

野火i.MX RT1052核心板

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Title 野火i.MX RT1052核心板

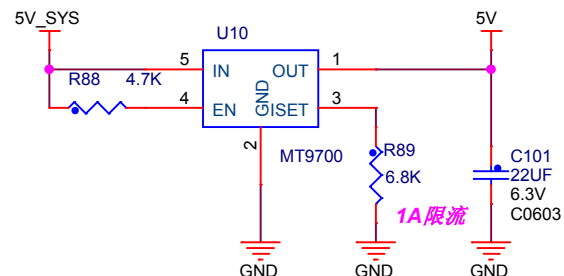
Size A4	Document Number 目录	Rev V1.3
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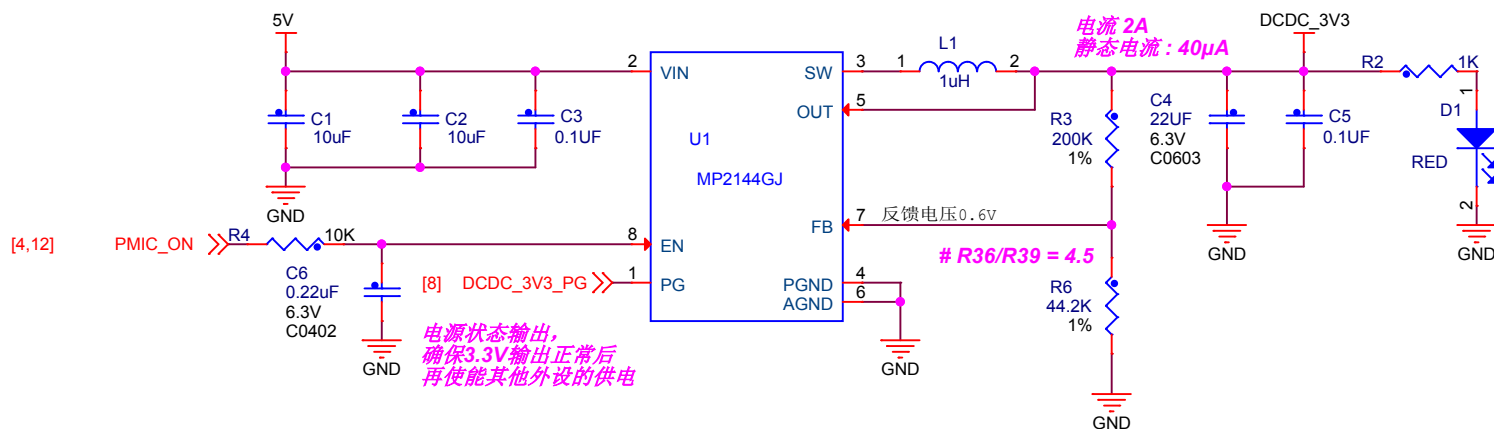
历史版本

版本号	日期	设计	描述
V0.1	2017-12-04	cancore	初始版本
V0.2	2017-12-26	cancore	1.增加I2C上拉电阻 2.删除调试口电源供电，避免上电时序出错
V0.3	2018-01-13	cancore	1.Q2封装更正 2.SEMC_RDY增加上拉 3.C72不焊
V1.0	2018-02-6	cancore	1.删除WDOG相关电路 2.RTC供电串联100Ω电阻 3.USB供电增加保护电路
V1.1	2018-05-03	cancore	1使用A1版本芯片 2.增加串口上拉电阻

