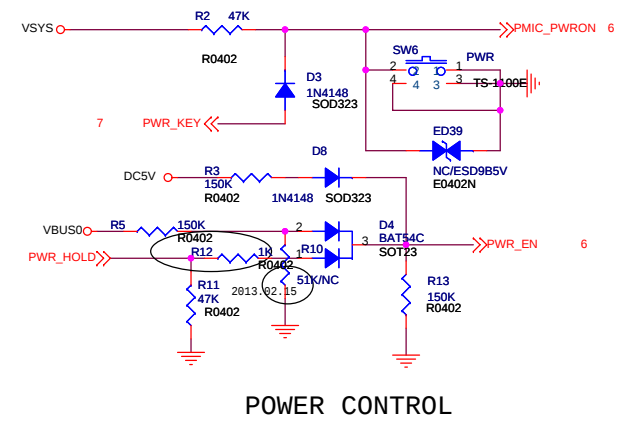
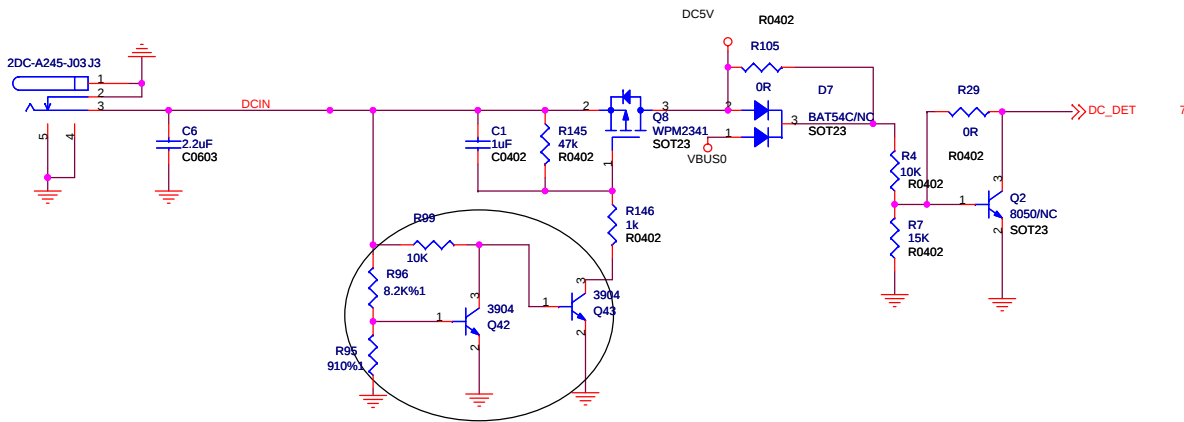
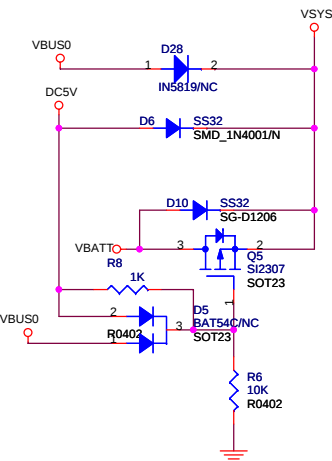


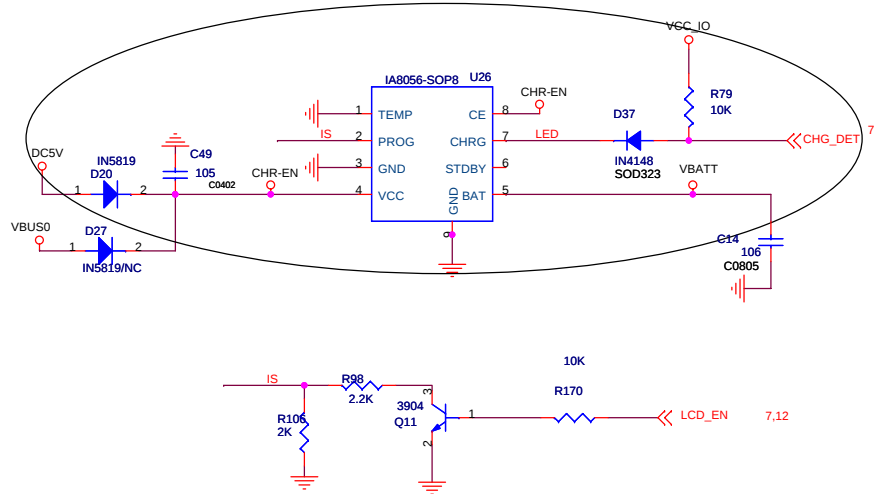
DC IN
Note:
Please use a 5V DC.



