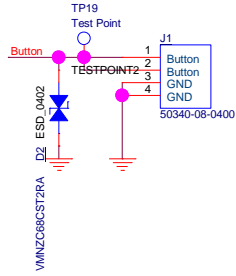
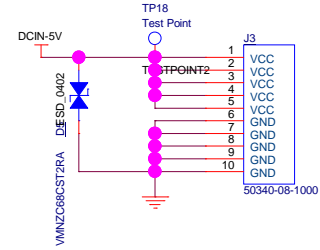


Button

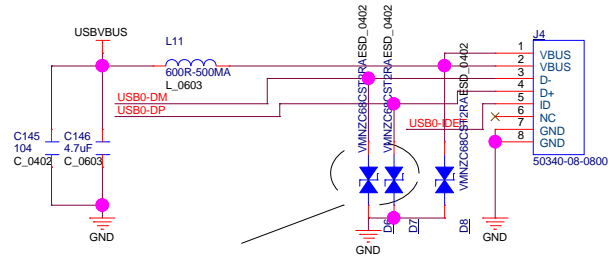


PCB Power Assay



USB-DEVICE

Differential pairs
Z0= 90 ohm



D+ / D- 上的 ESD 器件 (电容 小于 等于 4.7nF 包括了 电容)。



DISPLAY

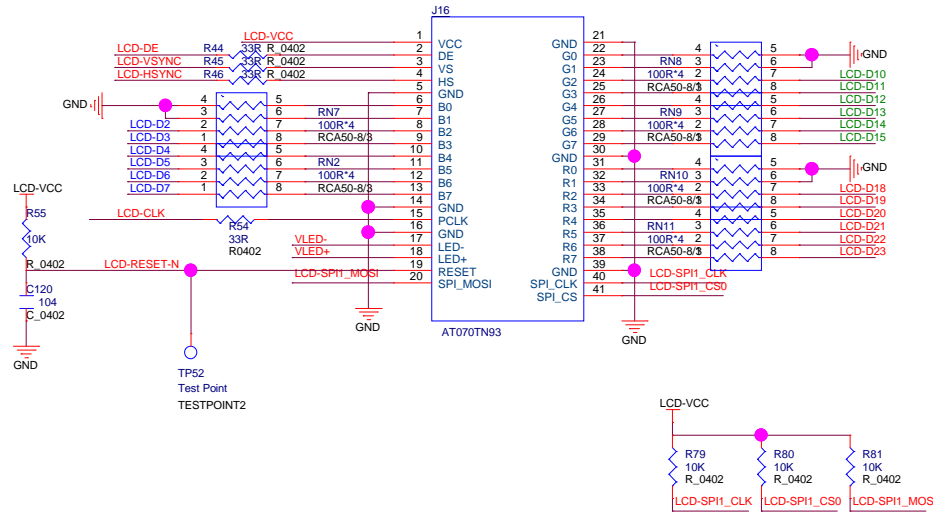
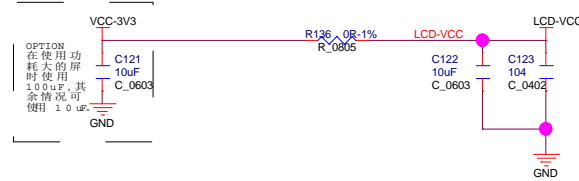
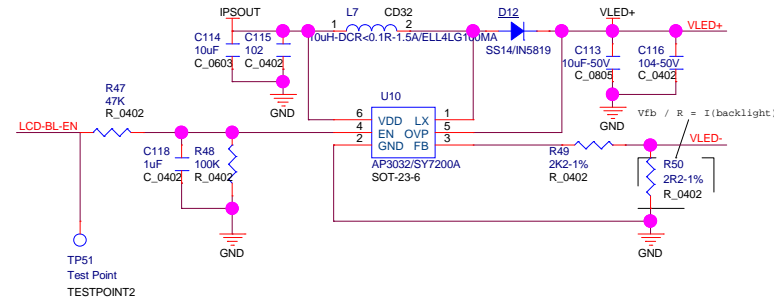
LCD

2 LCD-CLK
2 LCD-DE
2 LCD-VSYNC
2 LCD-HSYNC
2 LCD-D7
2 LCD-D6
2 LCD-D5
2 LCD-D4
2 LCD-D3
2 LCD-D2
2 LCD-D15
2 LCD-D14
2 LCD-D13
2 LCD-D12
2 LCD-D11
2 LCD-D10
2 LCD-D23
2 LCD-D22
2 LCD-D21
2 LCD-D20
2 LCD-D19
2 LCD-D18
2 LCD-BL-EN

