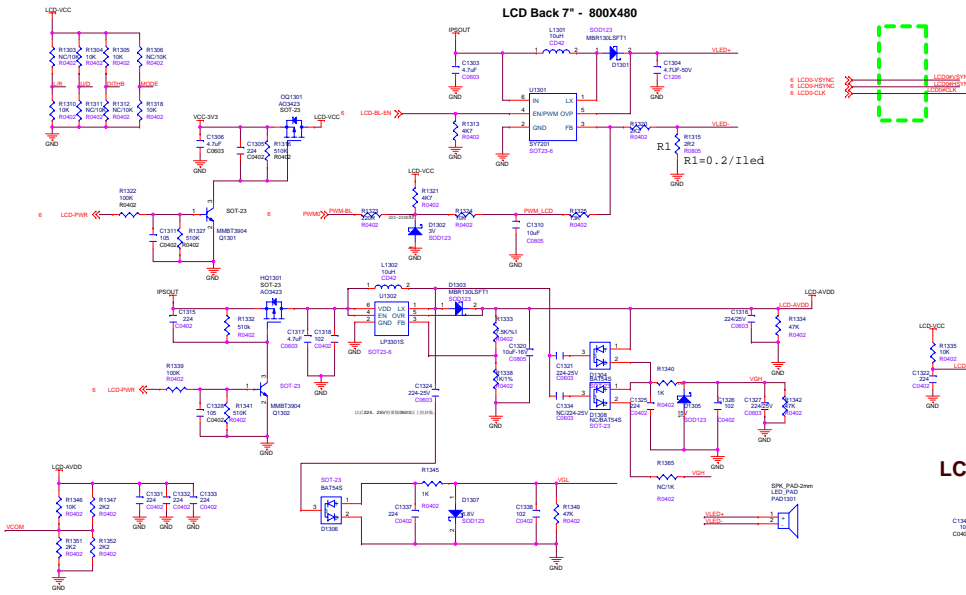


LCD

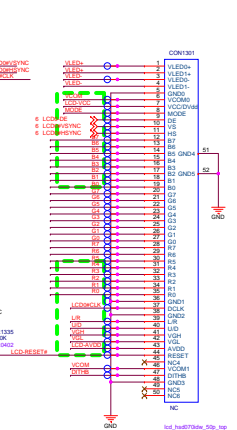
LCD Back 7" - 800X480



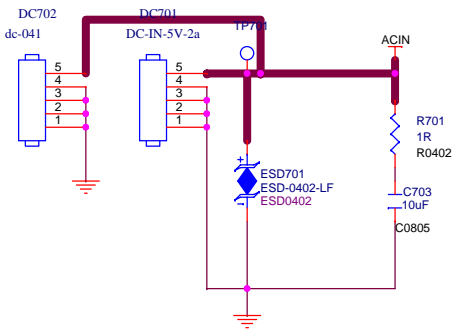
电压对照表

电压	名称	阻值	容值	封装	备注
5V	R1301	10K		0603	
5V	R1302	10K		0603	
5V	R1303	10K		0603	
5V	R1304	10K		0603	
5V	R1305	10K		0603	
5V	R1306	10K		0603	
5V	R1307	10K		0603	
5V	R1308	10K		0603	
5V	R1309	10K		0603	
5V	R1310	10K		0603	
5V	R1311	10K		0603	
5V	R1312	10K		0603	
5V	R1313	10K		0603	
5V	R1314	10K		0603	
5V	R1315	10K		0603	
5V	R1316	10K		0603	
5V	R1317	10K		0603	
5V	R1318	10K		0603	
5V	R1319	10K		0603	
5V	R1320	10K		0603	
5V	R1321	10K		0603	
5V	R1322	10K		0603	
5V	R1323	10K		0603	
5V	R1324	10K		0603	
5V	R1325	10K		0603	
5V	R1326	10K		0603	
5V	R1327	10K		0603	
5V	R1328	10K		0603	
5V	R1329	10K		0603	
5V	R1330	10K		0603	
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5V	R1344	10K		0603	
5V	R1345	10K		0603	
5V	R1346	10K		0603	
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5V	R1496	10K		0603	
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5V	R1499	10K		0603	
5V	R1500	10K		0603	

