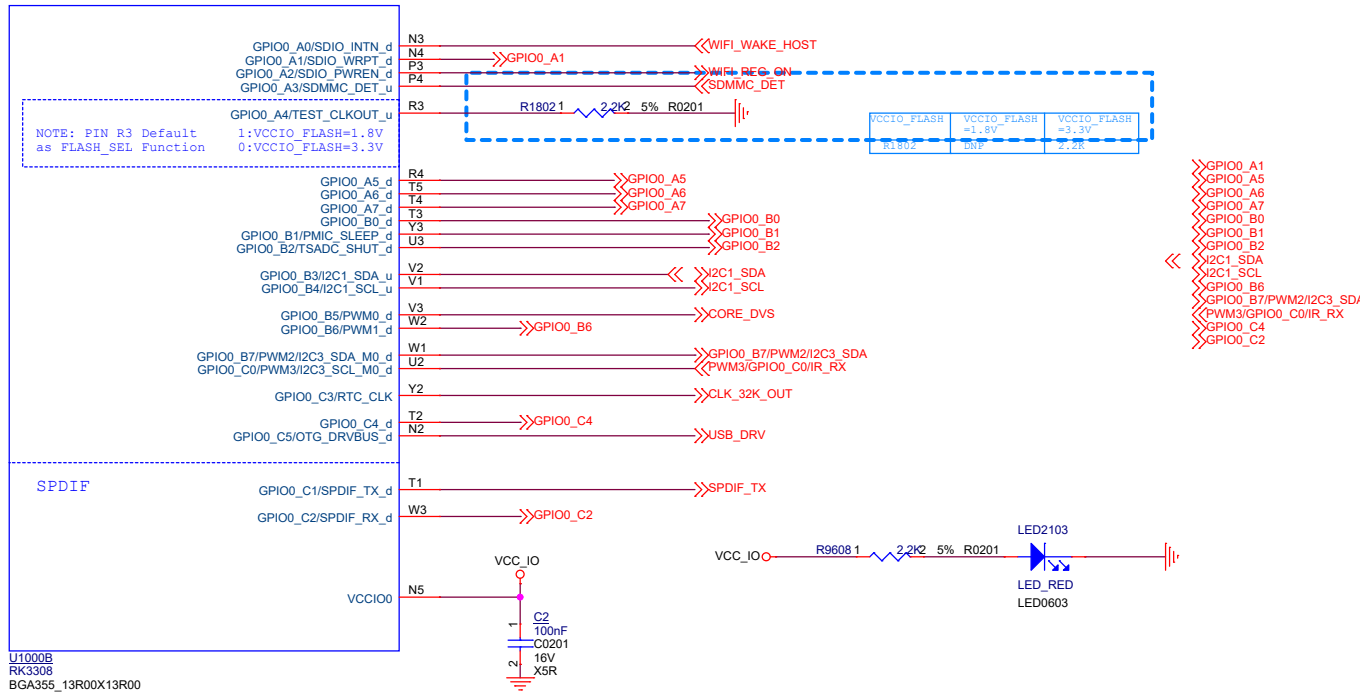
RK3308 Part-H

Note:
if not use HPOUT, Please connect
PIN V18(CODEC_HPDET) to GND
R1901=0R

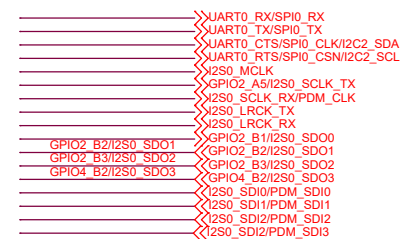
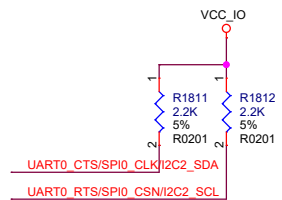
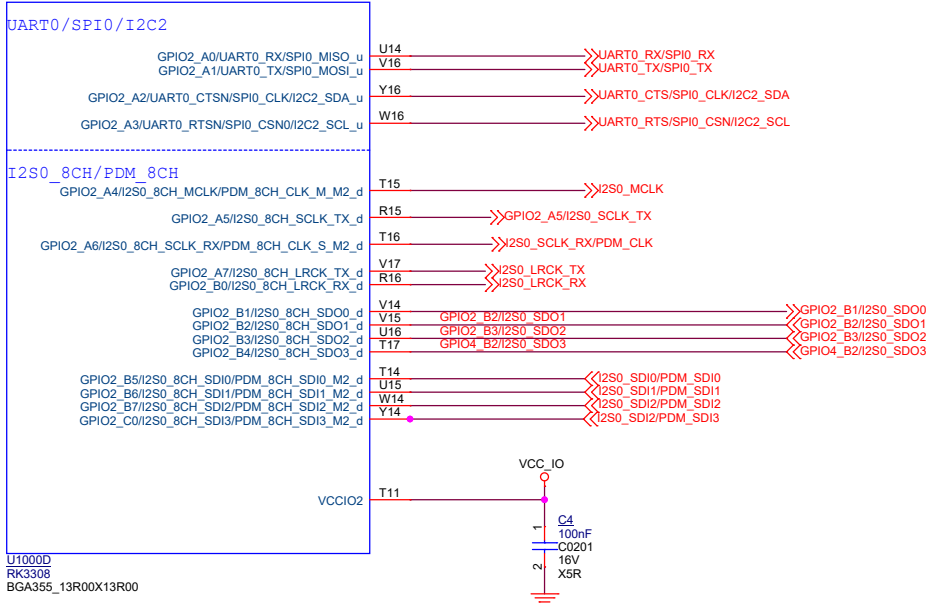


