

野火i.MX RT1052 Pro底板

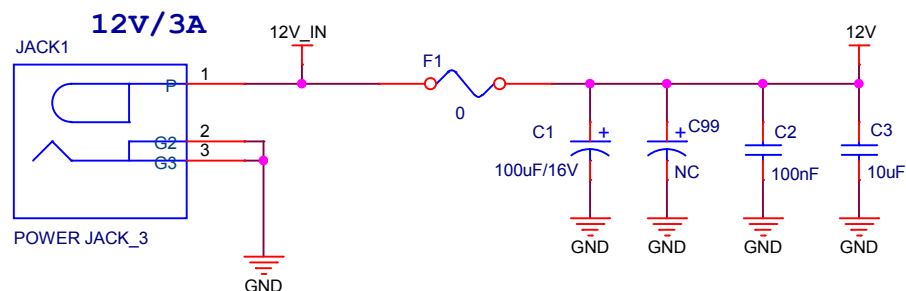
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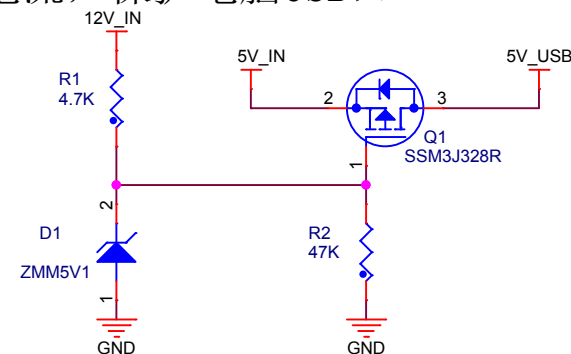
历史版本

版本号	日期	设计	描述
V0.1	2018-03-13	cancore	初始版本
V0.2	2018-04-19	cancore	同轴与串口之间增加跳帽，修改部分封装及结构
V1.0	2018-05-02	cancore	更换sensor,增加SD卡供电控制电路