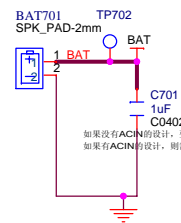
LCD7" INNONUX



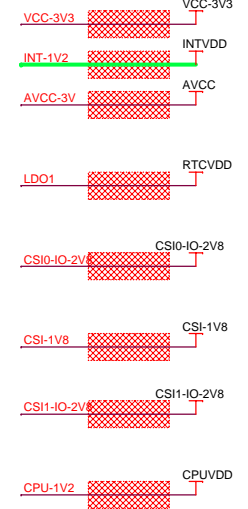
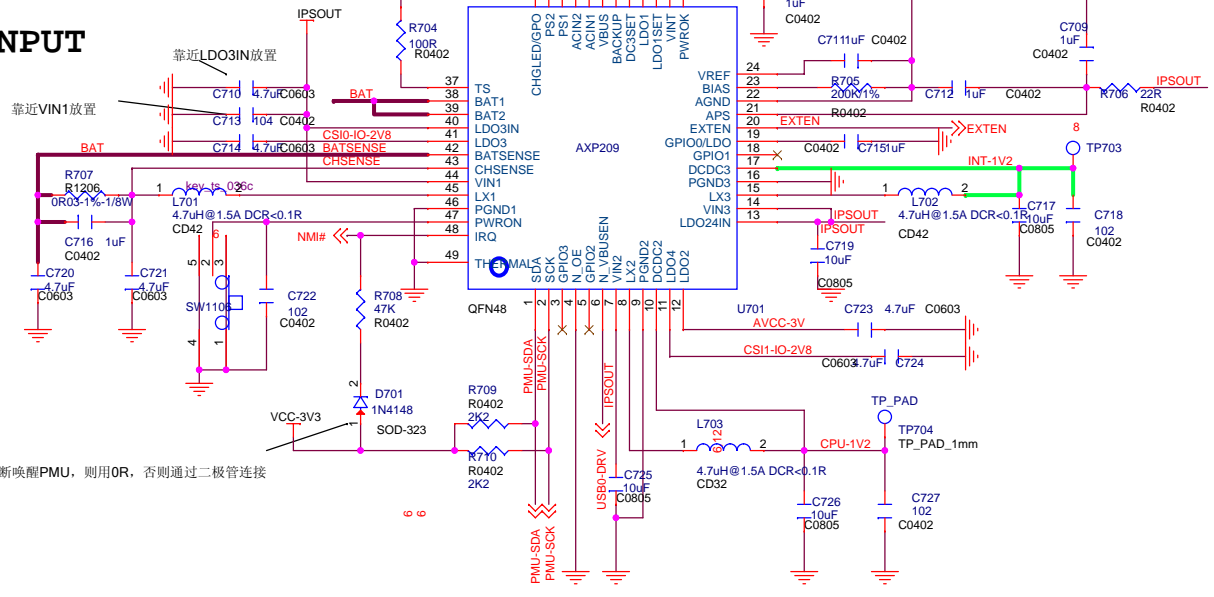
POWER-PMU



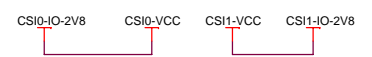
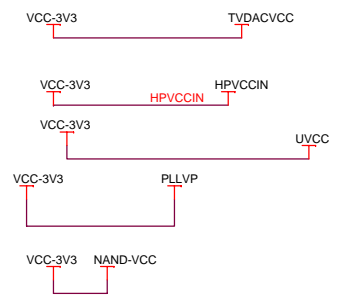
此时不支持电池温度检测



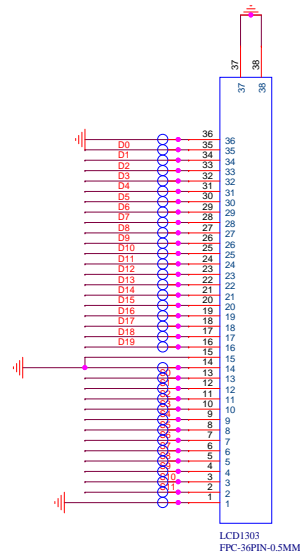
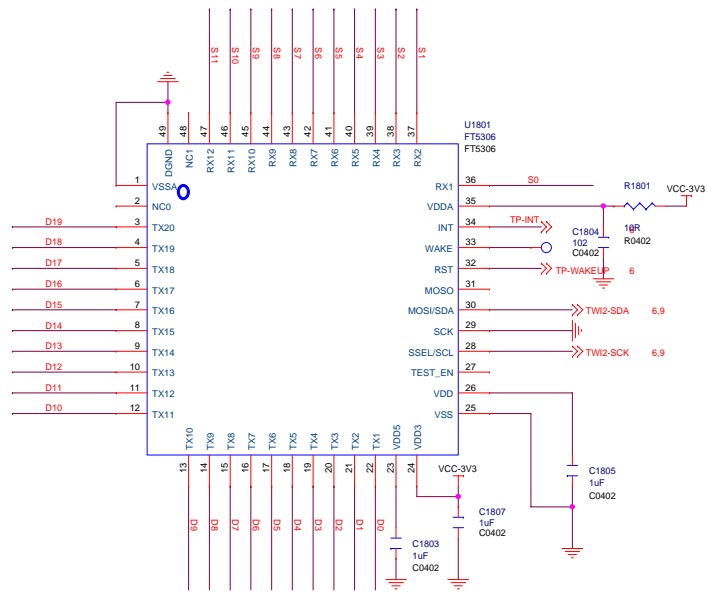
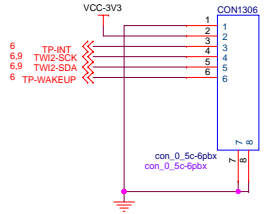
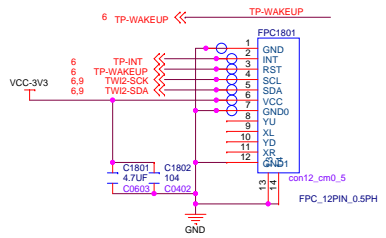
POWER INPUT



