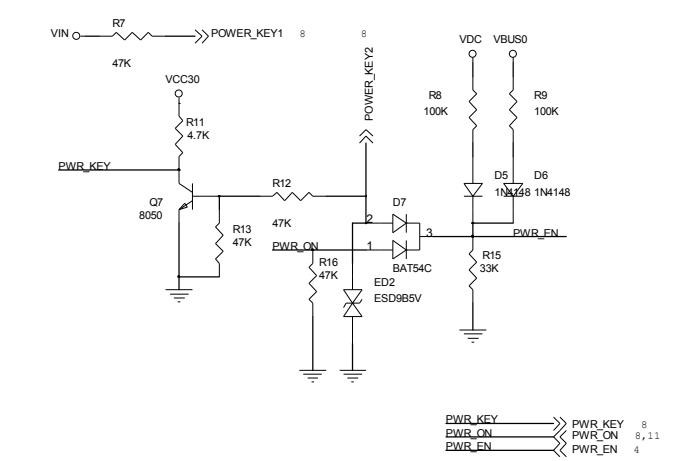
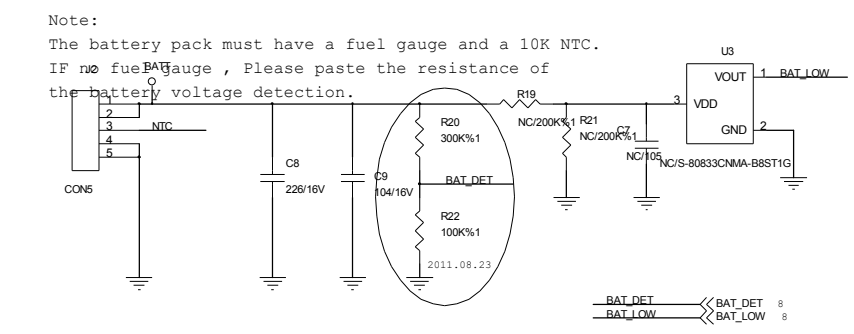


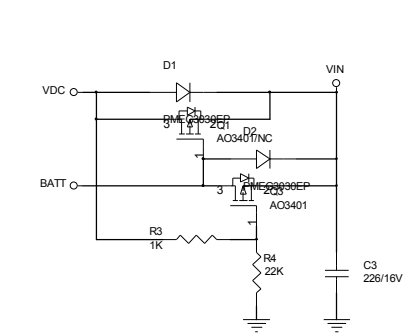
DC IN



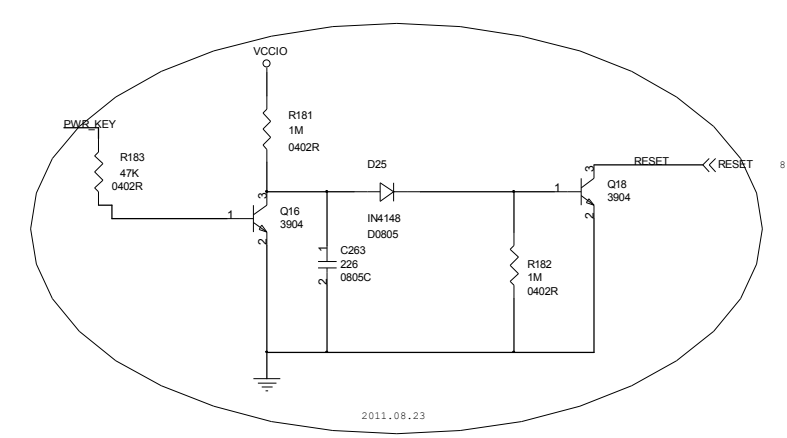
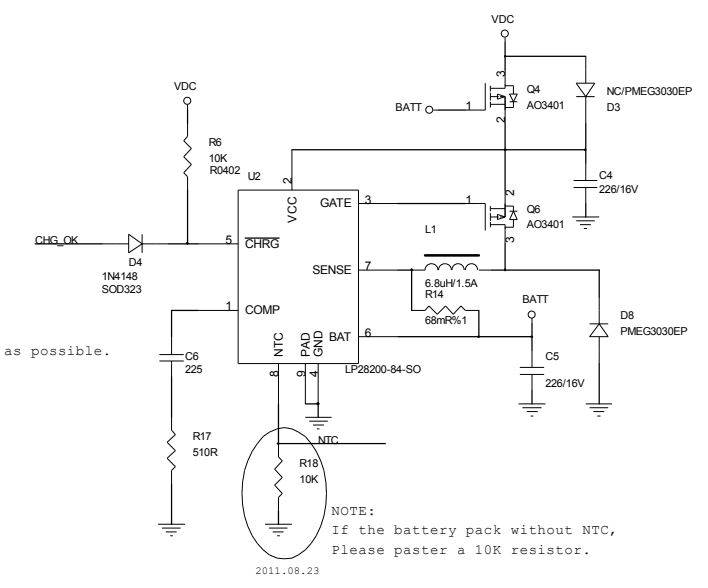
POWER CONTROL