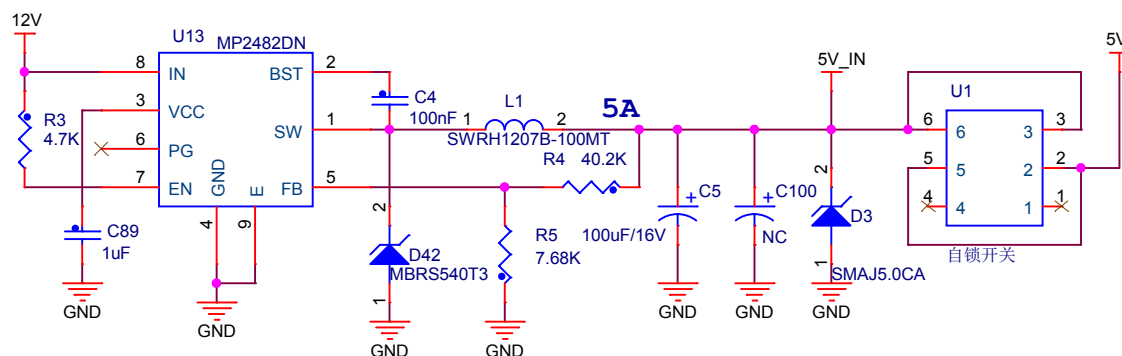
DC JACK



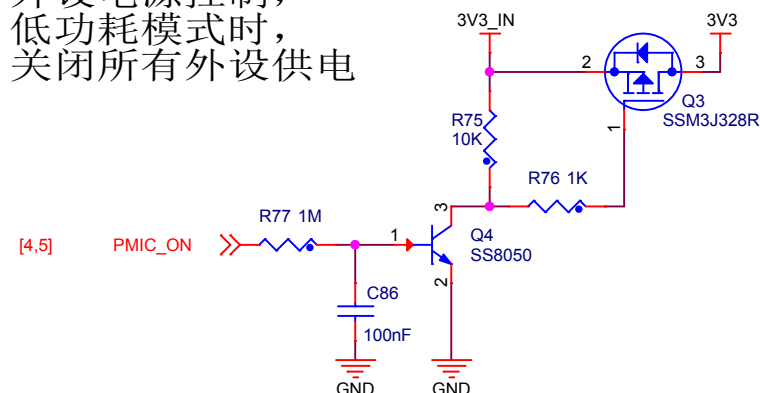
外部电源供电时断开USB供电，
防止灌电流，保护电脑USB口



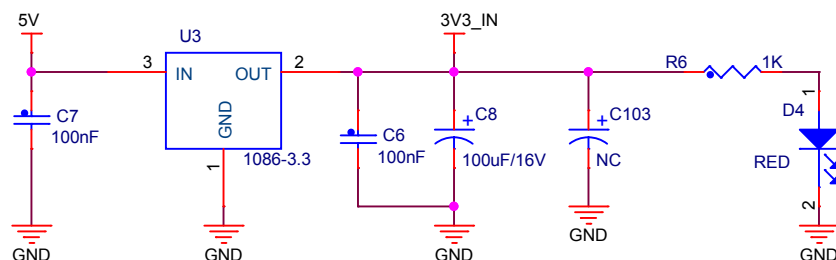
DC/DC 5V



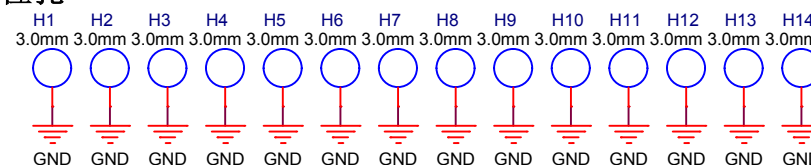
外设电源控制，
低功耗模式时，
关闭所有外设供电



LDO 3.3V



定位孔



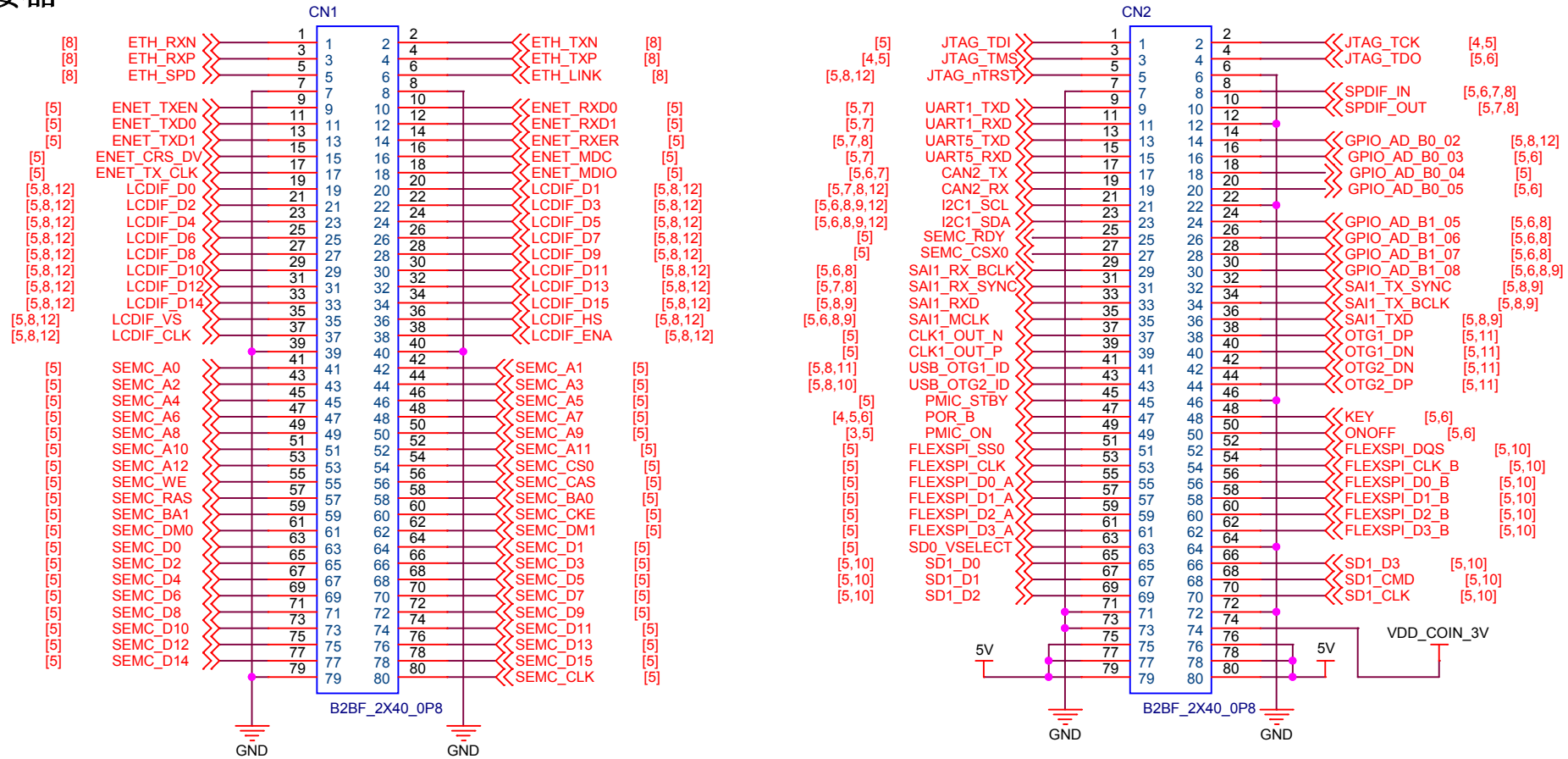
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Title	野火i.MX RT1052 Pro底板
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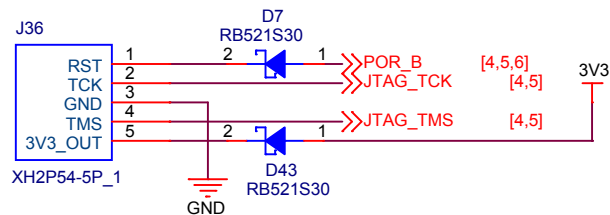
Size A4	Document Number 电源	Rev V1.0
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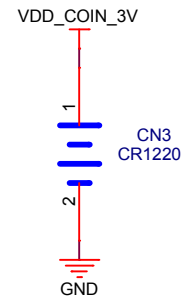
连接器



JTAG调试口



RTC电池



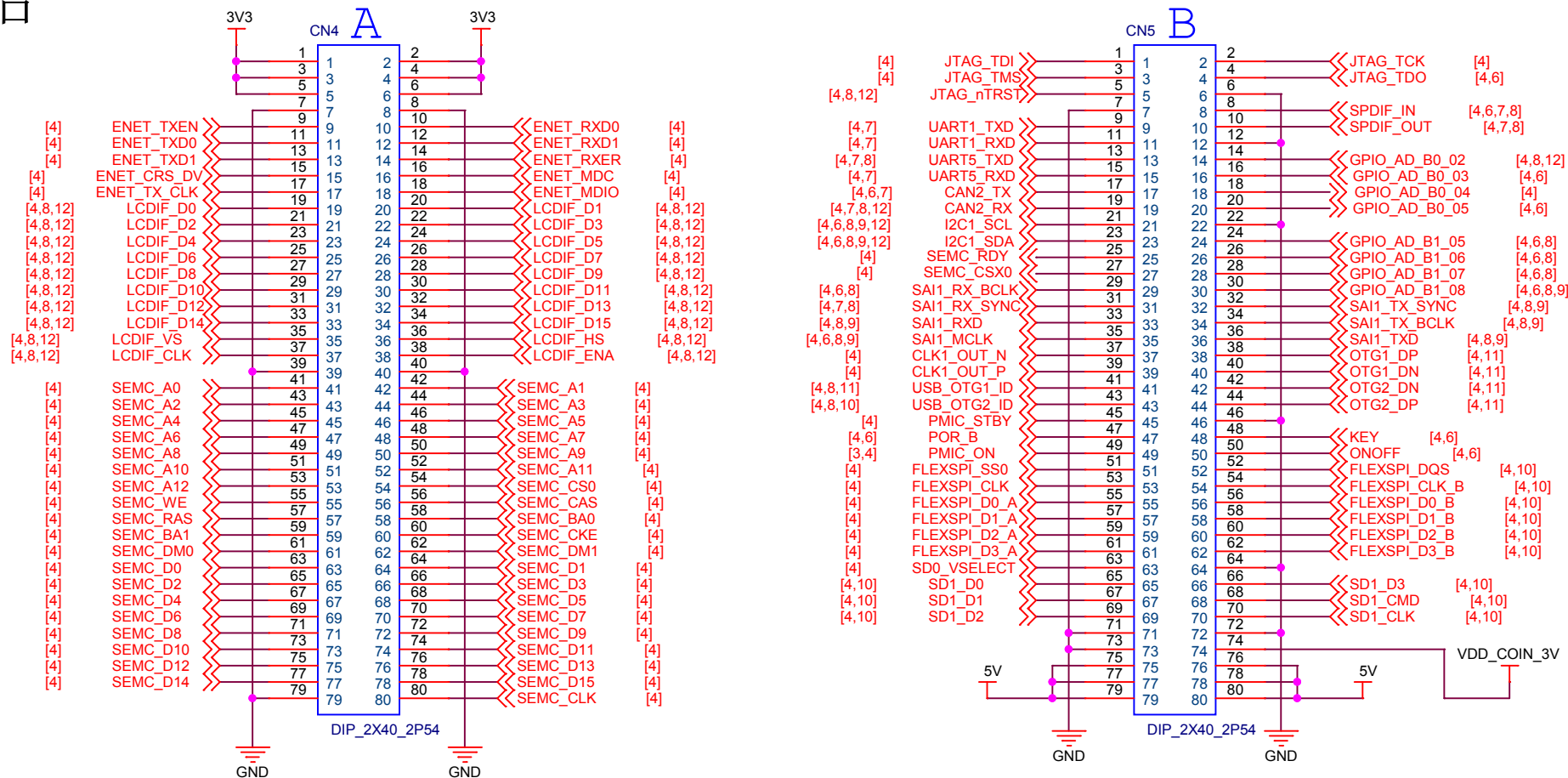
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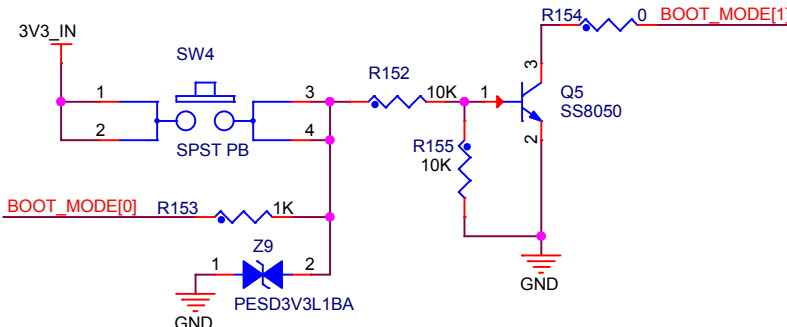
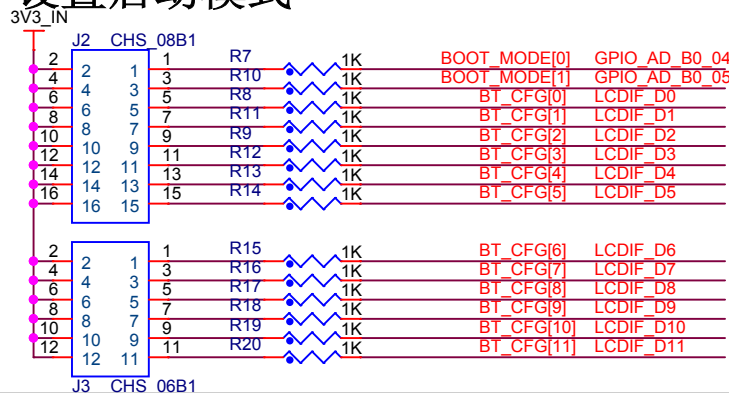
Size A4	Document Number B2B_Conector	Rev V1.0
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引出IO口