Application scene	MIC IN Channel	Loopback Channel
6MIC IN+ 2Speaker OUT	MIC3~MIC8	MIC1~MIC2
6MIC IN+ 1Speaker OUT	MIC3~MIC8	
5MIC IN+ 2Speaker OUT	MIC4~MIC8	
5MIC IN+ 1Speaker OUT	MIC4~MIC8	
4MIC IN+ 2Speaker OUT	MIC5~MIC8	
4MIC IN+ 1Speaker OUT	MIC5~MIC8	
3MIC IN+ 1Speaker OUT	MIC6~MIC8	
2MIC IN+ 1Speaker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

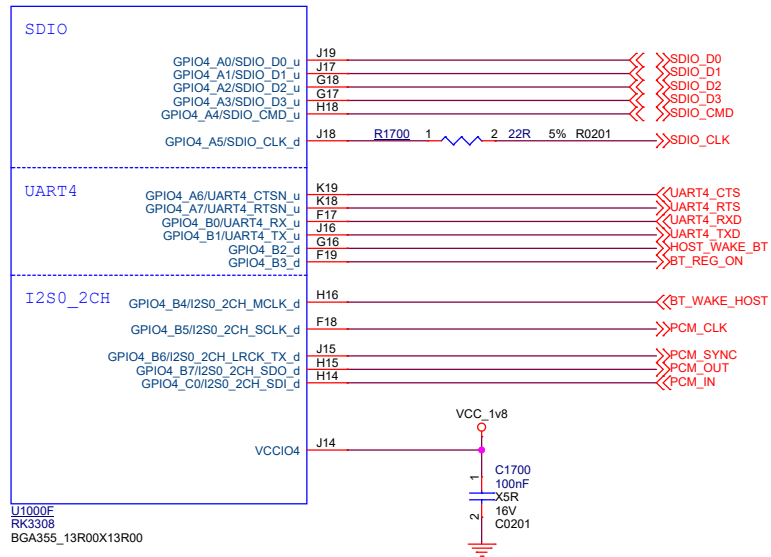
