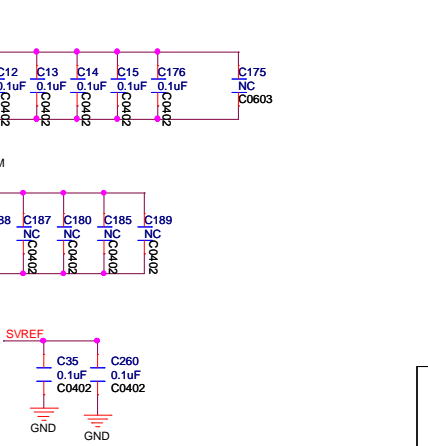
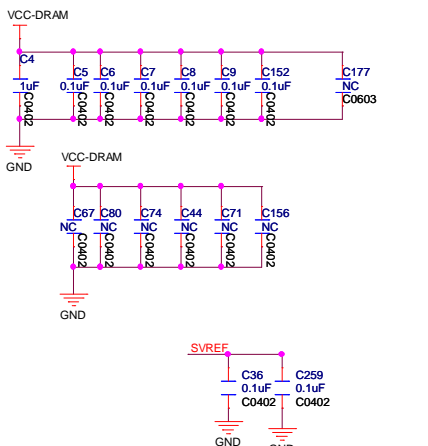
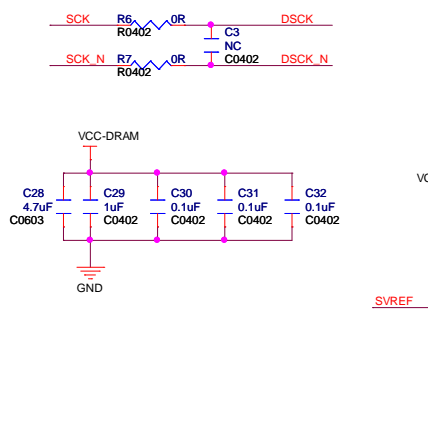
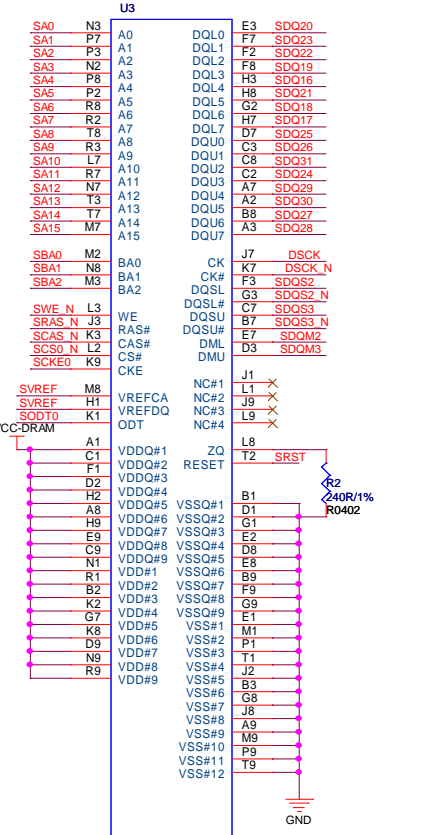
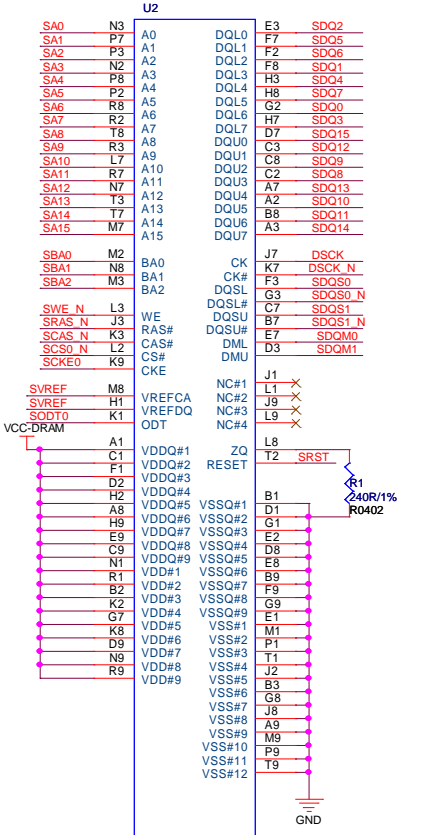
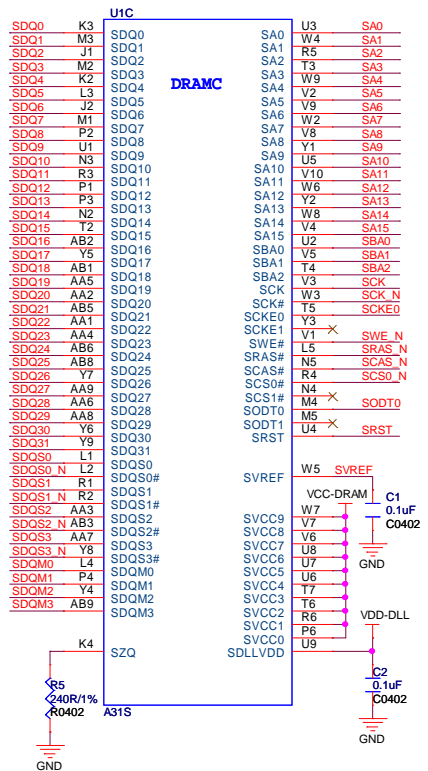