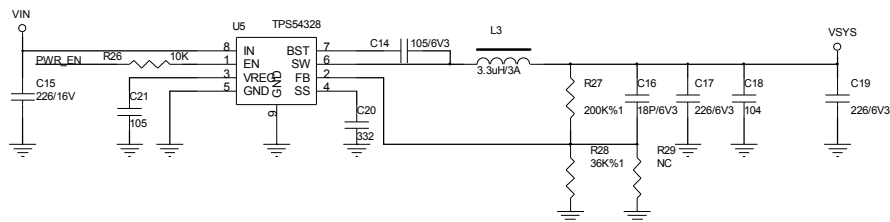
BATTER DET



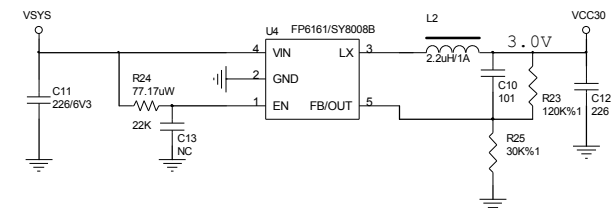
CHARG



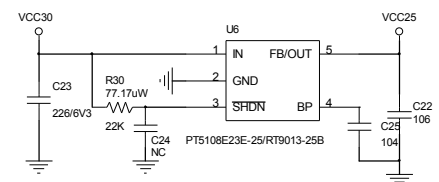
福州瑞芯微电子有限公司			
Title:	RK2918_REF 10		
File:	AC/CHARG	Page Num:	3
Create Date:	Thursday, September 01, 2011	Page Total:	12



SYSTEM IO POWER



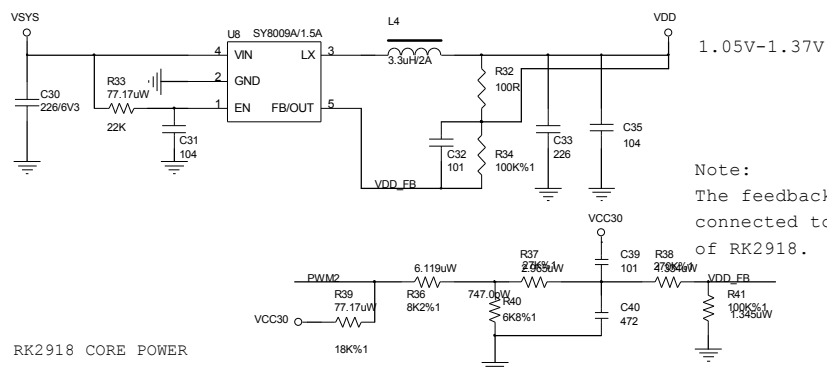
PLL IO POWER



Note: According to actual needs, select one of the circuits.

SYSTEM POWER

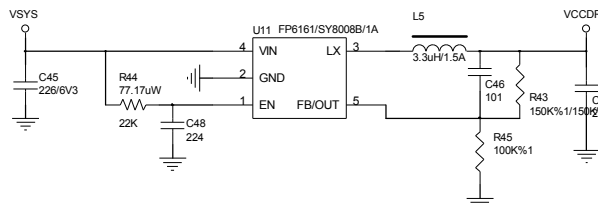
Note: Please use a 1.5A or above power supply IC.