BATTERY CHARGE



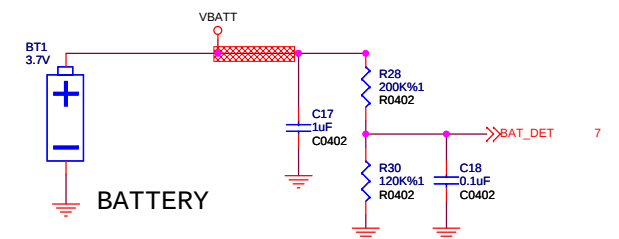
充电管理



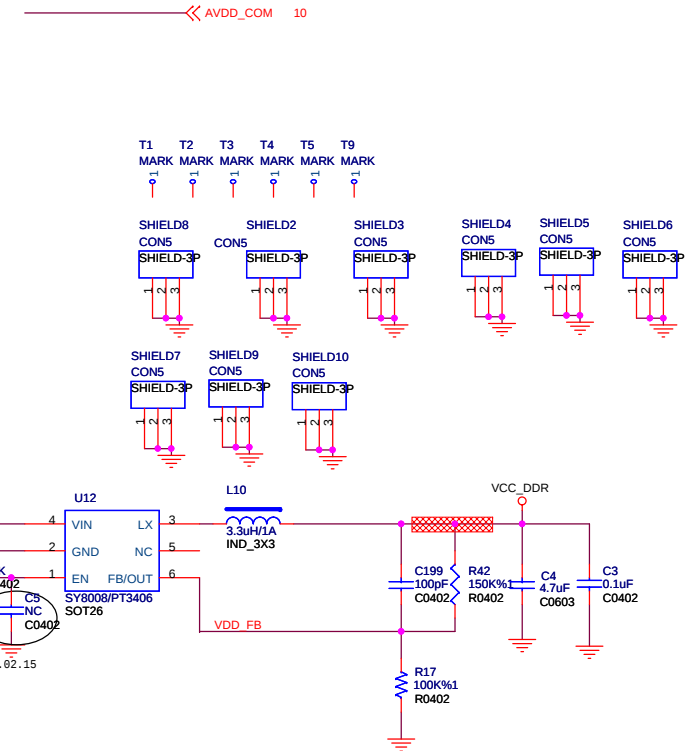
PCB POWER WIRE WIDTH INDICATE

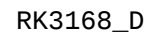
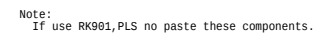
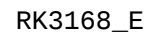
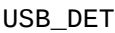
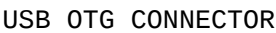
- above 80 miles
- above 50 miles
- above 30 miles
- above 12 miles
- No indicate
- Under needs

I2C0_SDA I2C0_SCL 10,14



	above 80 miles
	above 50 miles
	above 30 miles
	above 12 miles
No indicate	Under needs





U1G

GPIO3_A2/SDMMC0_CLKO
GPIO3_A3/SDMMC0_CMD
GPIO3_A4/SDMMC0_D0
GPIO3_A5/SDMMC0_D1
GPIO3_A6/SDMMC0_D2
GPIO3_A7/SDMMC0_D3
GPIO3_B0/SDMMC0_DET
GPIO3_B1/SDMMC0_WP
GPIO3_A1/SDMMC0_PWR
GPIO3_A0/SDMMC0_RSTN