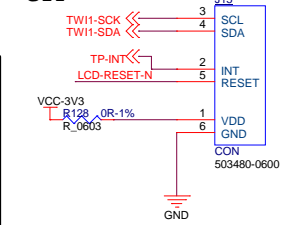
2 LCD-RESET-N

2 LCD-SPH1_CS0
2 LCD-SPH1_CLK
2 LCD-SPH1_MOSI

TP53 Test Point TESTPOINT2
TP54 Test Point TESTPOINT2
TP55 Test Point TESTPOINT2

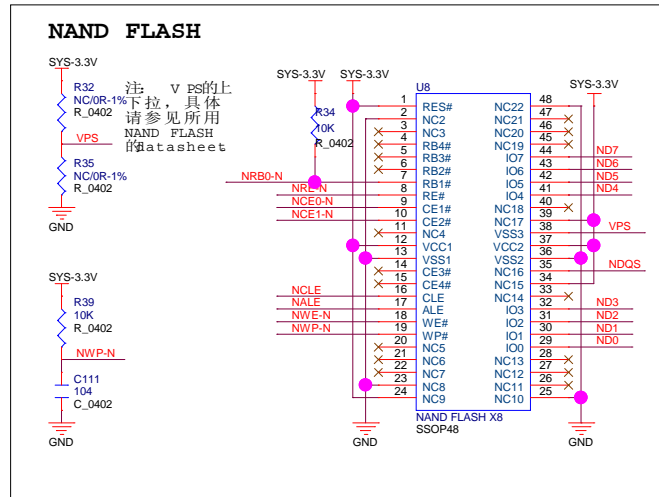