Note:
The feedback trace must be
connected to the power pin
of RK2918.

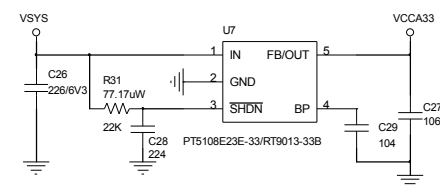
RK2918 CORE POWER

NOTE: Please use a 1A or above power supply IC..

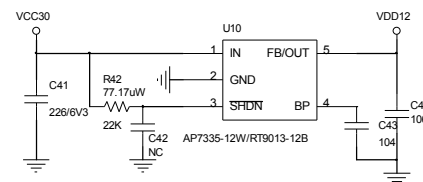


Note: If use DDR3, please adjust the voltage of VCCDR to 1.5V.

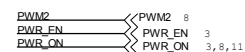
DDR2&DDR3 POWER



ANALOG POWER



PLL CORE POWER



SYSTEM POWER

福州瑞芯微电子有限公司

Title: RK2918 REF 10

File: SYSTEM POWER

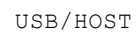
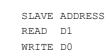
REV: 1.0

Create Date:

Page Num: 4

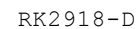
Modify Date: Wednesday, August 31, 2011

Page Total: 12

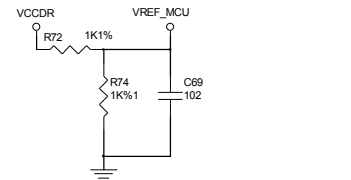
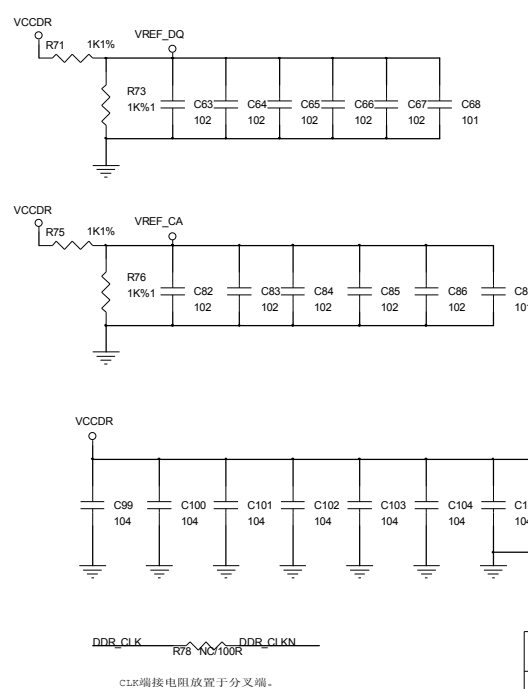
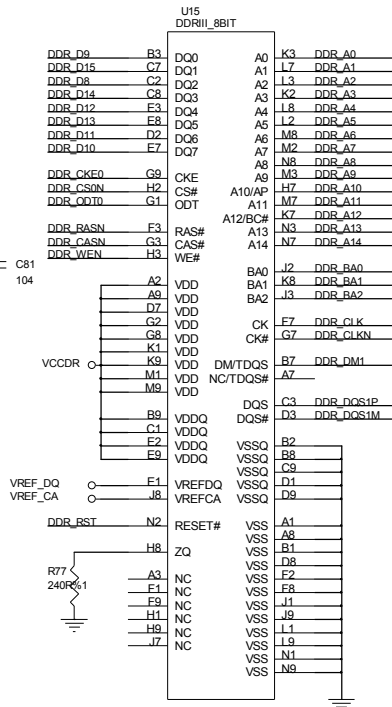
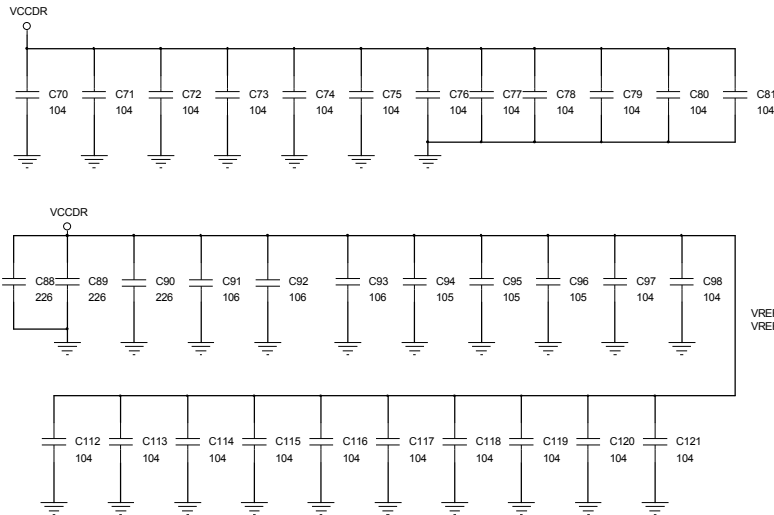