RK3308 Part-B



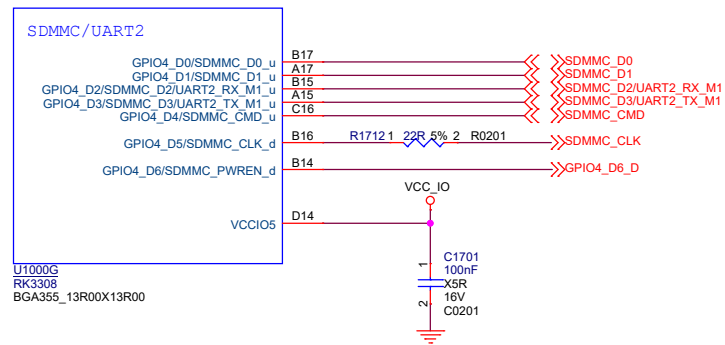
RK3308 Part-D



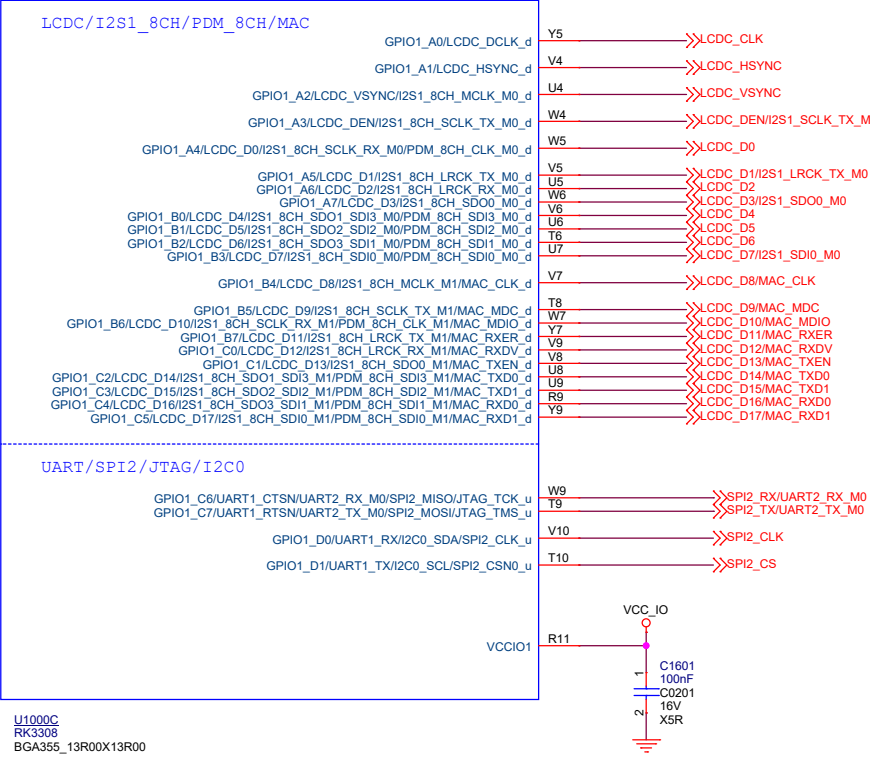
RK3308 Part-F



RK3308 Part-G



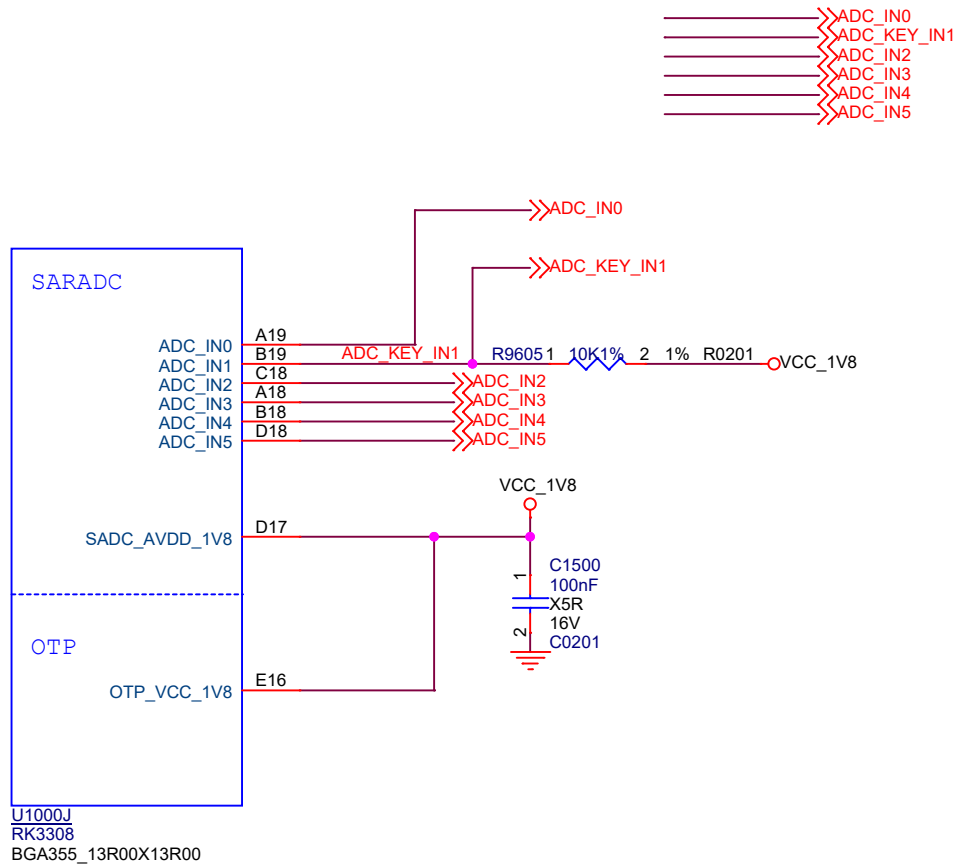
RK3308 Part-C



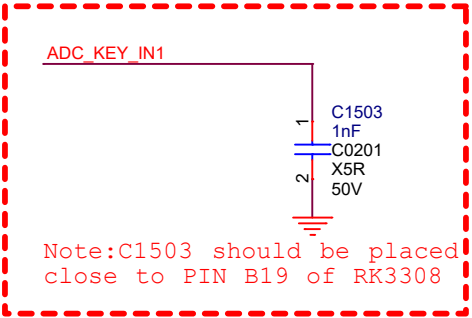
U1000C
RK3308
BGA355_13R00X13R00



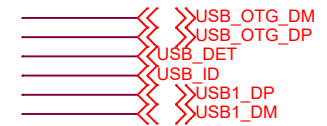
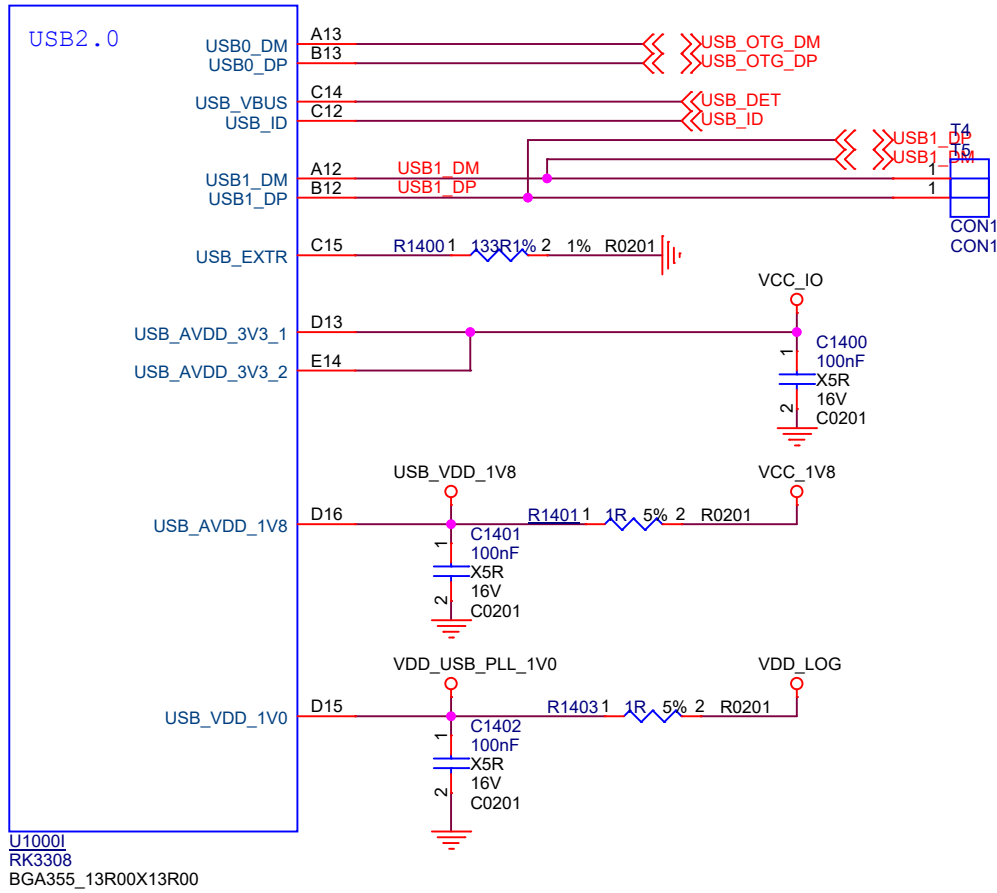
RK3308 Part-J