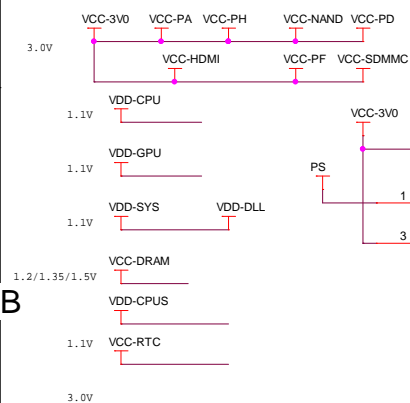
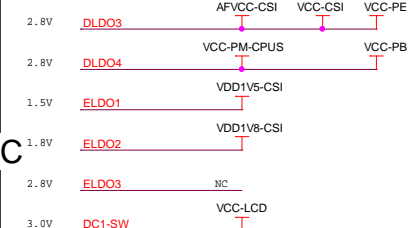
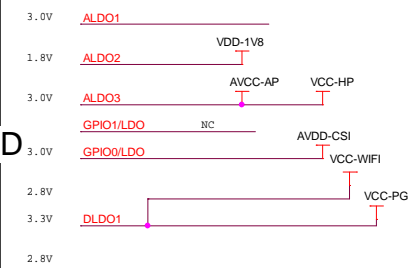
DDR3 16x2

1.5/1.35
DDR3/DDR3L

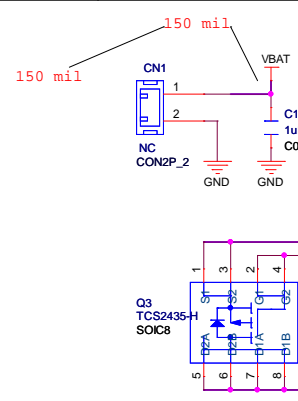
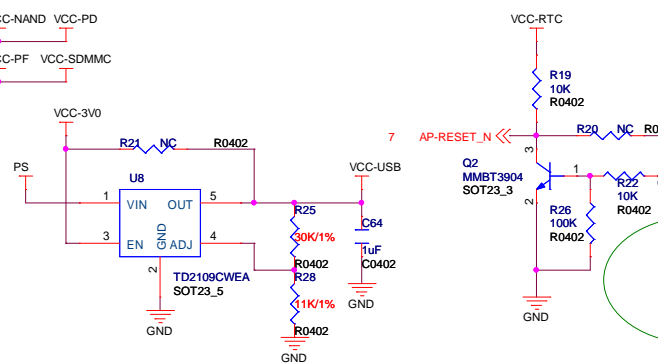
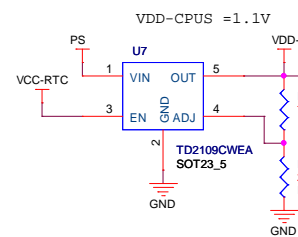
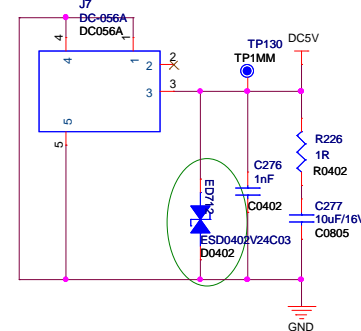


Design Name			
Q971_PAD_2X16BIT_DDR3			
Size	Page Name	Rev	
A3	DDR3 16x2	1.0	
Date:	Thursday, September 26, 2013	Sheet	5 of 16