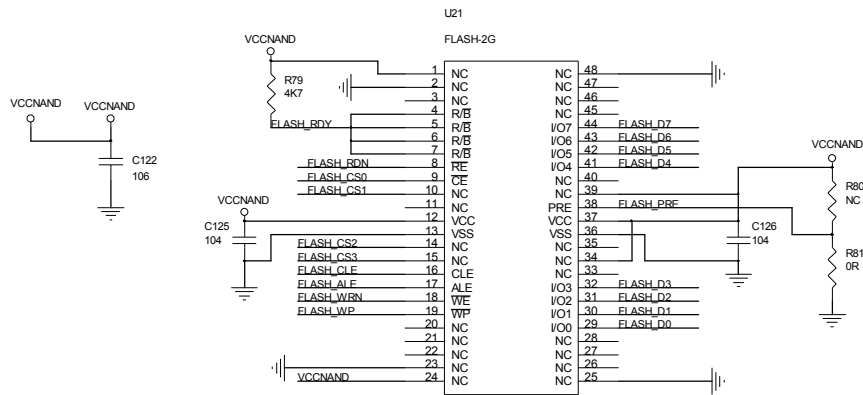
复位阀门电压：2.7V

RESET

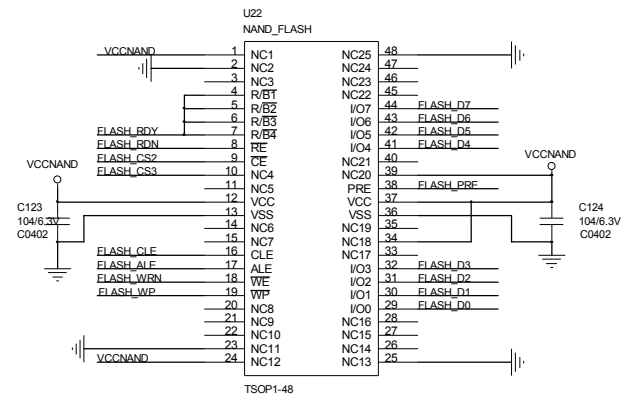


福州瑞芯微电子有限公司		
Title:	RK2918 REF 10	
File:	USB_HOST/RTC/VIB	REV: 1.0
Create Date:	Page Num:	5
Modify Date: Wednesday, August 31, 2011	Page Total:	12