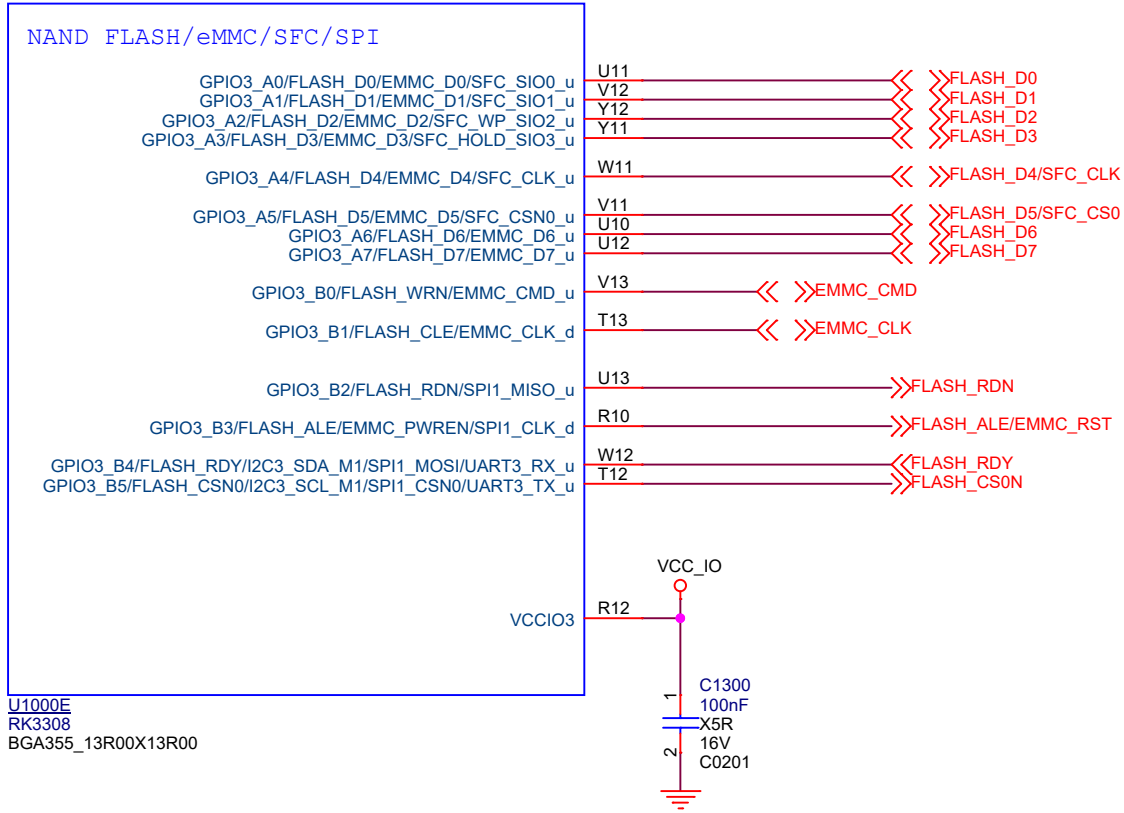
U1000J
RK3308
BGA355_13R00X13R00



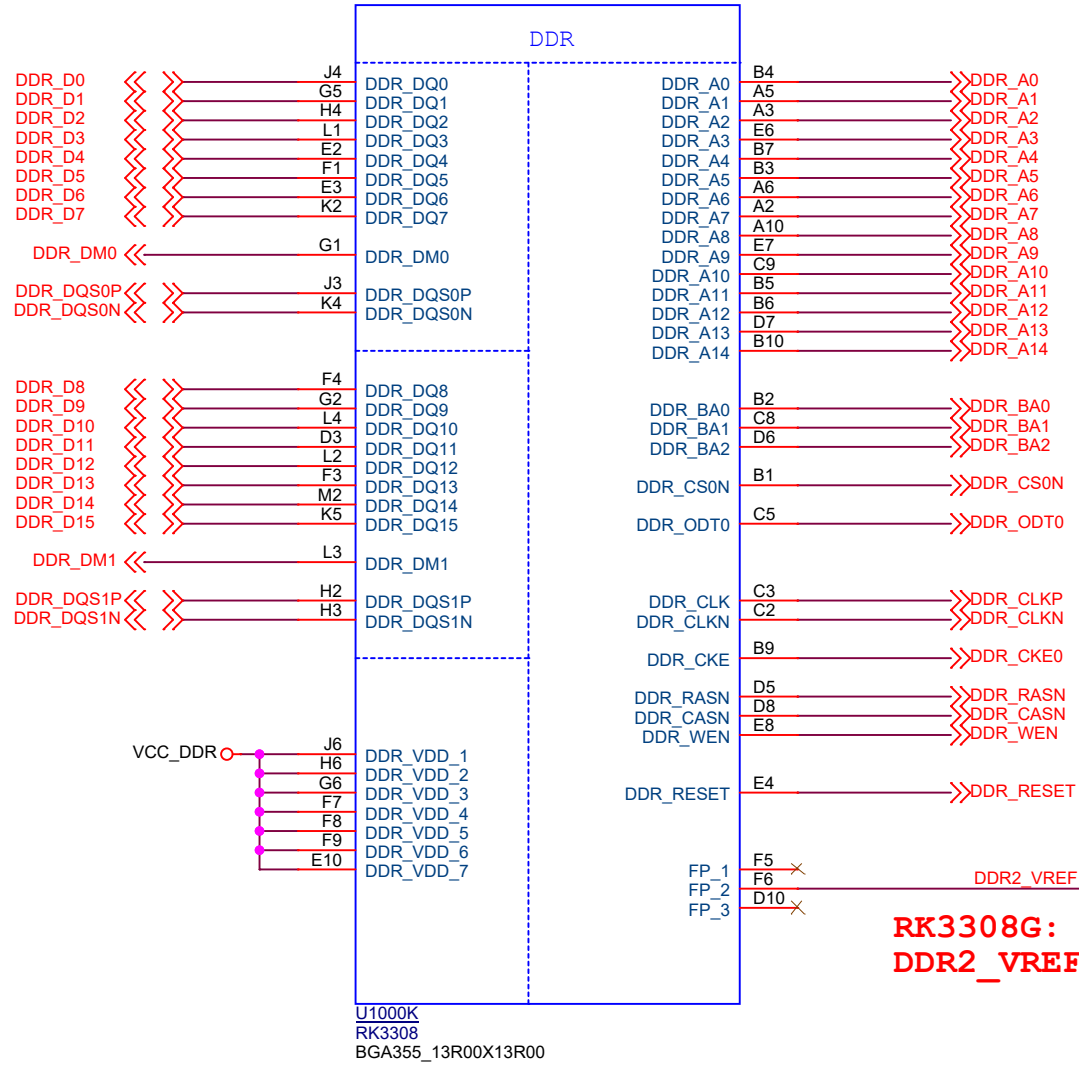
RK3308 Part-I



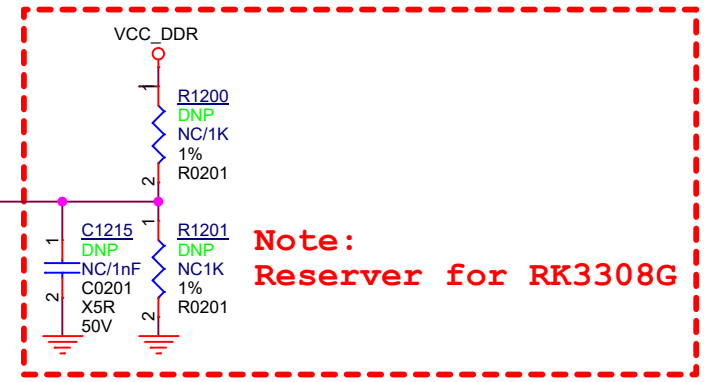