5

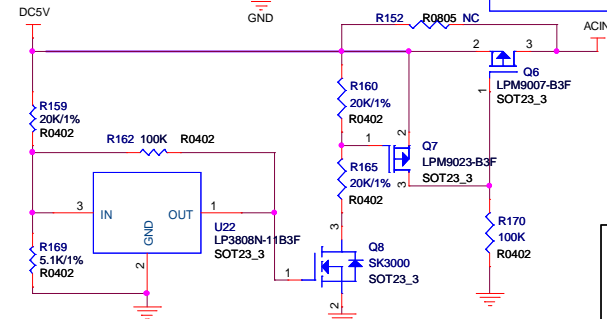
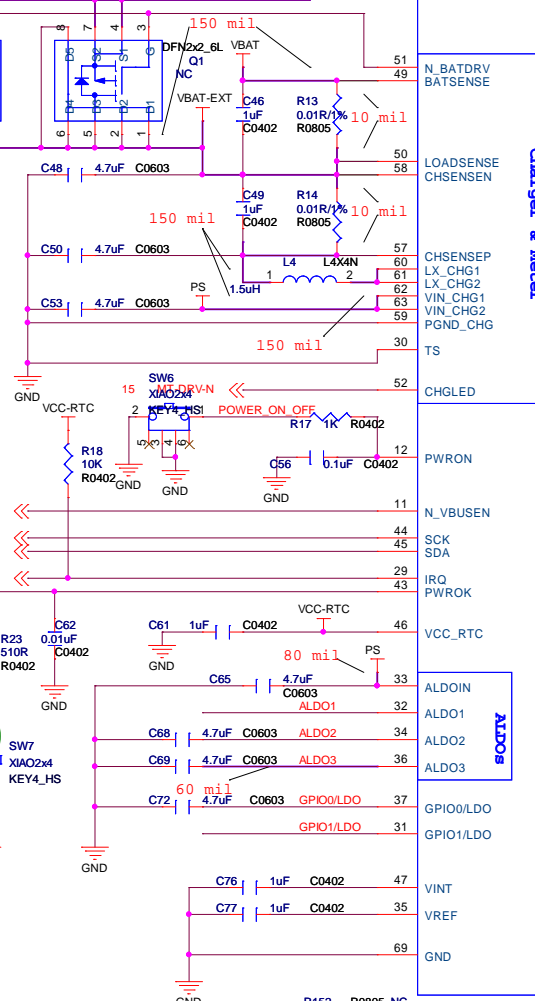


Name	Default Voltage	Maximum Current	Comment	Name	Default Voltage	Maximum Current	Comment
DCDC1	3.0V	1A	For GPIO Default ON	DLDO1	0V	400mA	Default OFF
DCDC2	1.1V	2A	For GPU Default ON	DLDO2	0V	200mA	Default OFF
DCDC3	1.1V	2A	For CPU Default ON	DLDO3	0V	200mA	Default OFF
DCDC4	1.1V	600mA	For System Default ON	DLDO4	0V	100mA	Default OFF
DCDC5	1.2V	2A	For DRAM Default ON	ELDO1	0V	400mA	Default OFF
ALDO1	0V	300mA	Default OFF	ELDO2	0V	200mA	Default OFF
ALDO2	1.8V	300mA	For 1.8V IO/LPDDR2 Default ON	ELDO3	0V	200mA	Default OFF
ALDO3	3V	200mA	For SOC Analog Default ON	DC5LDO	1.1V	200mA	For CPUS, From DC/DC5 Default ON
GPIO0	0V	100mA	Default OFF	DC1SW	3.0V	0.1ohm	For LCD, From DC/DC1 Default OFF
GPIO1	0V	100mA	Default OFF	RTC-VCC	3V	30mA	For RTC Always On