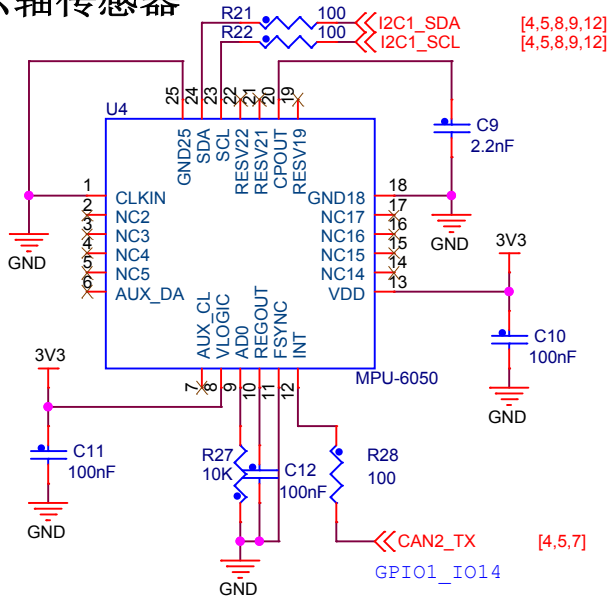
设置启动模式



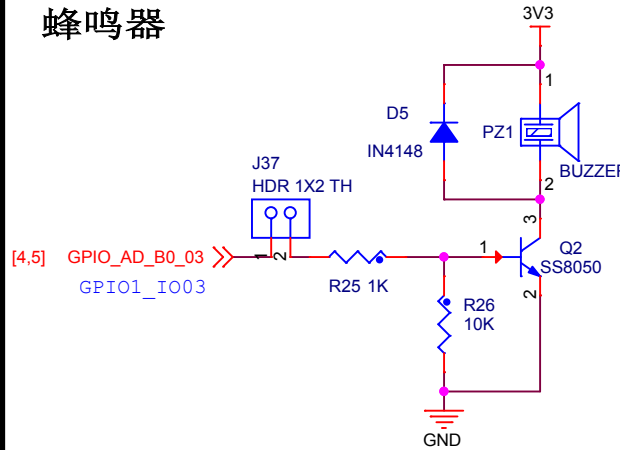
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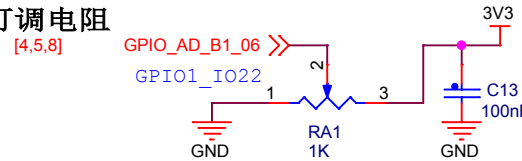
六轴传感器



