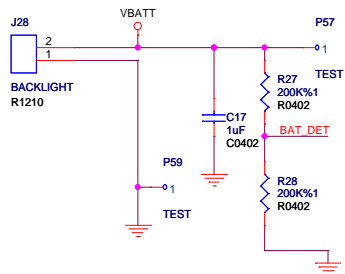


Charging icon displayed if power key is long pressed when adapter or usb is exist!

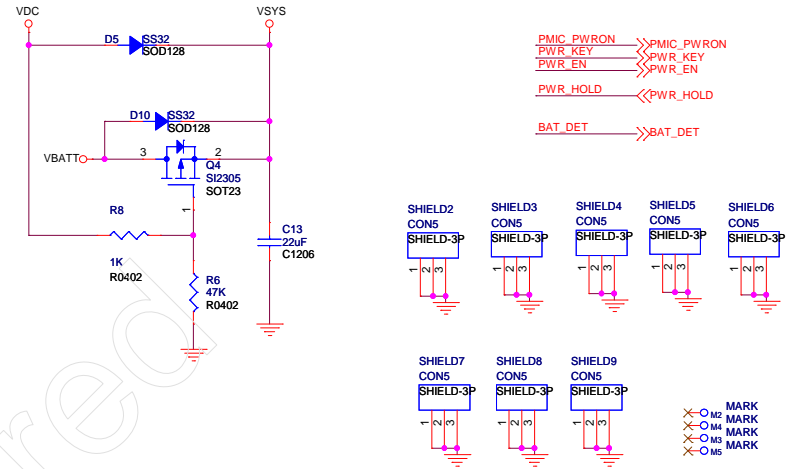
POWER CONTROL

BATTER



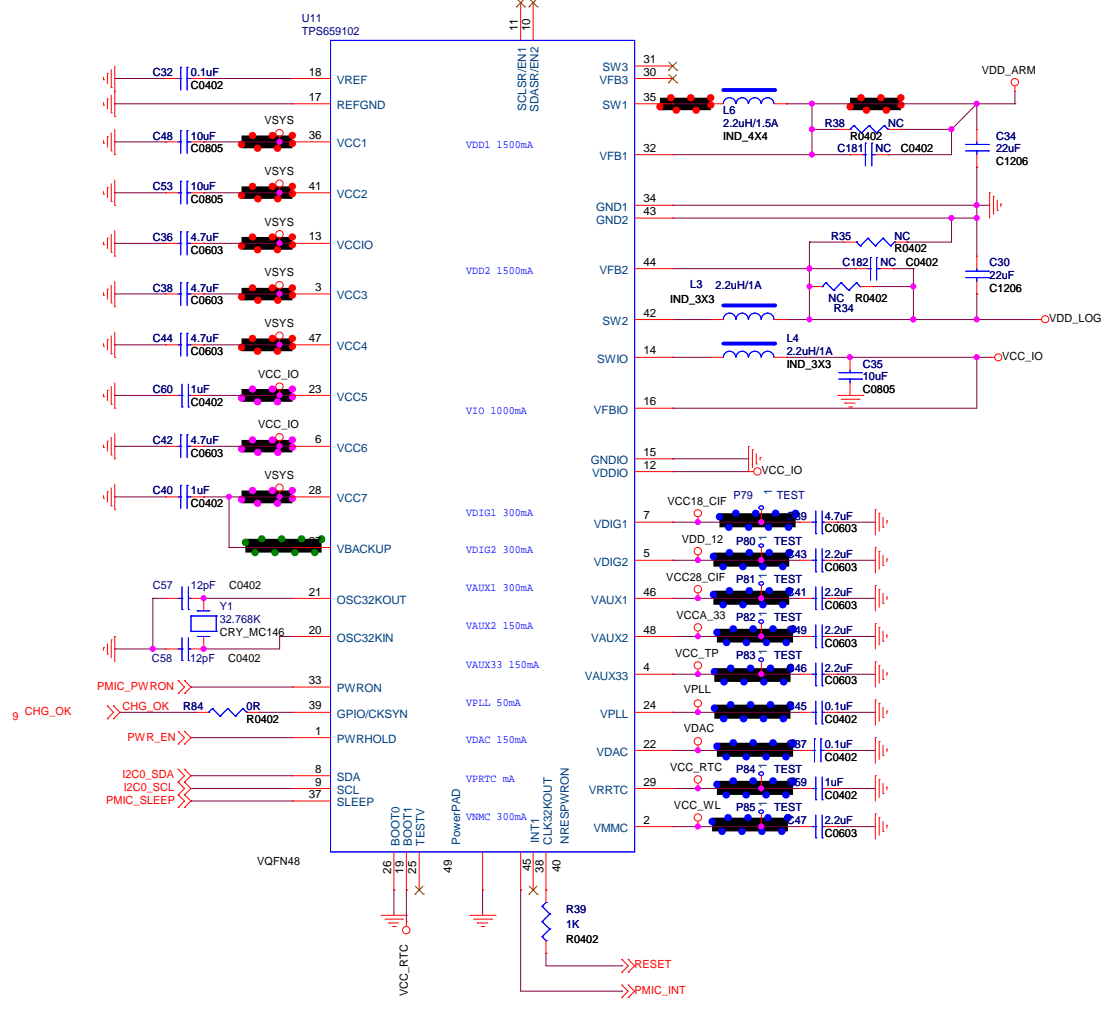
CHARG

EMC5040/RT9505: Icharge=830V/Rset, Used R151, No used R149  
 LP28011: Icharge=300X(2.5/Rset), Used R149, No used R151  
 Don't suggest charging current more than 800 mA;

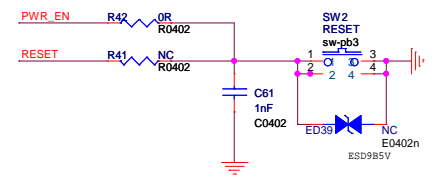
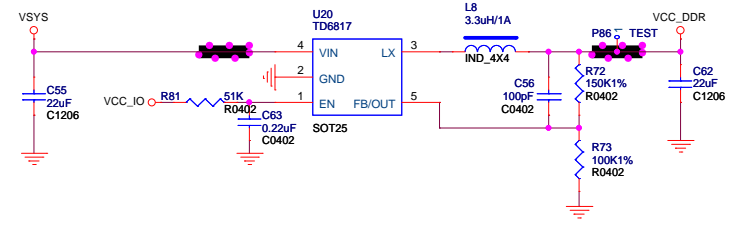