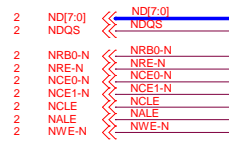


CTP



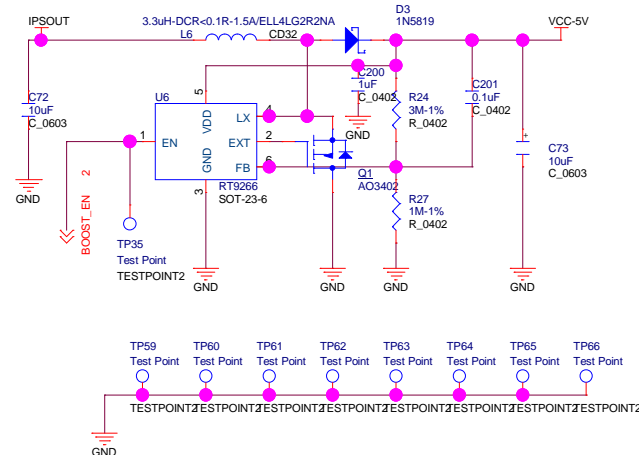
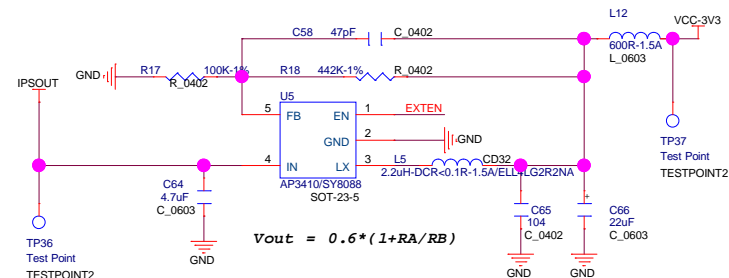
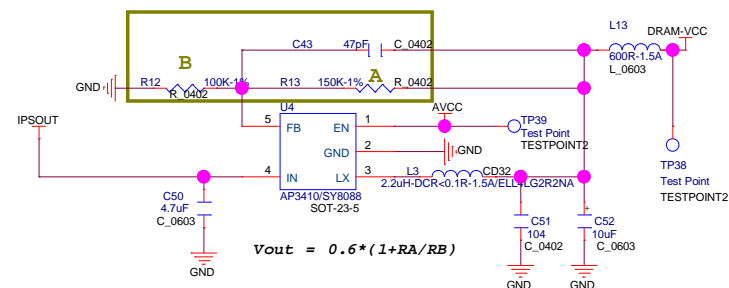
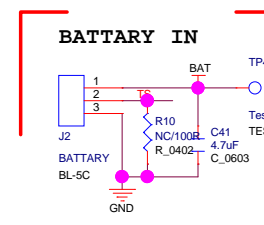
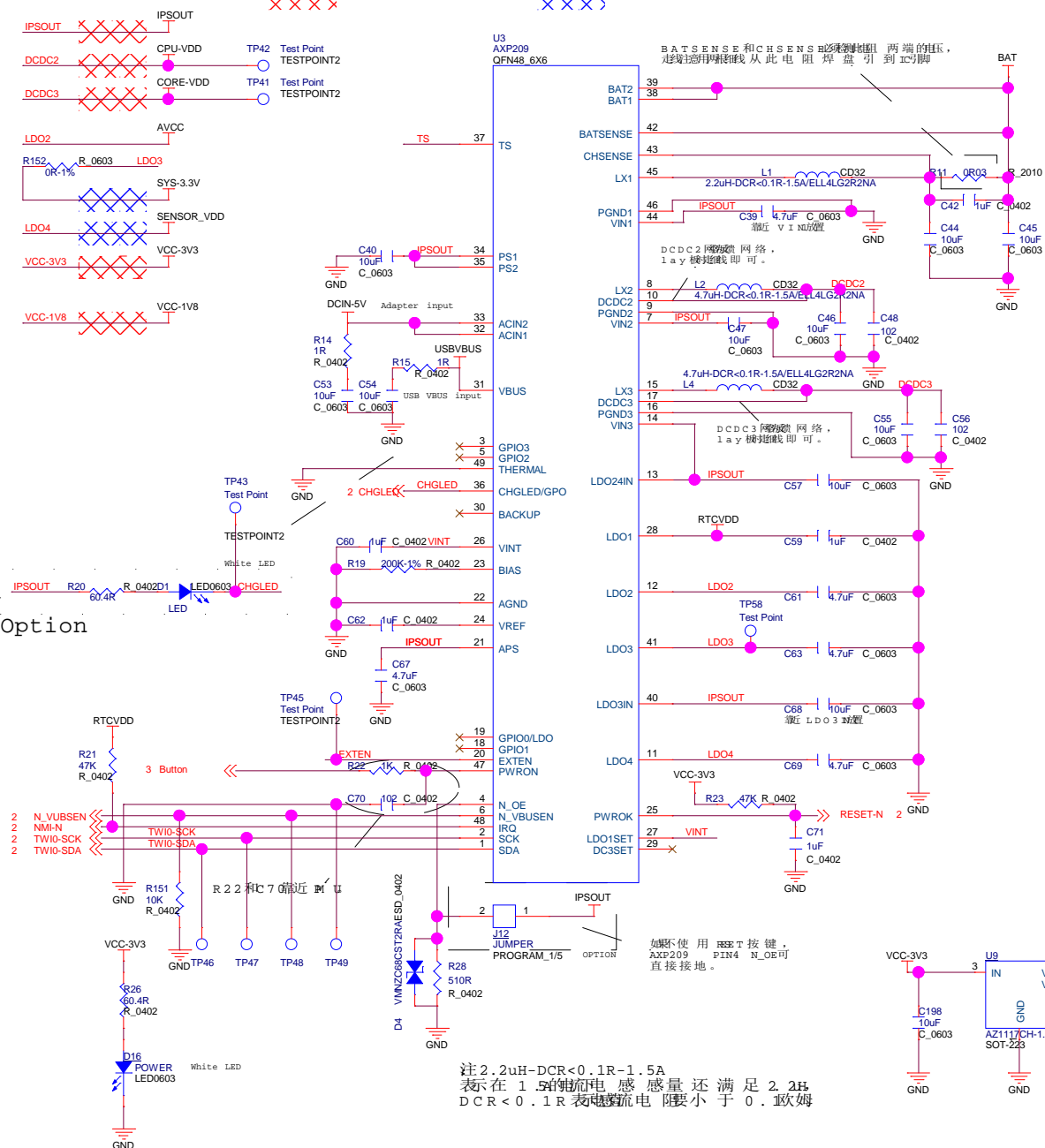
电容屏信号连接示意图