T19 SDMMC_CLK
T18 SDMMC_CMD
V20 SDMMC_D0
U22 SDMMC_D1
U22 SDMMC_D2
U20 SDMMC_D3
M21 SDMMC_DET
M22
N21
N19

RK3168
BGA453-19X19

RK3168_G

U1I

FLASH_D0/EMMC_D0 AC20 FLASH_D0
FLASH_D1/EMMC_D1 AB21 FLASH_D1
FLASH_D2/EMMC_D2 AA21 FLASH_D2
FLASH_D3/EMMC_D3 Y22 FLASH_D3
FLASH_D4/EMMC_D4 AC22 FLASH_D4
FLASH_D5/EMMC_D5 Y21 FLASH_D5
FLASH_D6/EMMC_D6 AC23 FLASH_D6
FLASH_D7/EMMC_D7 AB22 FLASH_D7

FLASH_RDY W17 FLASH_RDY
FLASH_WP/EMMC_PWR Y18 FLASH_WP/EMMC_PWR
FLASH_RDN AB19 FLASH_RDN
FLASH_ALE U19 FLASH_ALE
FLASH_CLE W18 FLASH_CLE
FLASH_WRN AA19 FLASH_WRN

FLASH_CSN0 Y19 FLASH_CS0
GPIO0_D1/FLASH_CSN1 Y20 FLASH_CS1
GPIO0_D2/FLASH_CSN2/EMMC_CMD AA22 FLASH_CS2/EMMC_CMD
GPIO0_D3/FLASH_CSN3/EMMC_RSTN AA20 FLASH_CS3
GPIO0_D0/FALSH_DQS/EMMC_CLKO AB20 FALSH_DQS/EMMC_CLKO

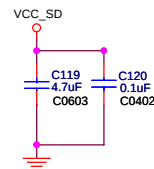
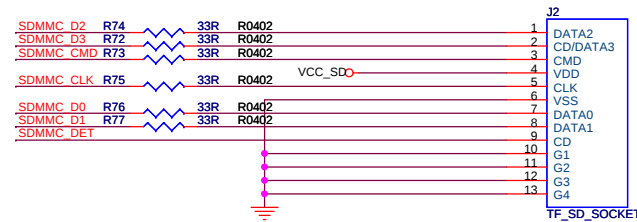
GPIO0_C0/FLASH_D8 W22
GPIO0_C1/FLASH_D9 W20
GPIO0_C2/FLASH_D10 W21
GPIO0_C3/FLASH_D11 Y23
GPIO0_C4/FLASH_D12 AB23
GPIO0_C5/FLASH_D13 V21
GPIO0_C6/FLASH_D14 V19
GPIO0_C7/FLASH_D15 W23

FLASH_VCC N18

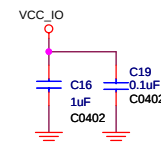
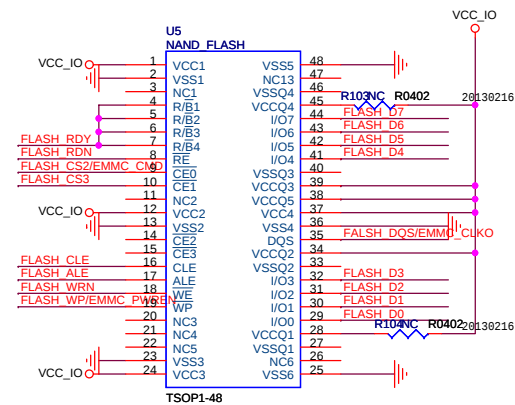
FLASH_D0[0:7]

RK3168
BGA453-19X19

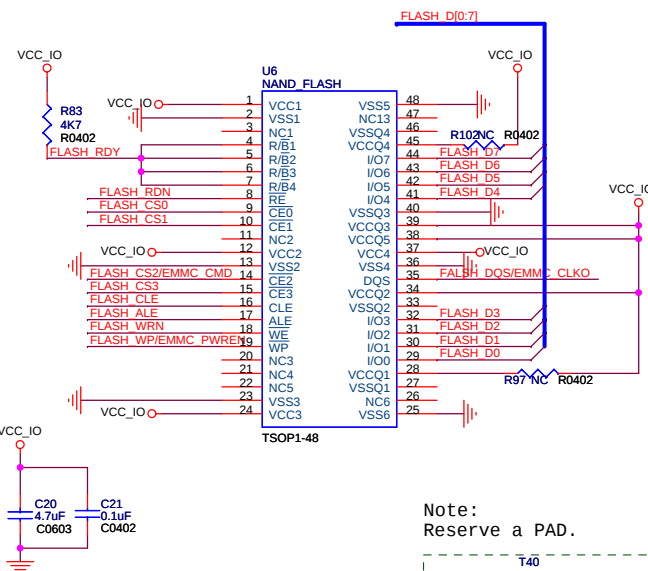
RK3168_I



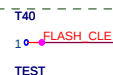
TF CARD



INAND(OPTION3)