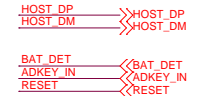
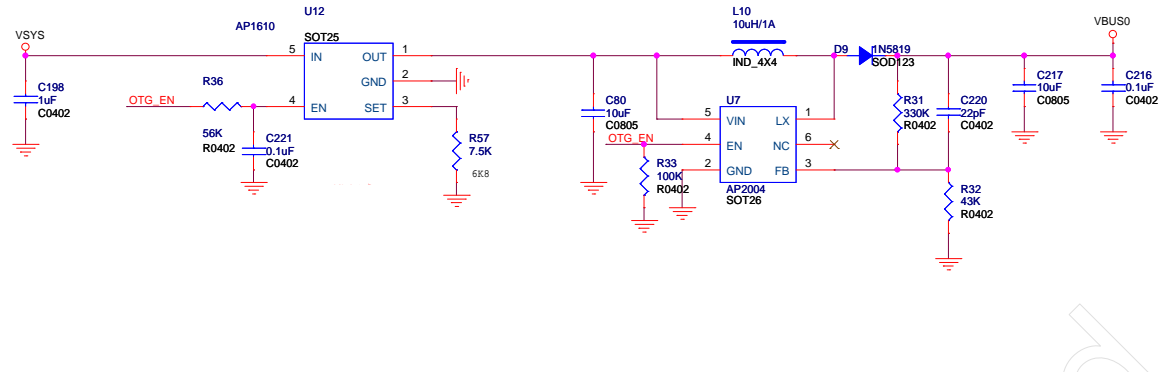
### PCB POWER WIRE WIDTH INDICATE

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

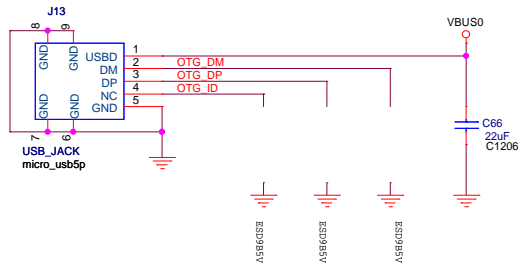


Note: Please use a 1.5A or above power supply IC.

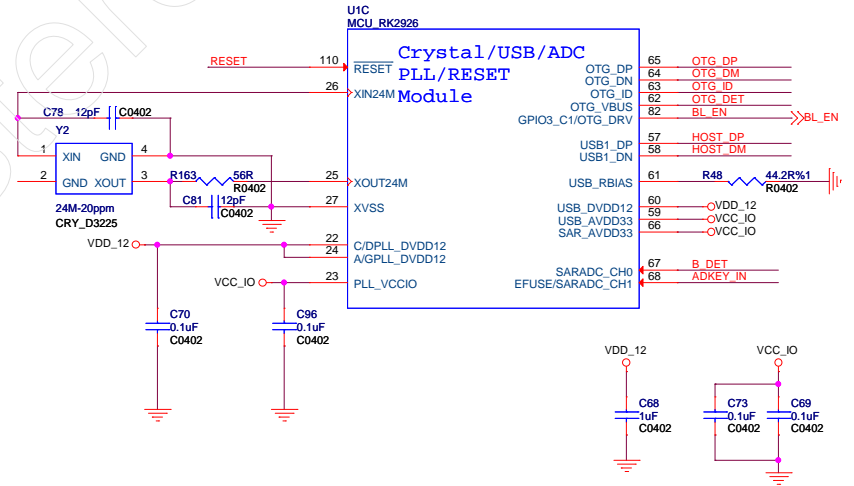




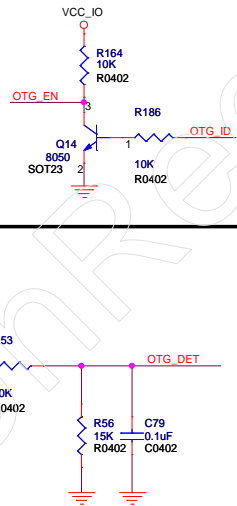
OTG POWER



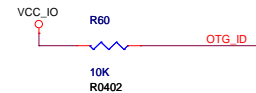
Note:  
Adjusted the load capacitance  
according to the crystal specification.