POWER LINE: Width >= 60mil



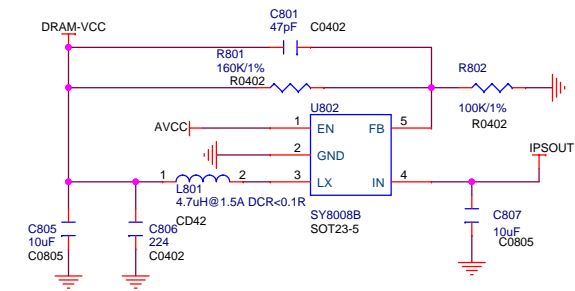
MAINCHIP_PAD_DDR3			
Title POWER-PMU			
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POWER-DC/DC

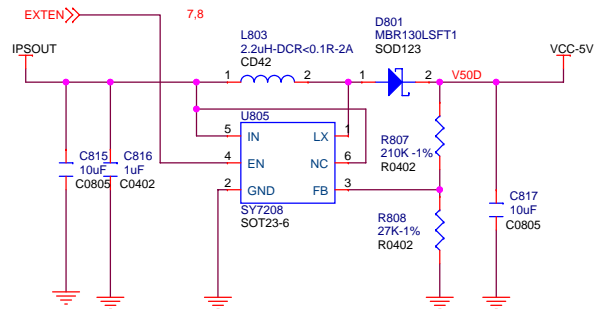
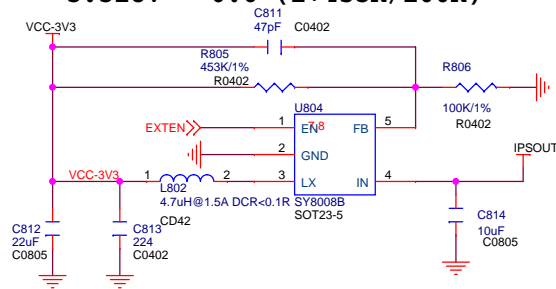
1. 电池充电电感: L1在value标注"4.7uH@1.5A DCR<0.1R"
2. CPU 1.2V电感: L2在value标注"4.7uH@1.5A DCR<0.1R"
3. CPU 1.2V电感: L3在value标注"4.7uH@1.5A DCR<0.1R"
4. VCC-3V3电感: L6在value标注"4.7uH@1.5A DCR<0.1R"
5. DRAM-VCC电感: L11在value标注"4.7uH@1.5A DCR<0.1R"
6. OTG升压电感: OL2在value标注"2.2uH@2A DCR<0.1R"

备注: xuH@xA表示在xA的电流下电感感量还满足xuH, DCR<0.1R表示电感直流电阻要小于0.1欧姆。
 请将所有电感封装都改为CD43, CD32大多数情况下饱和电流不满足目前方案的应用要求。



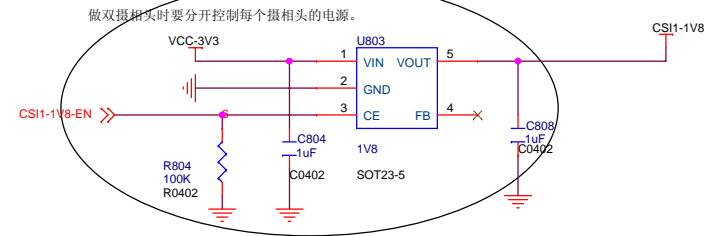
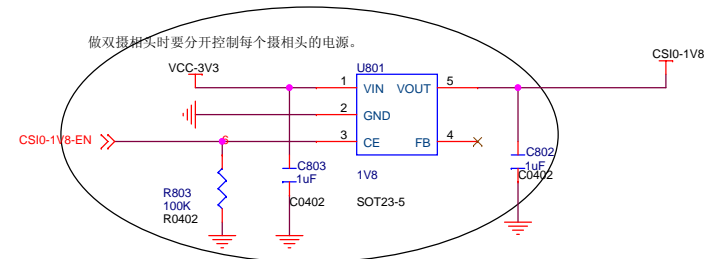
$$V_{out} = 0.6 * (1 + R1/R2)$$

$$3.318V = 0.6 * (1 + 453K/100K)$$



$$V_{out} = 0.6 * (1 + R1/R2) \quad \text{实际输出控制在5.2V}$$

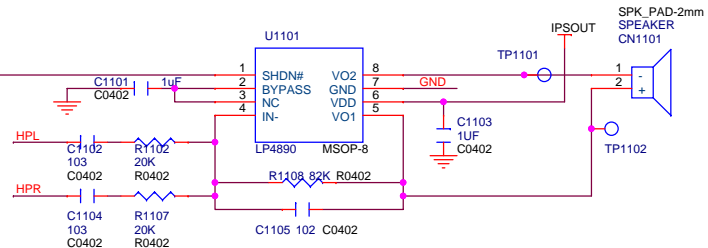
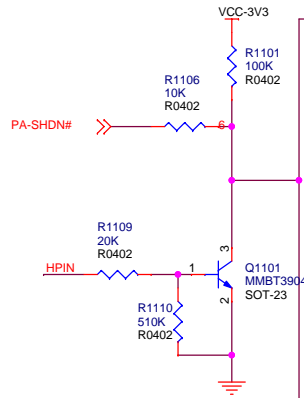
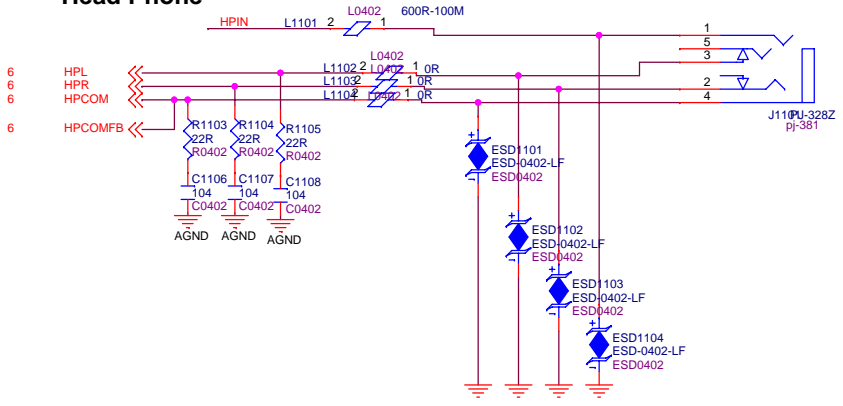
$$5.26V = 0.6 * (1 + 210K/27K) \quad \text{实际输出控制在5.26V}$$



