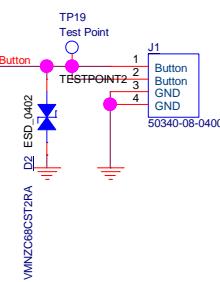
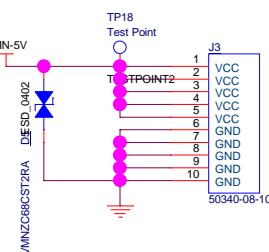
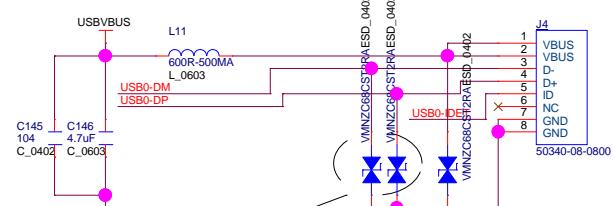


5 4 3 2 1

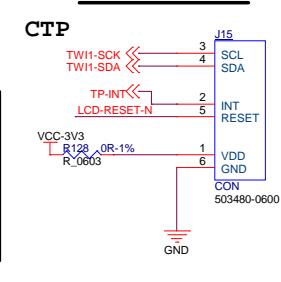
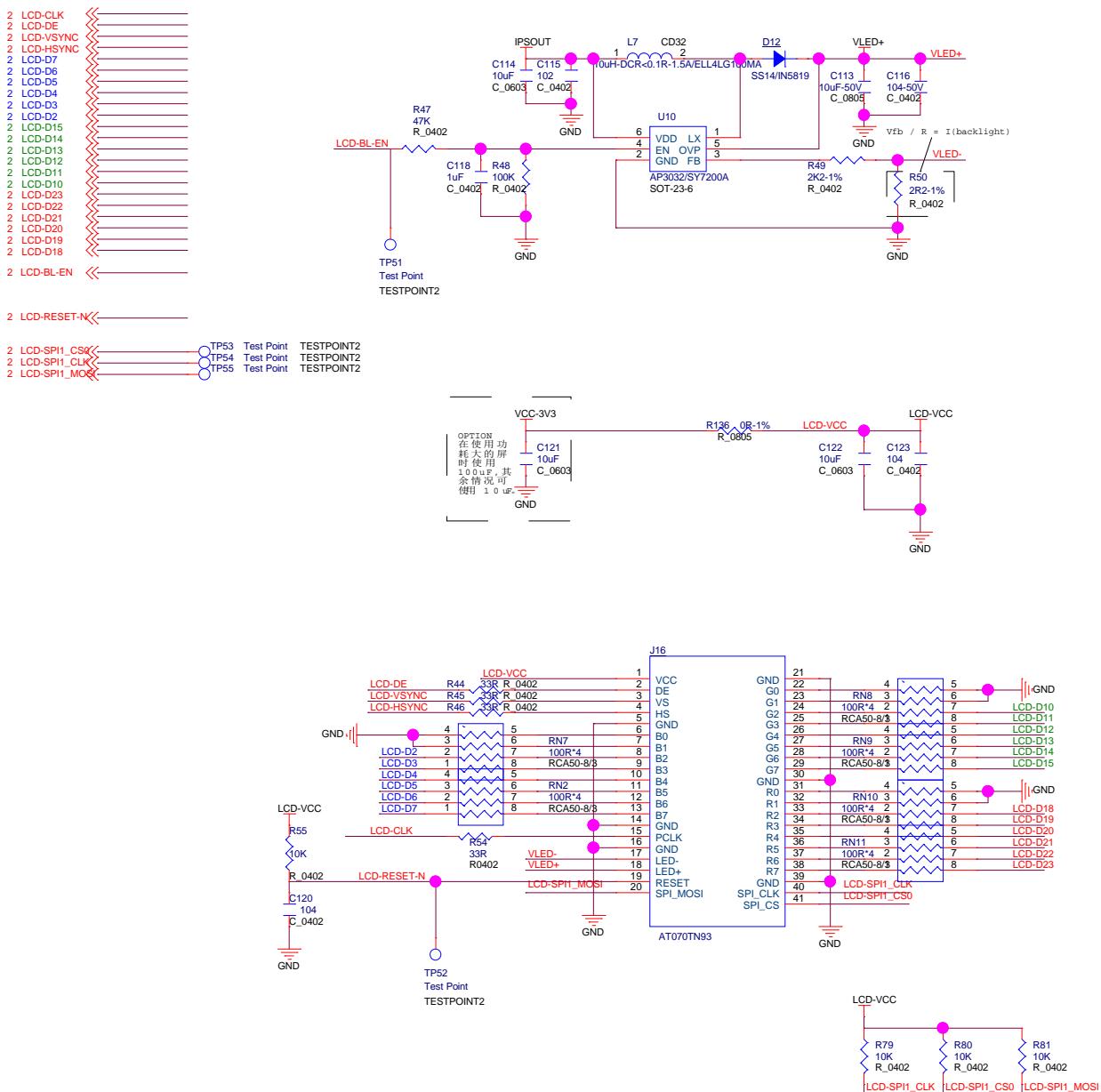
Button