USB OTG CONNECTOR



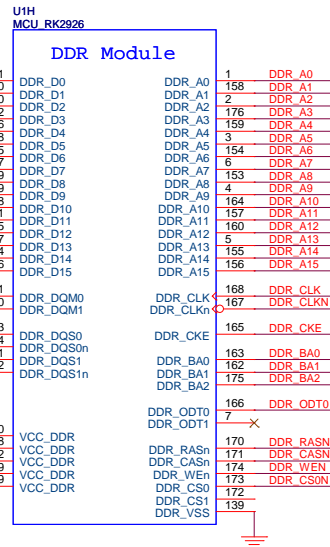
USB\_DET



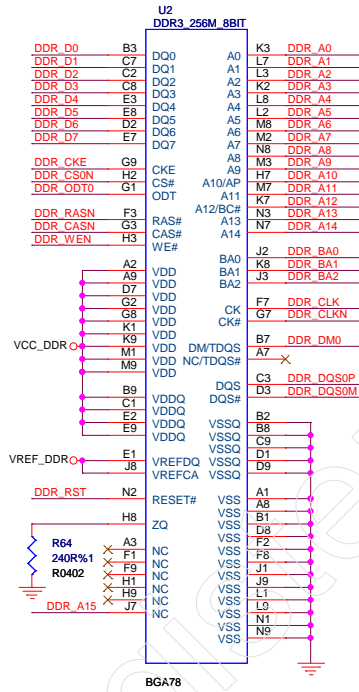
VIBRATION

RK2926-C

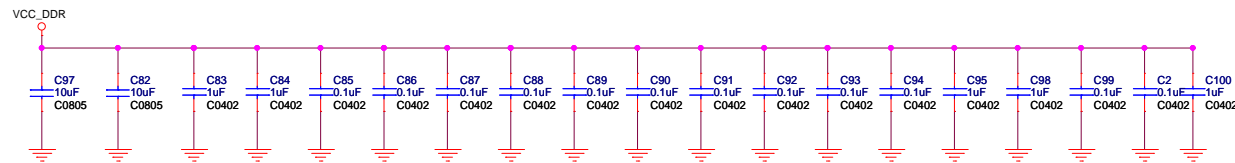
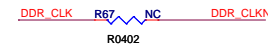
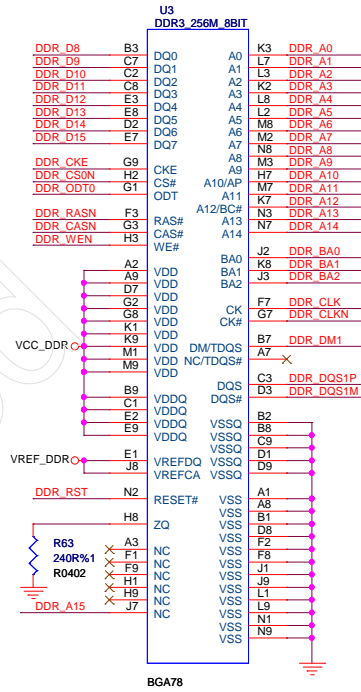
<b>Rackchip</b> 瑞芯微电子		福州瑞芯微电子有限公司	
<b>Title: USB OTG</b>			
<b>File: 86V-2926</b>			REV: 1.1
Create Date:	Tuesday, November 29, 2011	Page Num:	7
Modify Date:	Monday, May 13, 2013	Page Total:	15



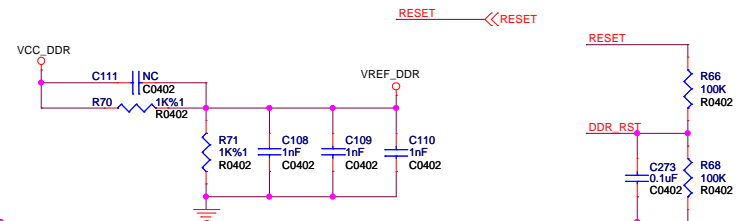
RK2926-H



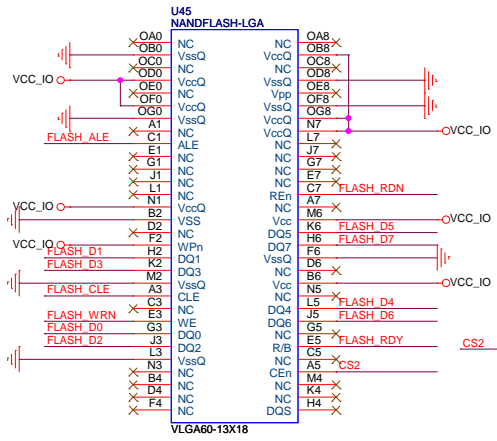
DDR3



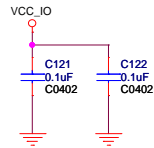
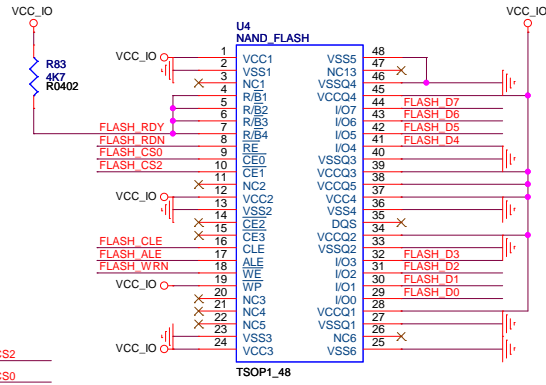
DDR FILTER



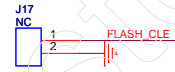
<b>Rackchip</b> 瑞芯微电子		福州瑞芯微电子有限公司	
<b>Title: DDR3</b>		REV: 1.1	
File: 86V-2926		Page Num: 8	
Create Date: Tuesday, November 09, 2010	Modify Date: Monday, May 13, 2013		Page Total: 15



RK2926-D

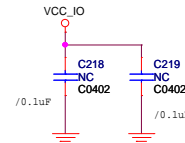
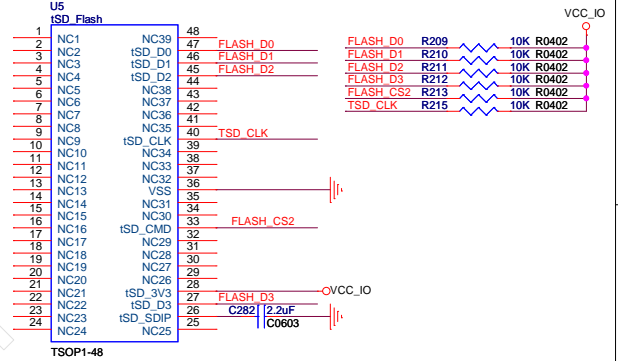


Note:  
NC or reserve a PAD.