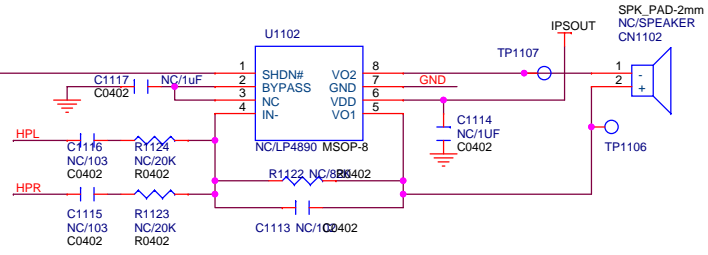
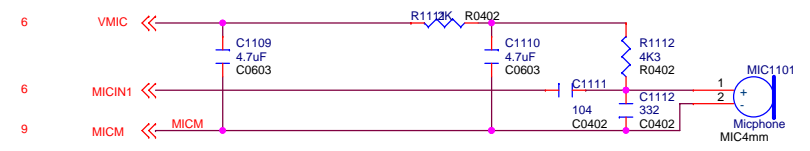
MAINCHIP_PAD_DDR3			
File	POWER-DC/DC		
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HP-KEY-MIC-IR-TVOUT

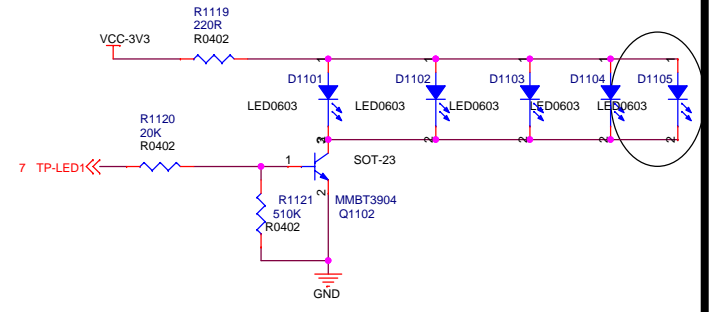
Head Phone



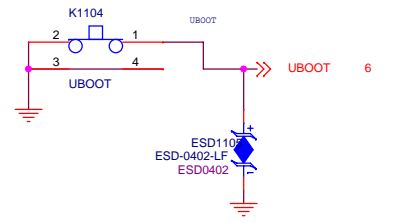
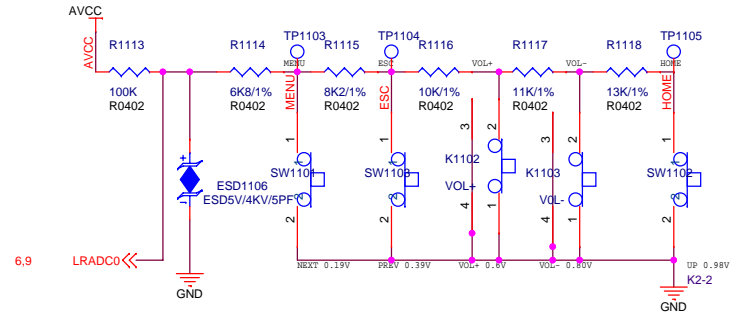
Microphone