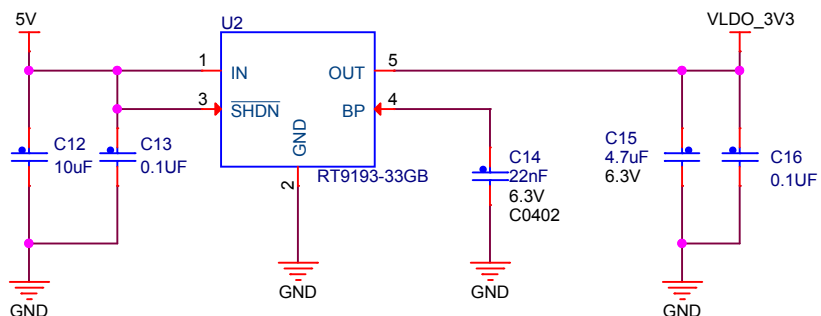
5V供电过流保护



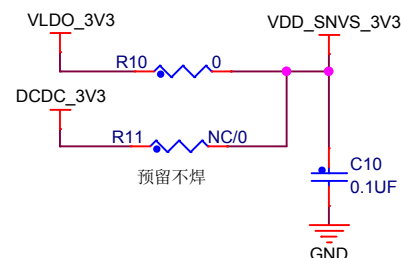
3.3V



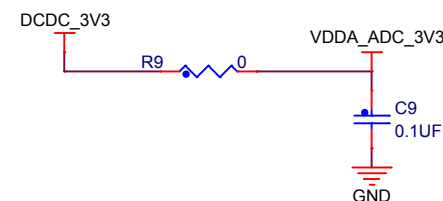
3V3 LDO for SNVS



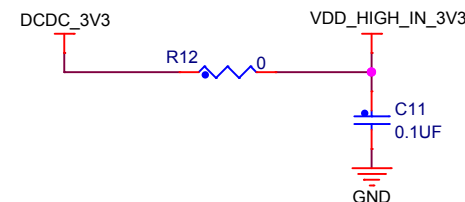