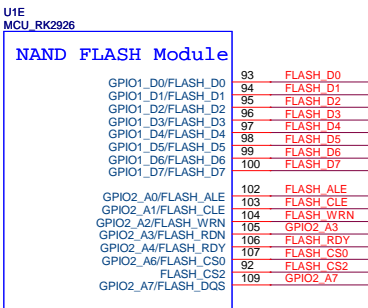
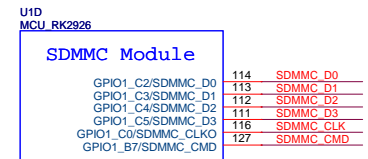
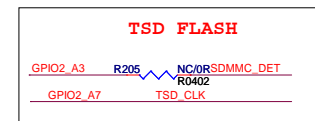
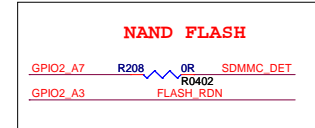
NAND FLASH

Tsd FLASH

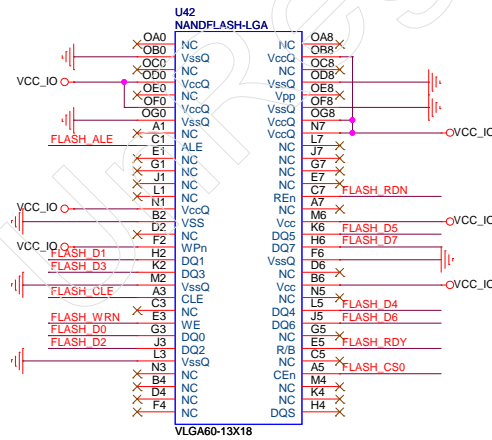


OPTION1

IF not use, pls NC all the comment

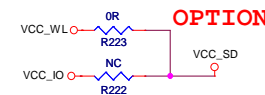
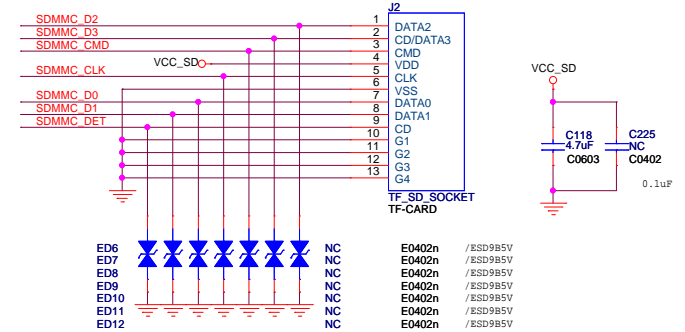


RK2926-E

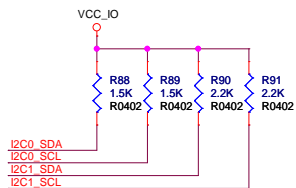


OPTION2(LGA NANDFLASH)  
IF not use, pls NC all the comment

TF CARD

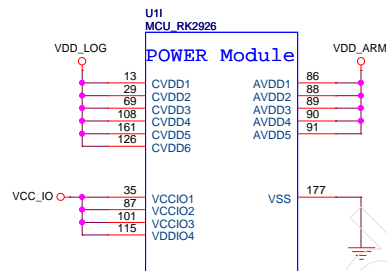
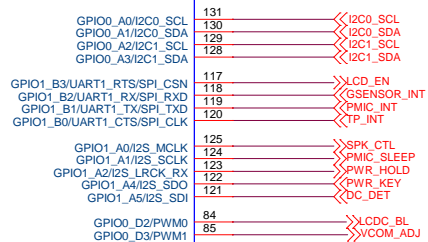


OPTION



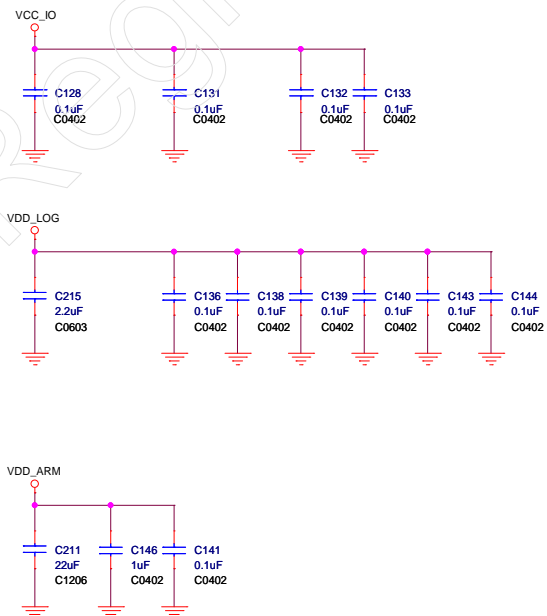
U1G  
MCU\_RK2926

**GPIO/UART/PWM  
I2C/I2S Module**



Note:  
Place these filter capacitors under CPU.