IR MODULE



KEY

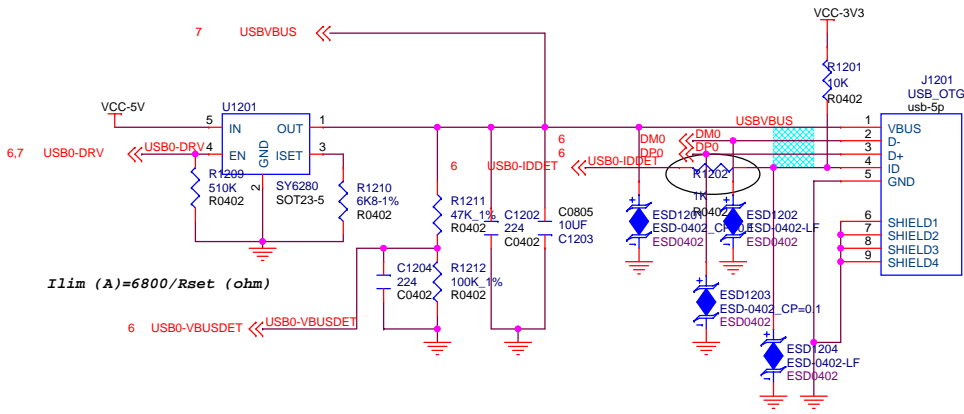


此按键对应模具上的隐藏小孔
用于固件升级，必须保留。

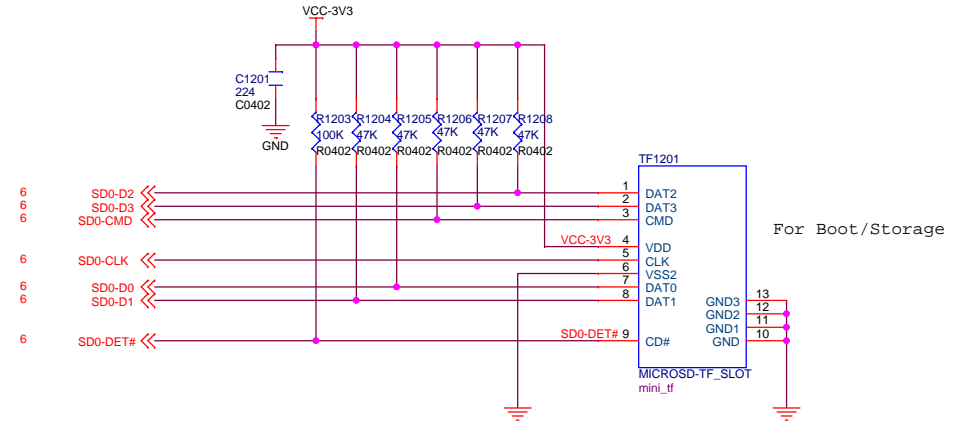
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USB-CARD

