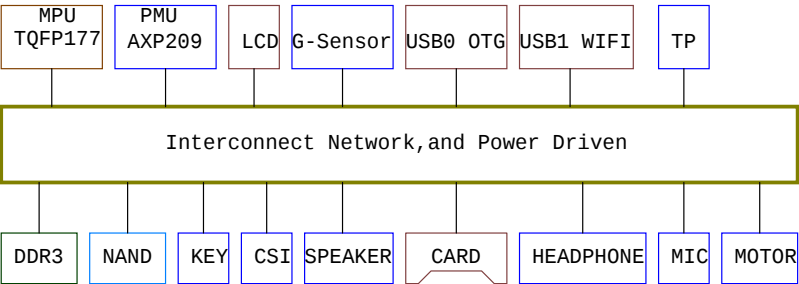


COVER

BLOCK



GPIO ASSIGNMENT

CPU	Define	Function
PB0	TWI0_SCK	TWI0
PB1	TWI0_SDA	
PB2	PWM0	LCD
PB3	GPIO-OUT	TP-WAKE-RST
PB4	NC	
PB10	GPIO-OUT	CSI-STY
PB15	TWI1_SCK	TWI1
PB16	TWI1_SDA	
PB17	TWI2_SCK	TWI2
PB18	TWI2_SDA	
PG0	INPUT	SD0-DET-N
PG1	GPIO-IN	USB0-VBUSDET
PG2	GPIO-IN	USB0-IDDET
PG3	GPIO-OUT	CSI-STY-1
PG4	GPIO-OUT	CSI-RST-1
PG9	GPIO-OUT	MT-EN
PG10	GPIO-OUT	PA-SHDN
PG11	EINT	TP-INT
PG12	GPIO-OUT	USB0-DRV
PMU	Define	Function
GPIO0	GPIO-OUT	LCD-PWR
GPIO1	GPIO-OUT	LCD-BL-EN
GPIO2	GPIO-OUT	CSI-PWR-EN
GPIO3	GPIO-OUT	CSI-RST

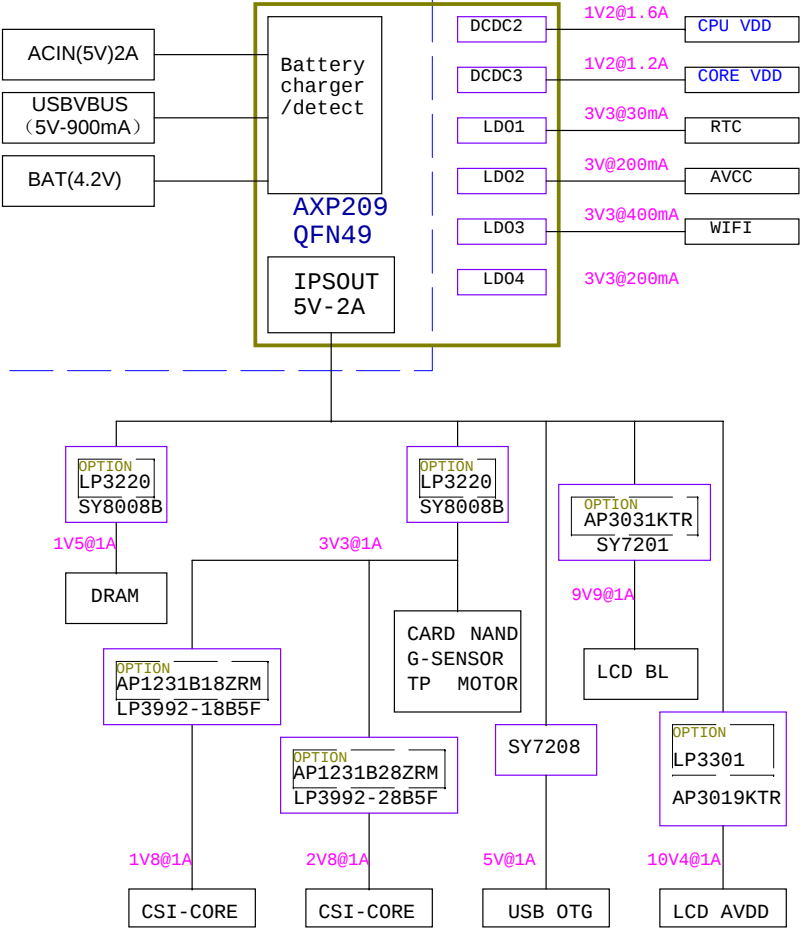
特别提醒:
1: PG0 / PG1 / PG2这三个PIN脚
只具有INPUT/中断/专有功能
2: PMU的GPIO0/1/2/3这四个PIN脚
只做GPIO-OUTPUT功能
3: PG10 /PG11 /PG12这三个PIN脚
的功能不可改变