3 Button

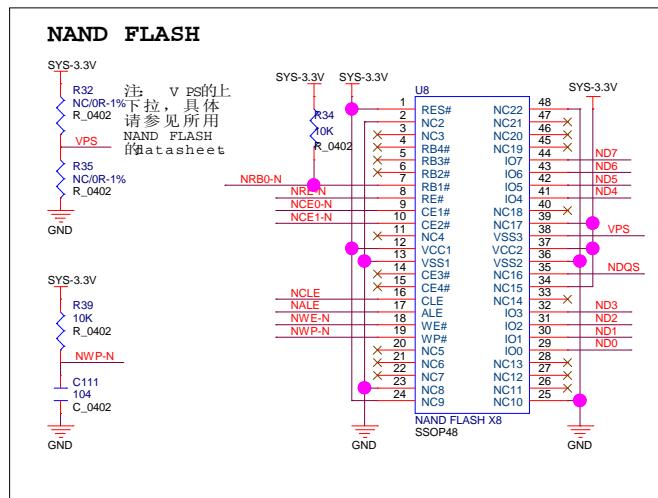
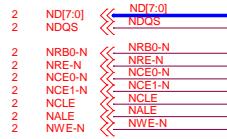
**PCB Power Assay**2 USB0-DM
2 USB0-DP
2 USB0-IDET**USB-DEVICE**Differential pairs
 $Z_0 = 90 \text{ ohm}$ M1
Bad MarkM2
Bad Mark

5 4 3 2 1

DISPLAY

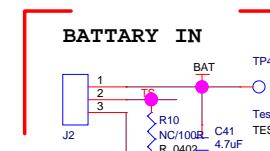
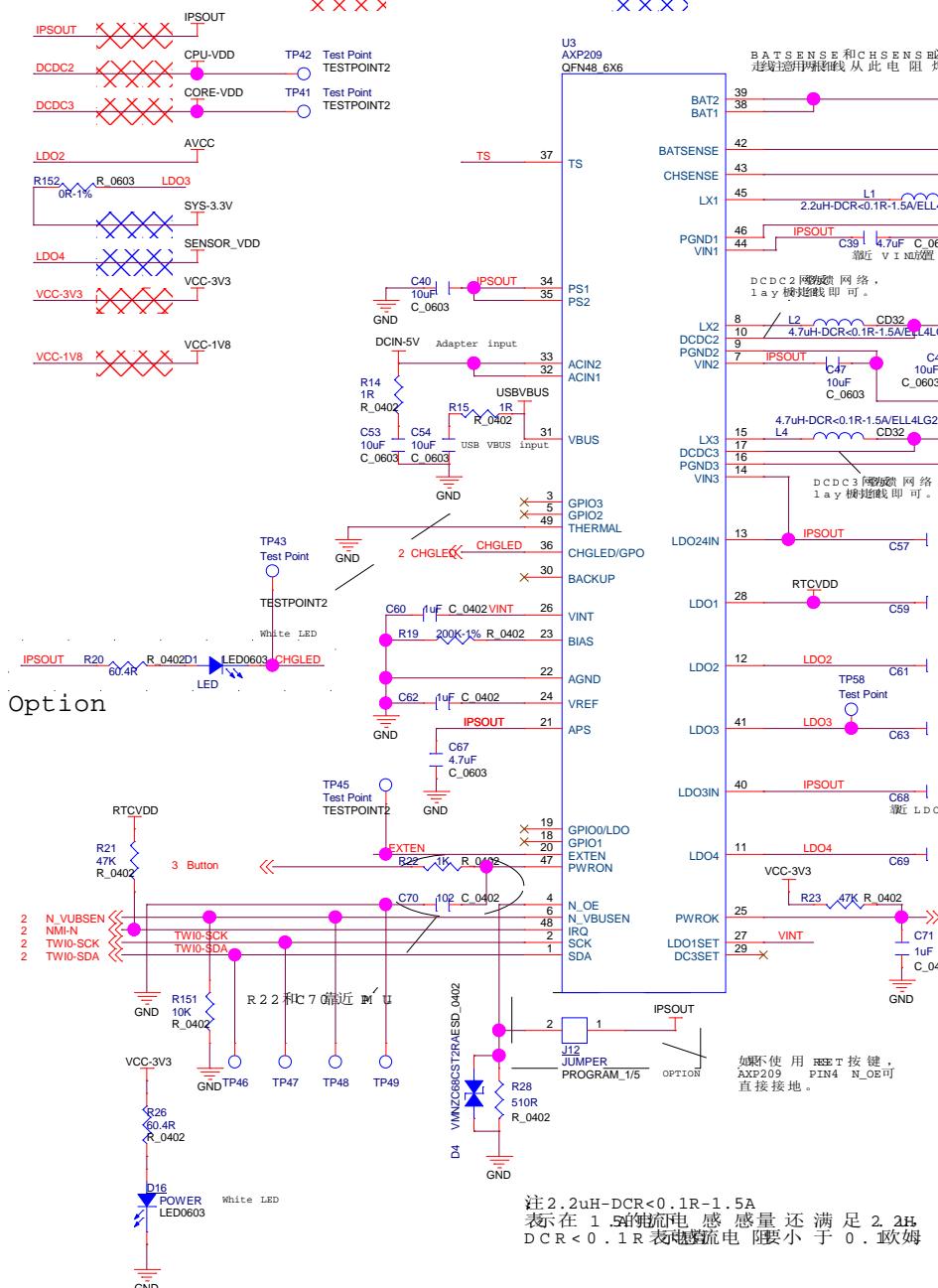