RK3308 Part-E



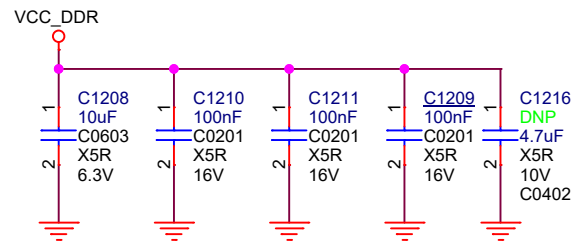
RK3308 Part-K



**RK3308G:
DDR2_VREF**

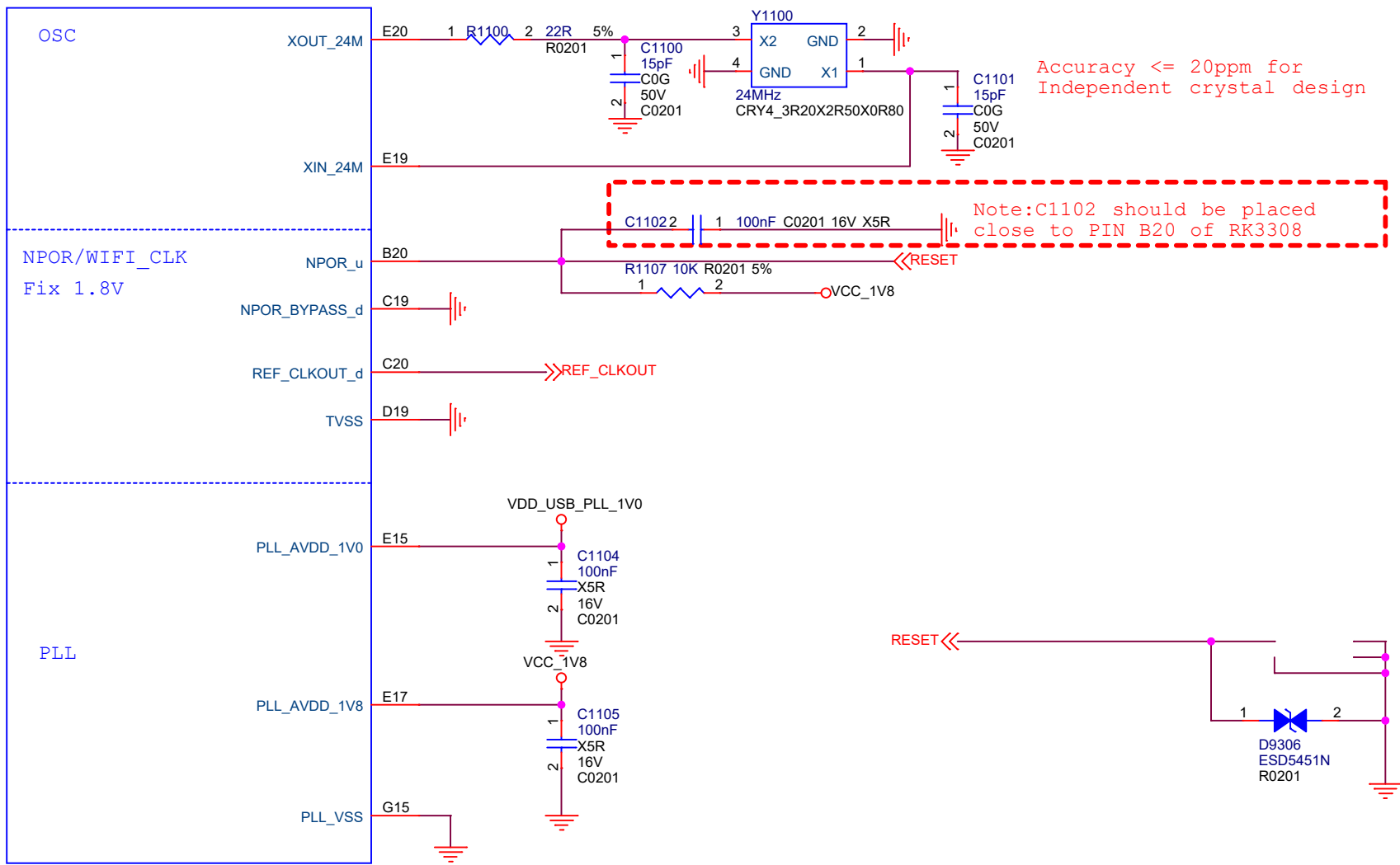


Power Filter