REVISION HISTORY

Revision	Description	Date	Drawn	Checked	Approved
APP3_PAD_DDR3_V1_22	version 1.22		YT		
APP3_PAD_DDR3_V1_23	version 1.23	2012.03.28	YT		

POWER TREE

LAYOUT: ACIN、BAT、IPSOUT输入或
输出线，从PMU管脚处就要保证尽量粗。

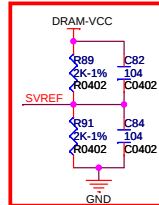
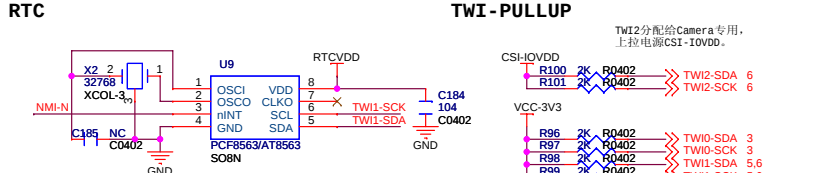
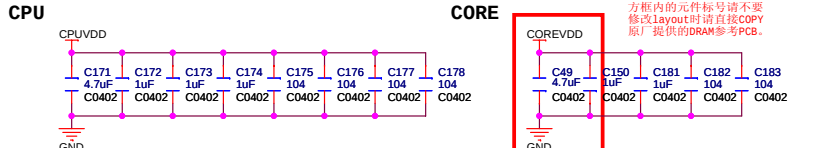
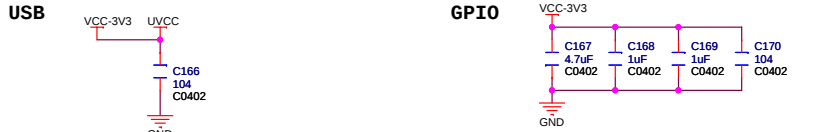
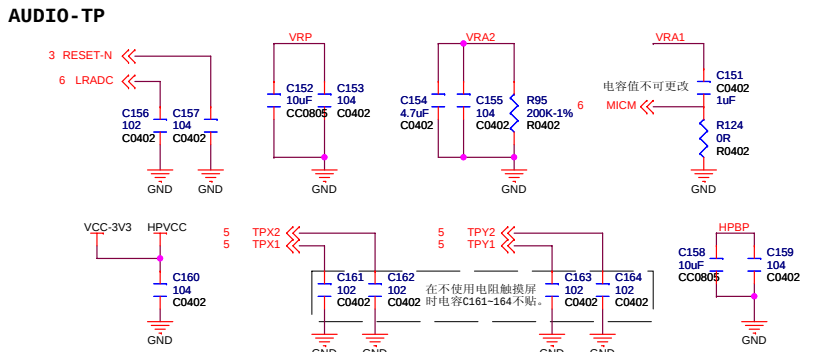
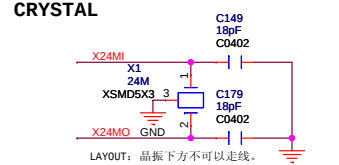
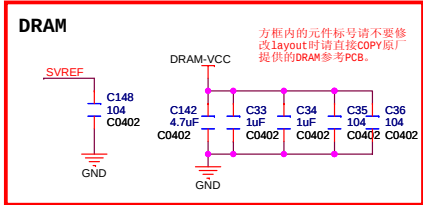
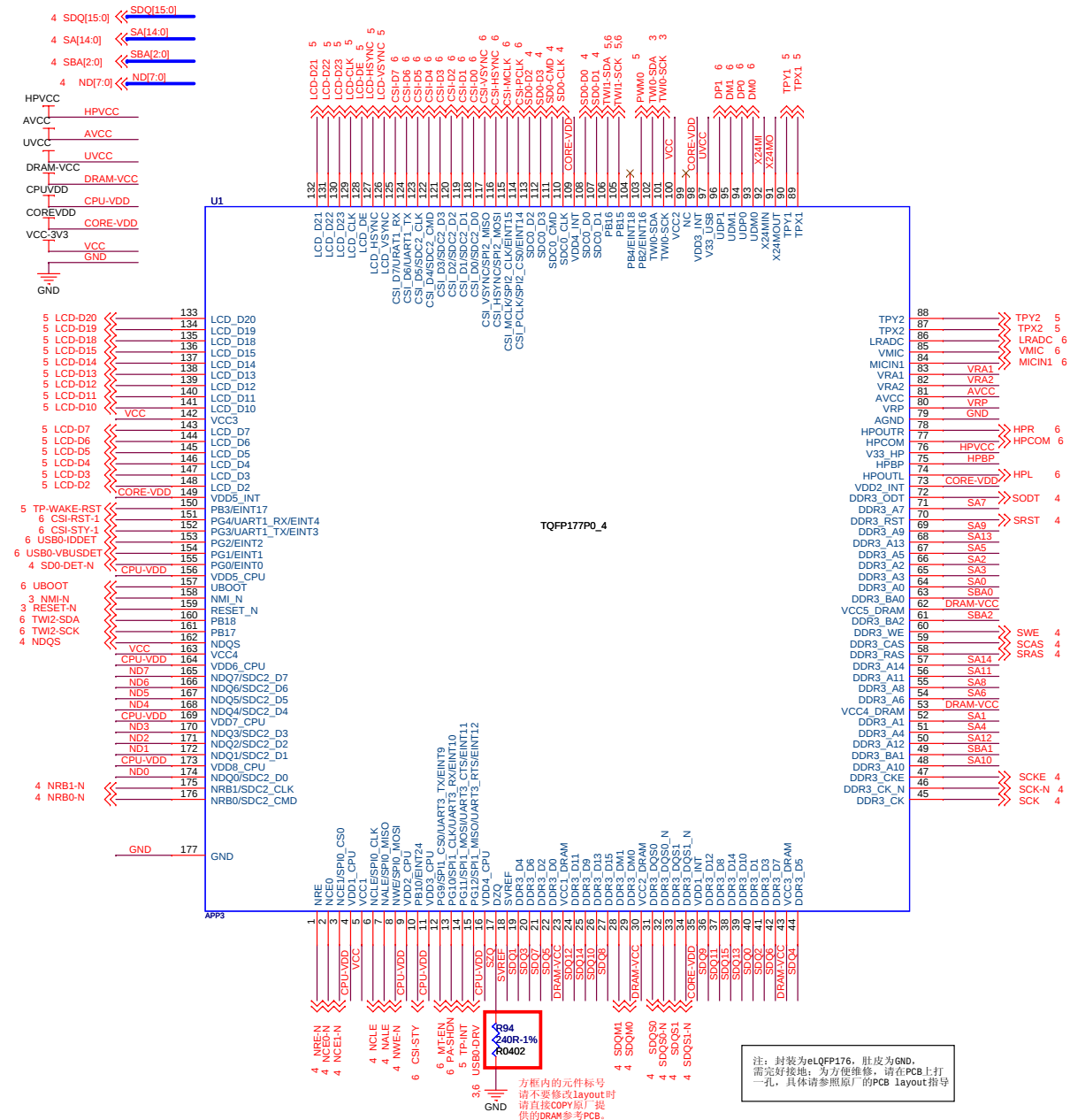