FLASH/CARD



POWER

POWER LINE:Width>=80mil POWER LINE:Width>=50mil



L13 DRAM-VCC

600R-1.5A L.0603

C.0402

R12 100K-1% R.0402

C.0402

R13 150K-1% R.0402

C.0402

L12 600R-1.5A L.0603

C.0402

Vout = 0.6*(1+RA/RB)

C.0402

GND

IPSOUP

GND

TP39 Test Point TESTPOINT2

IPSOUP

GND

TP36 Test Point TESTPOINT2

IPSOUP

GND

TP35 Test Point TESTPOINT2

IPSOUP

GND

TP59 Test Point TESTPOINT2

IPSOUP

GND

TP60 Test Point TESTPOINT2

IPSOUP

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TP61 Test Point TESTPOINT2

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TP62 Test Point TESTPOINT2

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TP134 Test Point TESTPOINT2

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TP136 Test Point TESTPOINT2

IPSOUP

GND

TP137 Test Point TESTPOINT2

IPSOUP

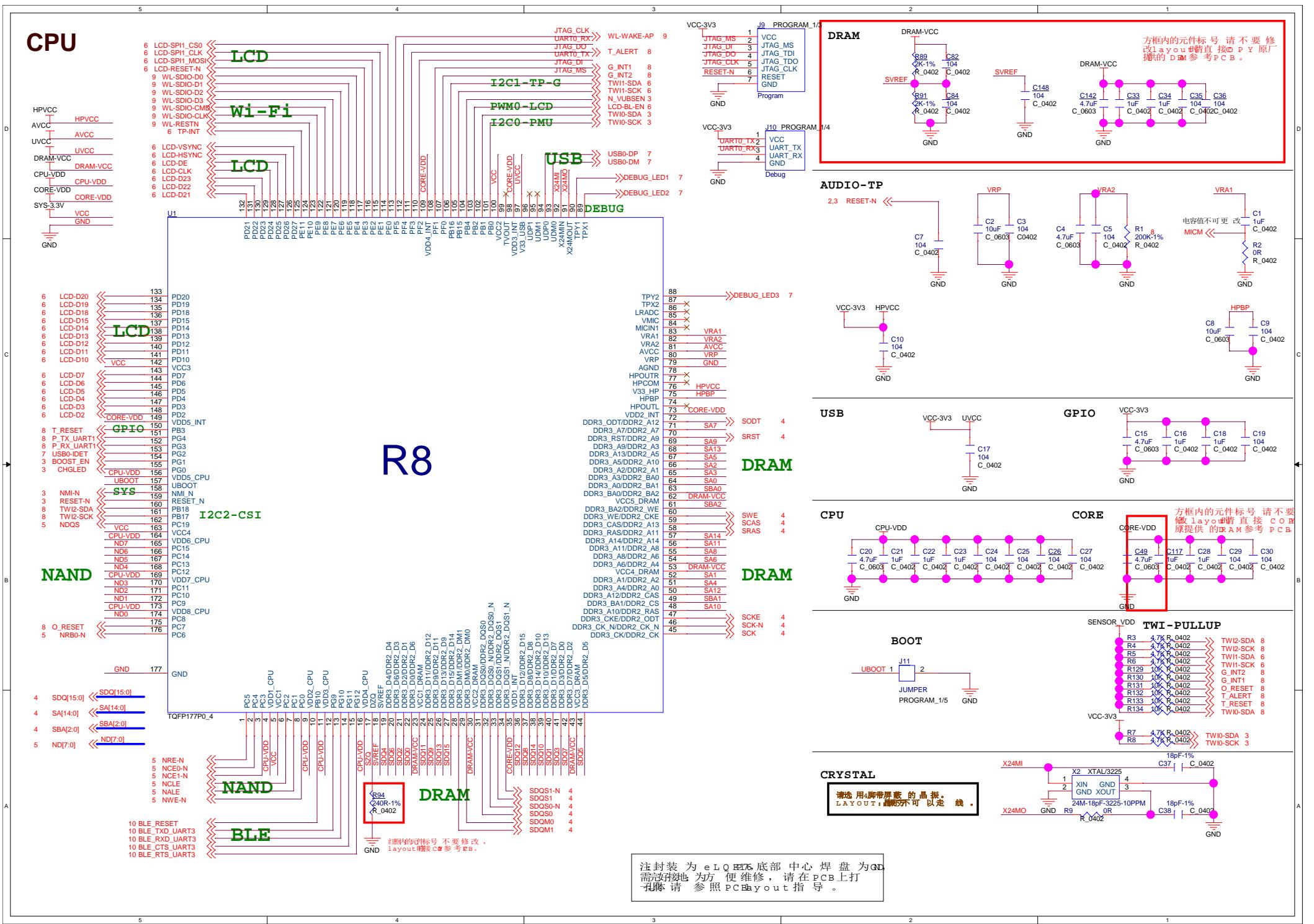
GND

TP138 Test Point TESTPOINT2

IPSOUP

GND

TP139 Test Point TESTPOINT2



COVER

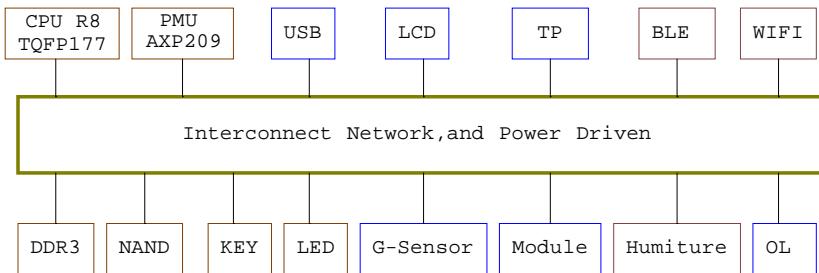
Schematics Index

Bran-Design

- 01 COVER
- 02 CPU
- 03 POWER
- 04 DDR3 16x1
- 05 FLASH
- 06 DISPLAY
- 07 PERIPHERS
- 08 SENSOR
- 09 WI-FI
- Option:
- 10 BLE

特别提醒：
 1: PG0 / PG1 这两个IN脚
 具有 INPUT 和输出功能。
 2: PMU的GPIO0/1/2这三个IN脚
 具有 GPIO-OUT功能。
 3: PG10 / PG11 / PG12 这三个IN脚
 的输出可改变。
 4: CSI-PCLK / CSI-MCL这两个IN脚
 具有 INPUT 和输出功能。
 5: CSI-HSYNC 具有 INPUT 和输出功能，
 不他用途。