FLASH/CARD



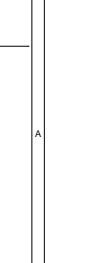
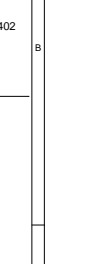
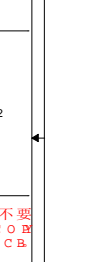
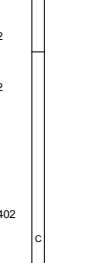
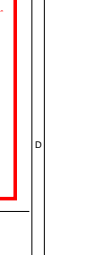
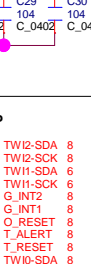
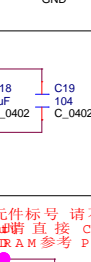
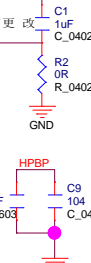
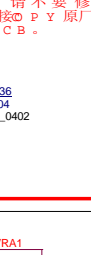
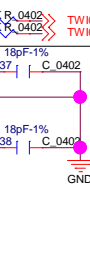
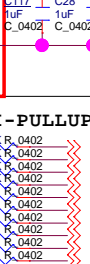
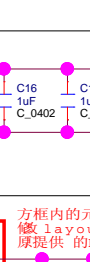
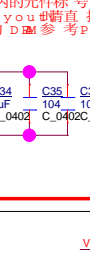
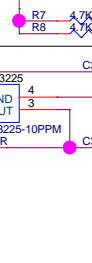
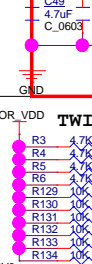
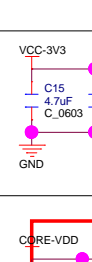
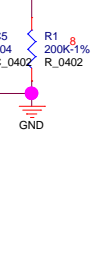
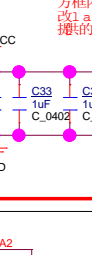
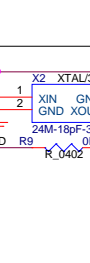
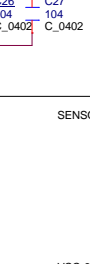
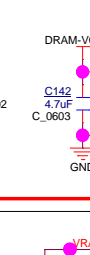
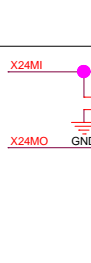
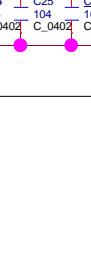
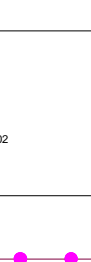
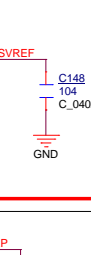
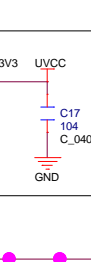
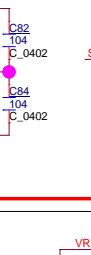
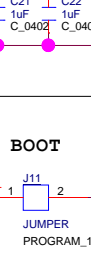
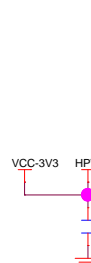
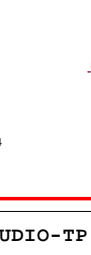
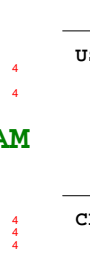
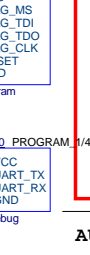
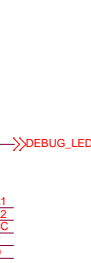
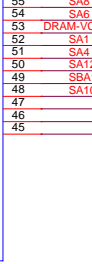
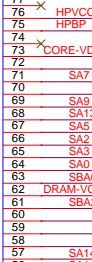
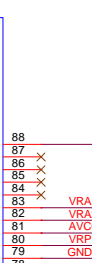
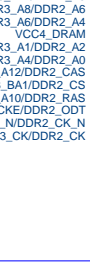
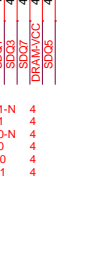
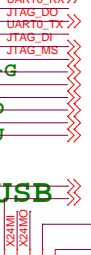
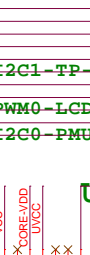
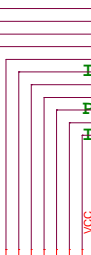
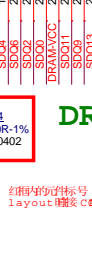
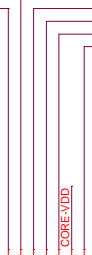
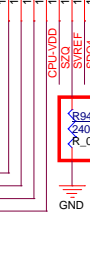
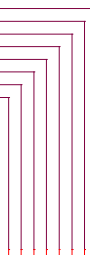
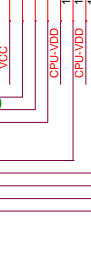
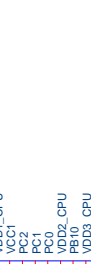
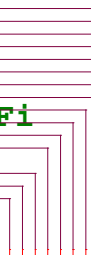
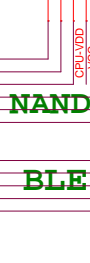
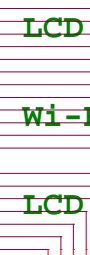
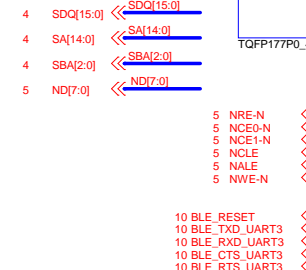
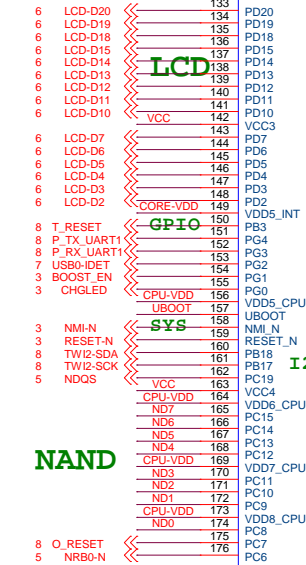
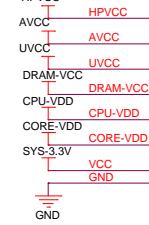
POWER