USB_OTG



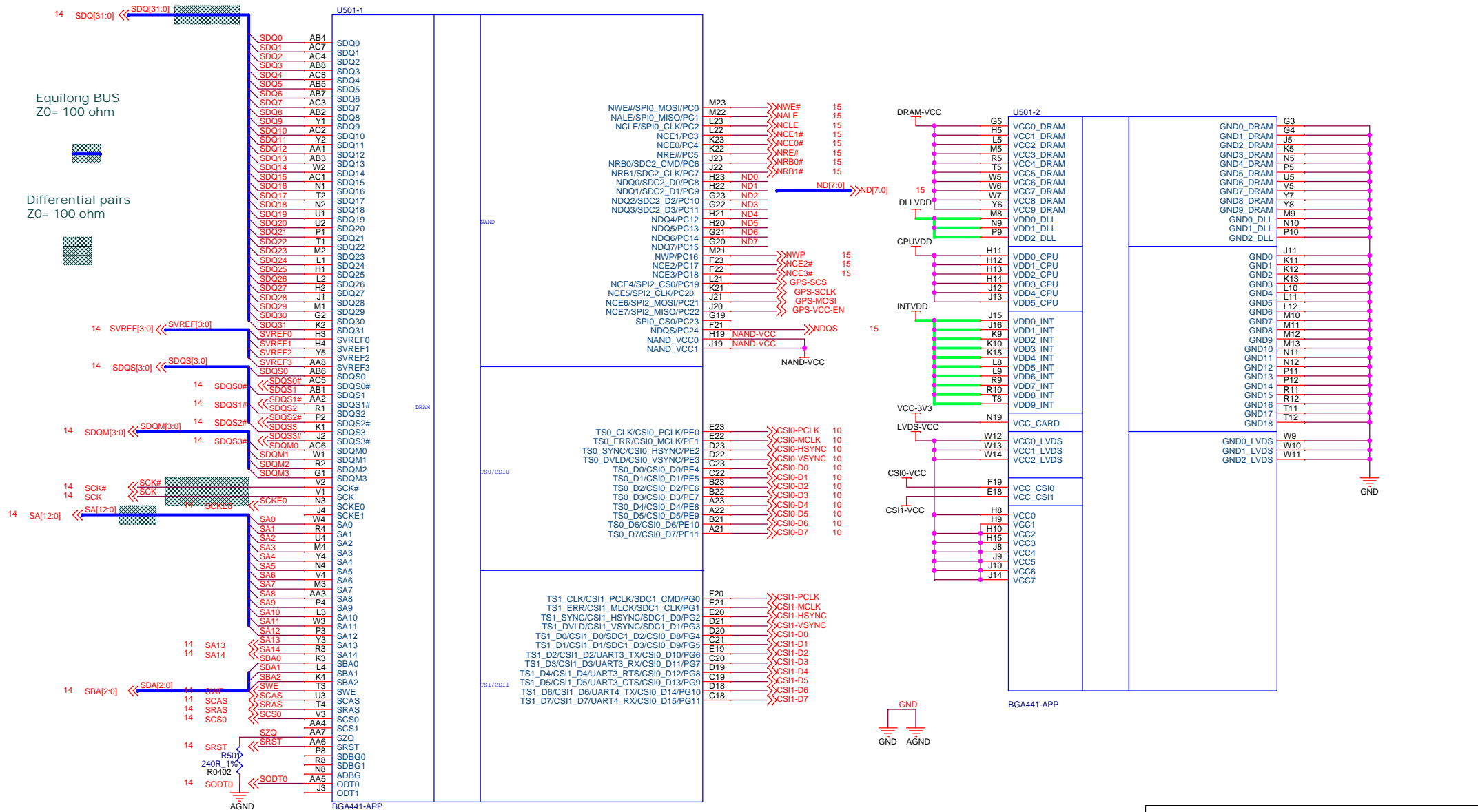
CARD0



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MAINCHIP_PAD_DDR3			
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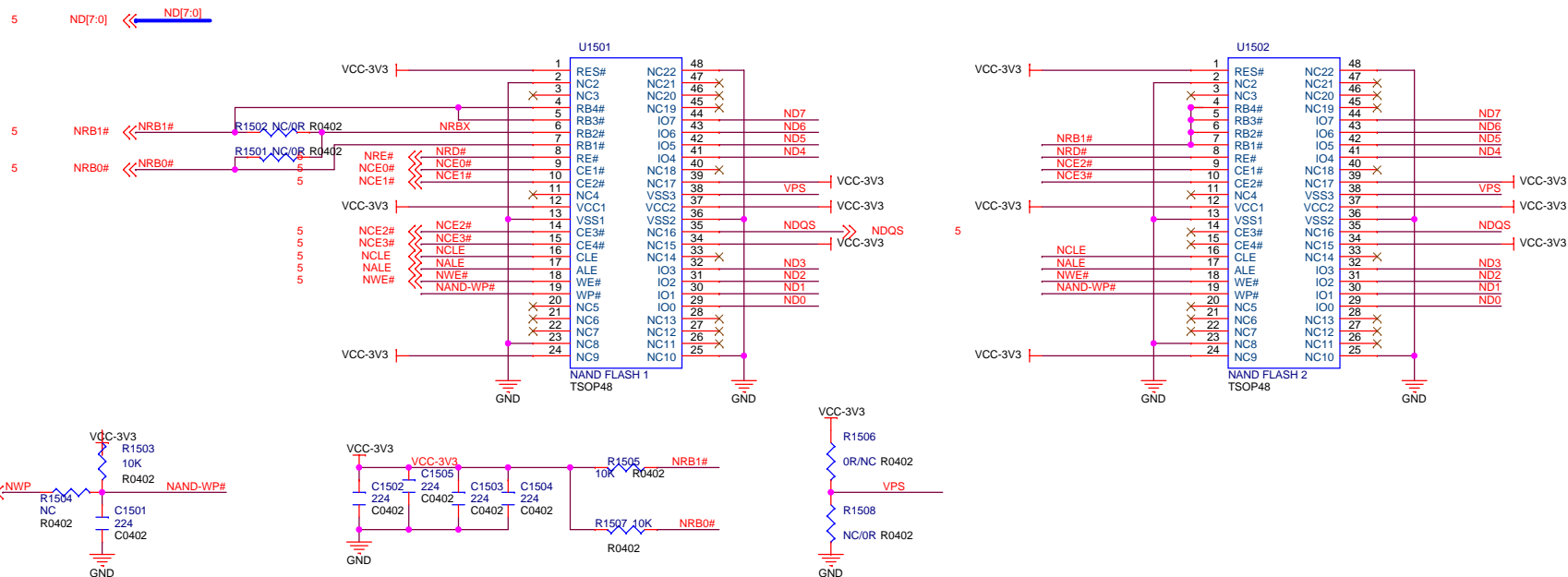
CPU1



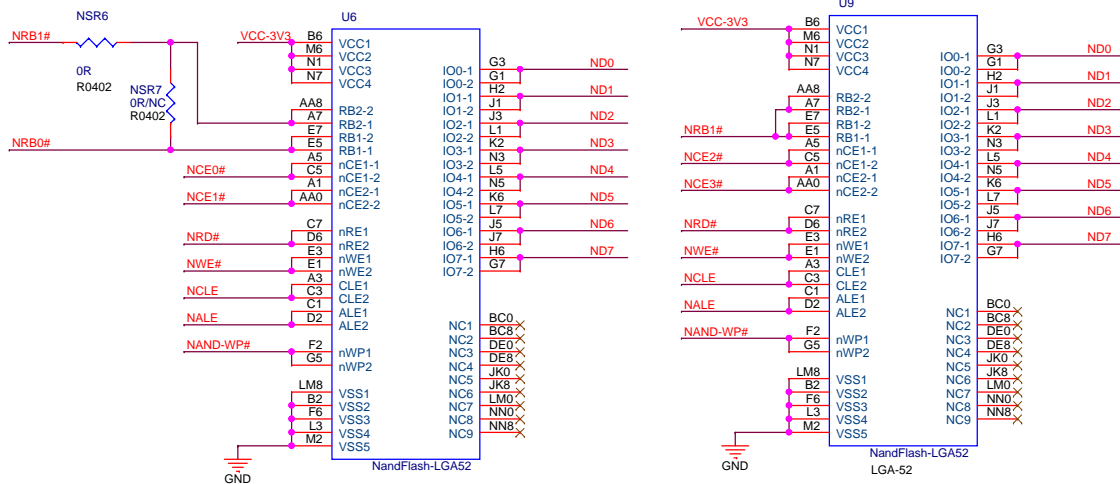
MAINCHIP_PAD_DDR3			
File	CPU1		
Size	Document Number	<V1.0>	Rev
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NAND Flash