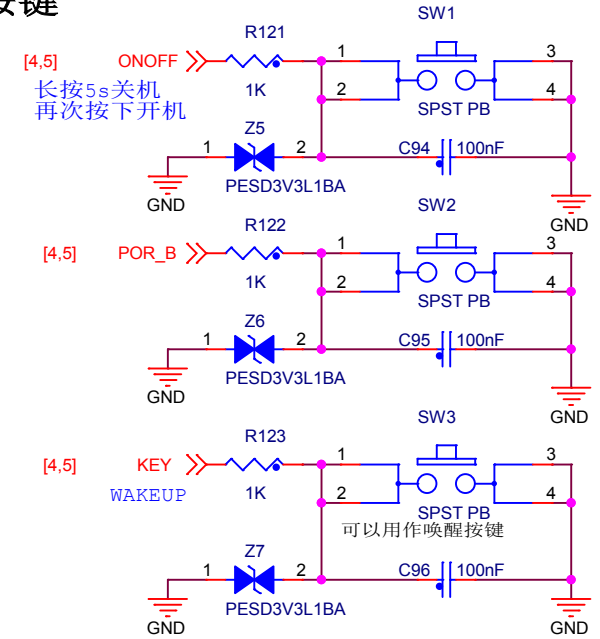
蜂鸣器



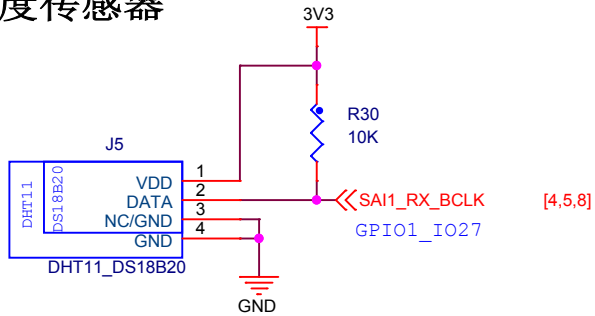
可调电阻



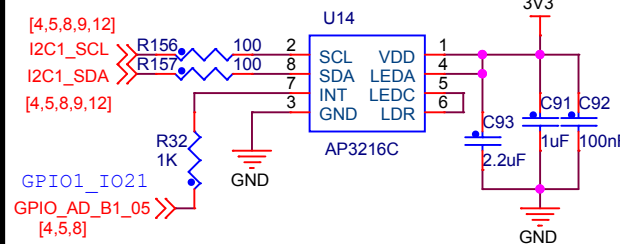
按键



温湿度传感器

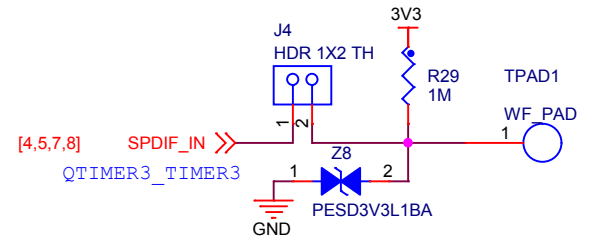


ALS+PS+IRLED (三合一)

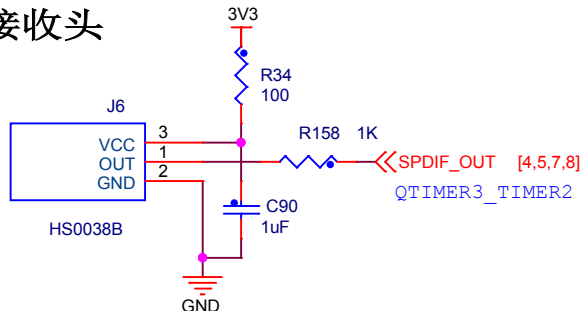


触摸按键

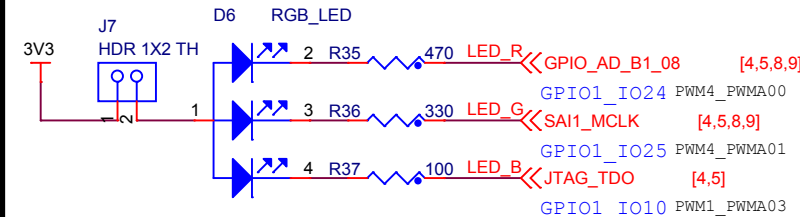
!!! 使用触摸按键时需要断开跳帽J42、J43、J44



红外接收头



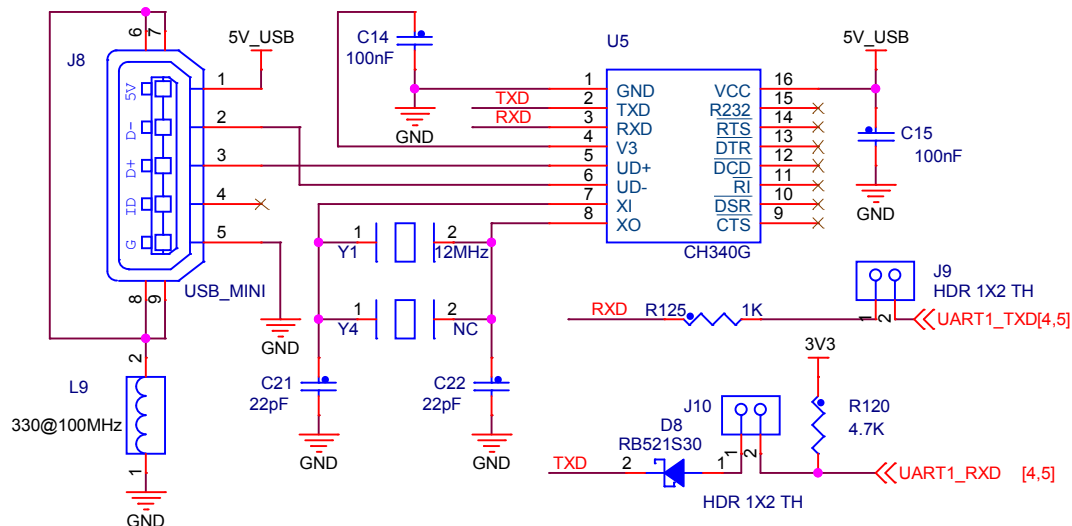
彩色LED



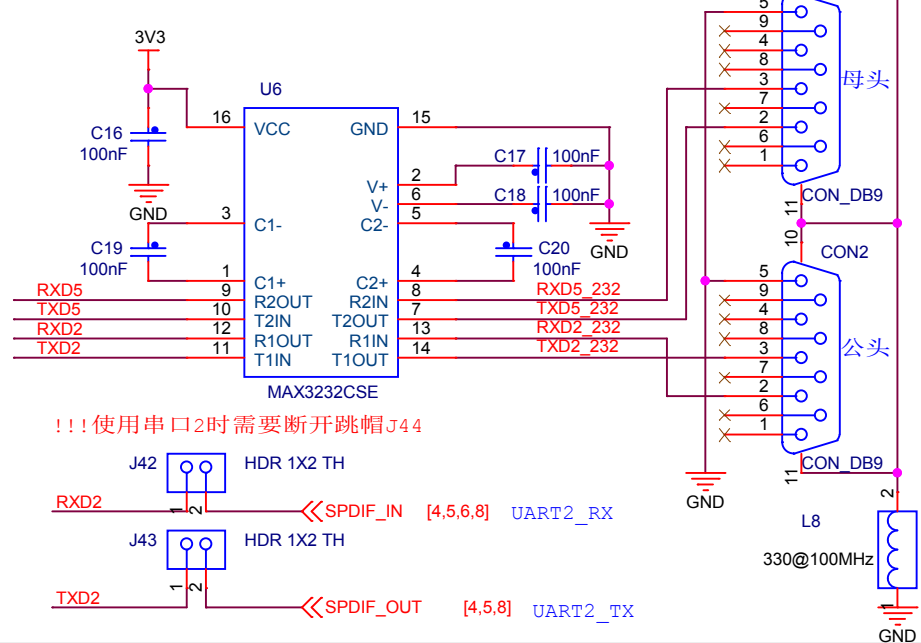
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Size A4	Document Number SENSOR/KEY/LED	Rev V1.0
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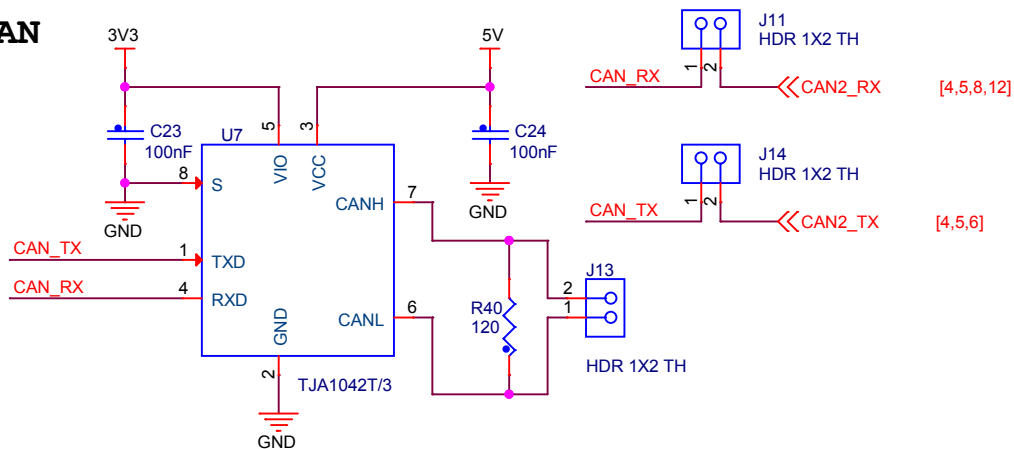
USB转串口