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



注2.2uH-DCR<0.1R-1.5A
表示在1.5A的电流电感感量还满足2.2uH
DCR<0.1R表示感流电阻要小于0.1欧姆

CPU



R8

DRAM

DRAM

DRAM

DRAM

DRAM

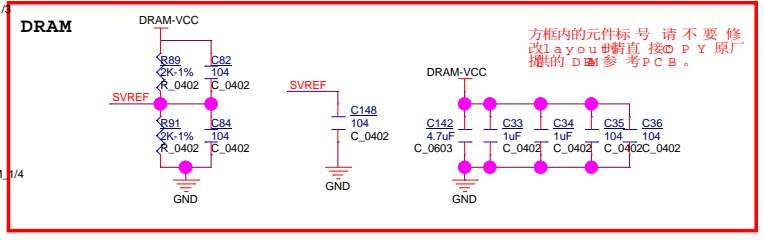
DRAM

DRAM

DRAM

DRAM

DRAM



COVER

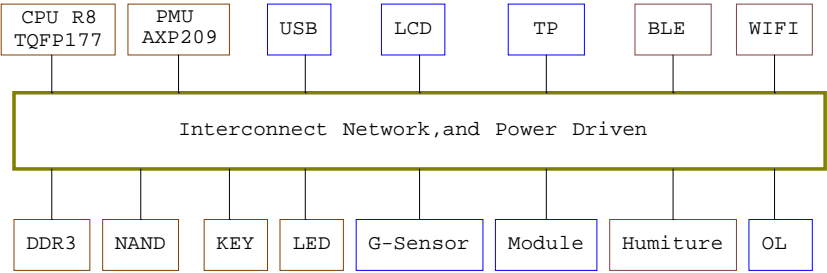
Schematics Index

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 / PG这个IN脚
具有INPUT功能。
2:PM的GPIO0/1/2这三个IN脚
做GPIO-OUTPUT功能
3:PG10 / PG11 / PG1这个IN脚
的能可改变。
4:CSI-PCLK / CSI-MCLK这个IN脚
具有INPUT功能。
5:CSI-HSYNC具有INPUT功能，
不能用途。