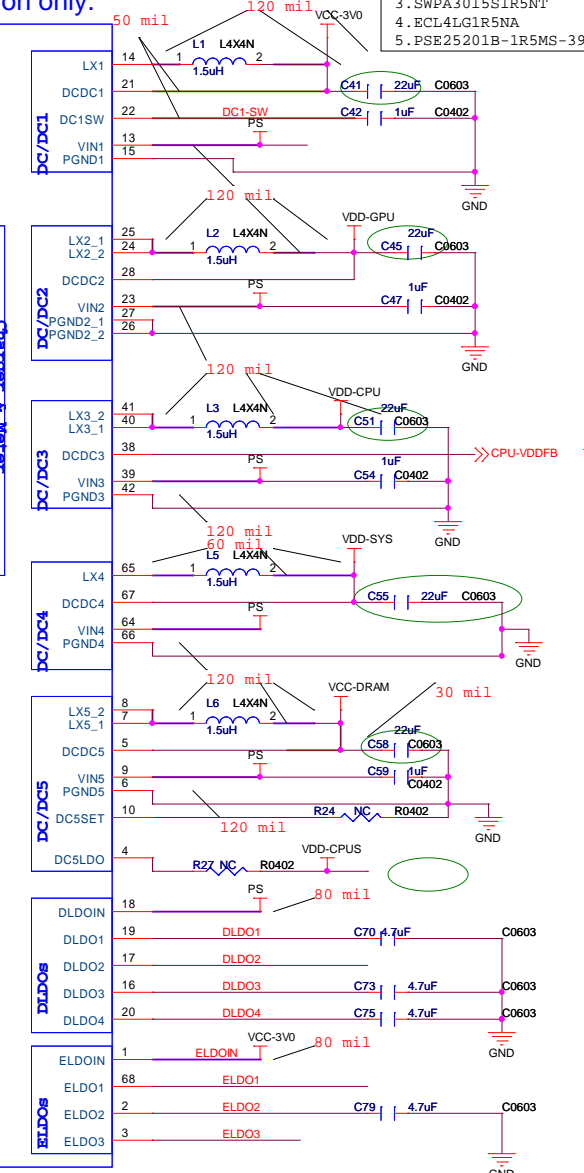
3 2

Generated by Foxit PDF Creator © Foxit Software
http://www.foxitsoftware.com For evaluation only.



1 Inductor option:

1. SPH40401R5METG
2. SWPA4018S1R5NT
3. SWPA3015S1R5NT
4. ECL4LG1R5NA
5. PSE25201B-1R5MS-39

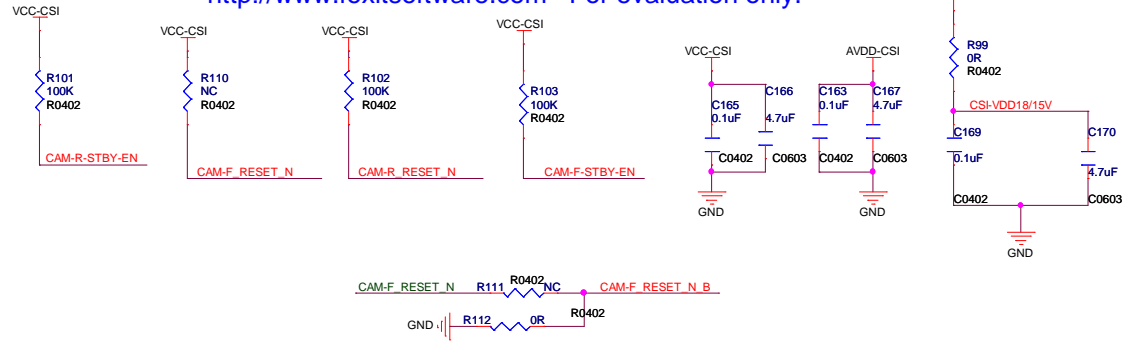
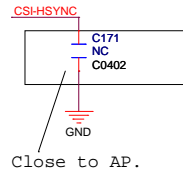
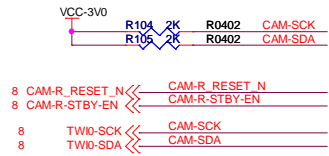
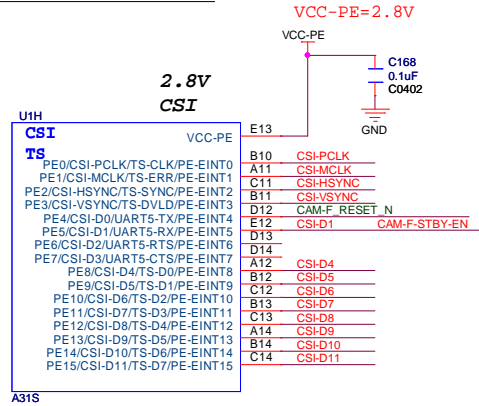


	Design Name			
	Q71_PAD_4X8BIT_DDR3			
	Size	Page Name	Rev	
	A3	PMU	1.0	
Date:	Thursday, September 26, 2013	Sheet	6	of 16



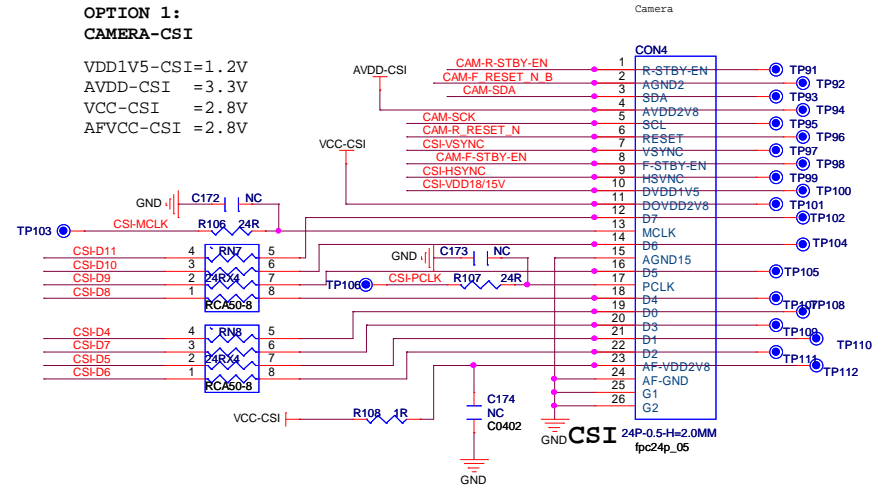
Design Name			
Q71_PAD_4X8BIT_DDR3			
Size: 0	Page Name	Rev	
Custom	DISP-CTP		
Date:	Thursday, September 26, 2013	Sheet	9 of 16