SNVS



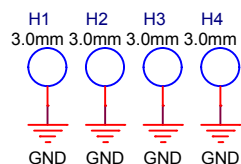
ADC



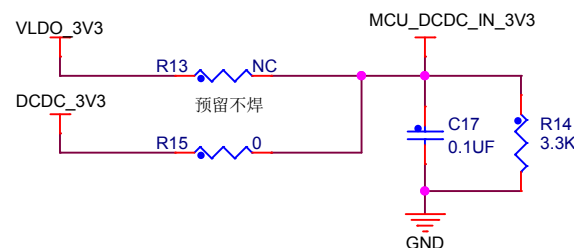
VDD_HIGH_IN



定位孔

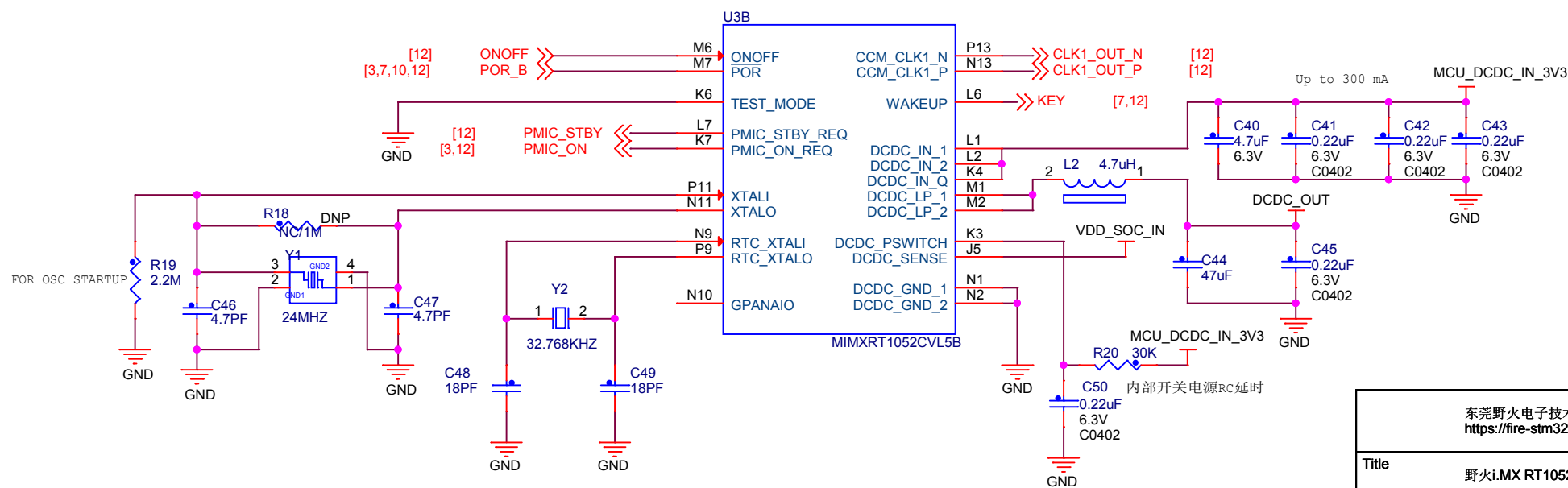
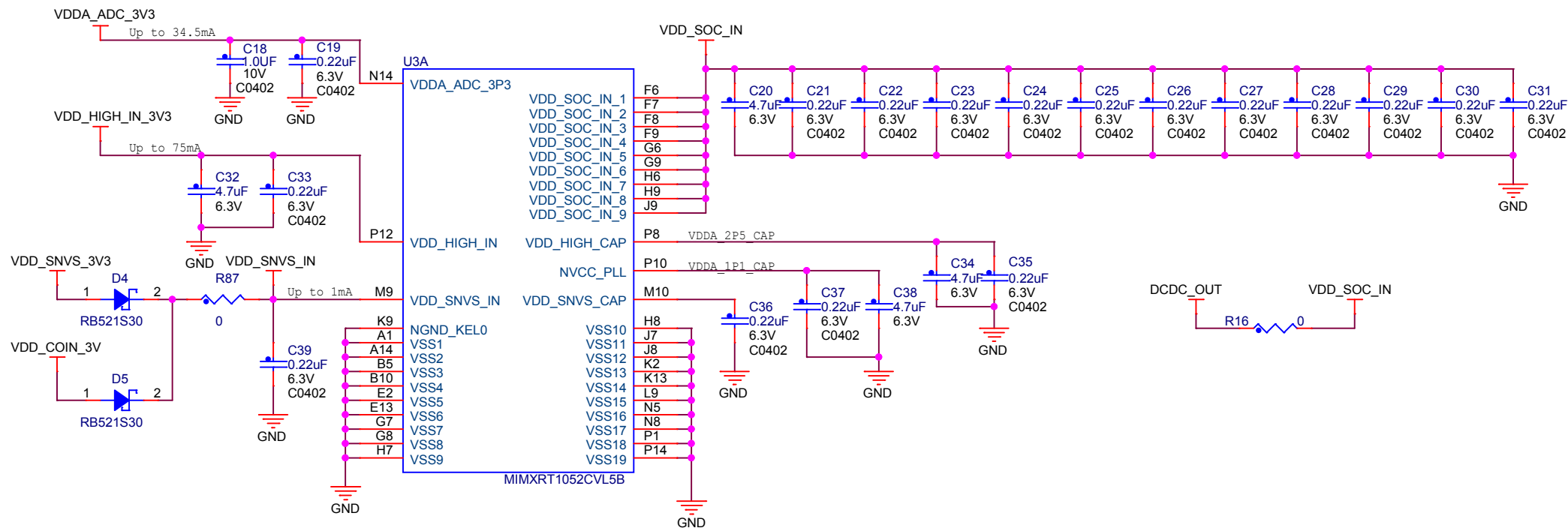


