

野火_EBF1052 S2 邮票孔核心板

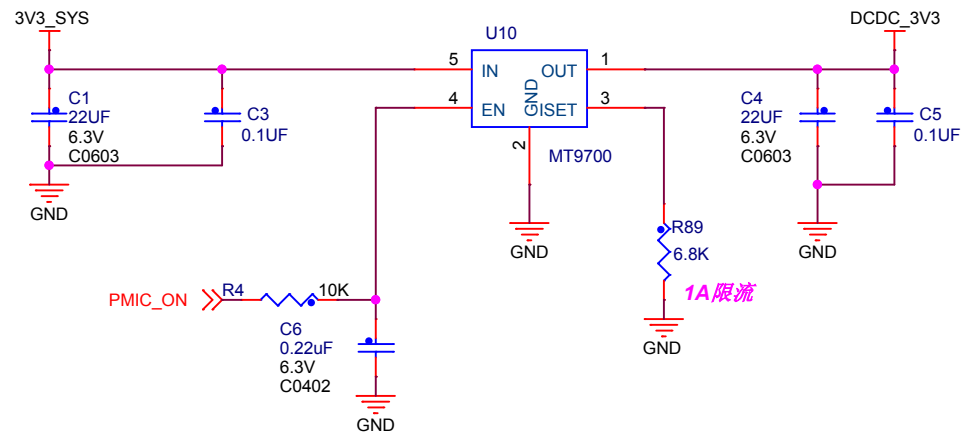
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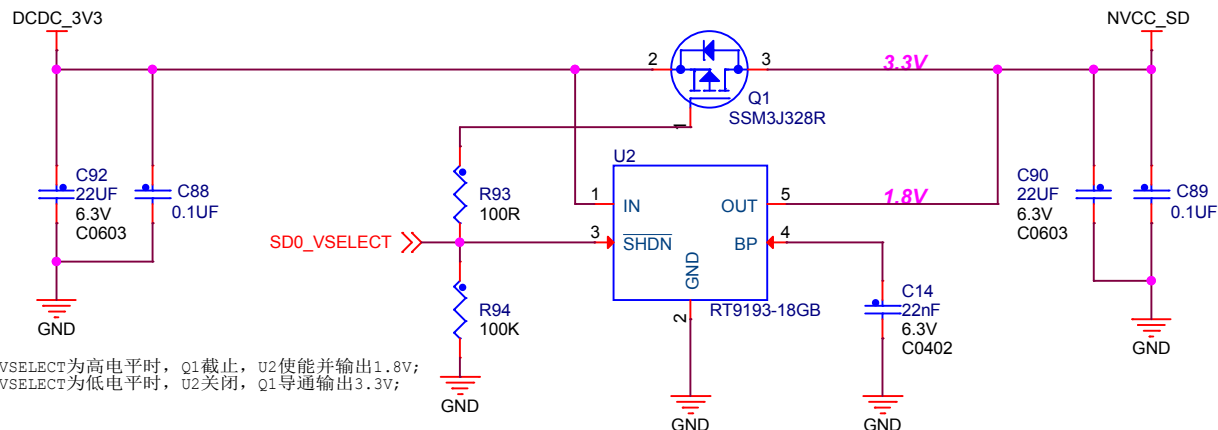
历史版本

版本号	日期	设计	描述
V0.1	2019-05-27	cancore	初始版本，开发阶段
V1.0	2019-08-15	cancore	整理对外发布，稳定版

3.3V



SD3.0 (双电源切换供电)