BLOCK

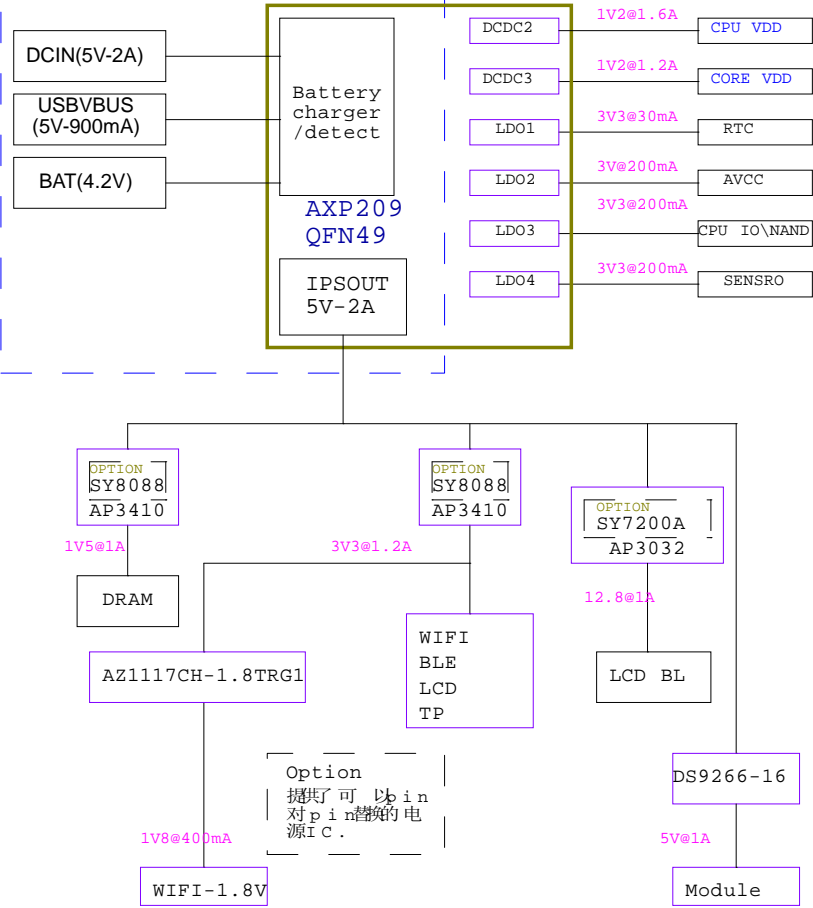


REVISION HISTORY

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

POWER TREE

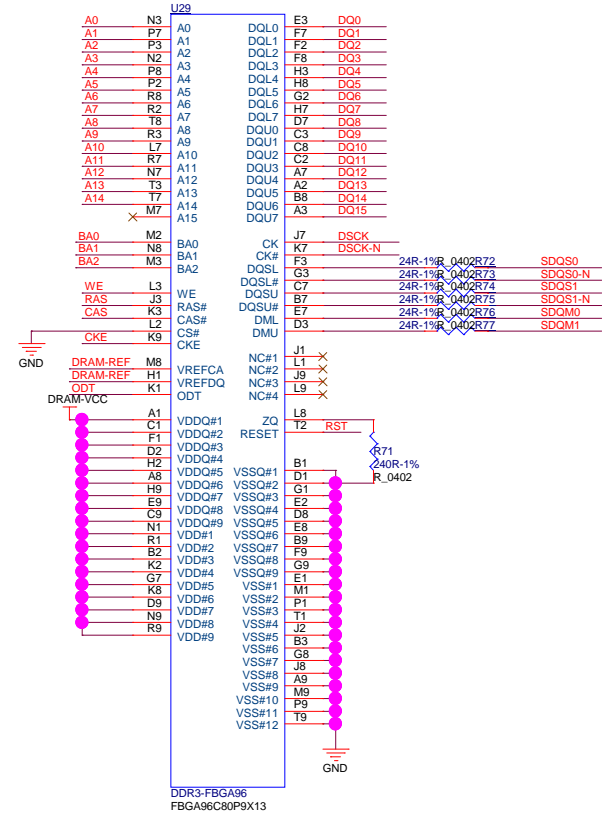
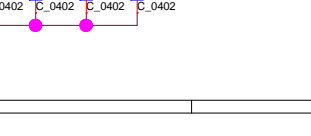
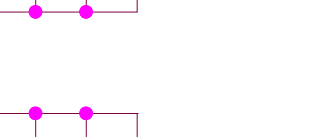
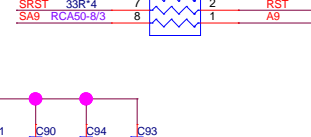
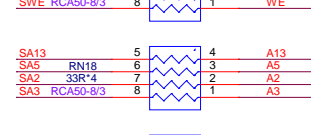
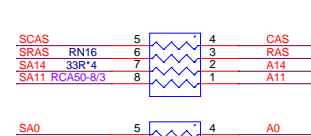
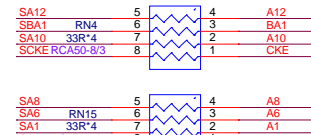
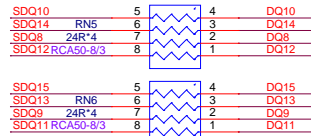
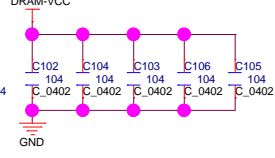
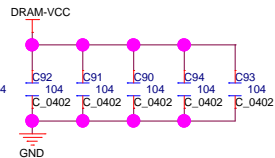
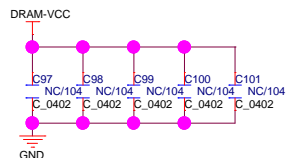
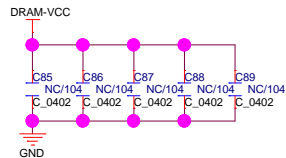
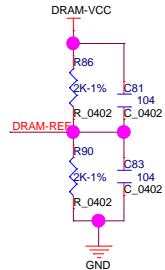
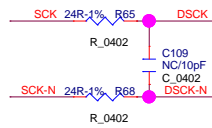
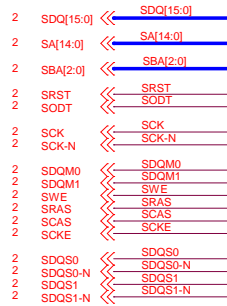
LAYOUT: DCIN, BT, IPSOUT 输入或
输出线，从PM管脚处就要保证尽量粗。