TSOP-48 Nand



LGA-52



- 接1片单片选Nand 时, NSR2、NSR1断开
- 接1片双片选Nand 时, 连接NSR2, 断开NSR1
- 接1片四片选Nand 时, 连接NSR1, 断开NSR2
- 接2片单片选或接2片双片选Nand时, 连接NSR1, 断开NSR2
- 接Intel、Toshiba、Samsung 2xnm TSOP Nand时, NSR4连接, NSR5断开; 其它的NSR4断开, NSR5连接

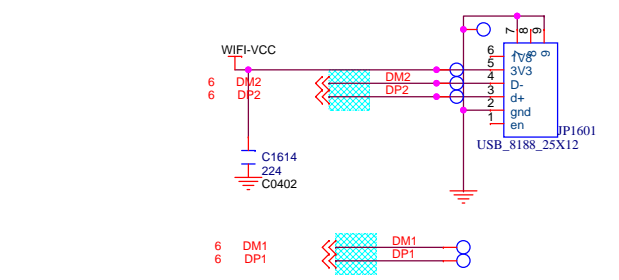
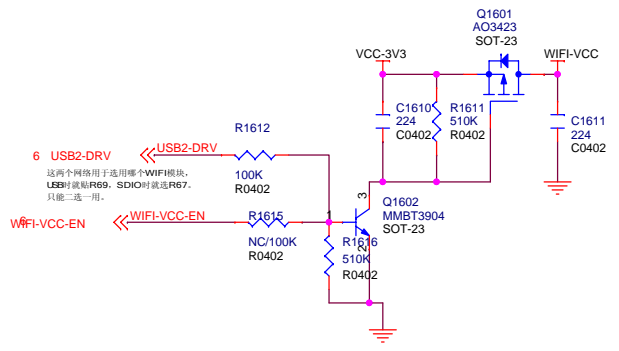
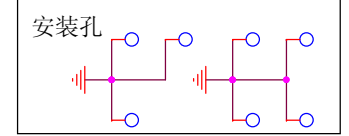
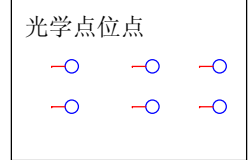
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Title			
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DEBUG



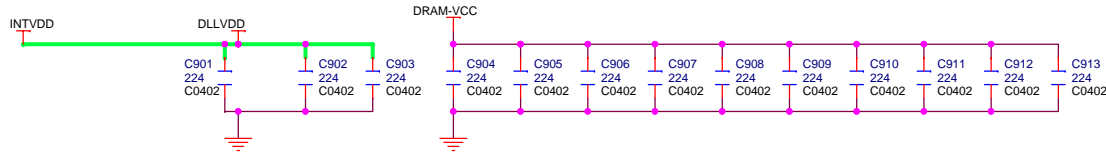
预留DEBUG测试点，以备调试使用



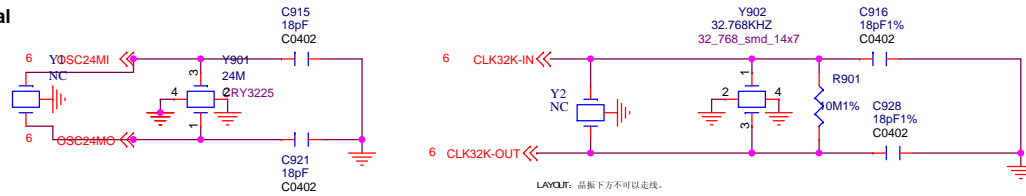
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Size	Document Number	Rev	
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BESIDE CPU

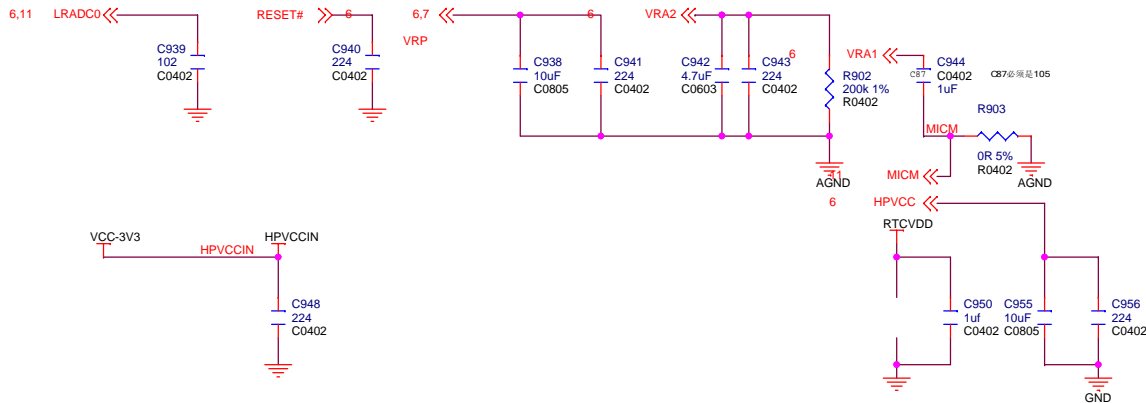
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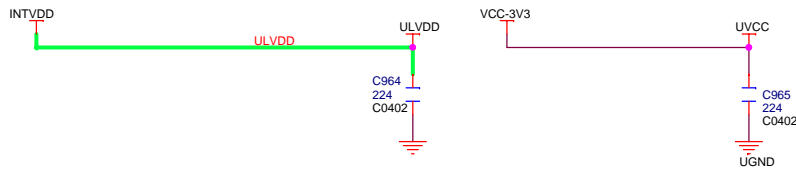
Crystal