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

RK3308 Part-A

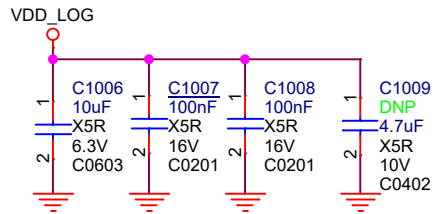
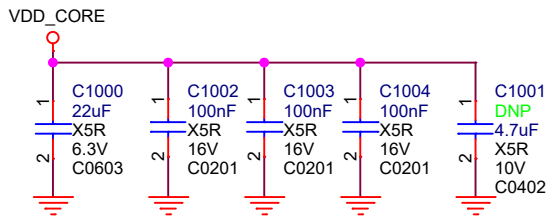
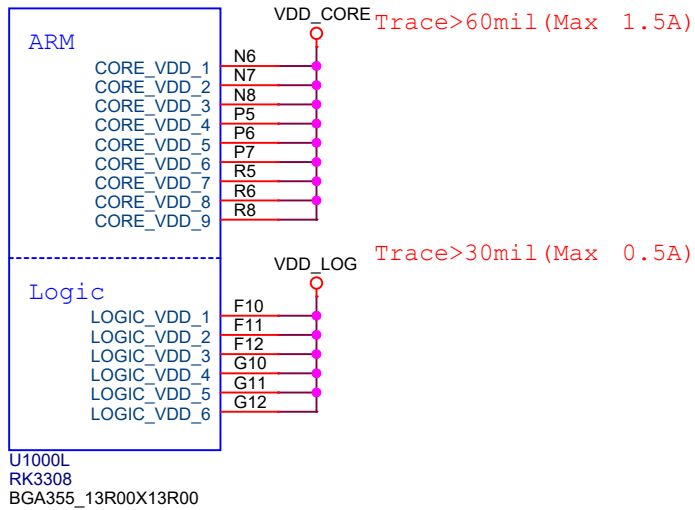