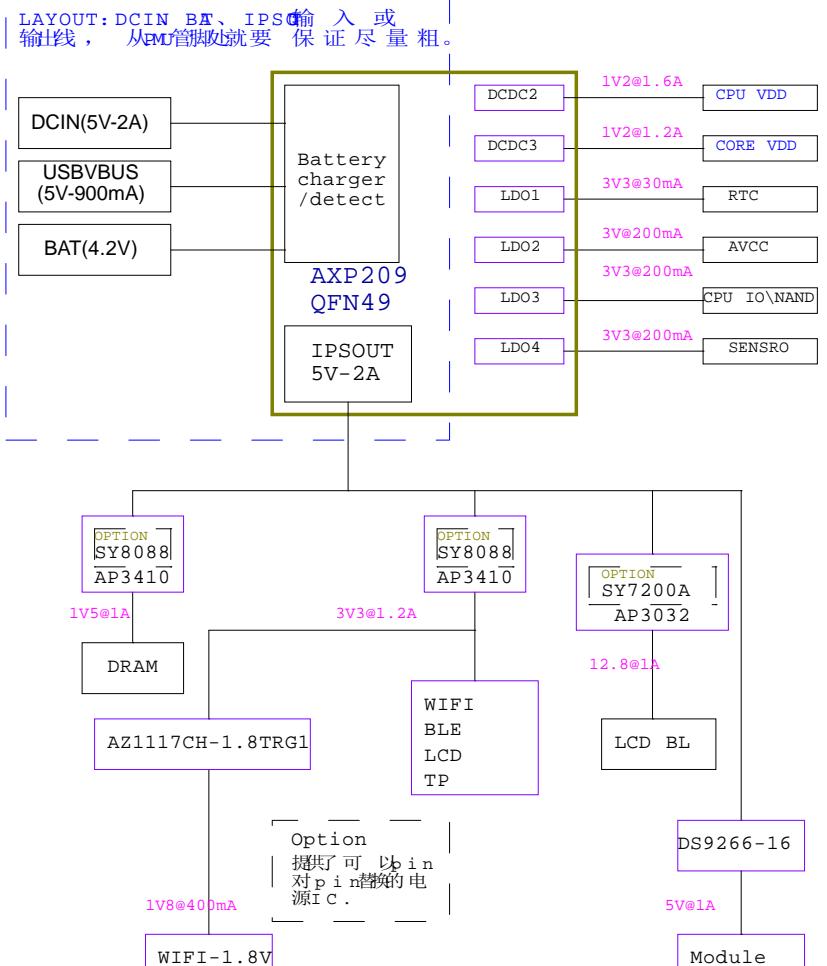
BLOCK



REVISION HISTORY

Revision	Description	Date	Drawn	Checked	Approved
Ver 1.0	Bran Main PCB ASSY	2016/6/2	Violet/Jemmey	Jemmey	

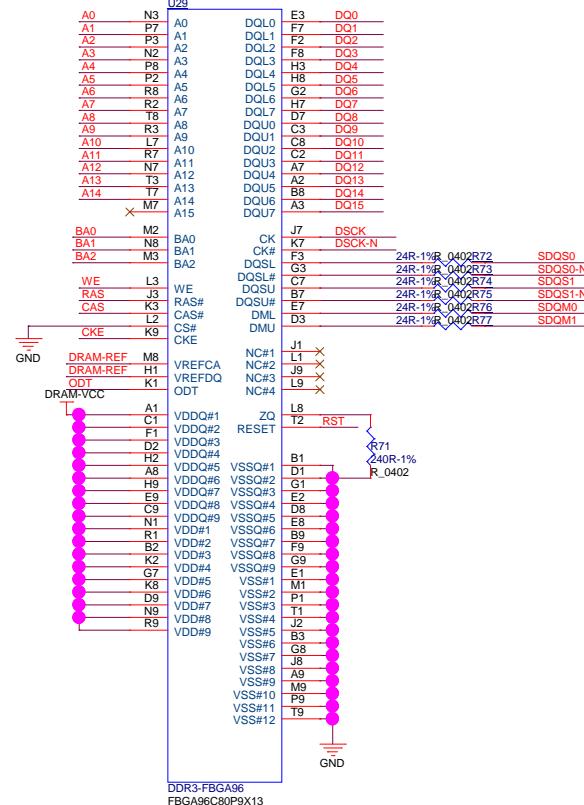
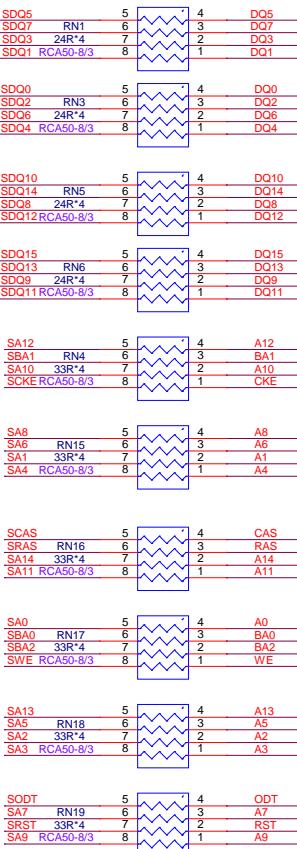
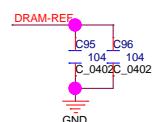
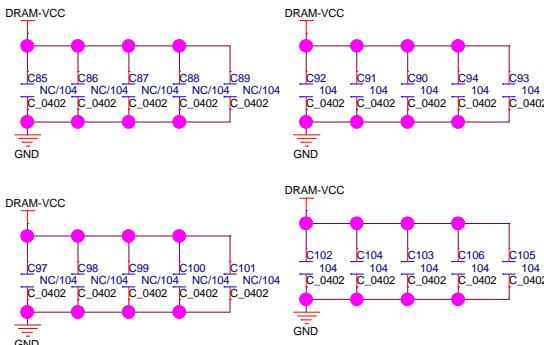
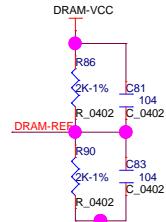
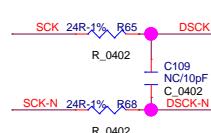
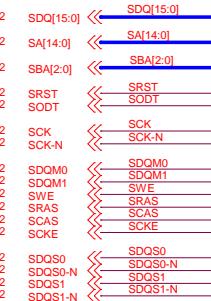
POWER TREE