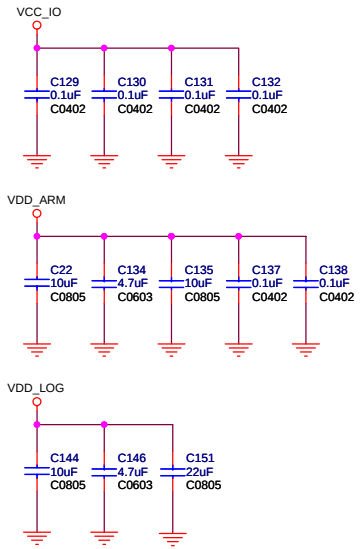
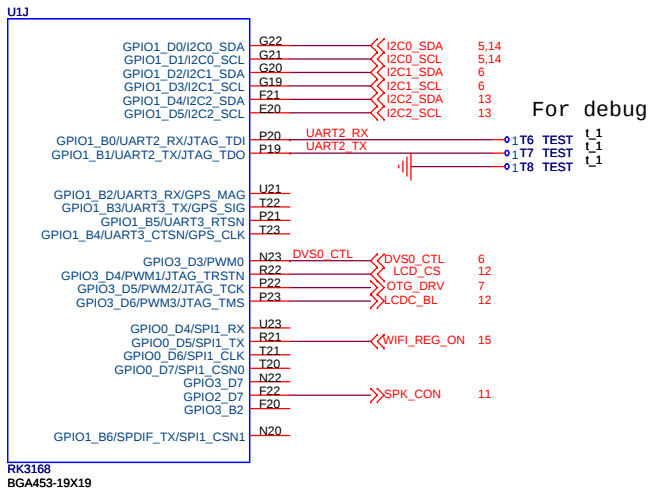
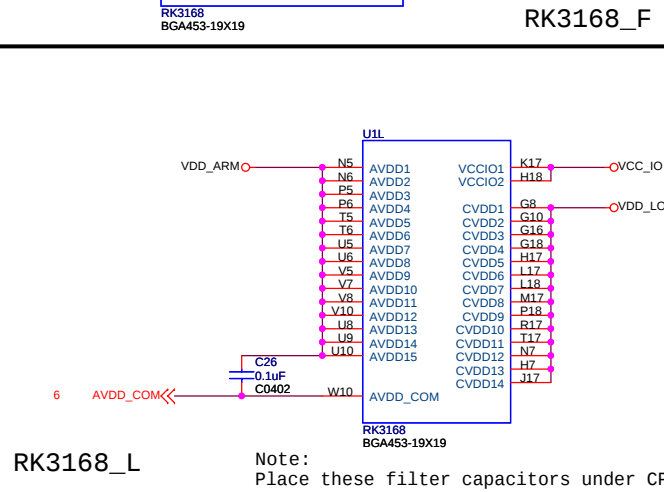
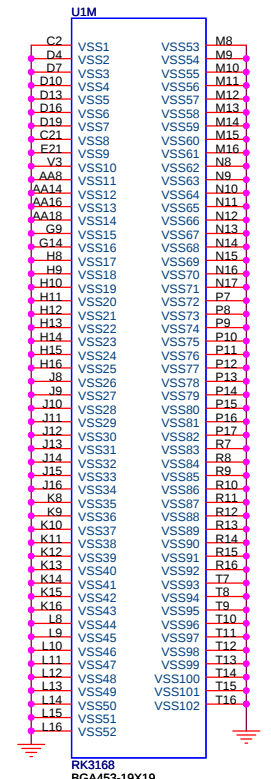
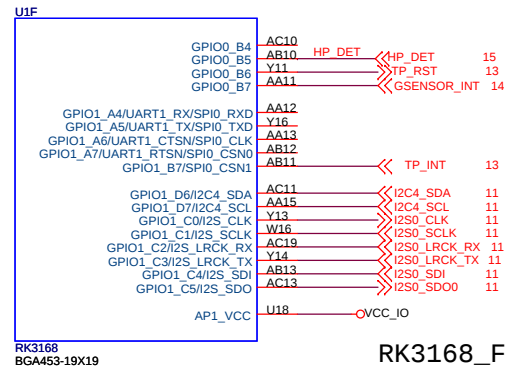
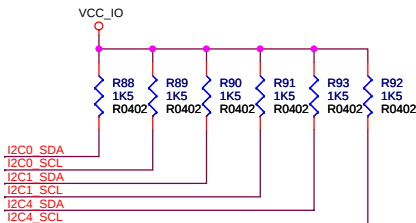