CAMERA

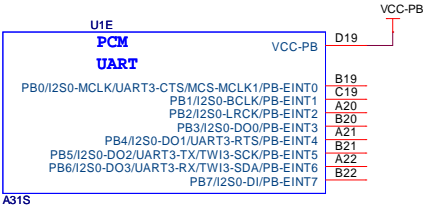


OPTION 1: CAMERA-CSI

VDD1V5-CSI=1.2V
AVDD-CSI =3.3V
VCC-CSI =2.8V
AFVCC-CSI =2.8V



MODEM



5

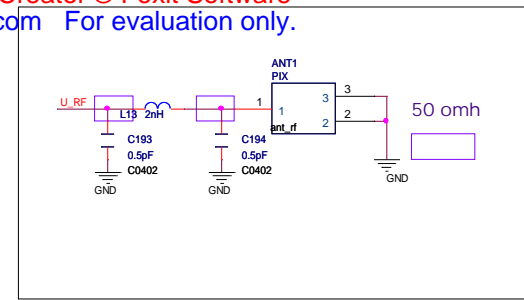
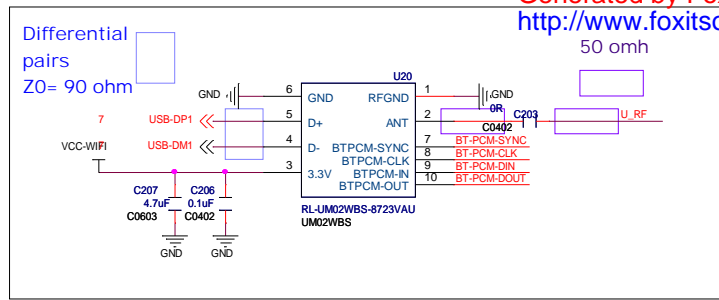
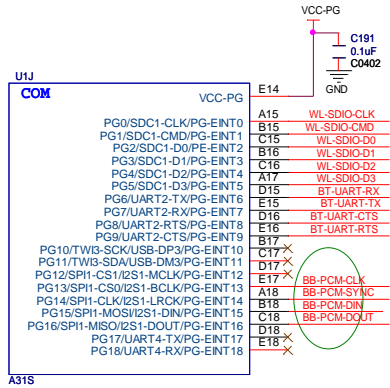
4

3

2

1

WIFI-BT-GPS-FM

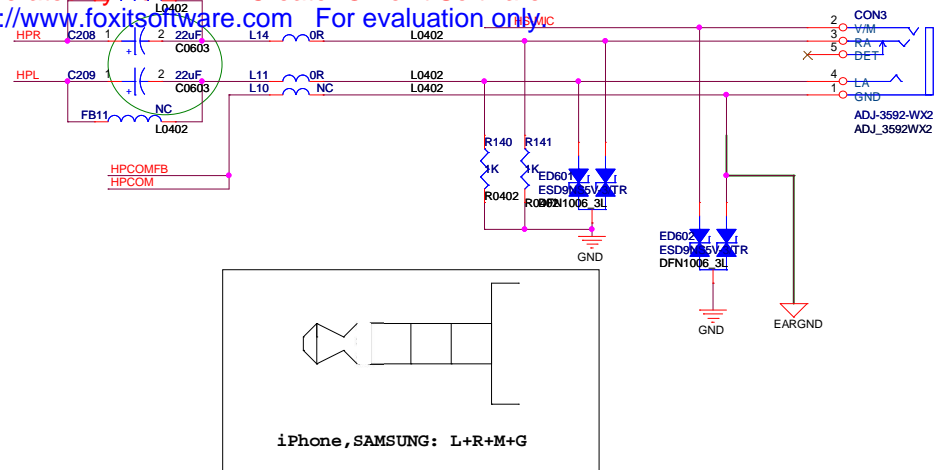
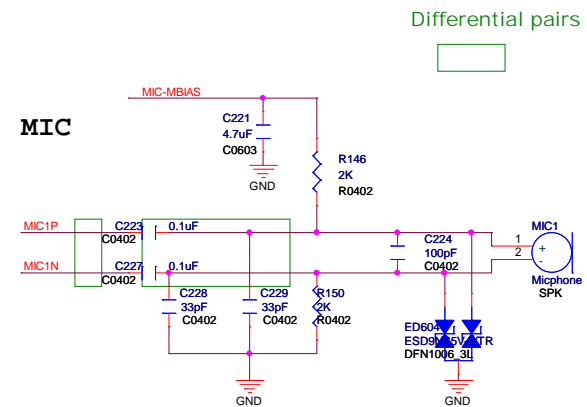
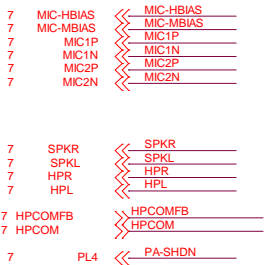
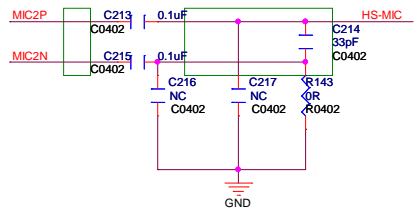