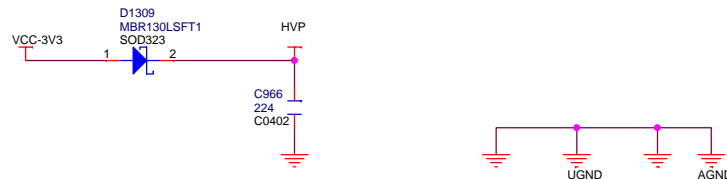
AUDIO&SYS&TP



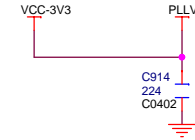
USB



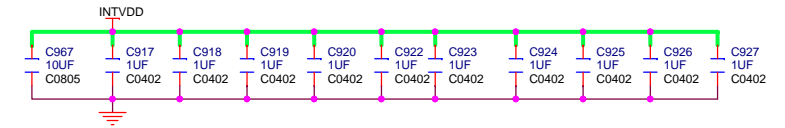
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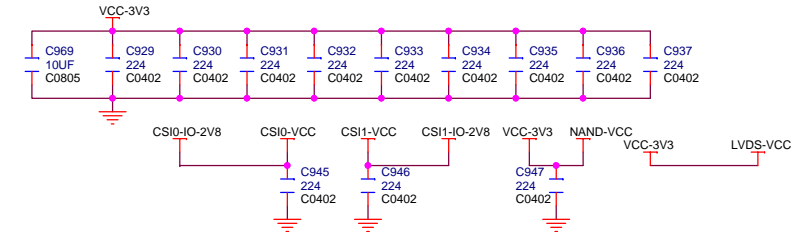
PLL



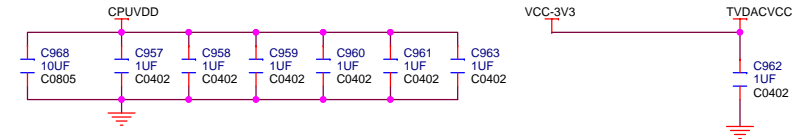
CORE



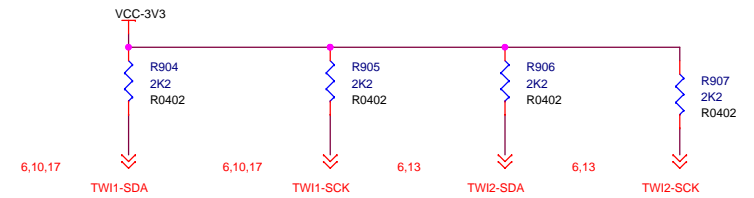
PIO-INTERFACE



CPU&TV



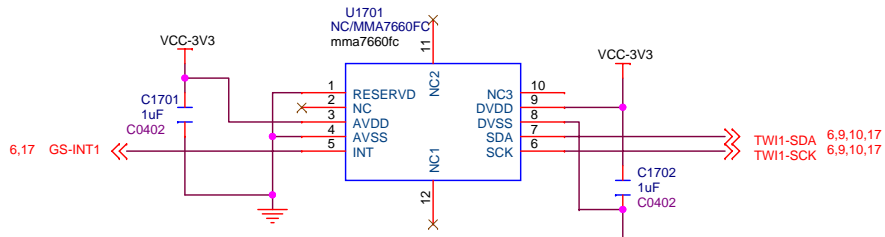
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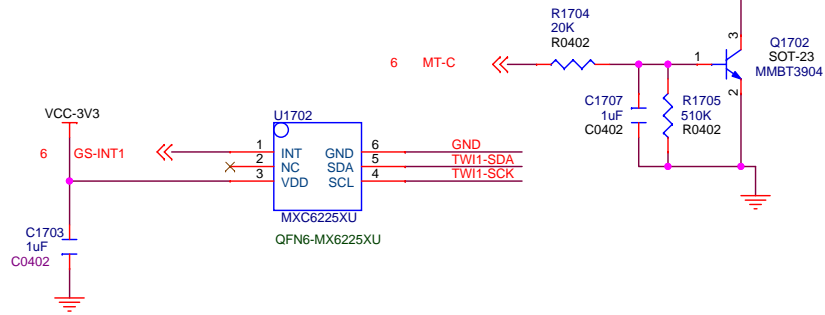
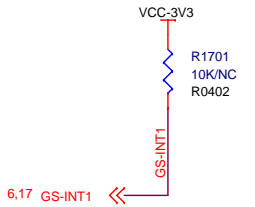
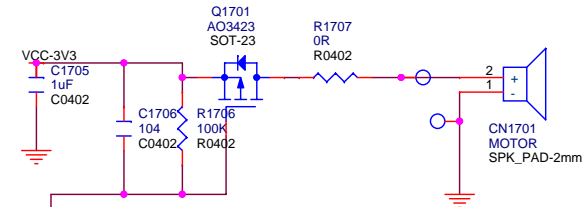
MAINCHIP_PAD_DDR3

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BESIDE CPU		
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G-SENSOR



摆放时务必注意G-Sensor在背对屏幕的那面，PIN 1朝屏幕左上角



右上方放置PIN1脚，与屏平行放置，放在屏的左上方

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