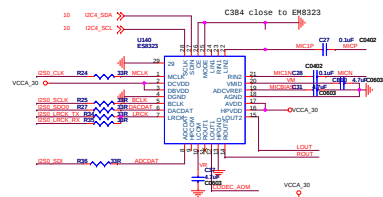
Note:
Reserve a PAD.



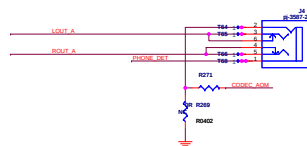
LGA NANDFLASH(OPTION2)

NAND FLASH(OPTION1)

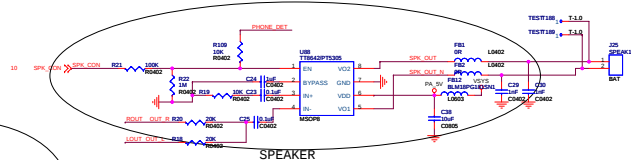
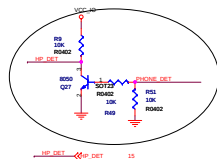
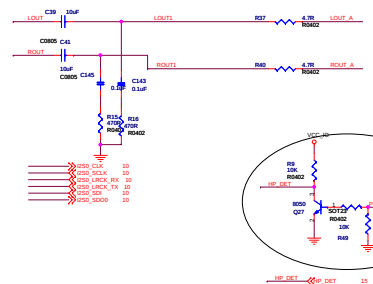
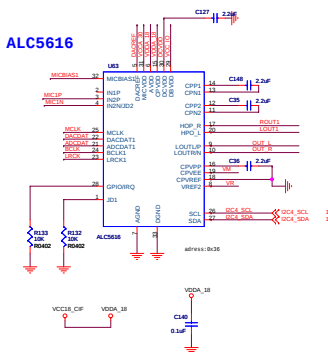




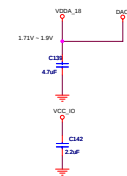
Codec Option2:ES8323



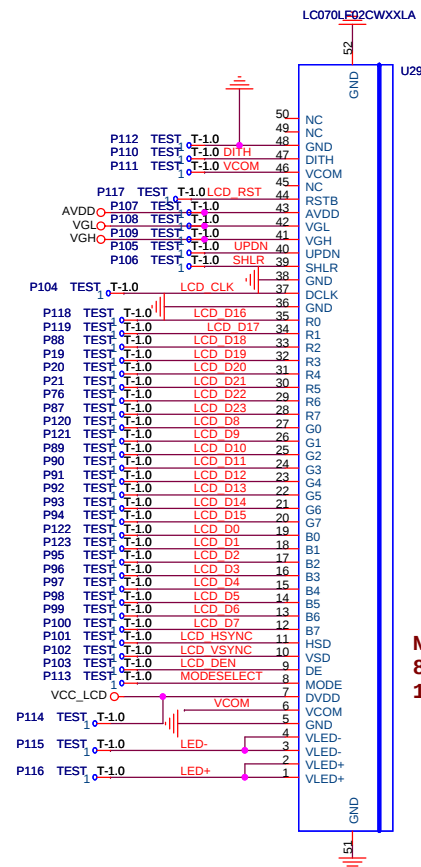
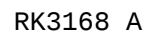
ALC5616