DCDC_IN



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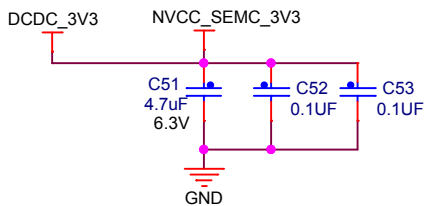


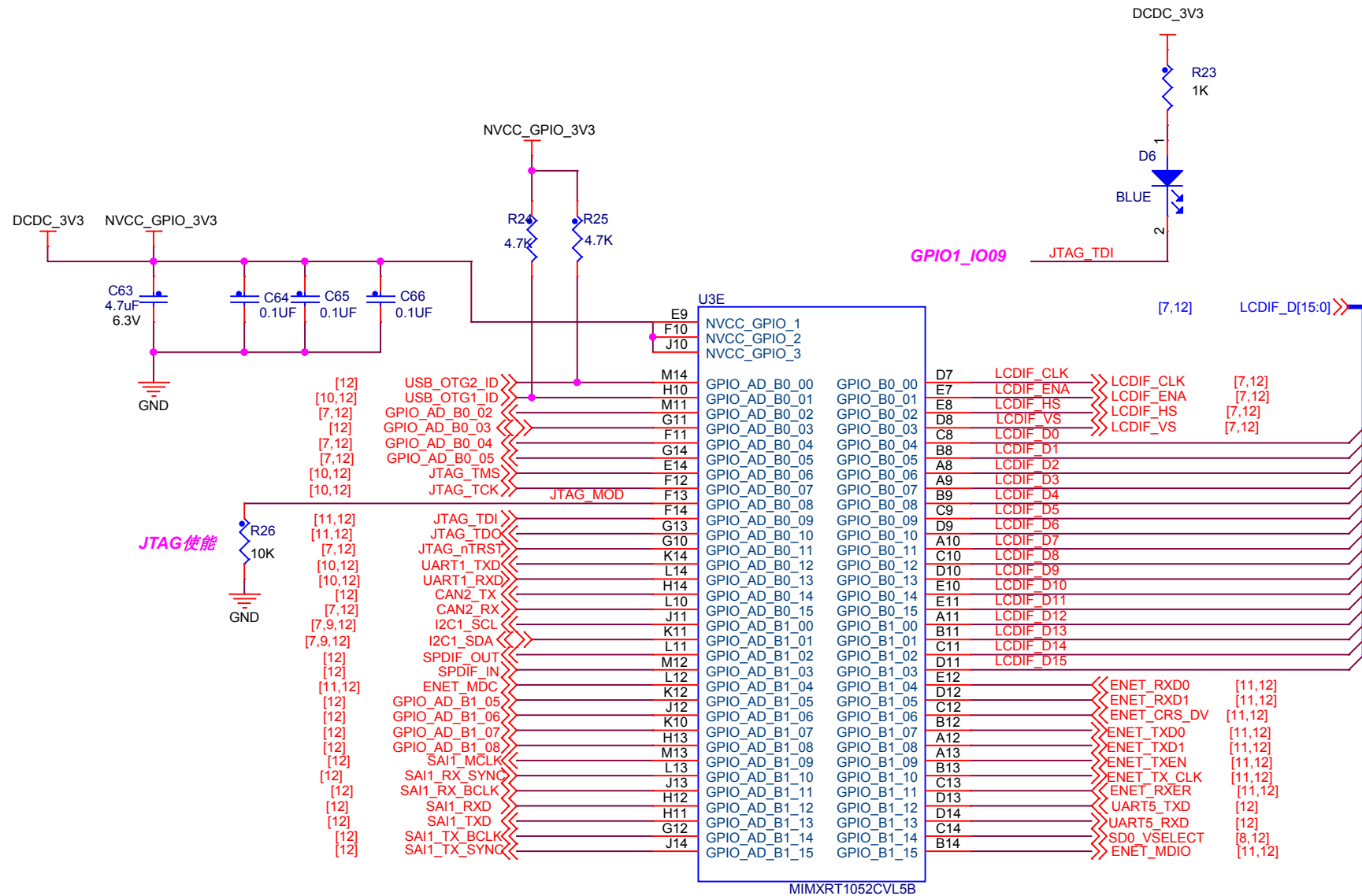
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Size A4	Document Number MCU电源	Rev V1.0
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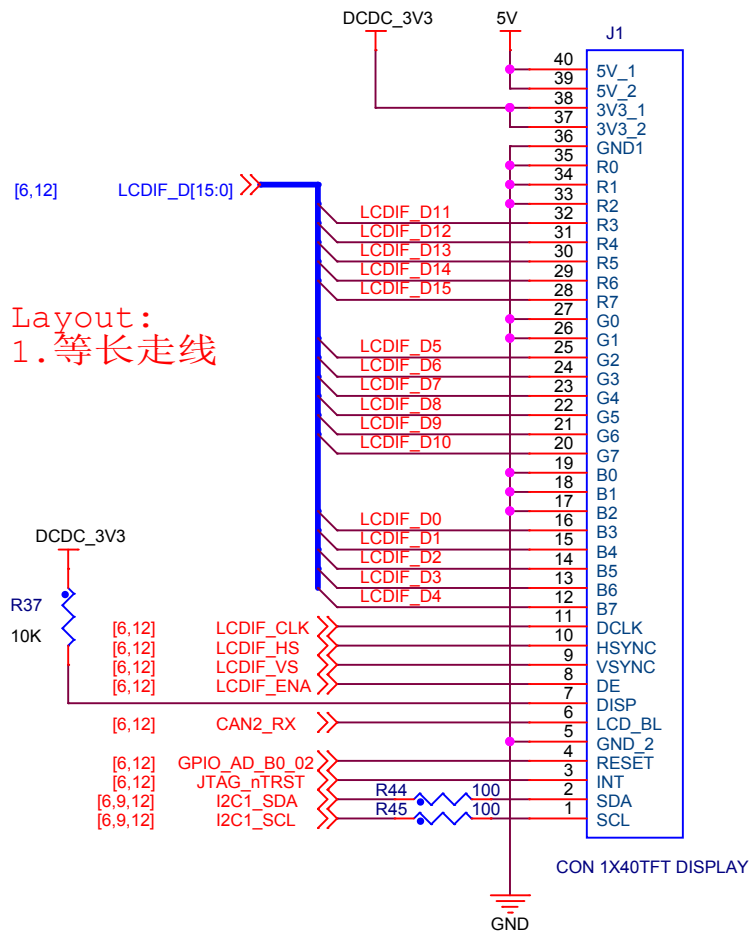
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Title
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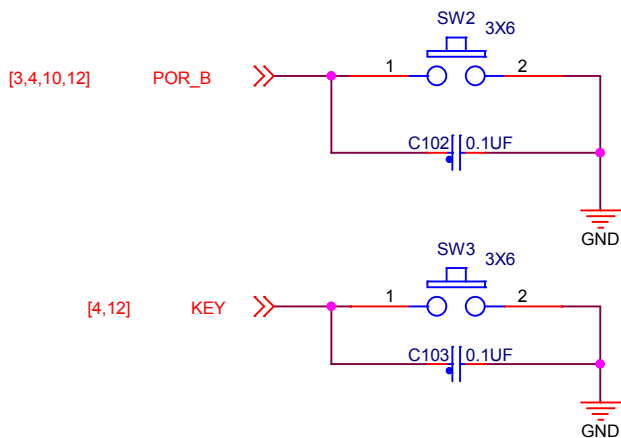
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LCD RGB565