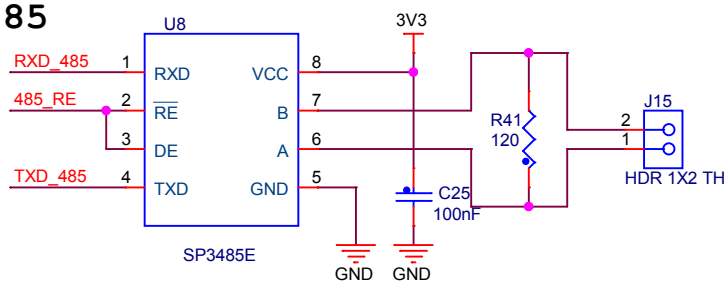
串口RS232



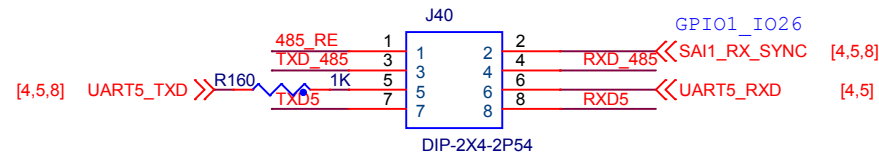
CAN



RS485



跳帽选择



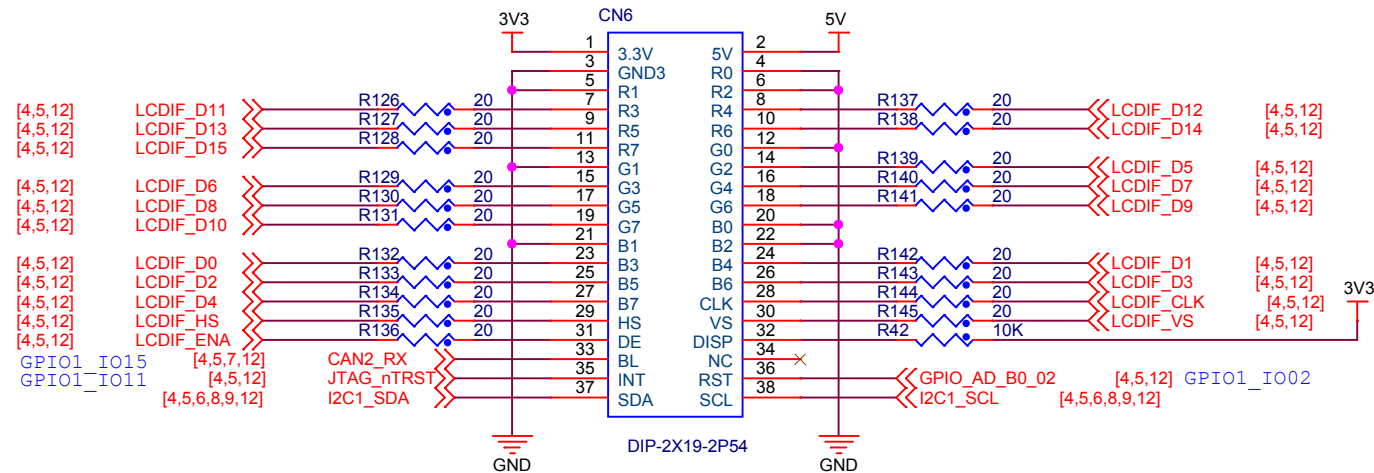
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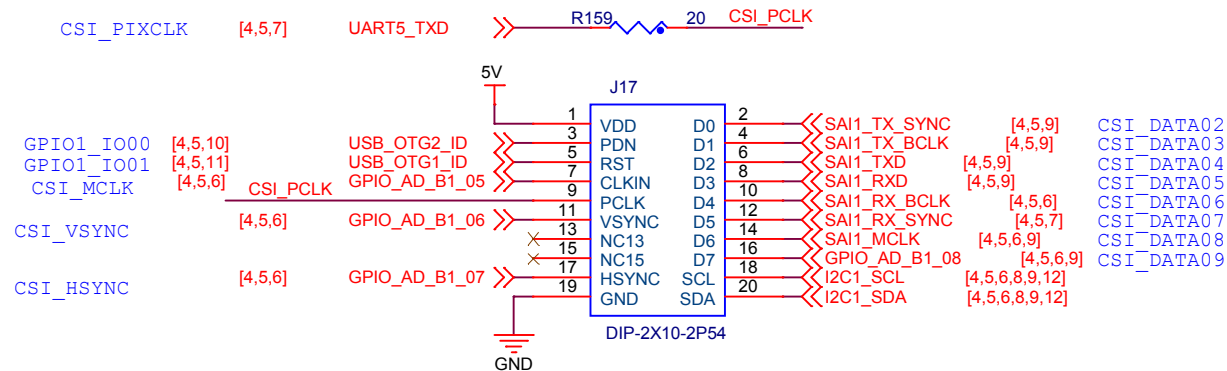
Size A4 Document Number UART/CAN/RS232/RS485 Rev V1.0