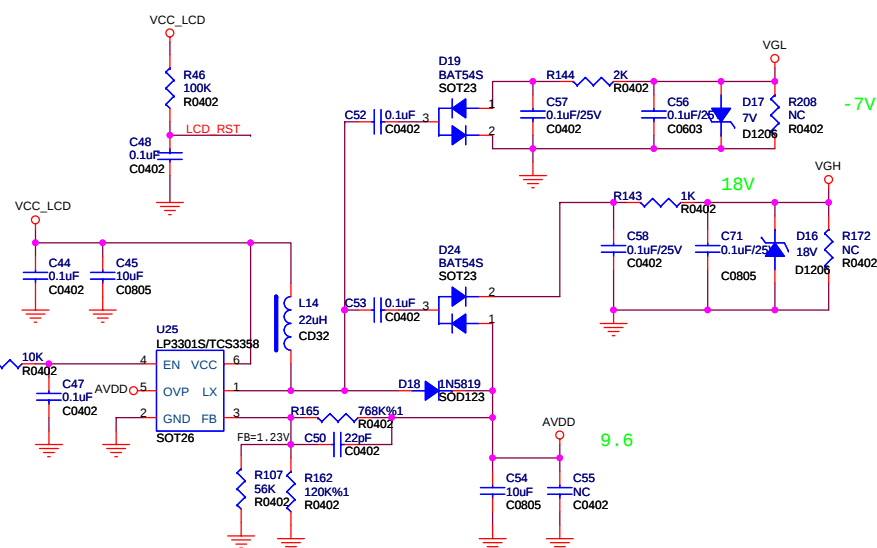
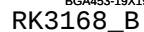
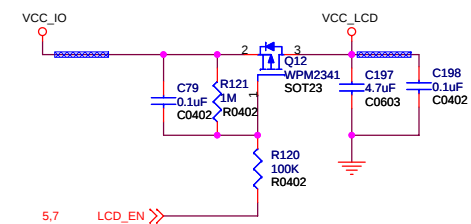
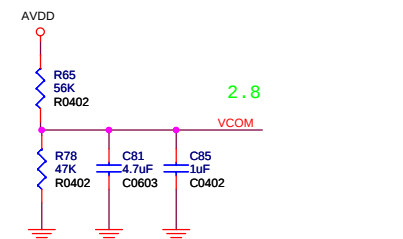
2013.02.15



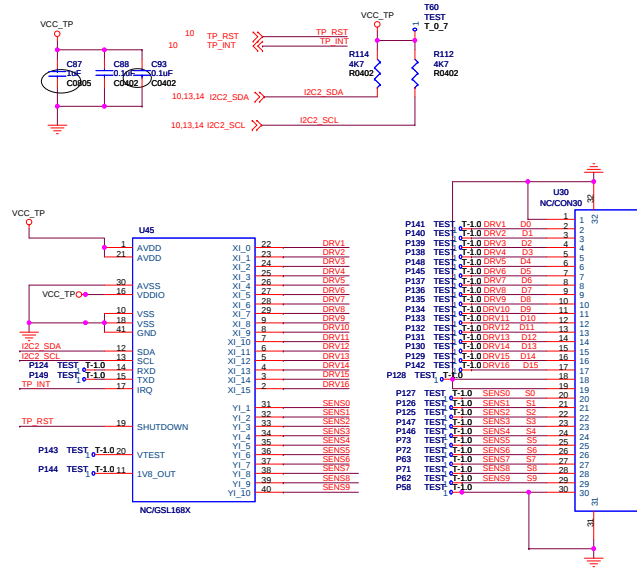
福州瑞芯微电子股份有限公司	
Title: Audio	
File: RK3168_REF_TP5659102_1CE1_rev1.1	
Create Date: Friday, October 15, 2010	Page: 11
Modify Date: Tuesday, Nov 23, 2010	Page Total: 18