Design Name			
Q71_PAD_4X8BIT_DDR3			
Size	Page Name	1.0	Rev
Custm	WIFI-BT-GPS-FM		
Date:	Thursday, September 26, 2013	Sheet 12 of 16	

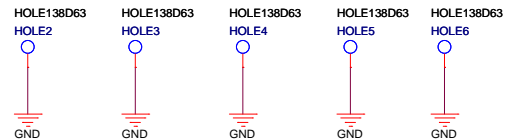
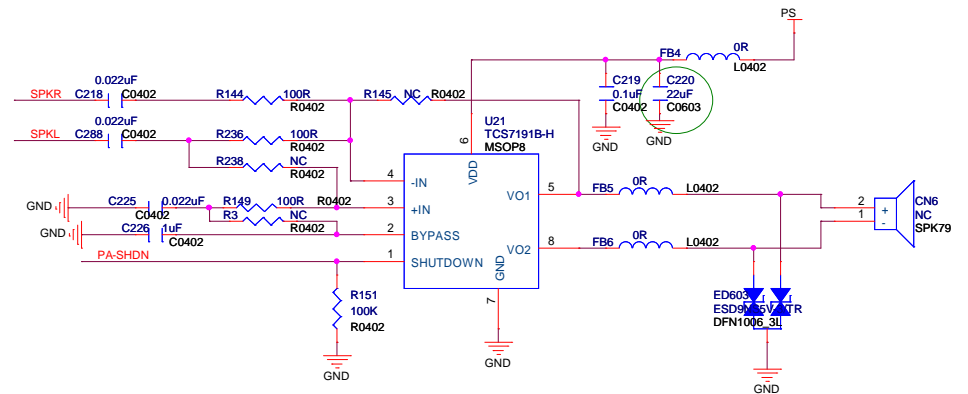
AUDIO IN/OUT



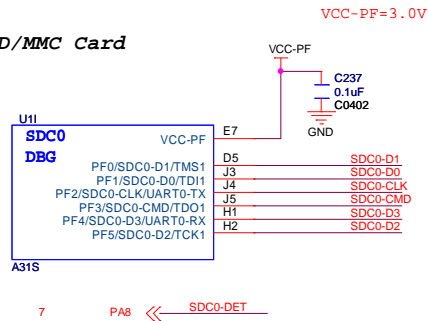
MIC-HBIAS with current
detection function.