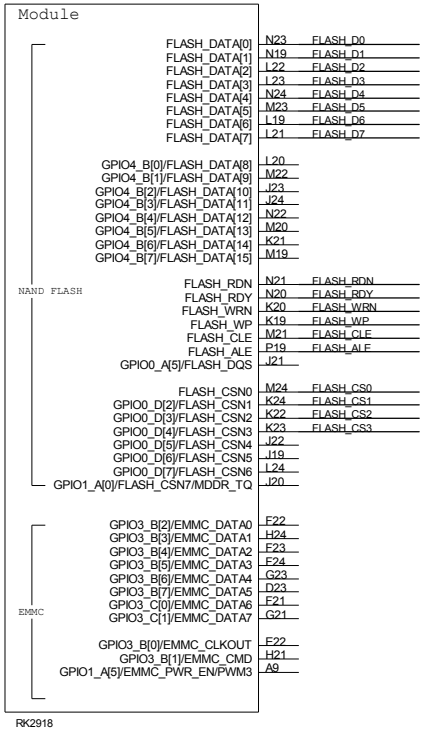


THE 1st FLASH



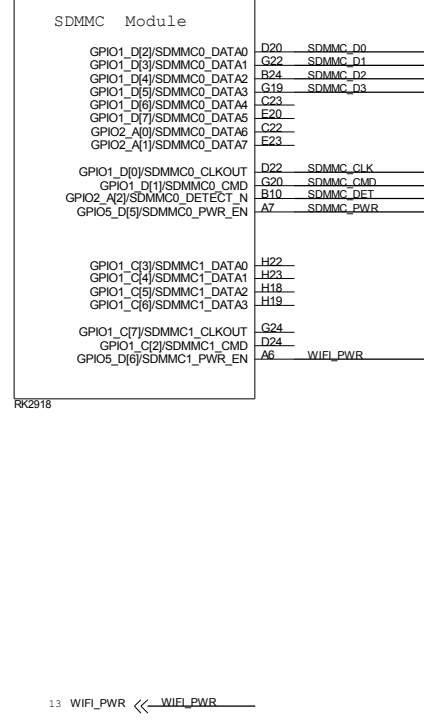
THE 2nd FLASH (OPTION)