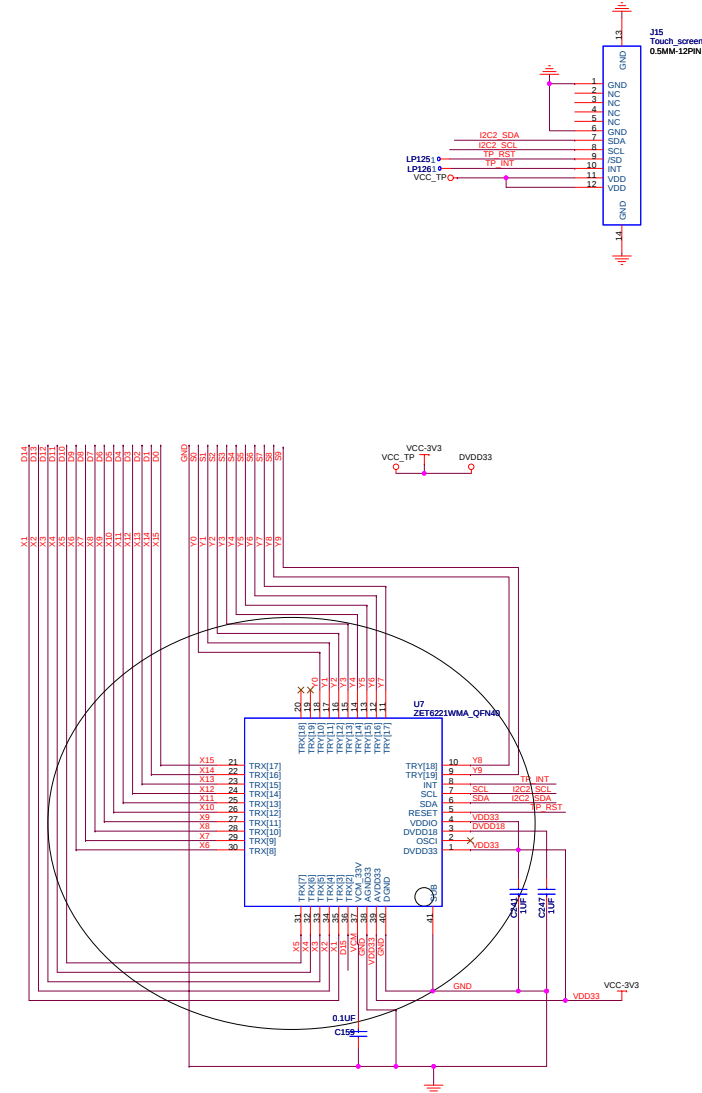
NOTE:
800*480的屏R219 56K, 此时电压4.1V;
1024*600的屏R219贴68K, 此时电压3.6V。