Schematics Index

- 01 COVER
- 02 CPU
- 03 POWER
- 04 MEMORY
- 05 DISPLAY
- 06 MISC
- 07 WIFI

File		
APP3_PAD_DDR3		
Size	Document Name	Rev
A3	COVER	
Date	Sheet 1 of 7	

CPU



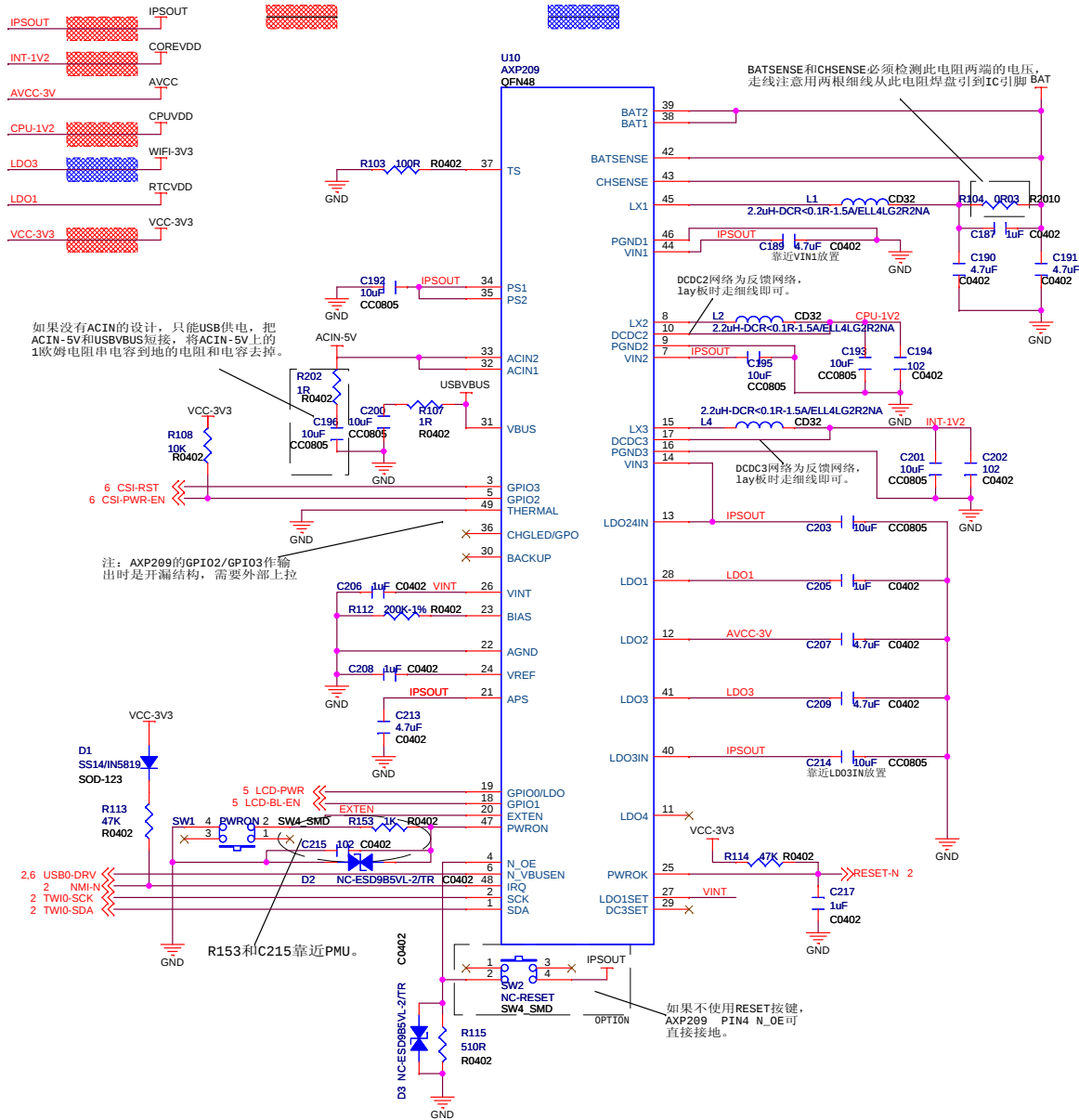
方框内的元件标号请不要
layout时请直接COPY原