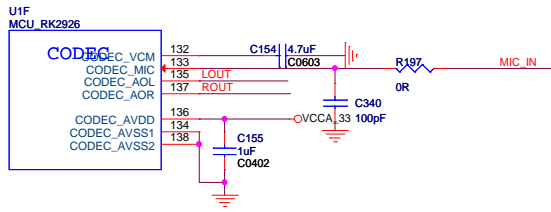
**RK2926-I**



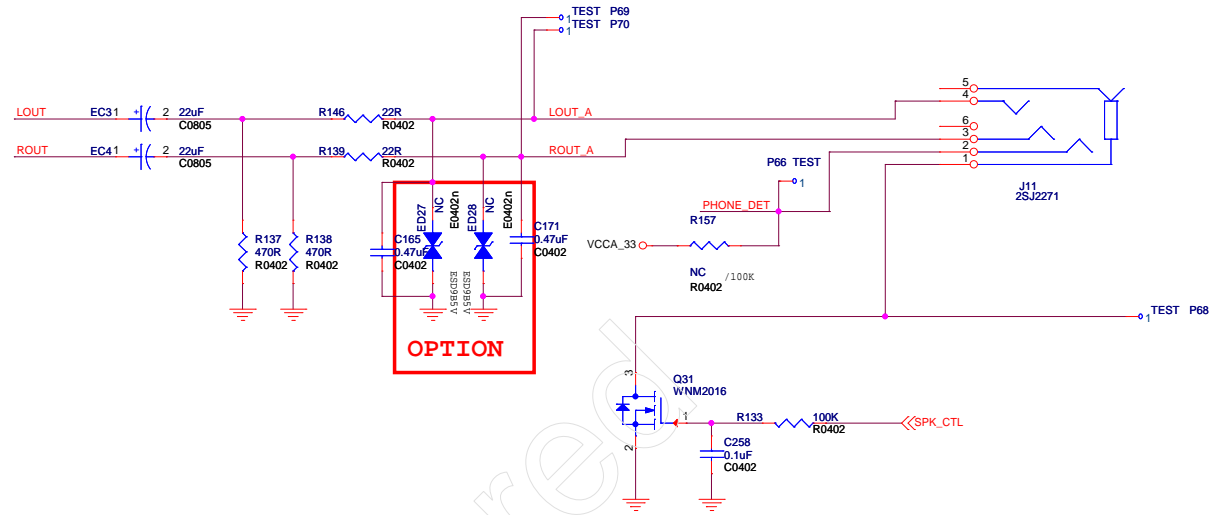
RK2926-G

**RK2928 CORE POWER FILTER**

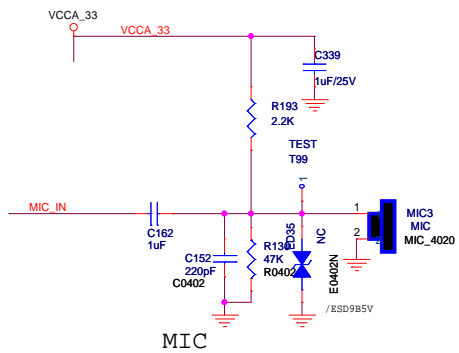
<b>Rackchip</b> 瑞芯微电子		福州瑞芯微电子有限公司	
<b>Title: GPIO/POWER</b>			
<b>File: 86V-2926</b>		REV: 1.1	
Create Date: Monday, October 18, 2010	Page Num: 10		
Modify Date: Monday, May 13, 2013	Page Total: 15		