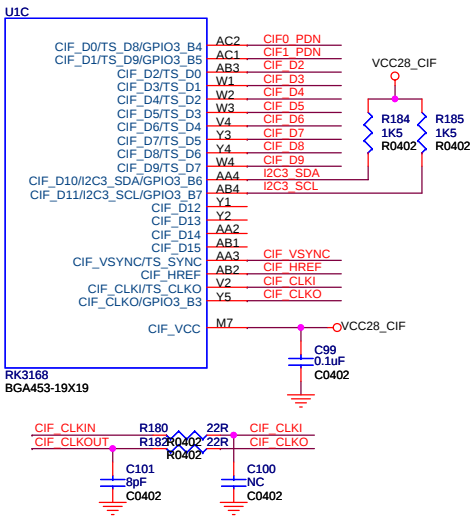


LCD PANEL CONNECTOR

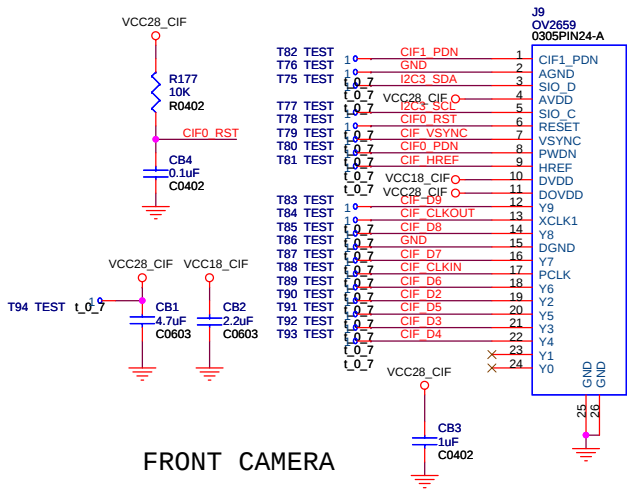


TOUCH PANEL CONNECTOR



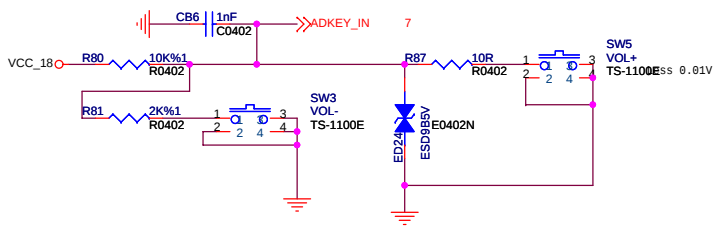
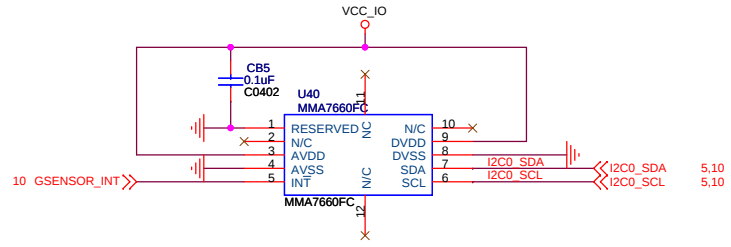
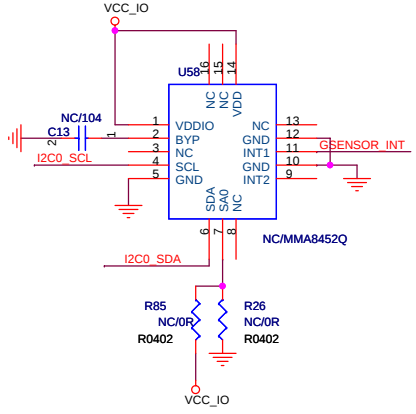


RK3168_C



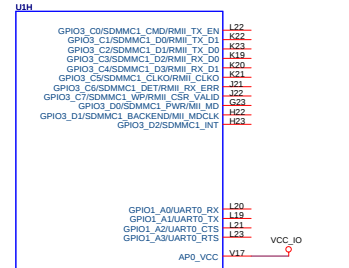
FRONT CAMERA

Note: If using other sensor modules, follow to the requirements of SPEC on the power supply.

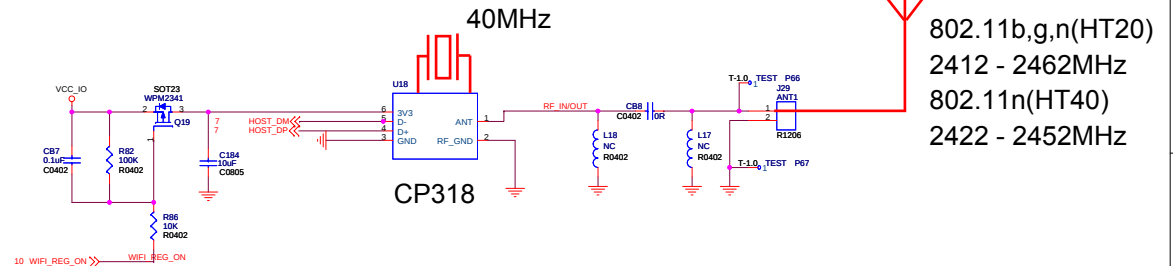


KEY BA0RD

When the system power on, the Adkey_in level is 0V, RK31 enter into recovery mode.



RK3168
BGA463-19X19
RK3168_H



1		
UD88E00-1V0	initial	20120111
	delet R3,R10,R11,R32,R40	20120216
	add C70,C71	
UD88E00-1V1	update ANT matching value , L5, C13	20120326