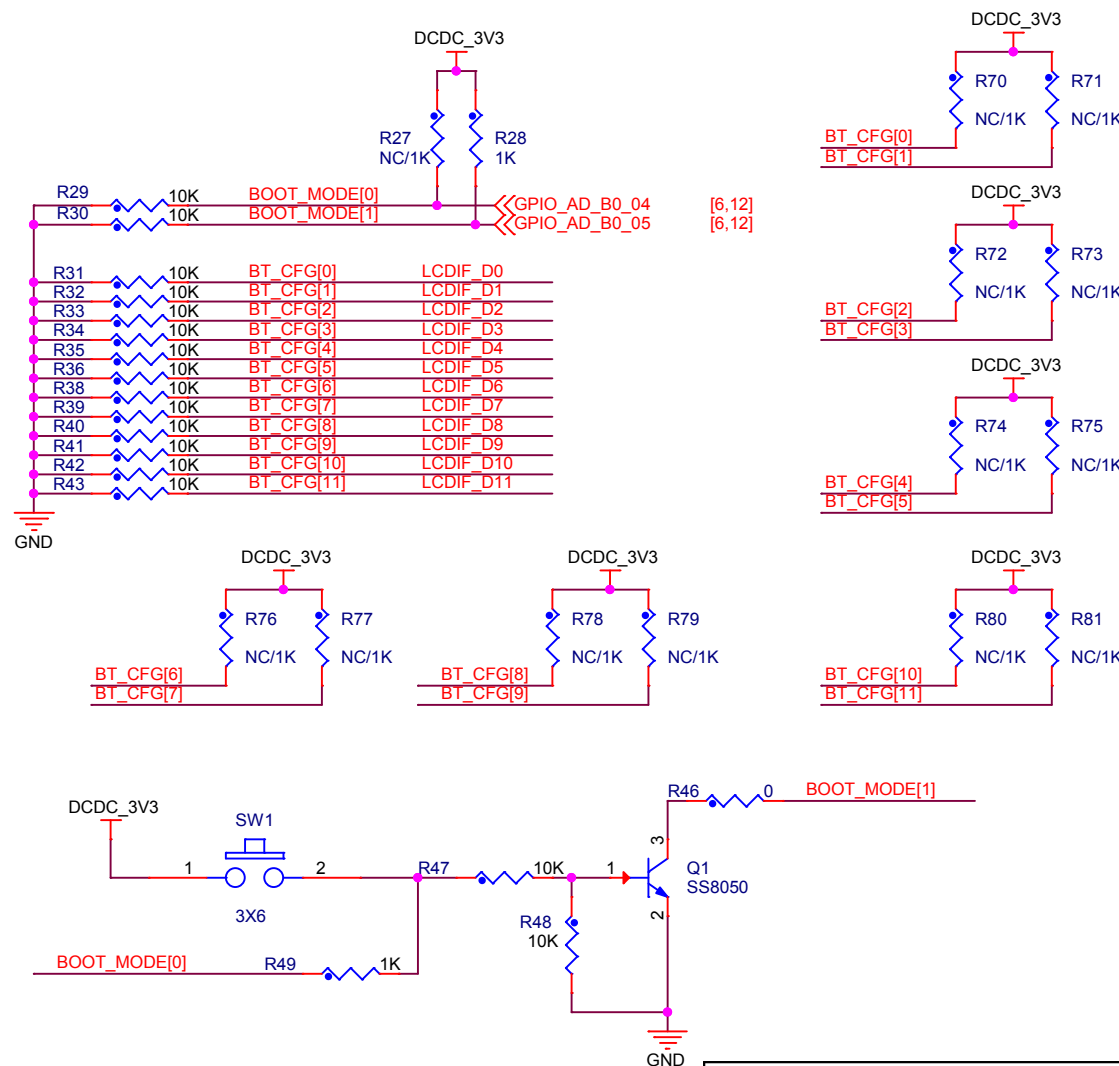


按键



启动设置

	BOOT_MODE1	BOOT_MODE0
FLASH	1	0
USB	0	1

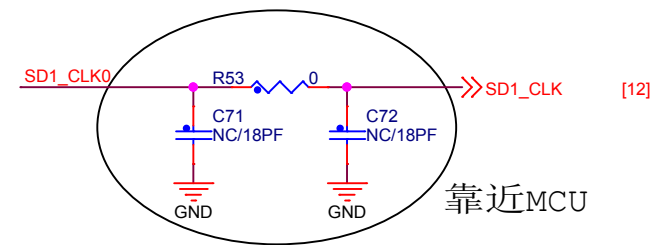
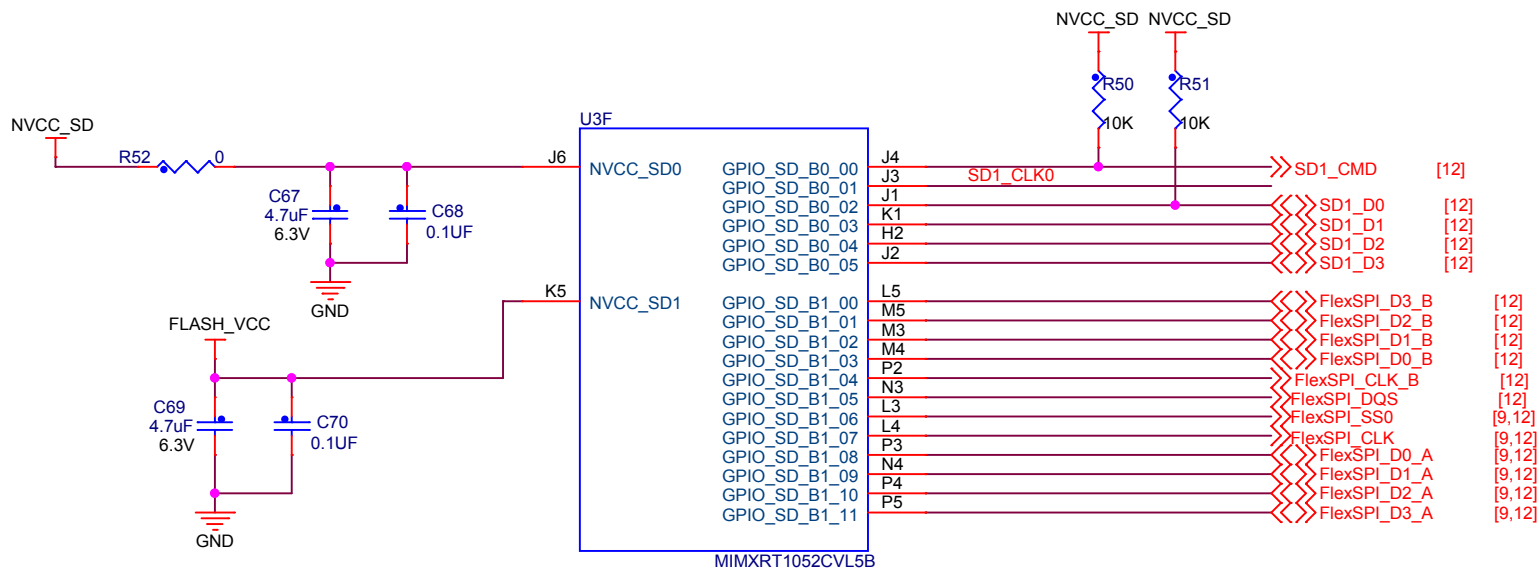