的DRAM参考PCB

Title			
APP3_PAD_DDR3			
Size A3	Document Name CPU		Rev

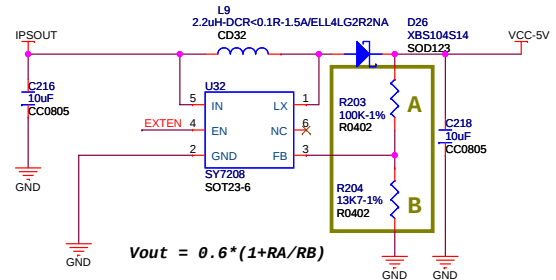
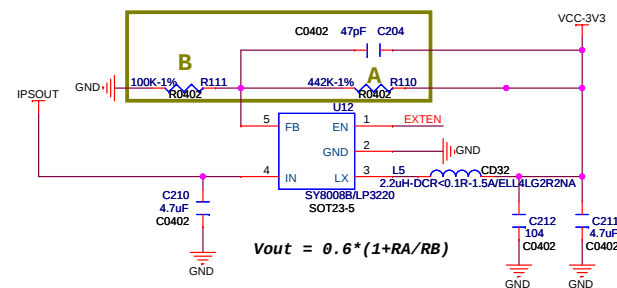
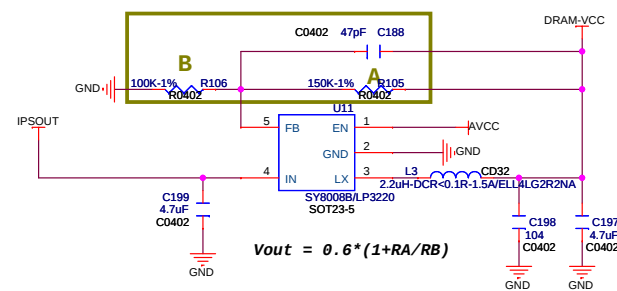
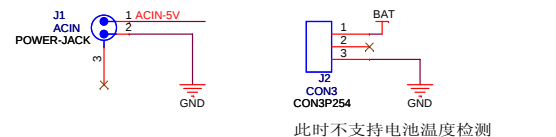
POWER