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液晶接口 RGB565



摄像头接口



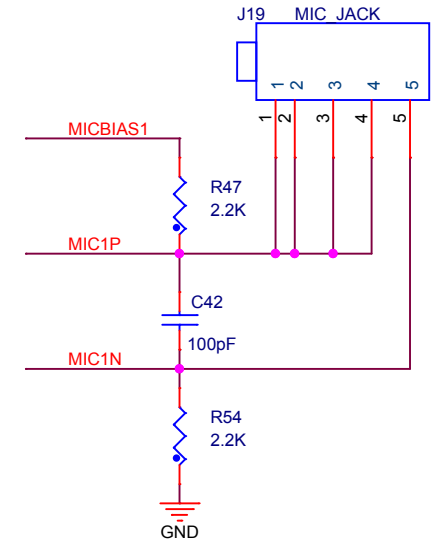
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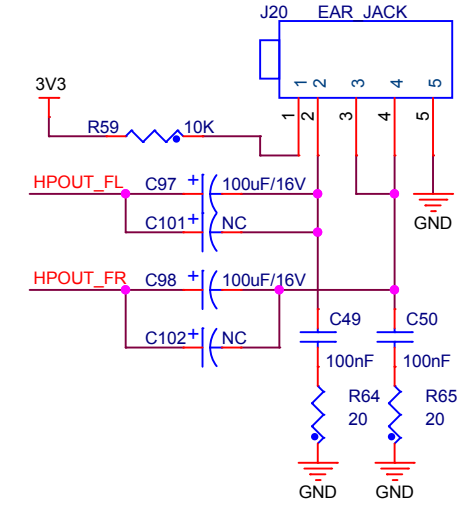
Size A4	Document Number LCD/CSI	Rev V1.0
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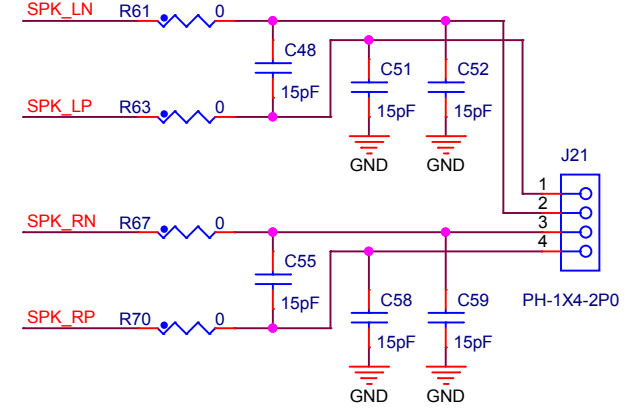
MIC插头