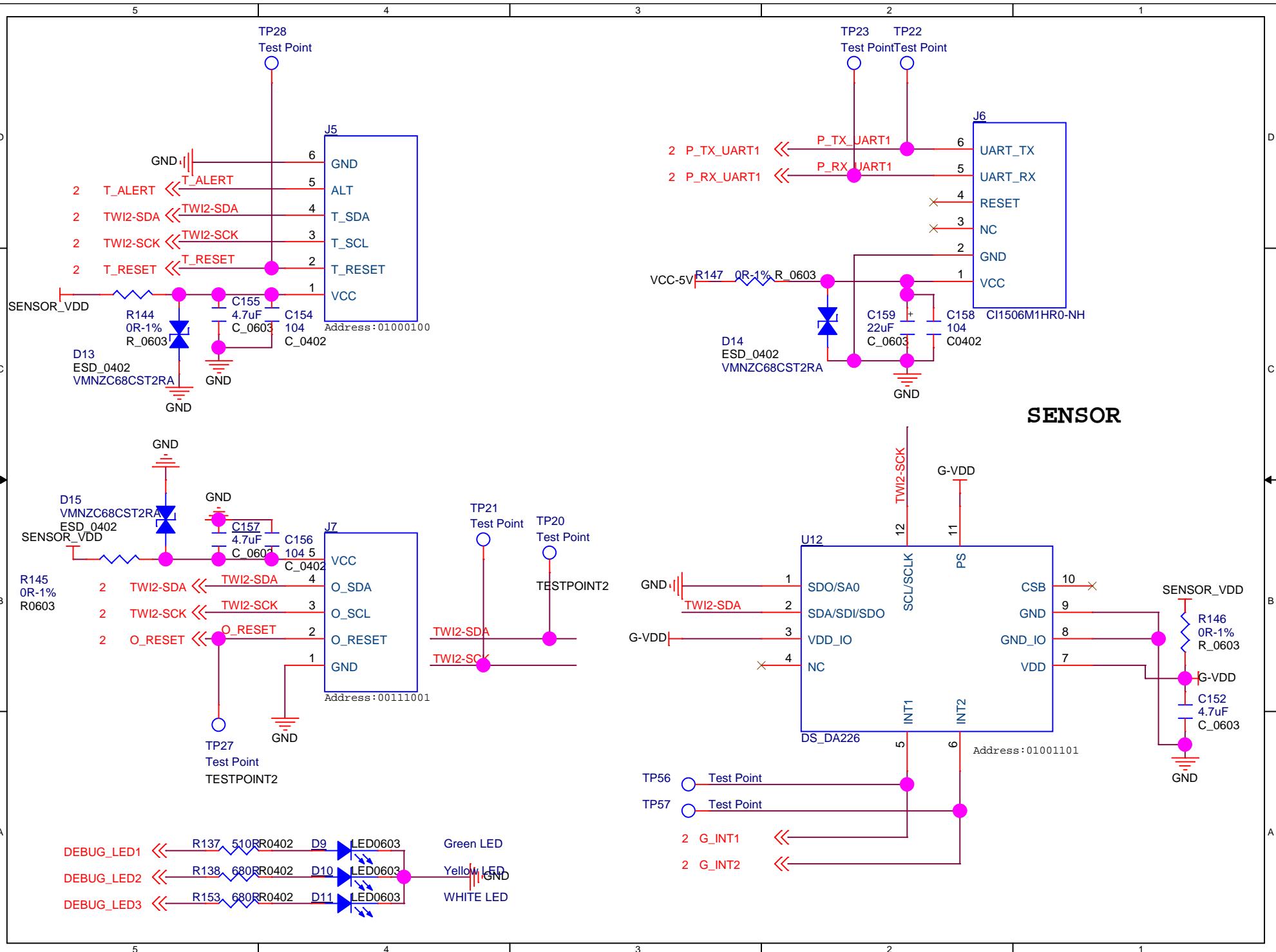


DDR3 16x1

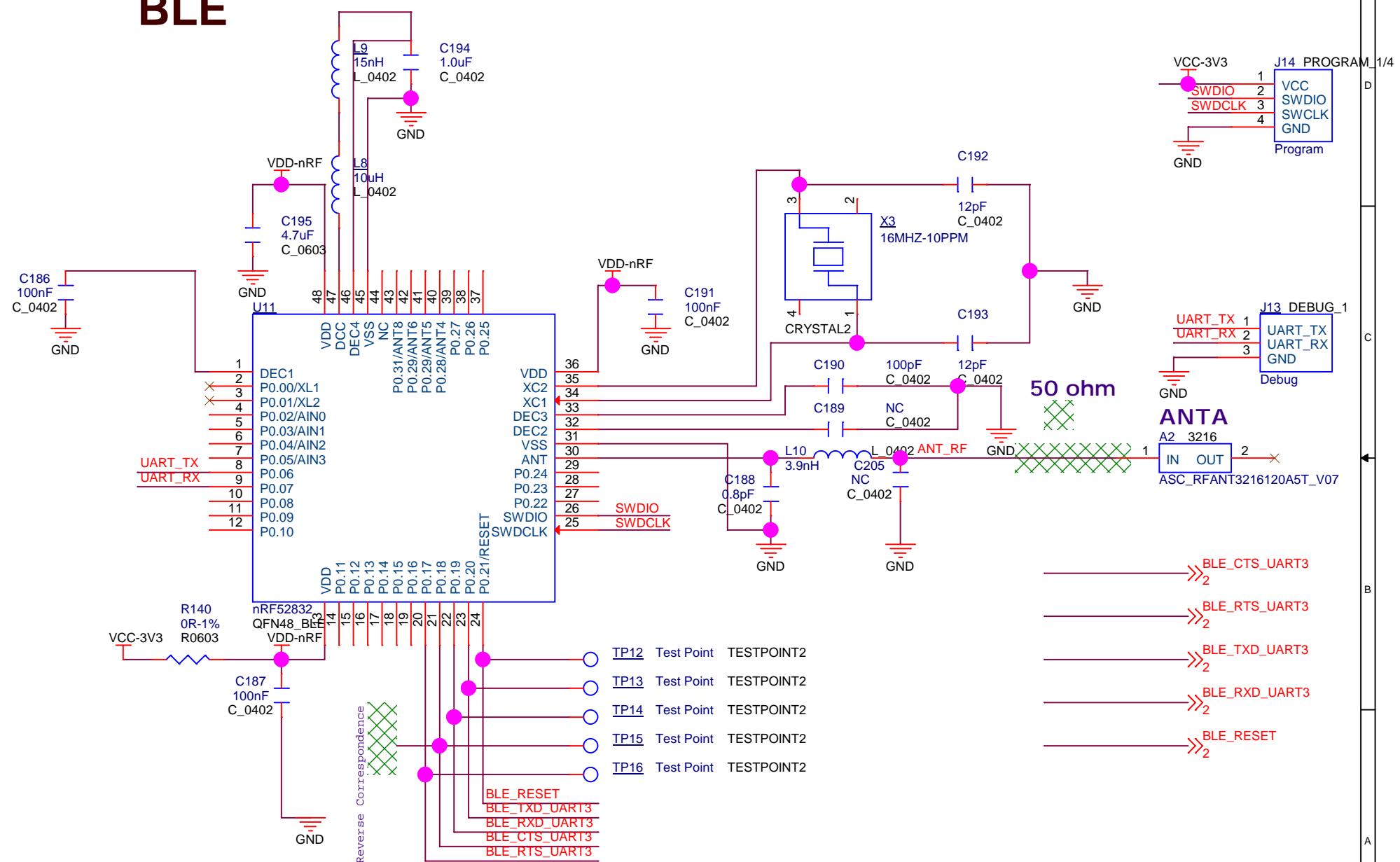
DDR3