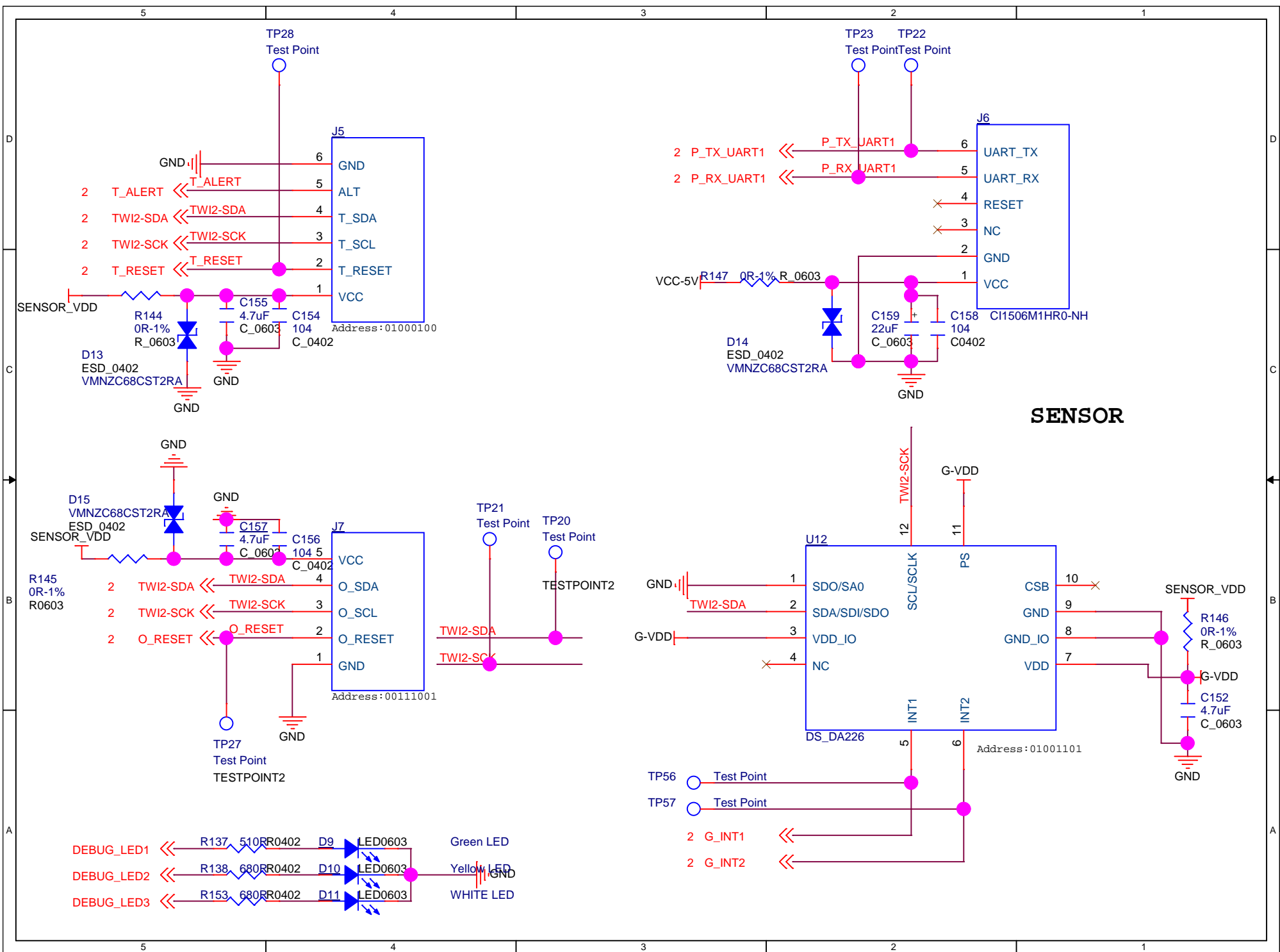


DDR3 16x1

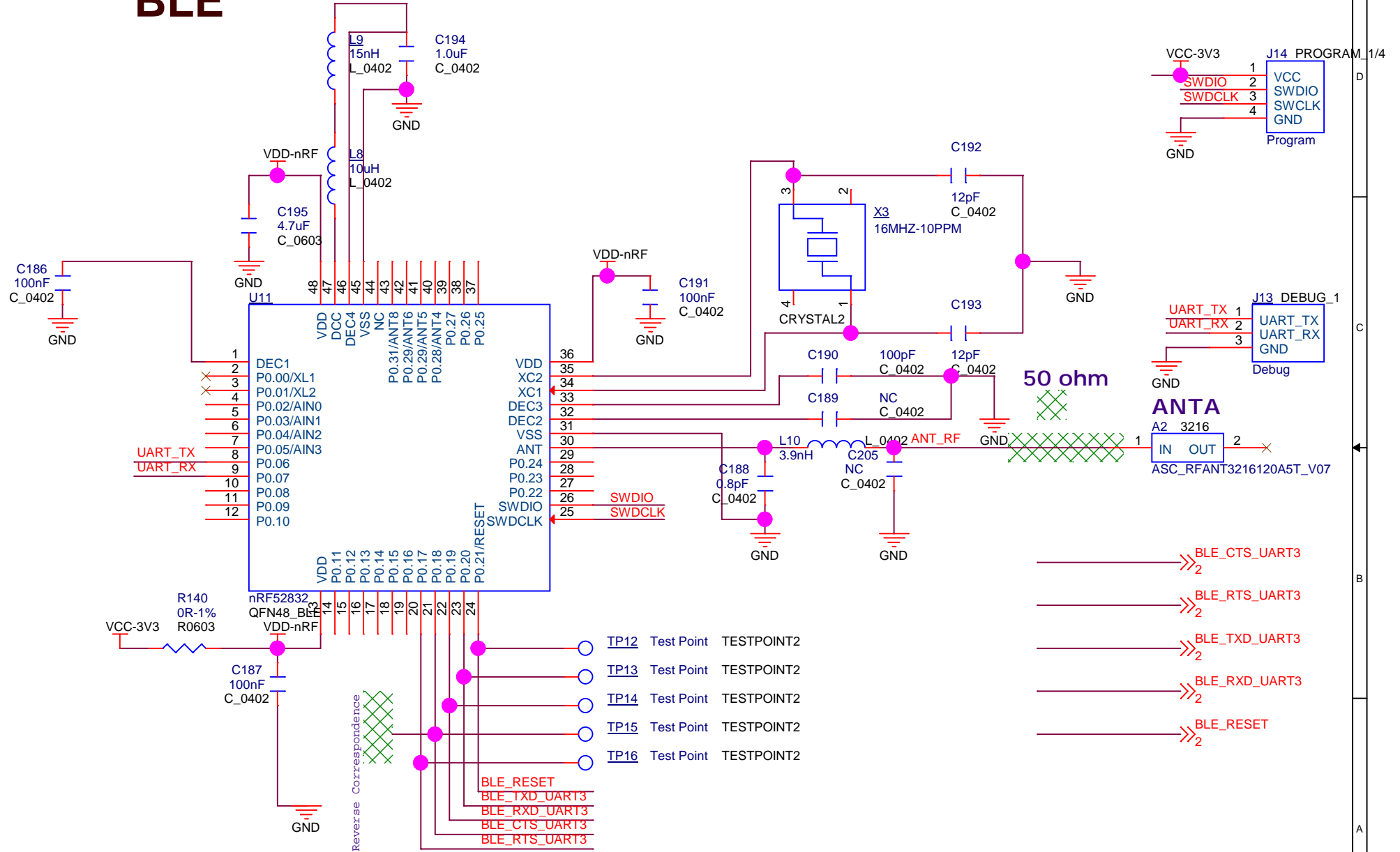
DDR3

本页的元件标号 请 不要 修改
layout 时 直接 由 原厂 提供
的 参考 PCB

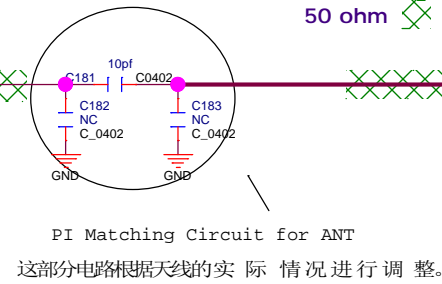