U21 NAND FLASH/EMMC

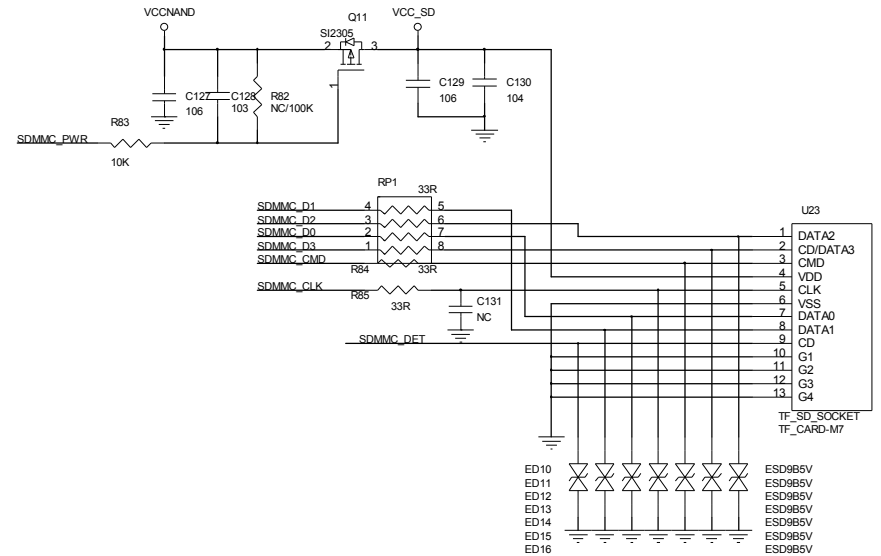


RK2918-E

U1-F

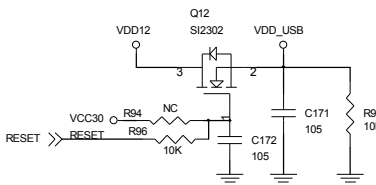
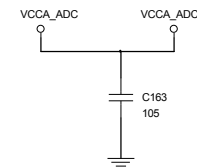
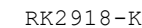
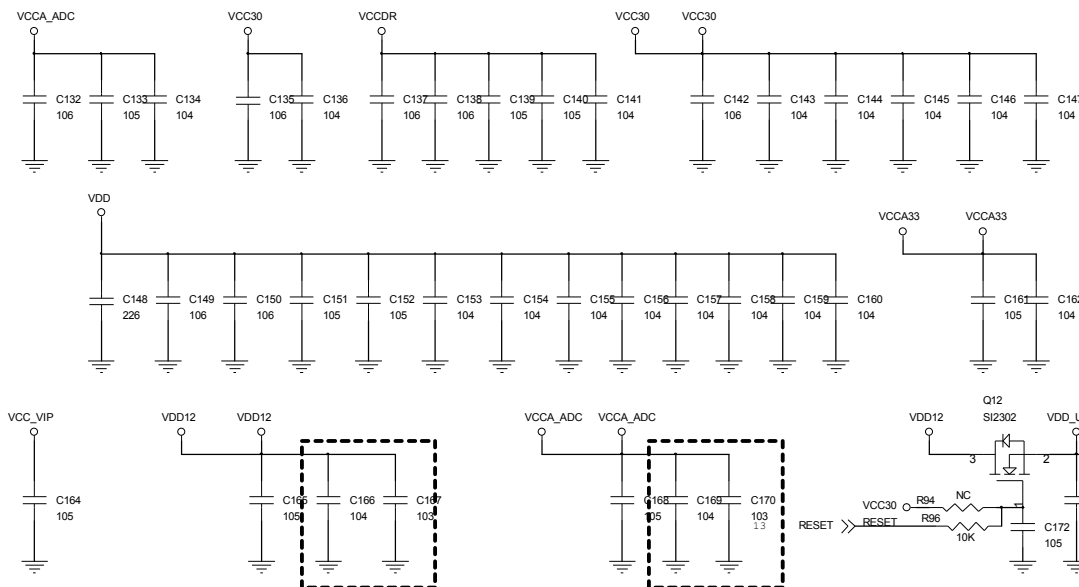
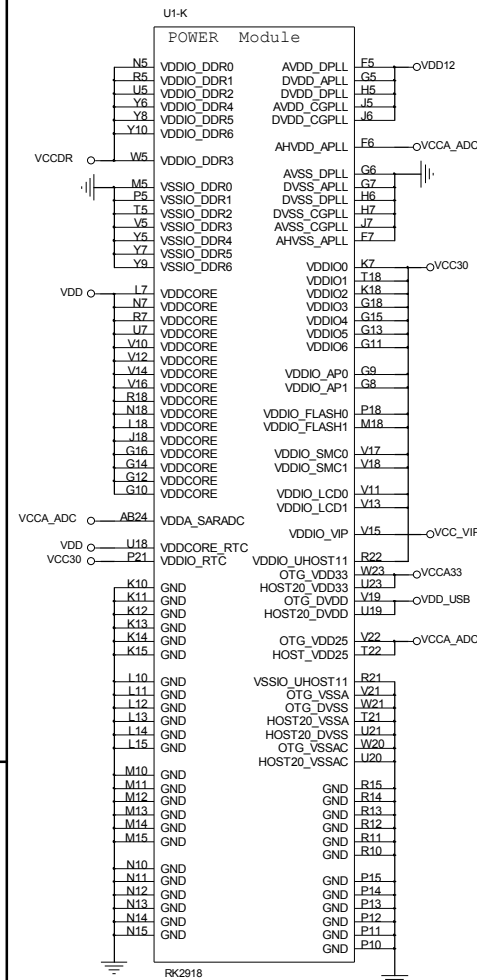
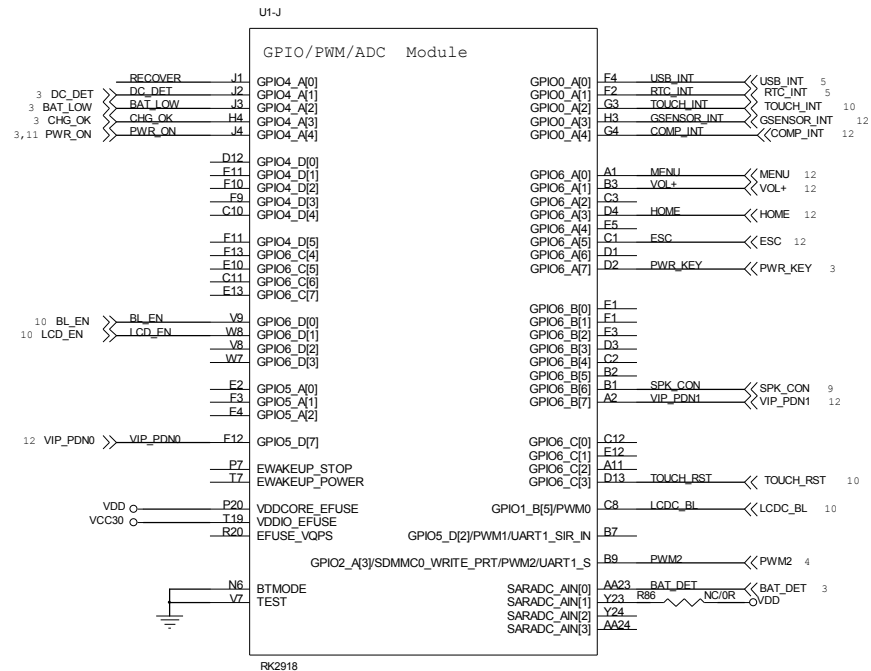
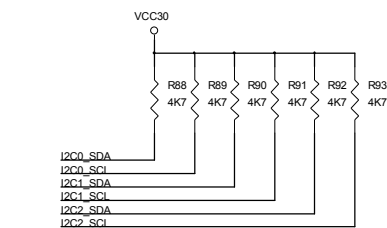
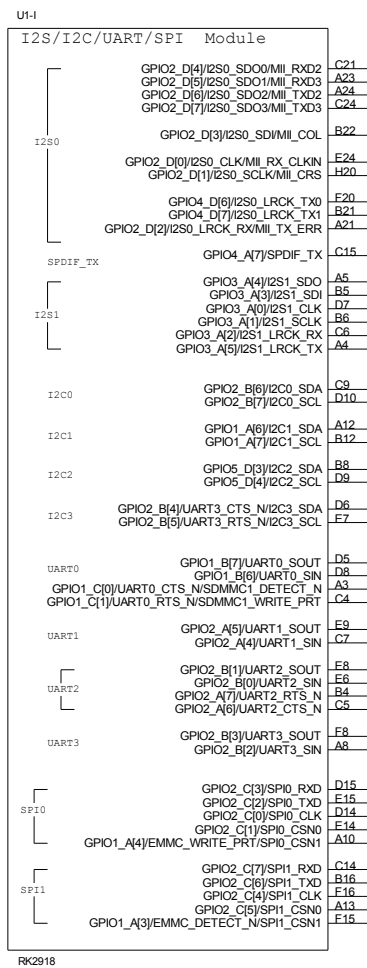