本页的元件标号请不要修改
layout的值直接用原厂提供的DRAM参考PCB

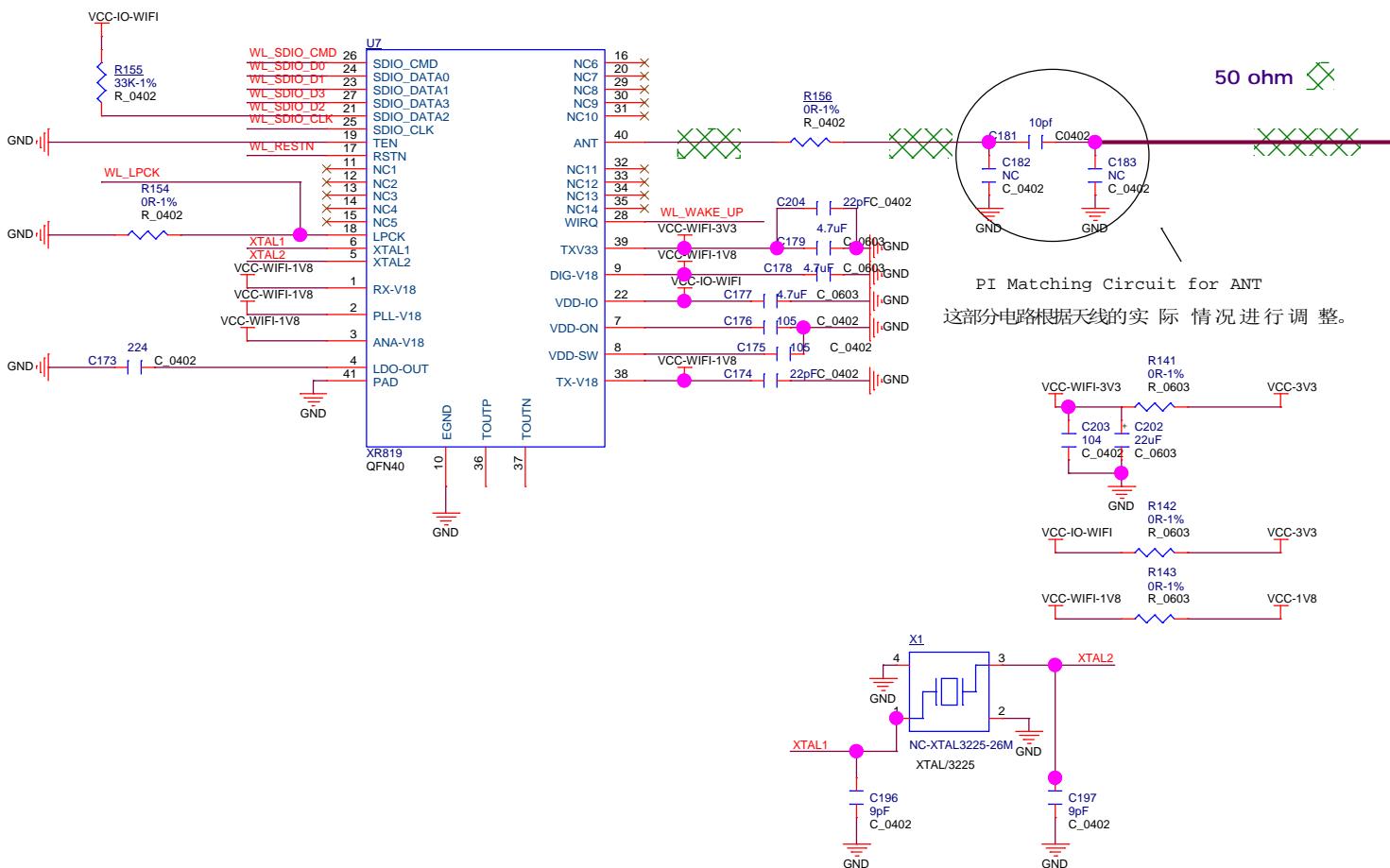




BLE



Wi-Fi



Title <Title>		Rev <RevCode>
Size B	Document Number <Doc>	
Date: Saturday, June 11, 2016	Sheet 1 of 1	