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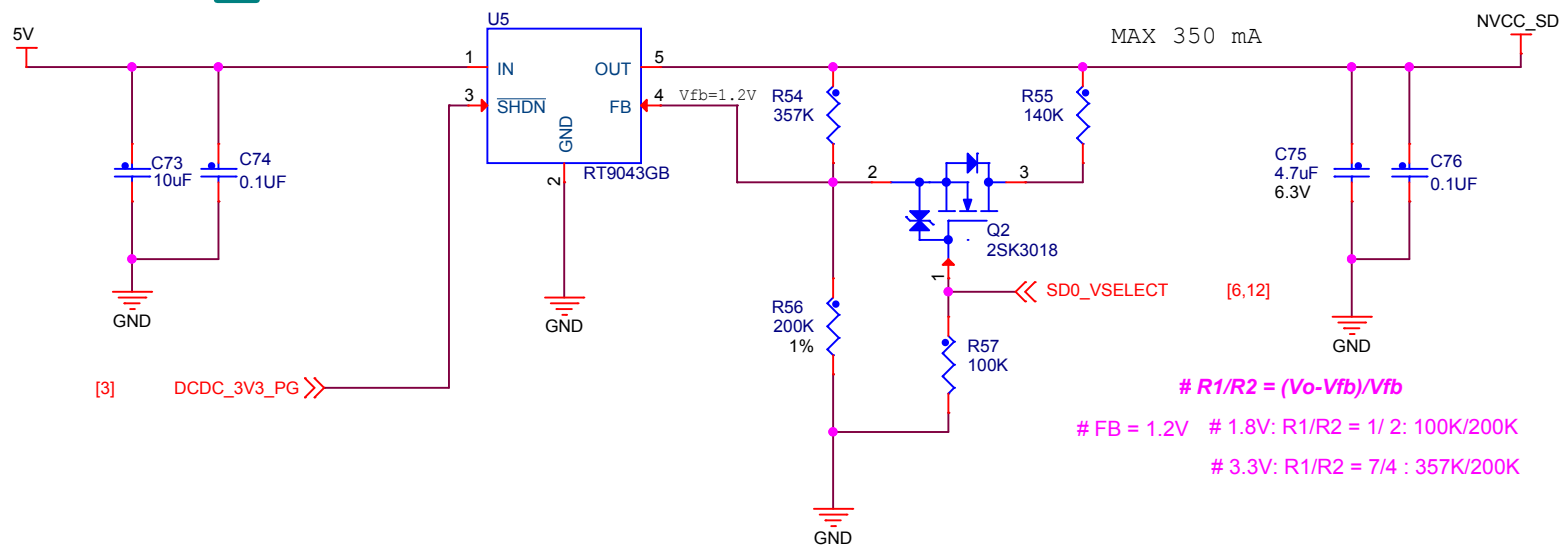
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NVCC_SD <SD3.0>



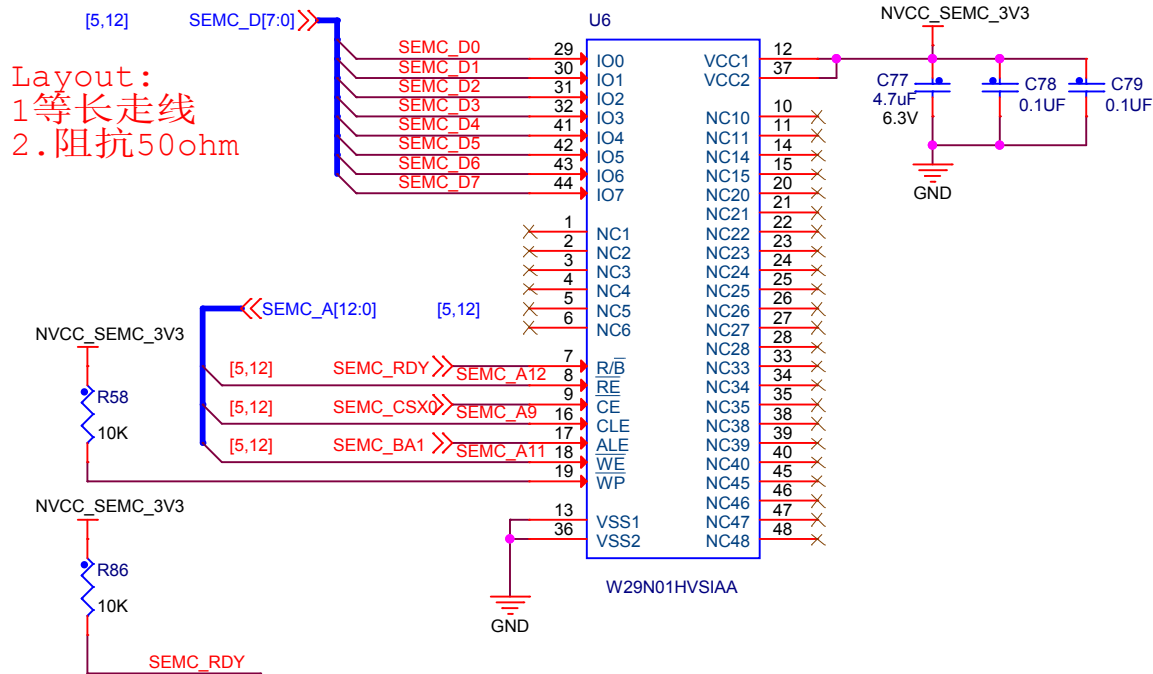
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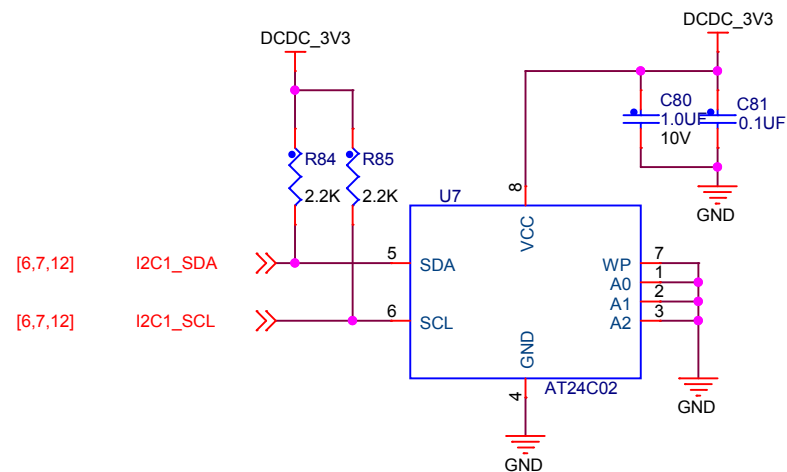
Size A4	Document Number SD	Rev V1.0
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NAND FLASH