POWER LINE:Width>=80mil

POWER LINE:Width>=50mil

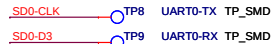


注: 2.2uH-DCR<0.1R-1.5A
表示在1.5A的电流下电感感量还满足2.2uH,
DCR<0.1R表示电感直流电阻要小于0.1欧姆。



Title			
APP3_PAD_DDR3			
Size	Document Name		Rev
A3	POWER		A
Date:	Sheet	3	of 7

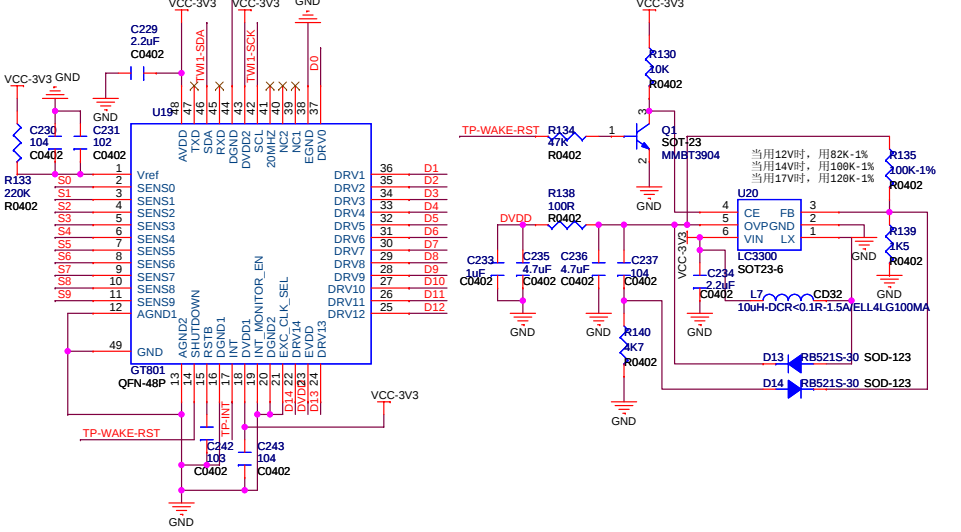
DDR3



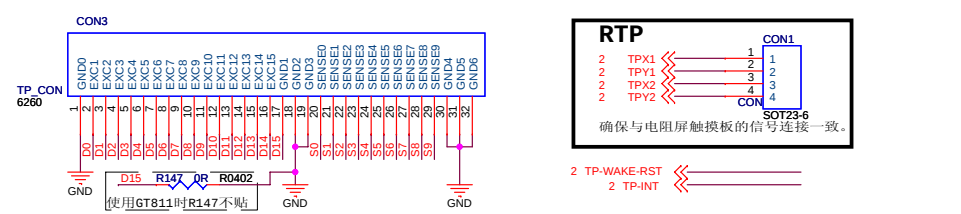
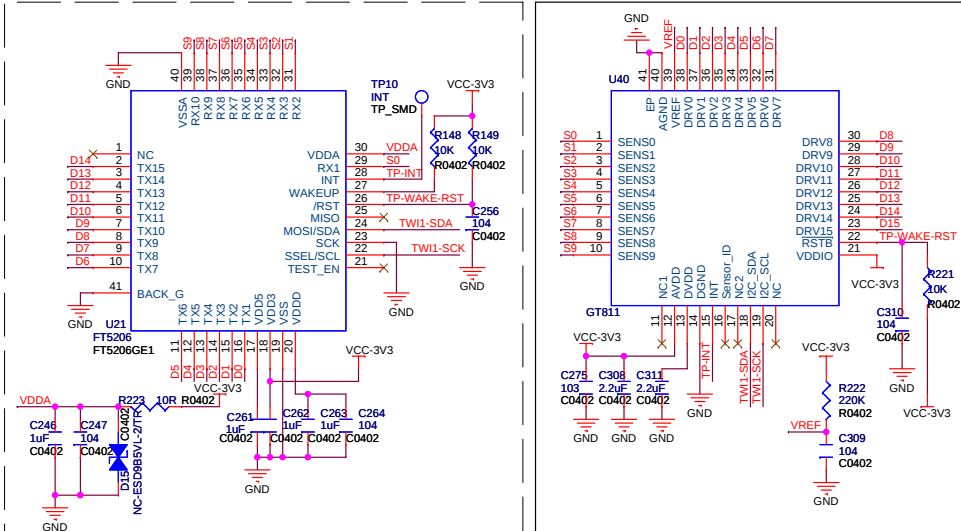
Title			
APP3_PAD_DDR3			
Size	Document Name		Rev
A3	MEMORY		
Date:	Sheet	4	of 7