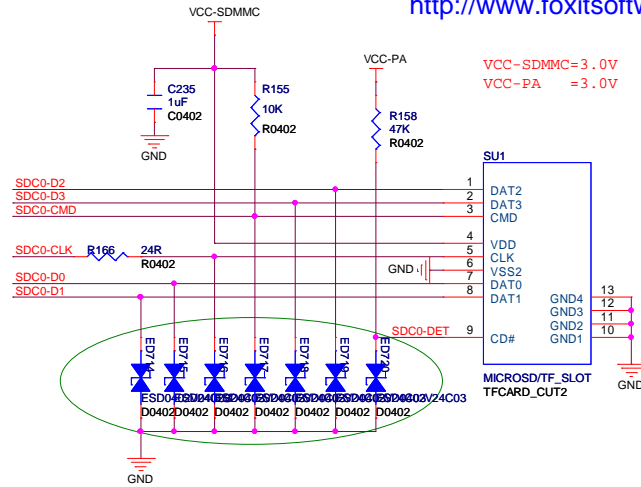
Speaker



SD/MMC Card

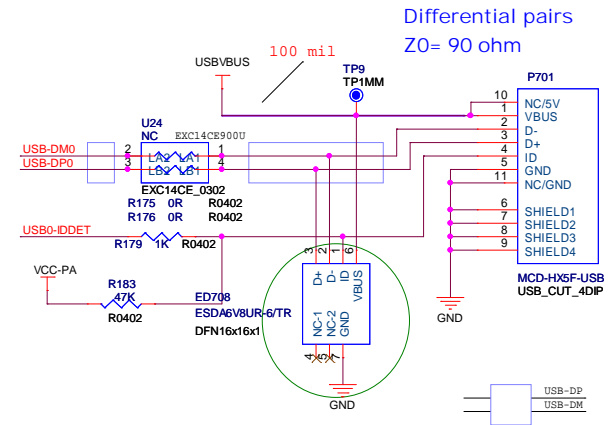
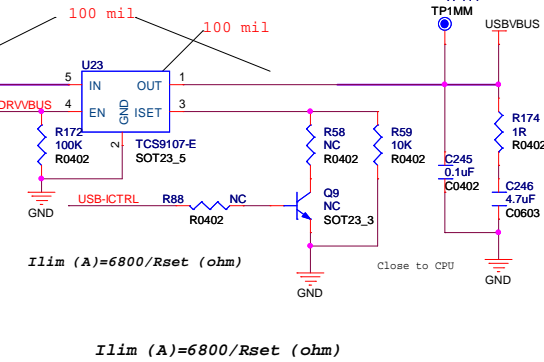
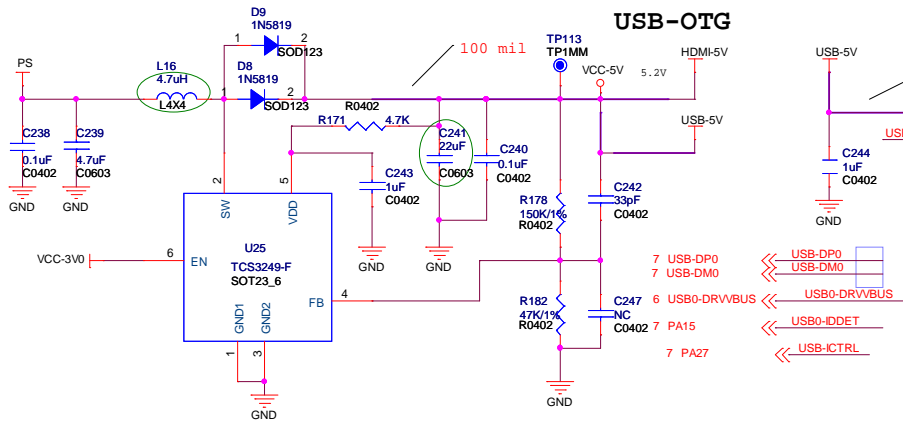


CARD

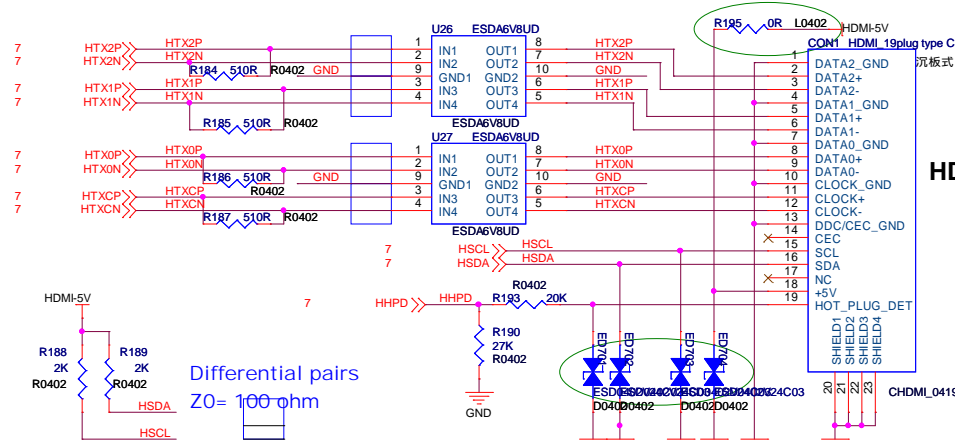
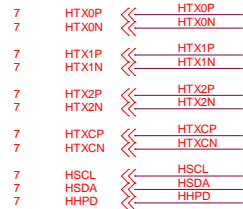


Generated by Foxit PDF Creator © Foxit Software
http://www.foxitsoftware.com For evaluation only.