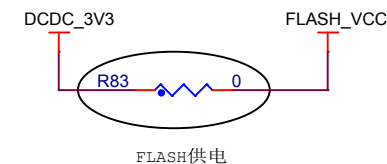
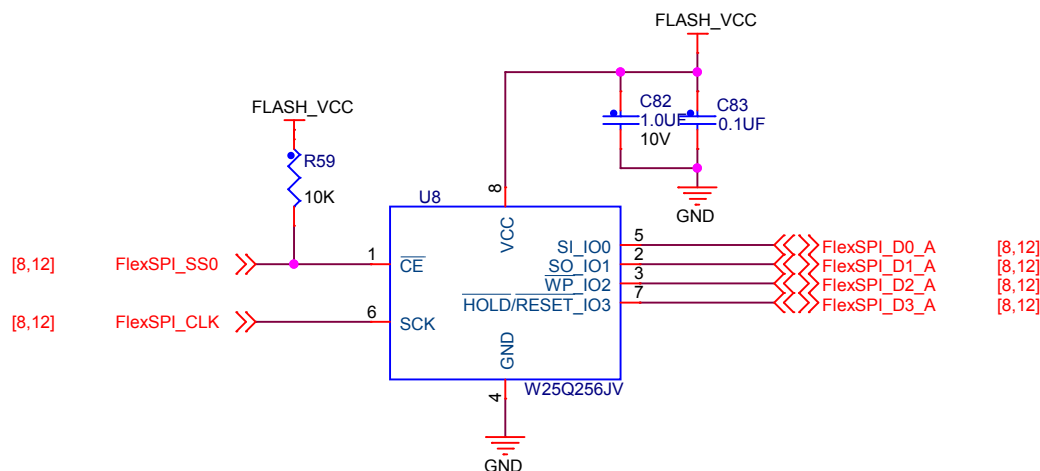


EEPROM



QSPI Flash

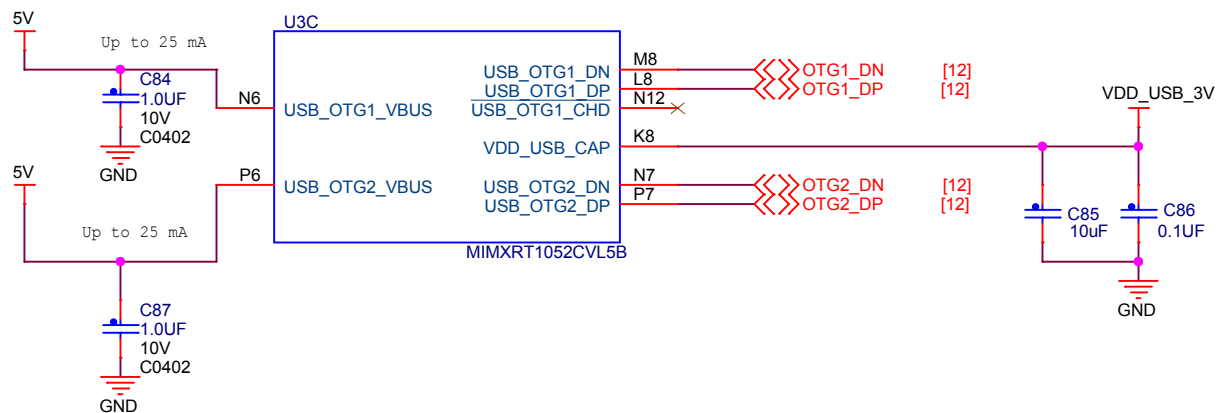
Layout:
1.等长走线



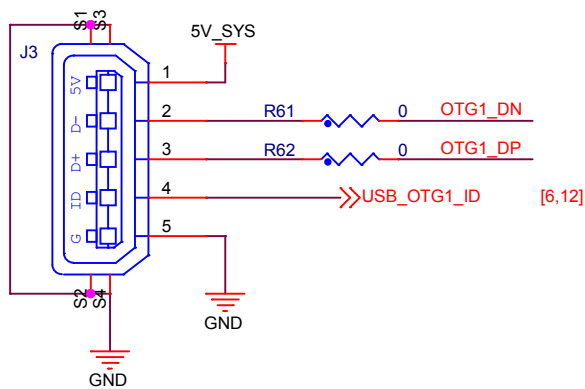
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Size A4	Document Number NAND FLASH/QSPI FLASH/E2PROM	Rev V1.0
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USB OTG