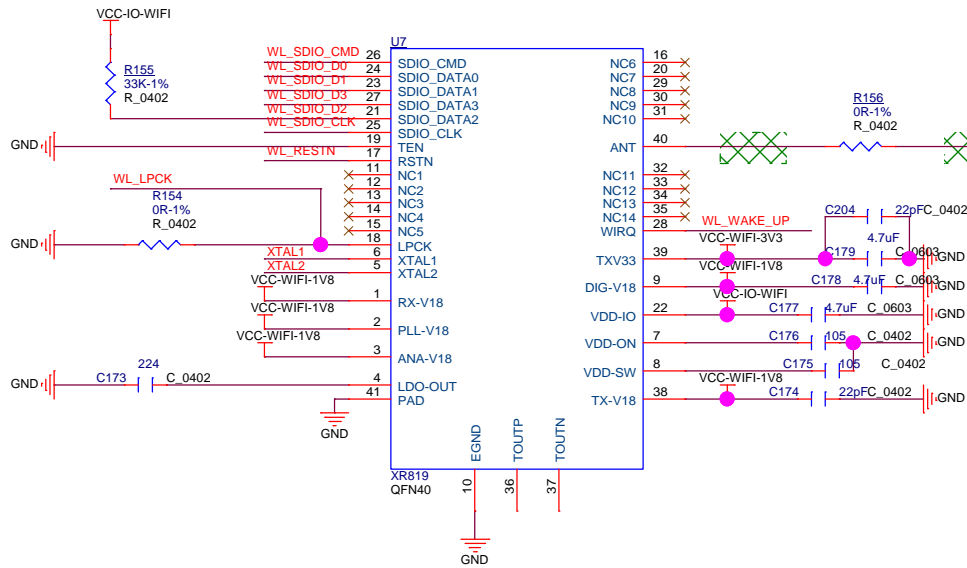




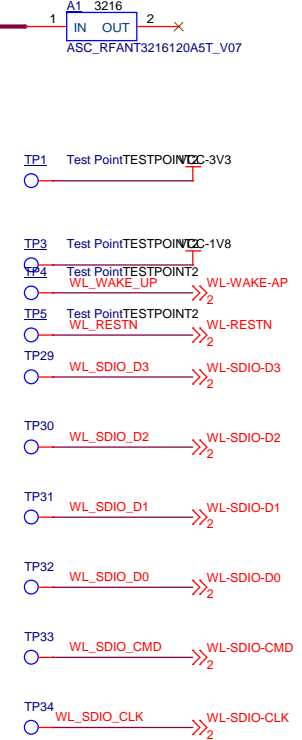
BLE



Wi-Fi



ANTA



Title		
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