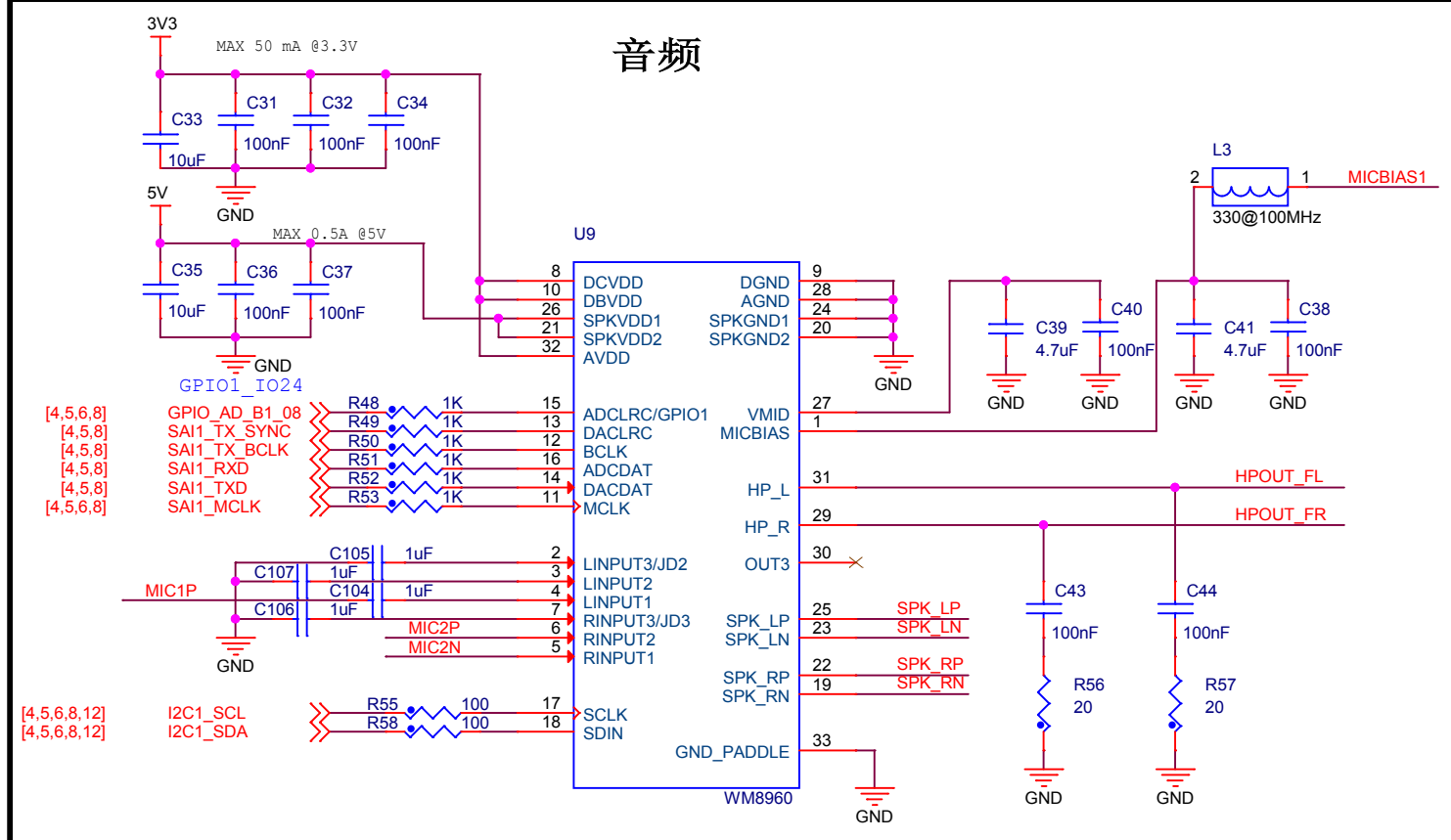
耳机插头



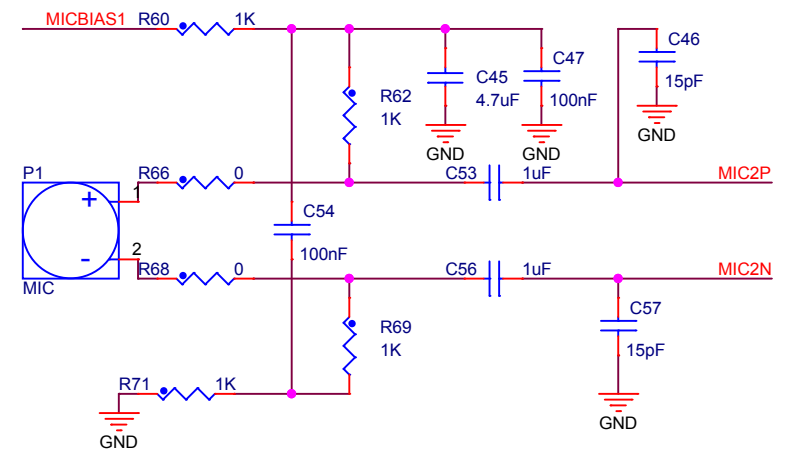
扬声器插头



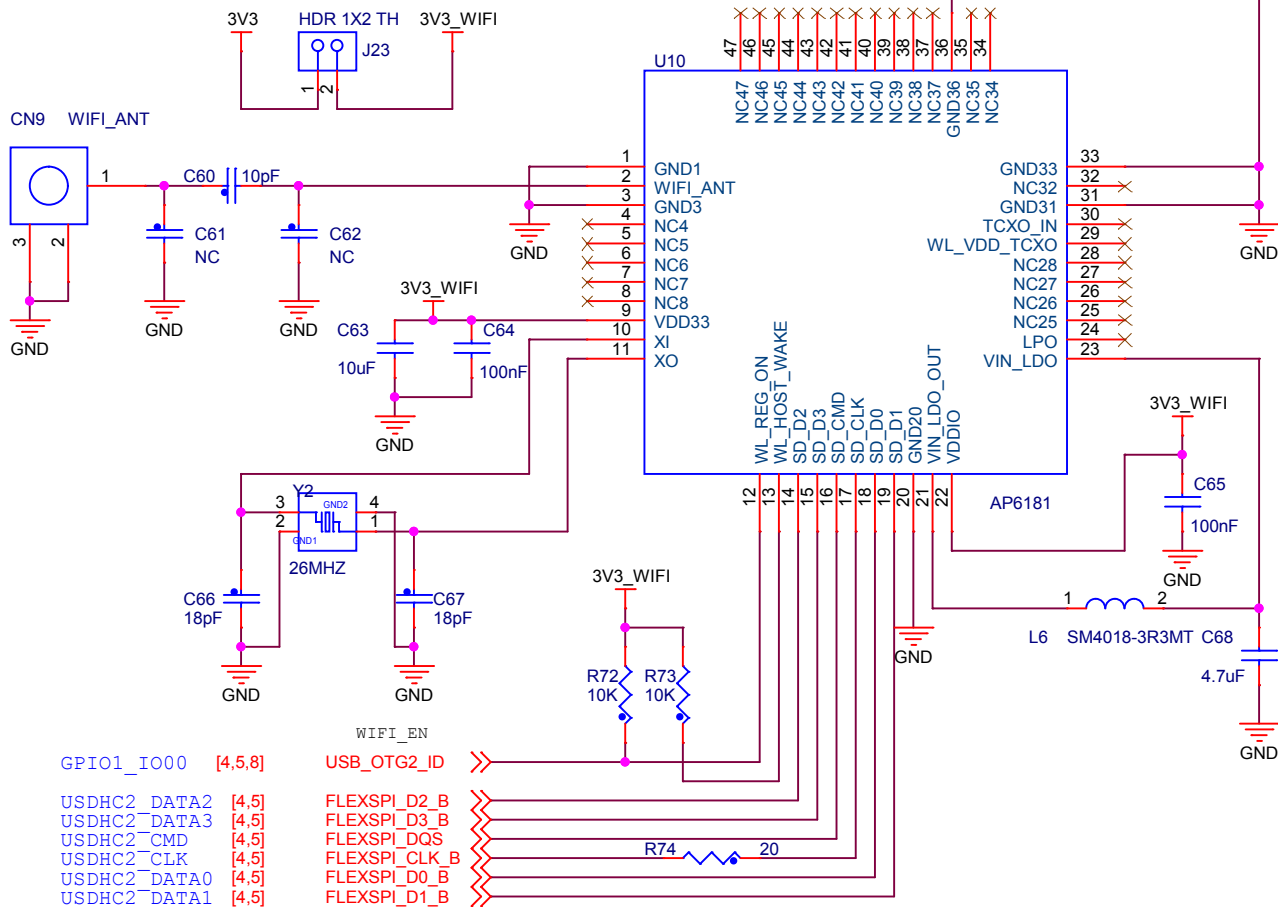
音频



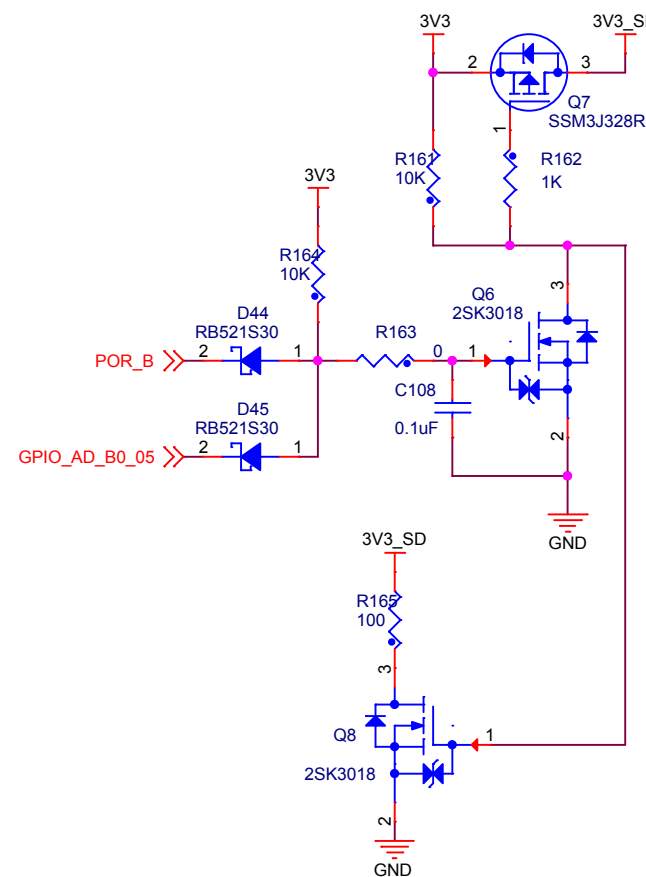
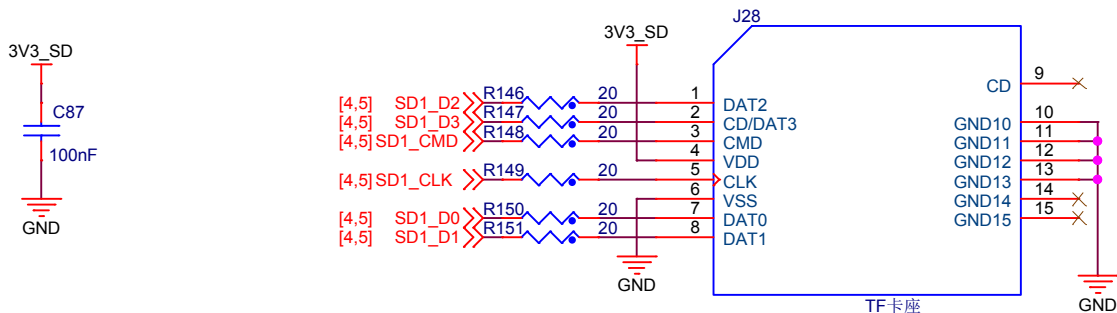
MIC