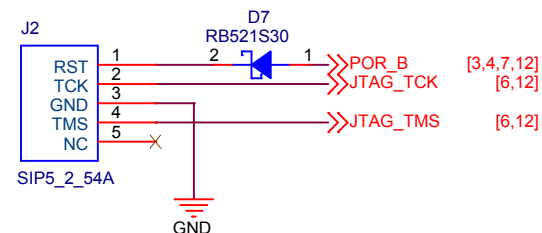
Layout:
1. 差分走线
2. 阻抗90ohm



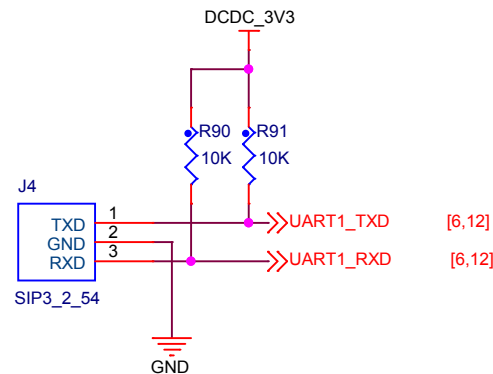
USB_MICROAB_RECEPTACLE



调试口



串口



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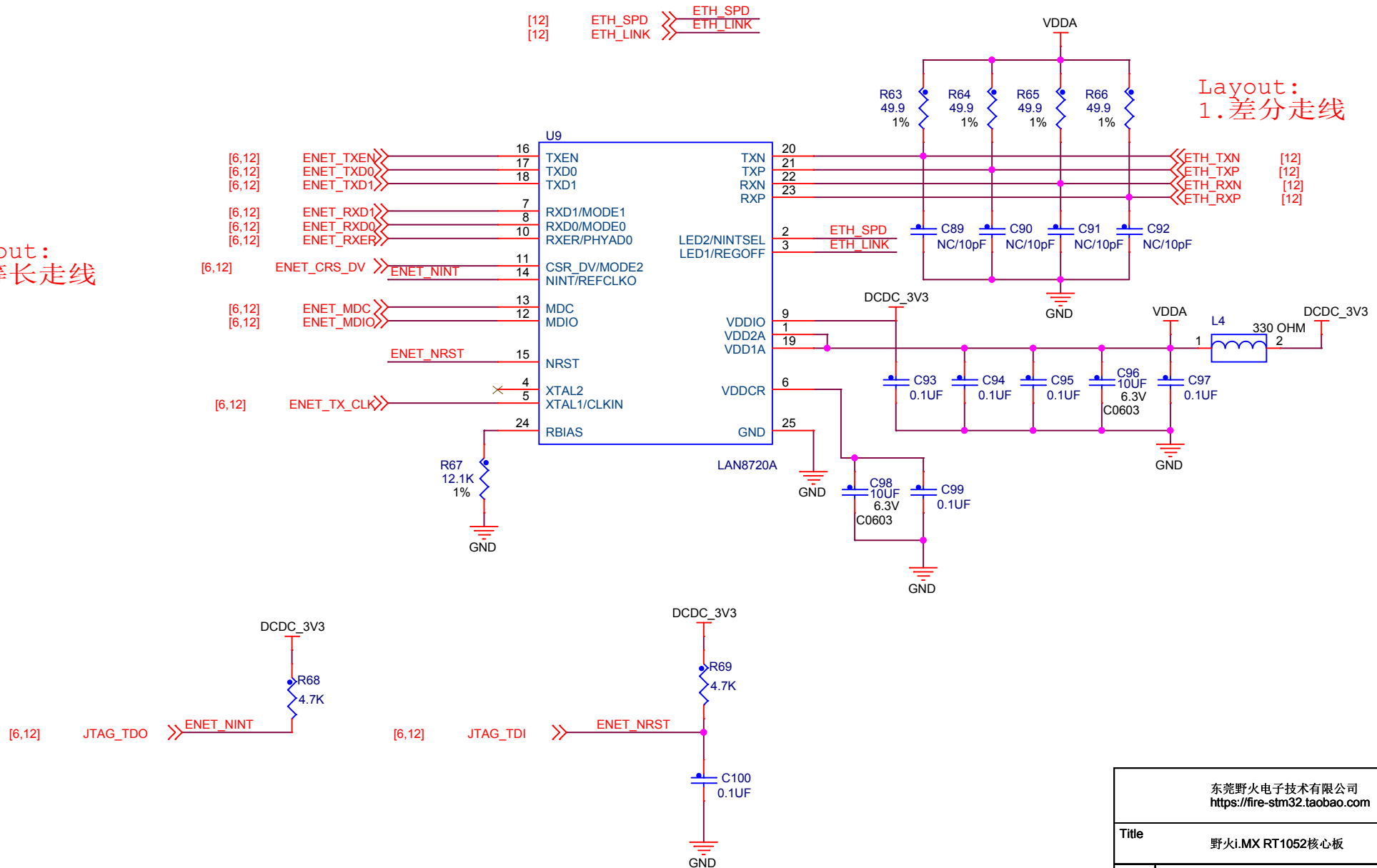
D

C

B

A

Layout:
1. 等长走线



Layout:
1. 差分走线

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