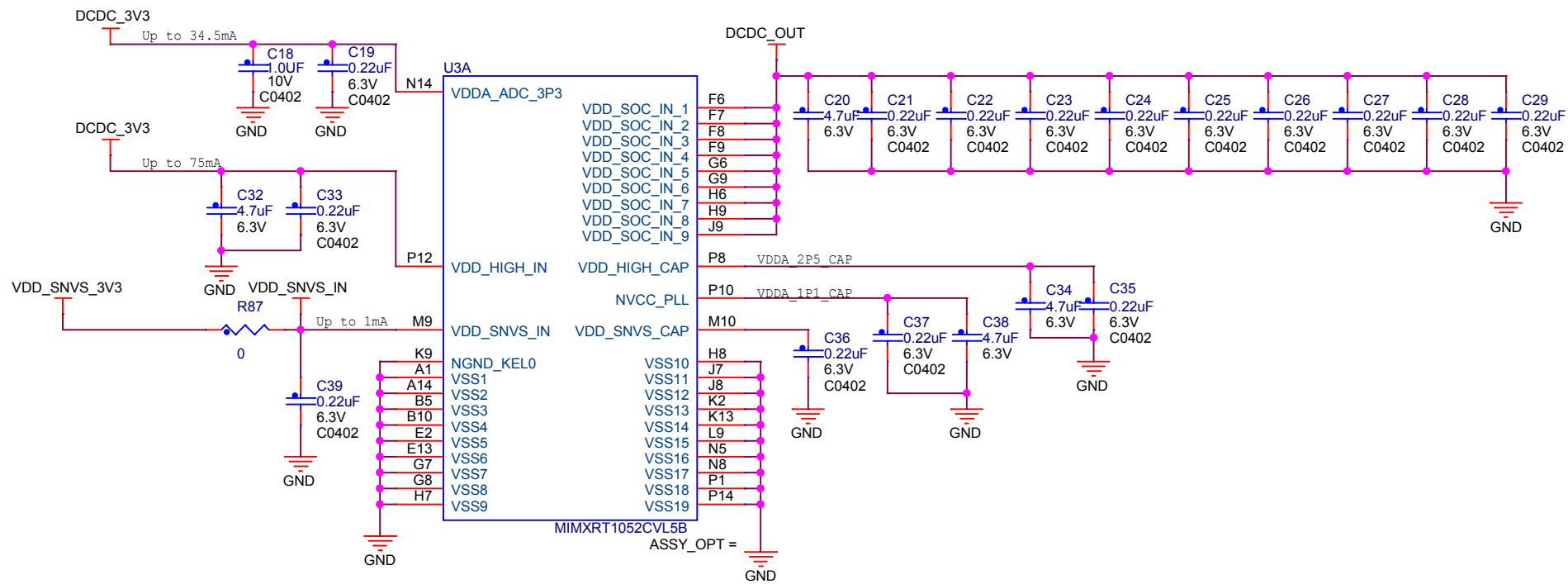


当SD0_VSELECT为高电平时，Q1截止，U2使能并输出1.8V；
当SD0_VSELECT为低电平时，U2关闭，Q1导通输出3.3V；

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Size A4	Document Number 主电源	Rev V1.0
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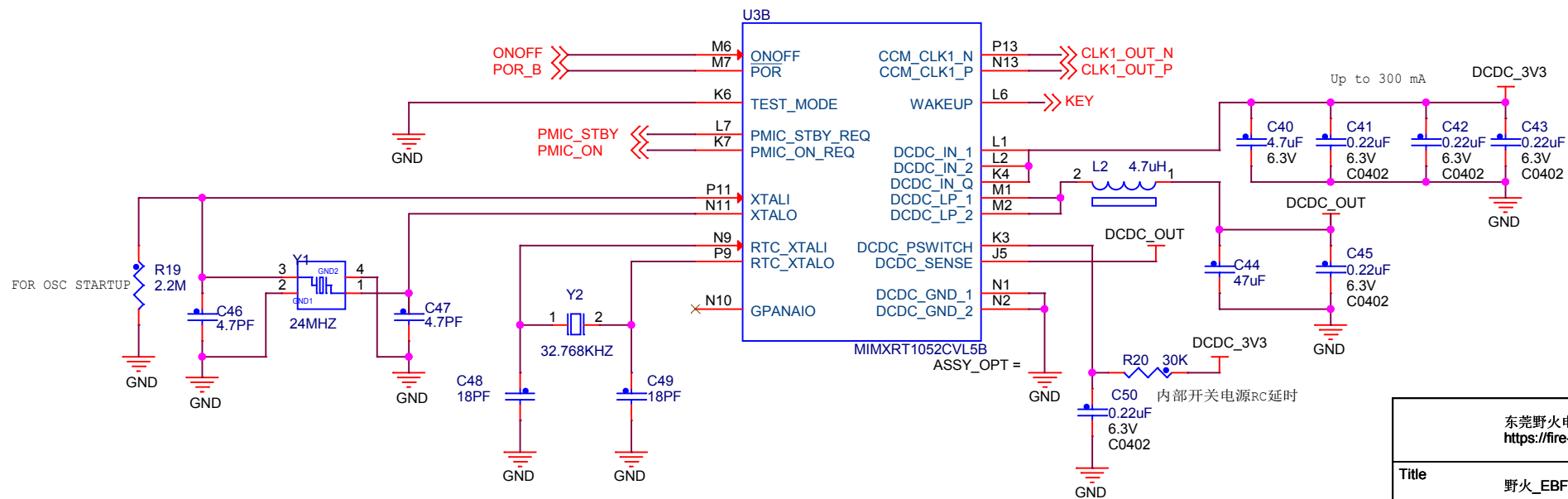
D