WIFI



TF卡



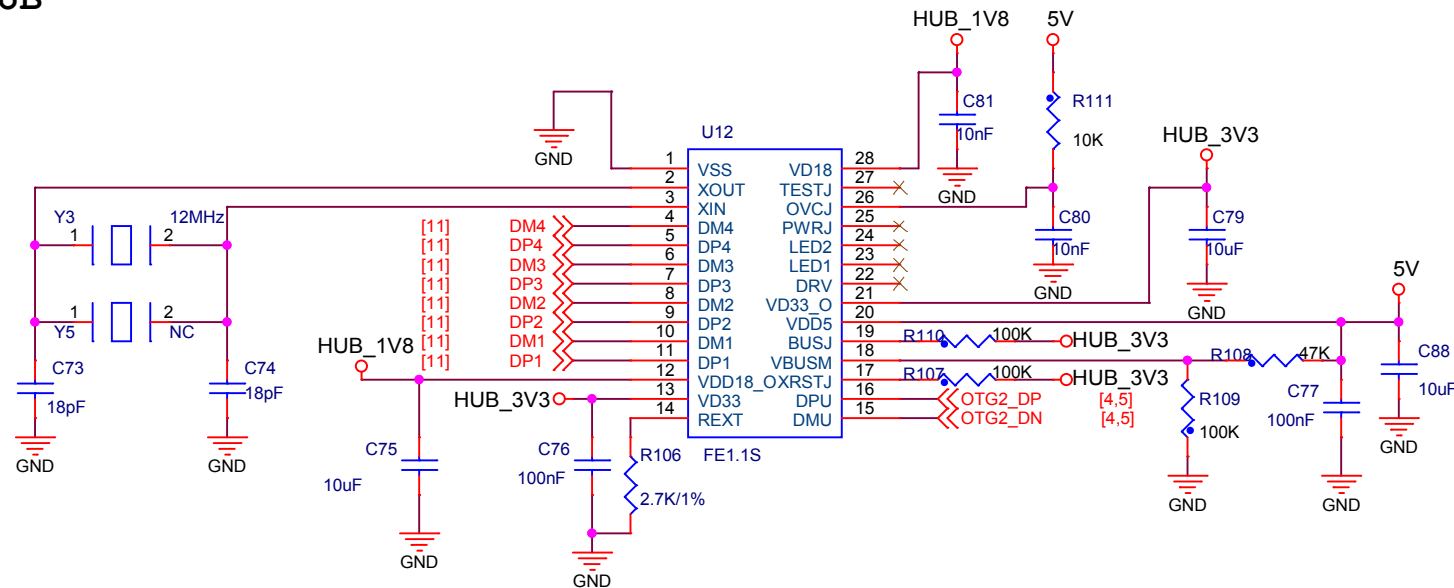
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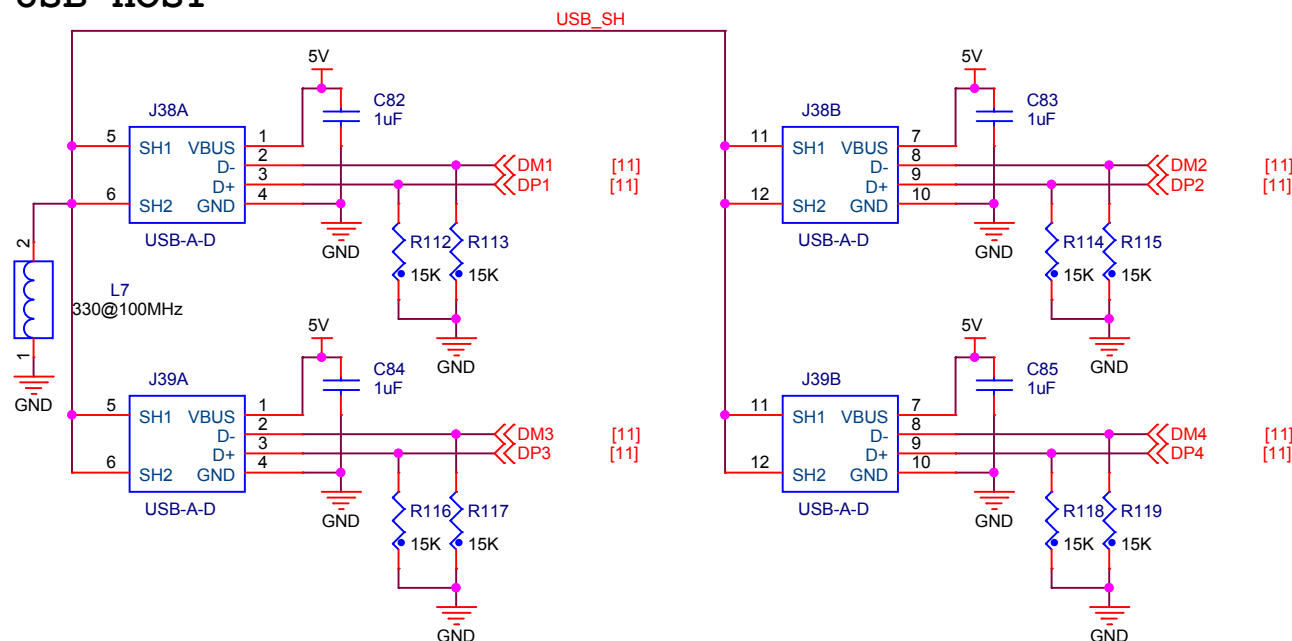
Size A4	Document Number WIFI/SD/USB	Rev V1.0
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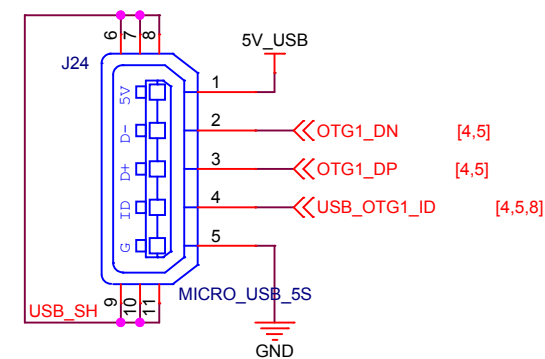
USB HUB



USB HOST



USB OTG



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