Accuracy <= 20ppm for Independent crystal design

Note: C1102 should be placed close to PIN B20 of RK3308

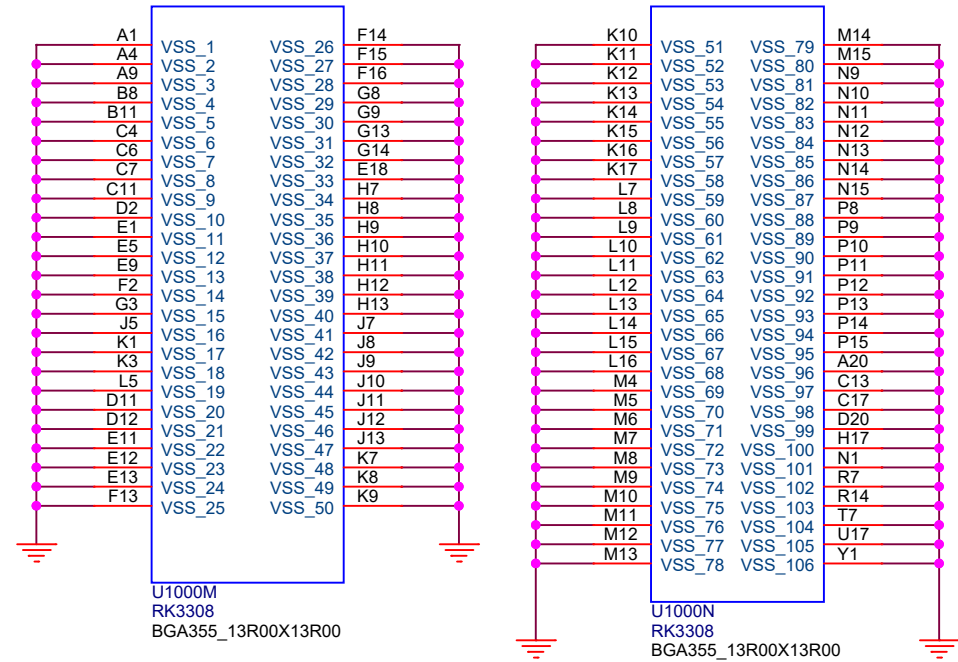
U1000A
RK3308
BGA355_13R00X13R00

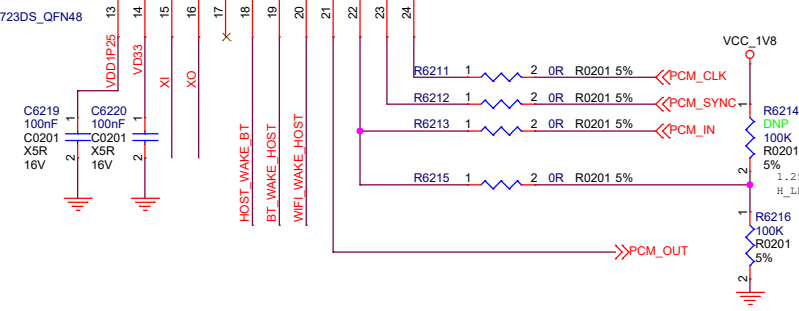
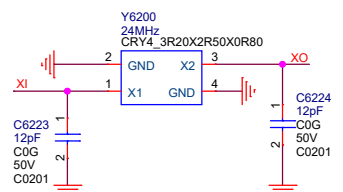
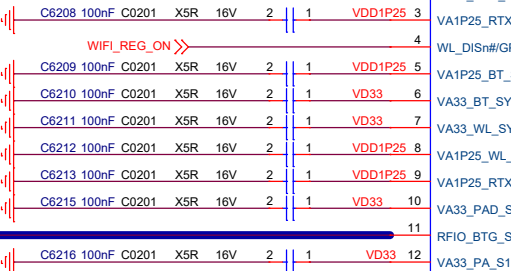
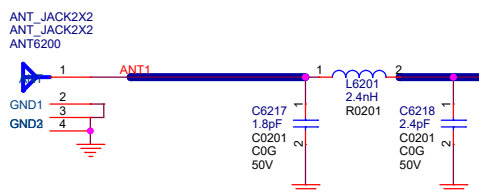
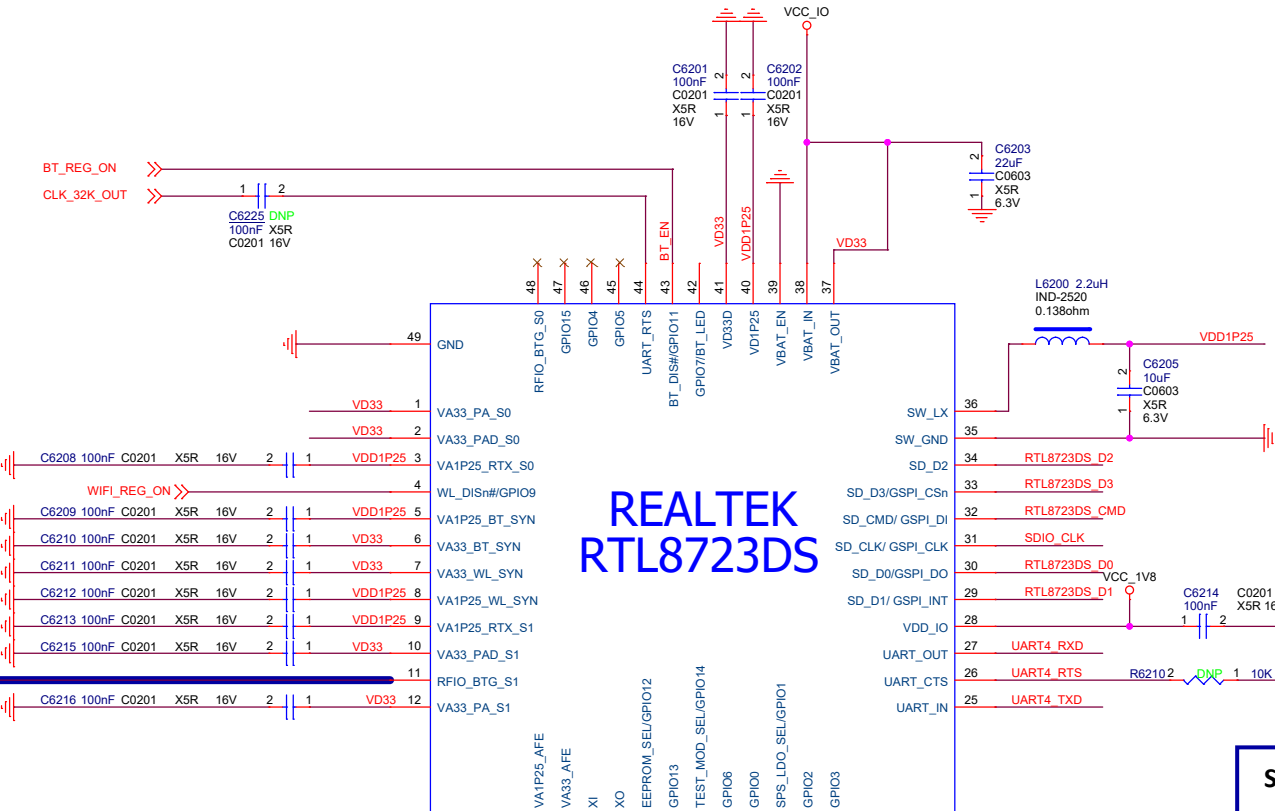
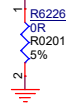
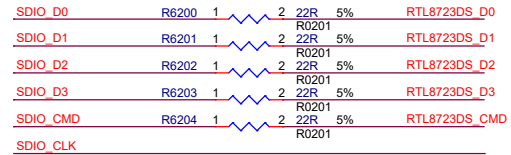
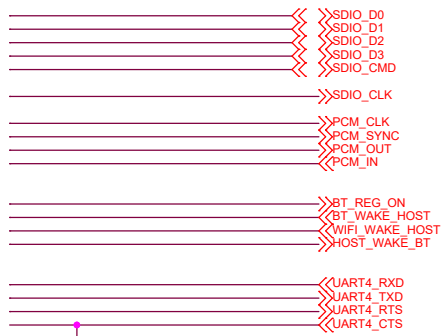
RK3308 Part-L



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

RK3308 Part-N





SPS_LDO_SEL

LDO MODE:
R6214=100K R6216=DNP L6200=0R

SPS MODE:
R6214=DNP R6216=100K L6200=2.2uH

1.25V Supply Mode Selection:
H_LDO/I_SPS