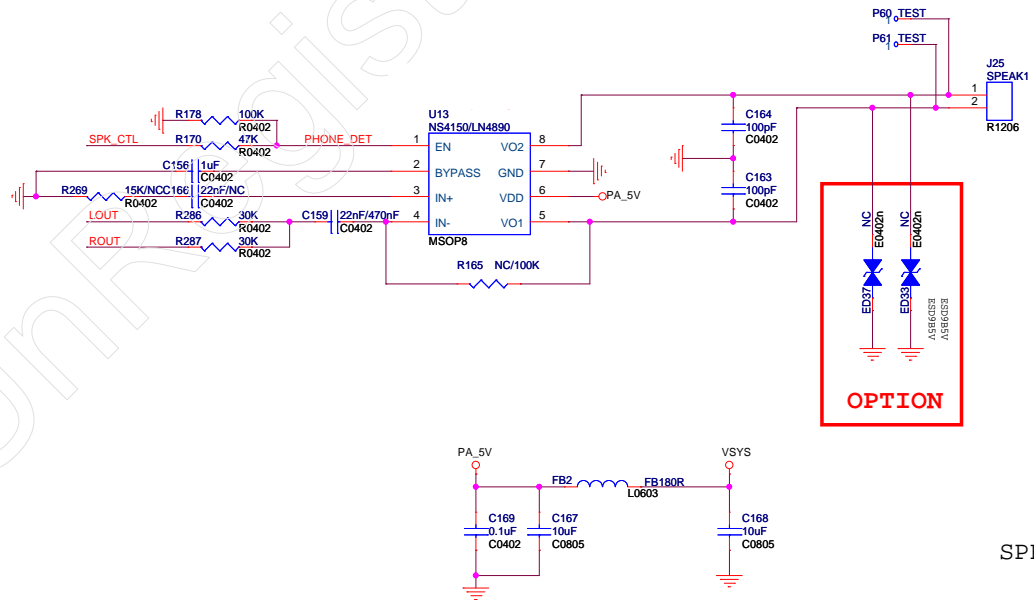
RK2926-F



HEADPHONE

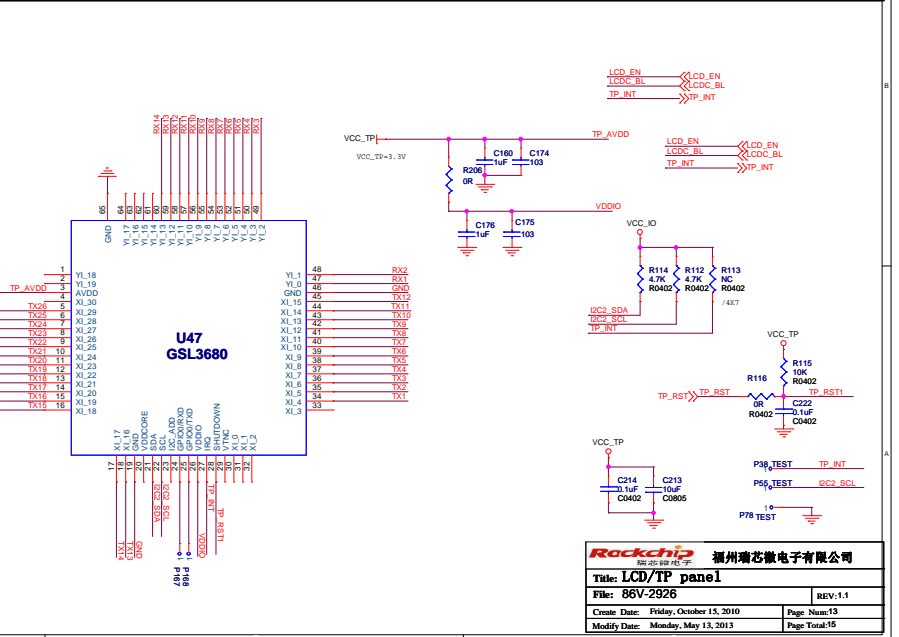
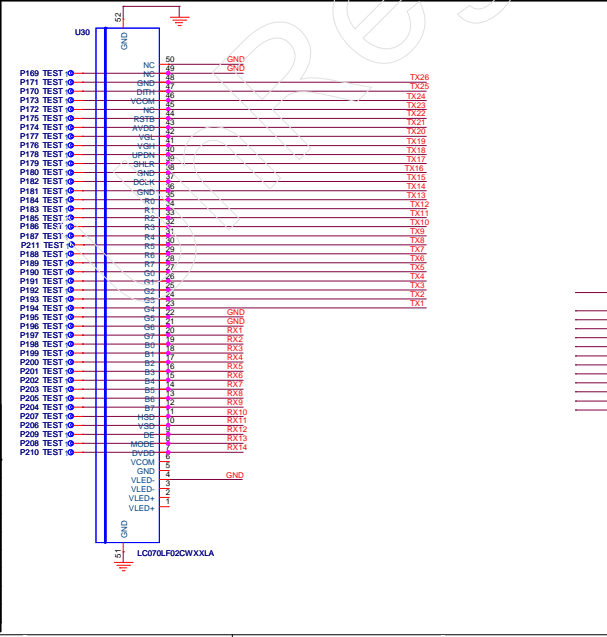
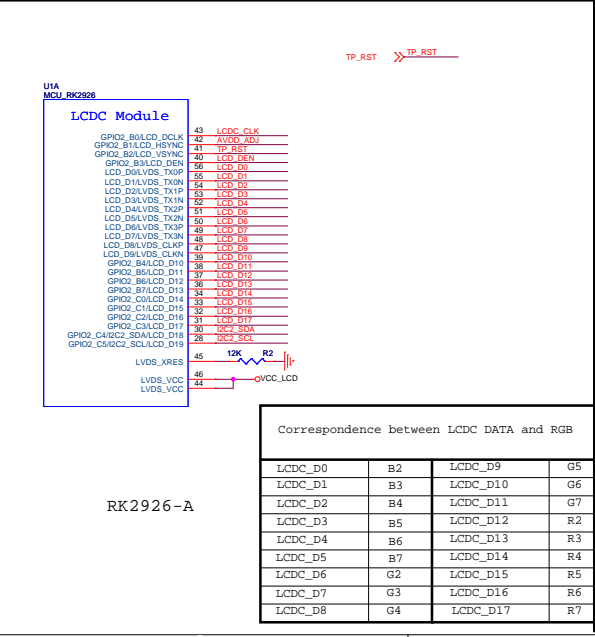
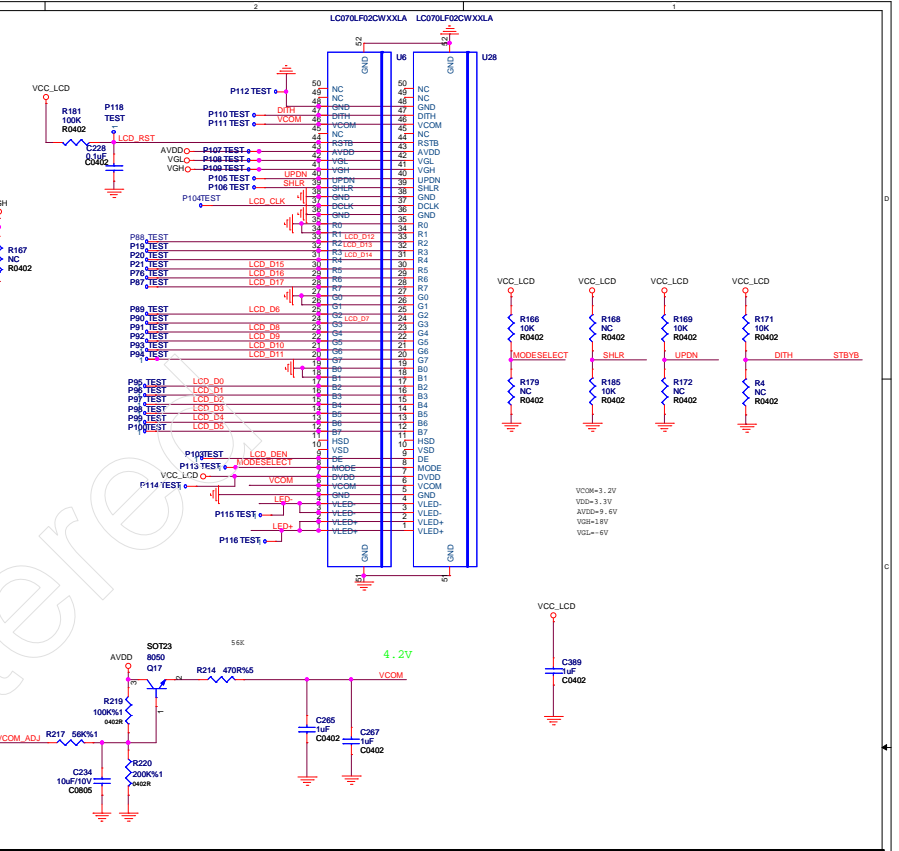
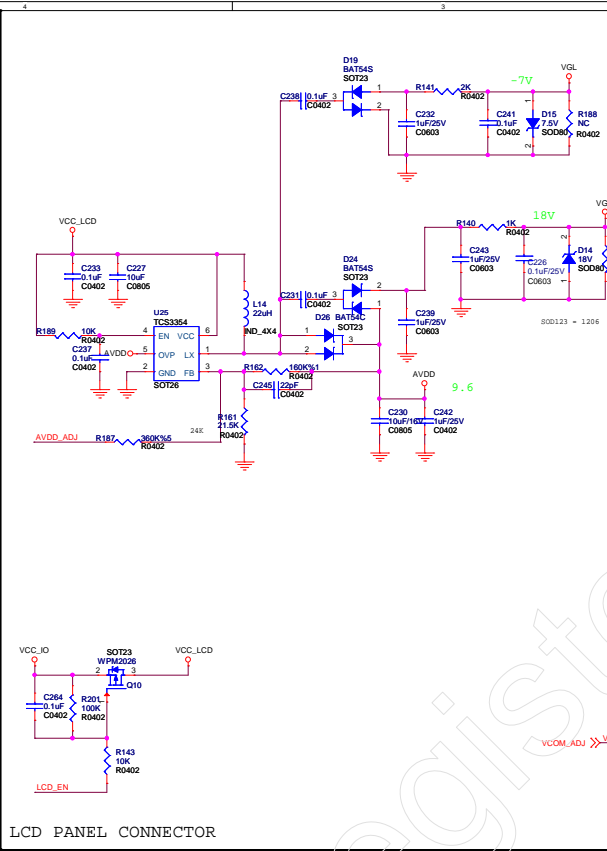
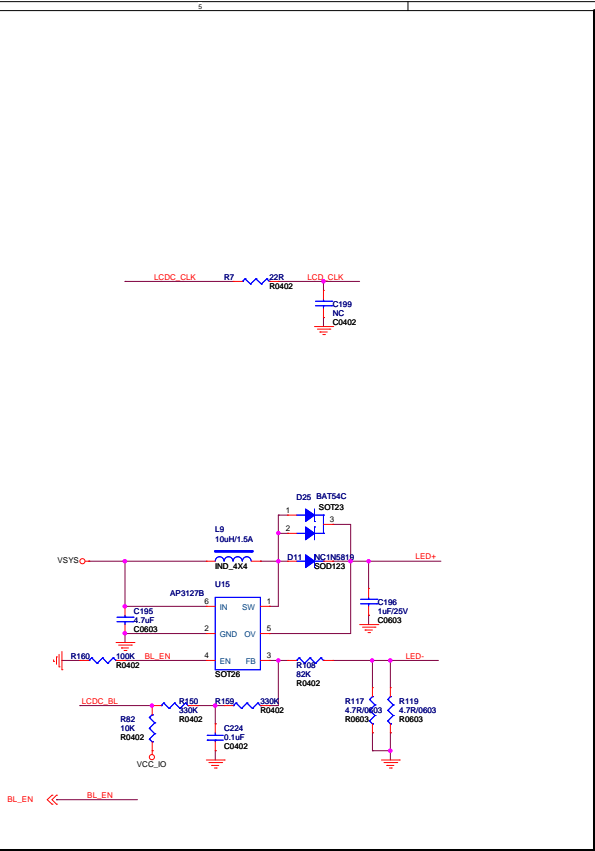