RK2918-F



SD CARD

福州瑞芯微电子股份有限公司	
Title:	RK2918_REF 10
File:	MEMORY
Create Date:	Wednesday, August 31, 2011
Modify Date:	Wednesday, August 31, 2011
Page Num:	7
Page Total:	12



RK2918-I

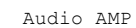
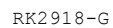
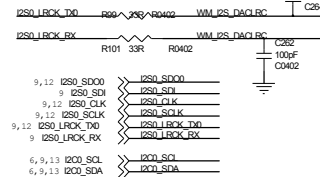
RK2918 FILTER

Note: Please play these components as close to power pin of RK2918 as possible.

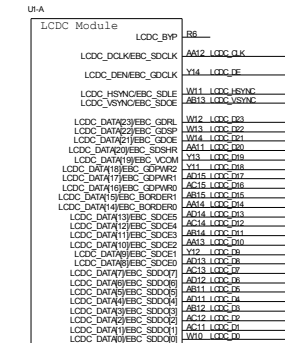
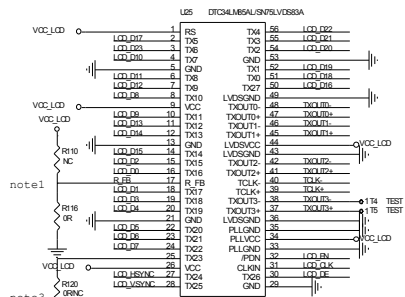
Note: The V_{gs} of NMOS must be less than 1.5V.