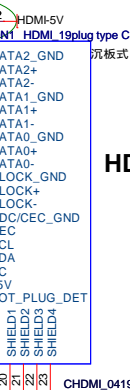
USB-OTG



HDMI

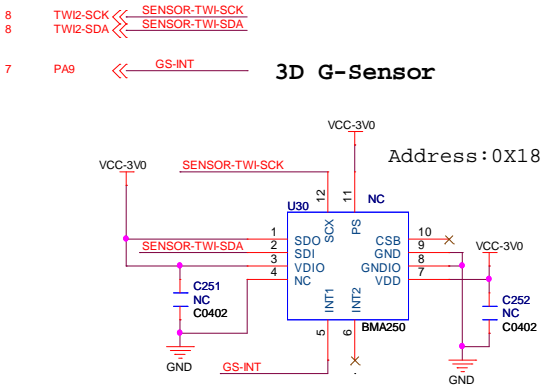


HDMI



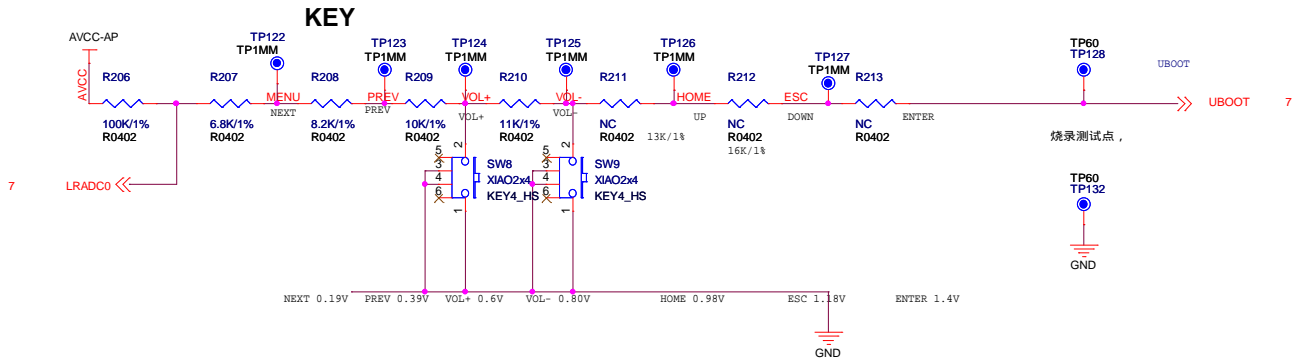
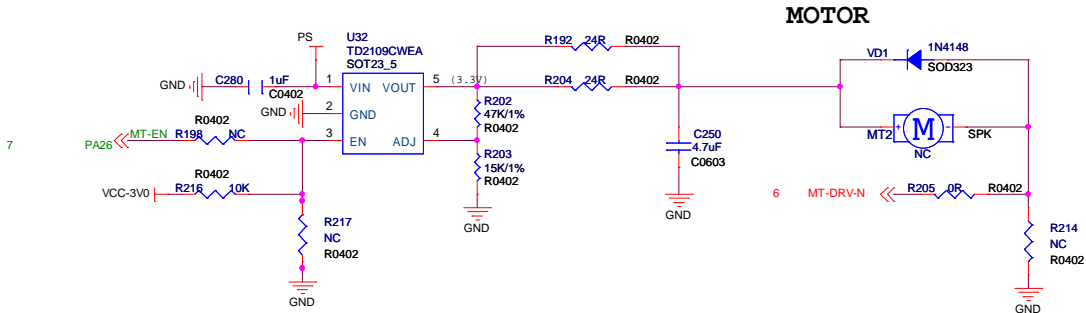
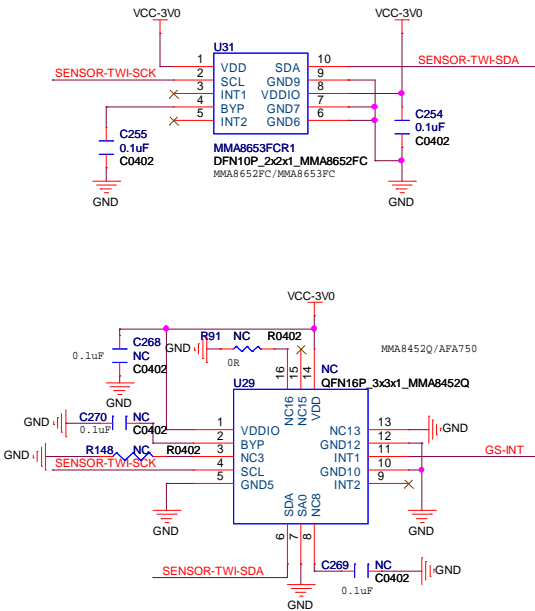
Design Name			
Q71_PAD_4X8BIT_DDR3			
Size A3	Page Name		Rev
	USB-HDMI-CARD		1.0
Date:	Thursday, September 26, 2013	Sheet	14 of 16

SENSORS



1、The first pin paced on the left lower corner of product on top view.

3D G-Sensor



Design Name		
Q71_PAD_4X8BIT_DDR3		
Size	Page Name	Rev
A3	SENSORSs-KEY	1.0
Date:	Thursday, September 26, 2013	Sheet 15 of 16