MIC



SPEAKER DRIVER

<b>Rackchip</b> 瑞芯微电子		福州瑞芯微电子有限公司	
<b>Title: AUDIO</b>			
<b>File: A710_RK2928L_1CELL_V10</b>		REV: 1.1	
<b>Create Date: Friday, May 04, 2012</b>	<b>Page Num: 11</b>		
<b>Modify Date: Monday, May 13, 2013</b>	<b>Page Total: 15</b>		

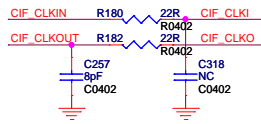




U1B  
MCU\_RK2926

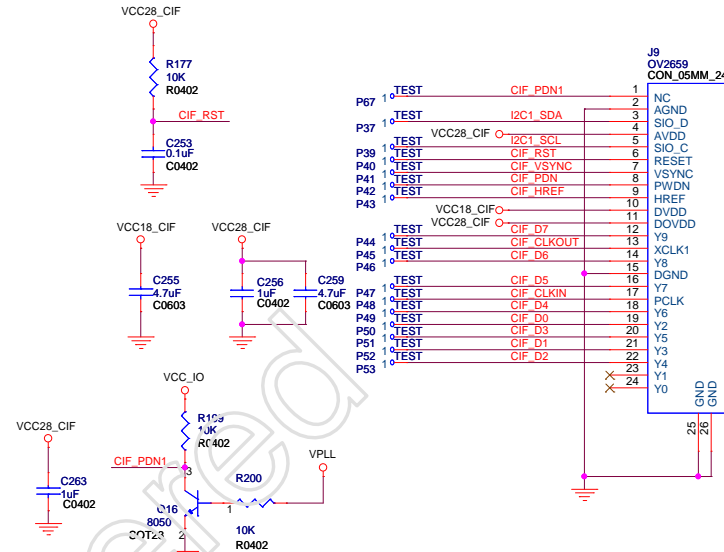
VIP Module

CIF_D0	70	CIF D0
CIF_D1	71	CIF D1
CIF_D2	72	CIF D2
CIF_D3	73	CIF D3
CIF_D4	74	CIF D4
CIF_D5	75	CIF D5
CIF_D6	76	CIF D6
CIF_D7	77	CIF D7
CIF_D7	78	CIF VSYNC
CIF_VSYNC	78	CIF VSYNC
CIF_HREF	79	CIF HREF
CIF_HREF	83	CIF PDN
GPIO3_B3/CIF_PDN	80	CIF CLKI
CIF_CLKI	81	CIF CLKO