DISPLAY

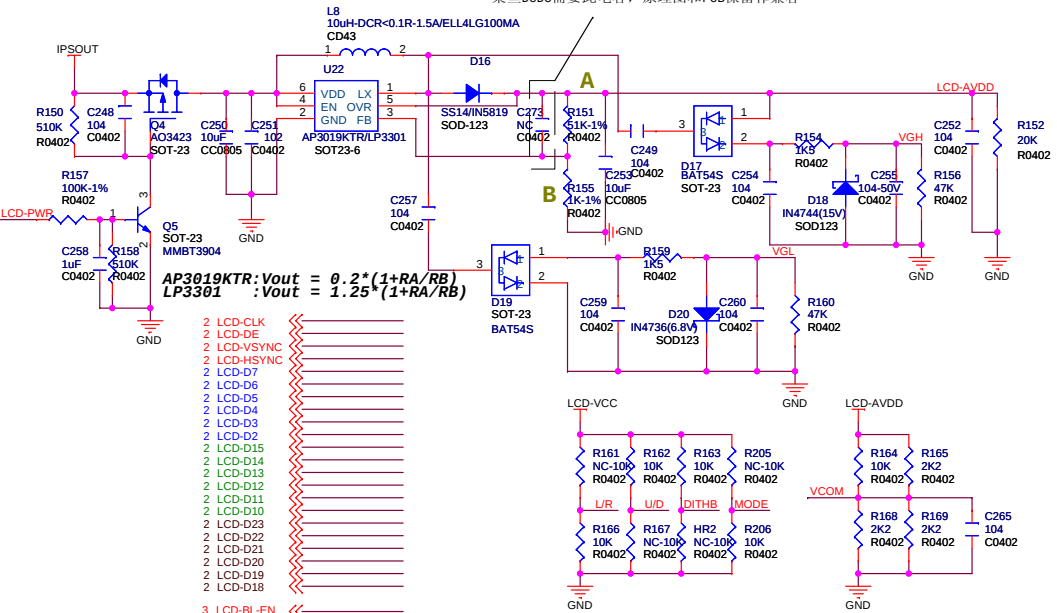
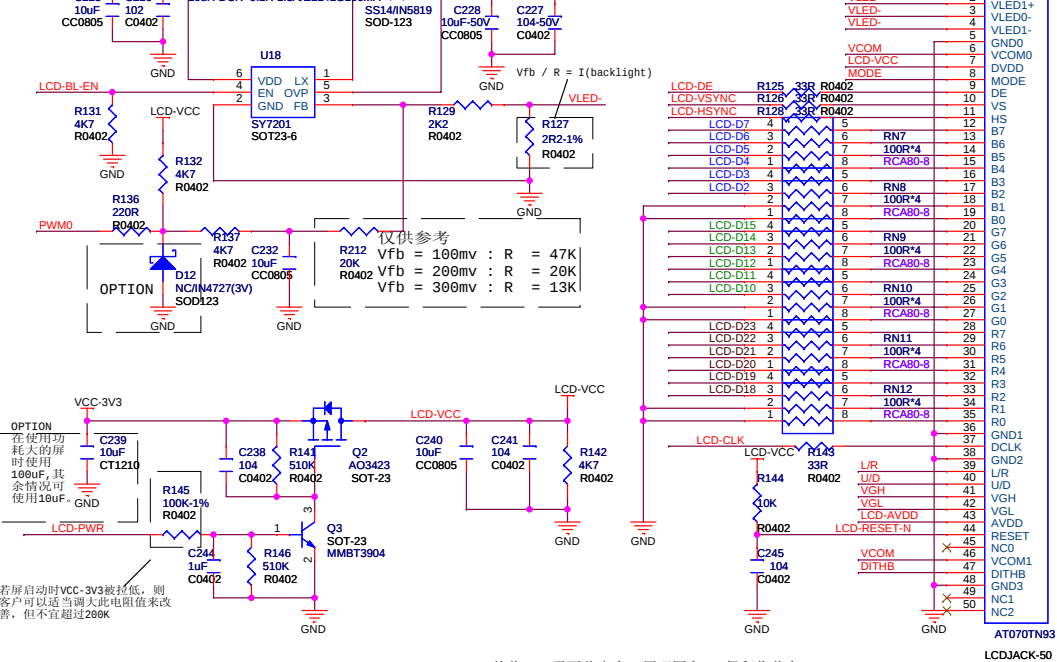
TP



PCB上双LAYOUT

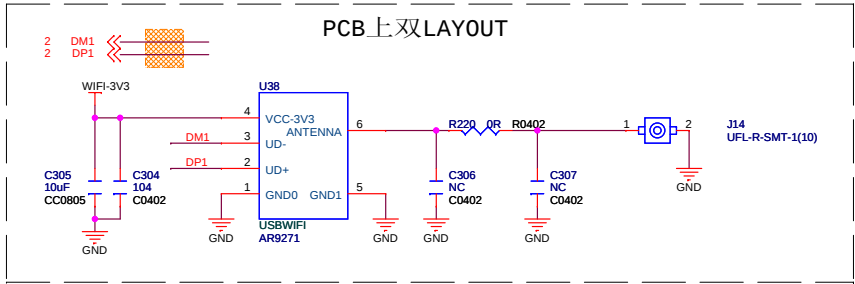
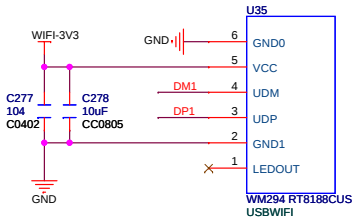


LCD



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WIFI



File			APP3_PAD_DDR3
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