福州锦芯微电子有限公司		
Title: RK2918_REF_10		
File: GPIO	REV: 1.0	
Create Date:	Page Num:	8
Modify Date: Wednesday, August 31, 2011	Page Total:	12

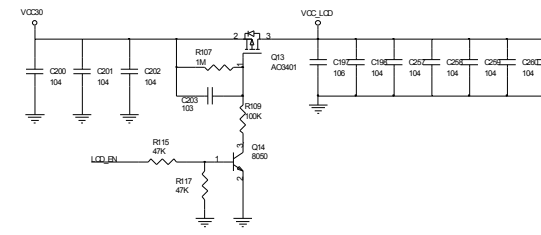
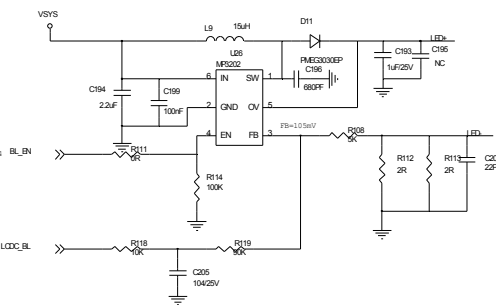
Title: RK2918 REF 10	
File: GPIO	REV: 1.0
Create Date:	Page Num: 8
Modify Date: Wednesday, August 31, 2011	Page Total: 12



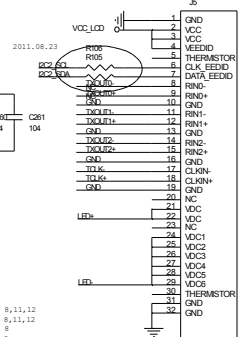
福州瑞芯微电子有限公司		
Title:	RK2918 REF 10	
File:	AUDIO	REV: 1.0
Create Date:		Page Num: 9
Modify Date:	Wednesday, August 31, 2011	Page Total: 12



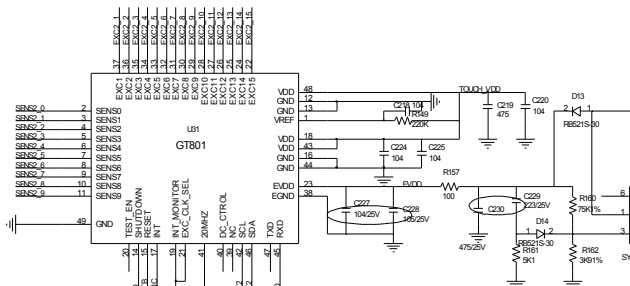
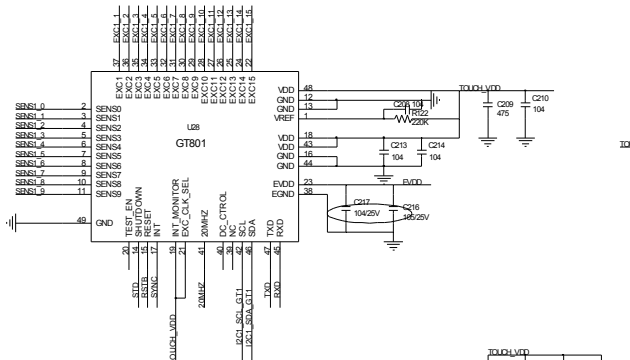
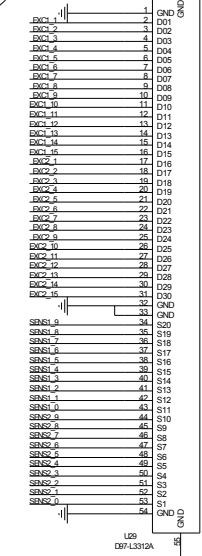
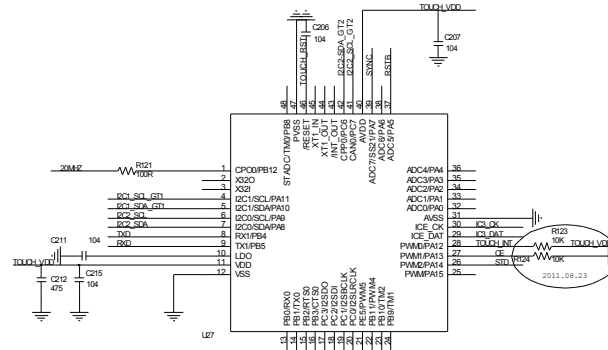
NOTE: Please play this resistor close to node!



LCD CONNECTOR



Touch Panel



RK2918-A