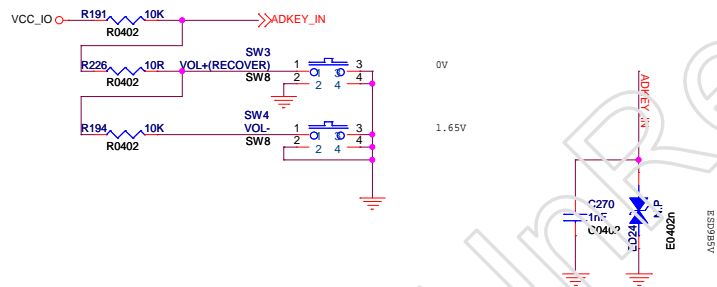
RK2926-B

I2C1\_SCL << I2C1\_SCL  
I2C1\_SDA << I2C1\_SDA



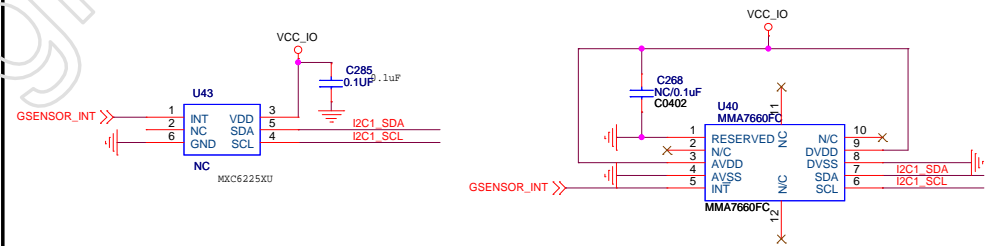
FRONT&REAR CAMERA

KEY BAORD

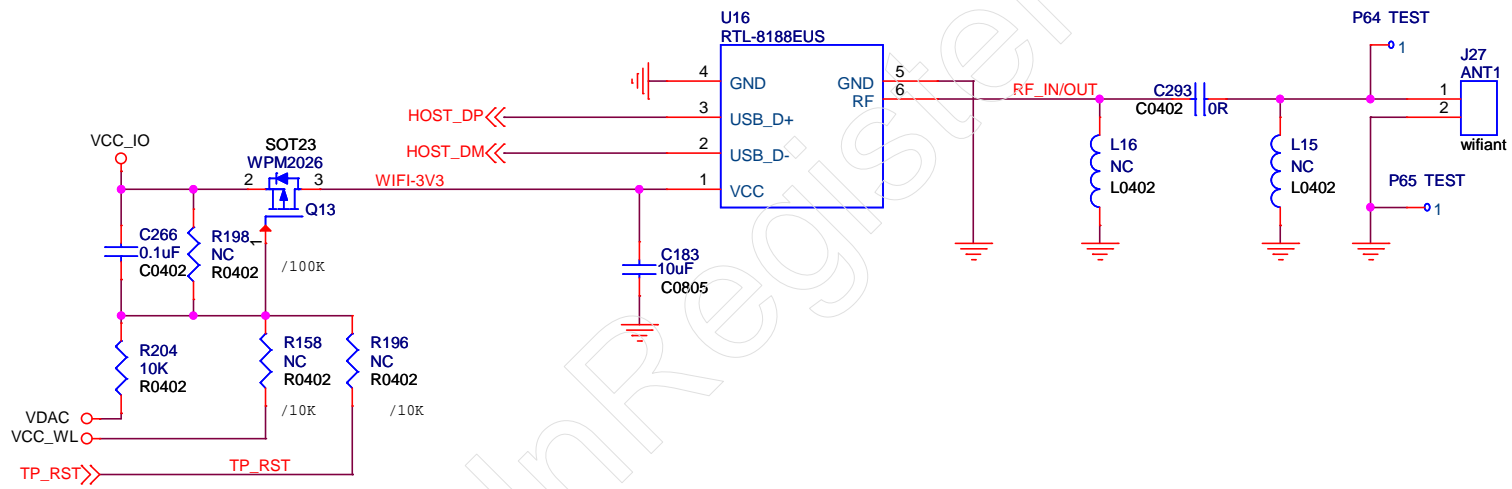


When the system power on, the Adkey\_in level is 0V,  
RK2928 enter into loader mode.

3D G-Sensor

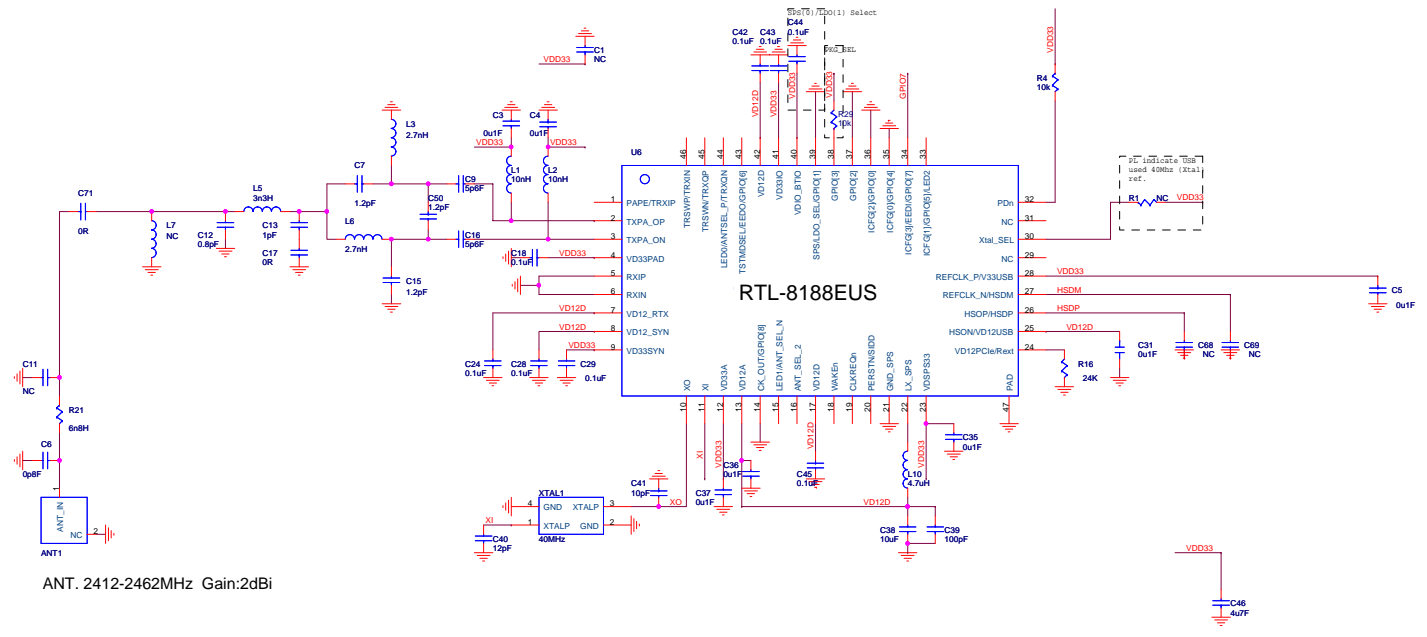


Note:  
The first pin of G-sensor must be  
place on the lower left corner of PCB.



 福州瑞芯微电子有限公司 瑞芯微电子	
Title: USB WIFI	
File:	REV: 1.1
Create Date: Friday, May 04, 2012	Page Num: 15
Modify Date: Monday, May 13, 2013	Page Total: 15

UD88E00-1V0	Initial	20120117
UD88E00-1V0	delete R3, R10, R11, R32, R40	20120210
UD88E00-1V0	add C30, C31	
UD88E00-1V0	update ZNF matching value, L5, C1	20120325



ANT. 2412-2462MHz Gain:2dB

Title		
UD88E00-1V0		
Size	Document Number	Rev
Custom-Doc-		1V0
Date:	Thursday, April 05, 2012	Sheet 1 of 1