C



B

A



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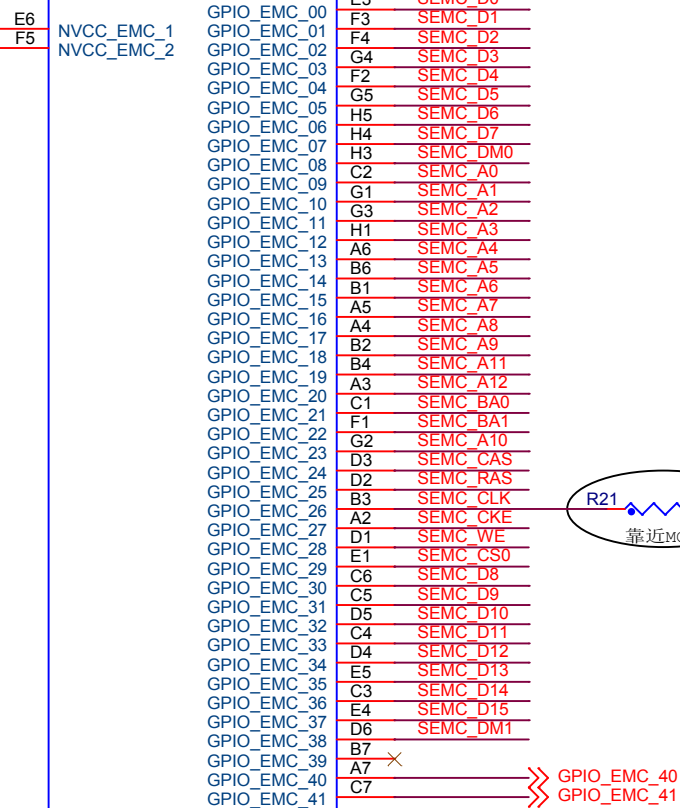
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Size A4	Document Number MCU电源	Rev V1.0
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NVCC_SEMC_3V3

U3D

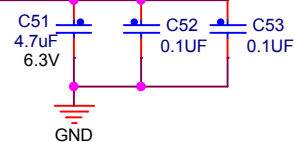


MIMXRT1052CVL5B

ASSY_OPT =

DCDC_3V3

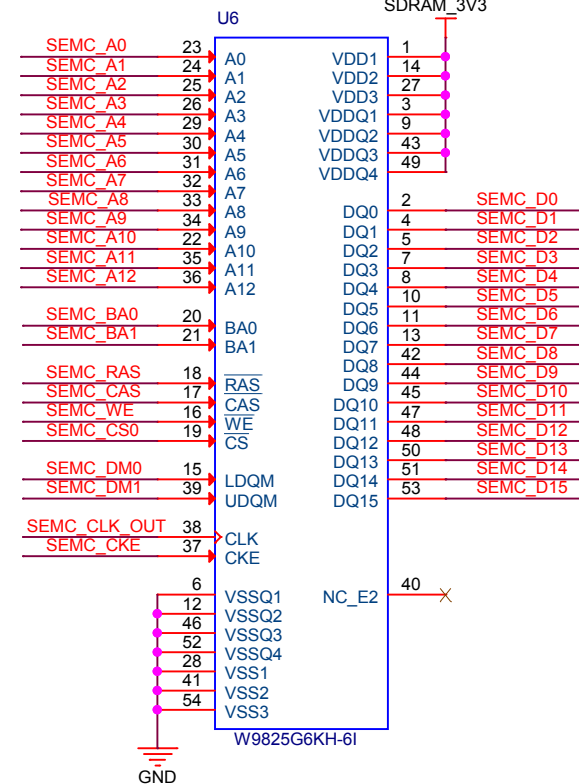
NVCC_SEMC_3V3



Layout:

1. 等长走线, 误差±50mil
2. 阻抗50ohm

SDRAM_3V3



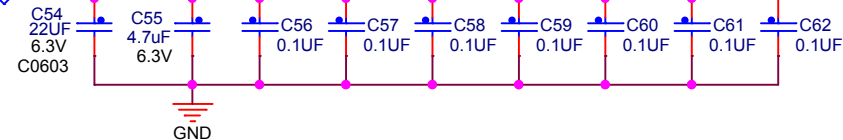
GND

W9825G6KH-6I

DCDC_3V3

SDRAM_3V3

MAX 150 mA @3.3V



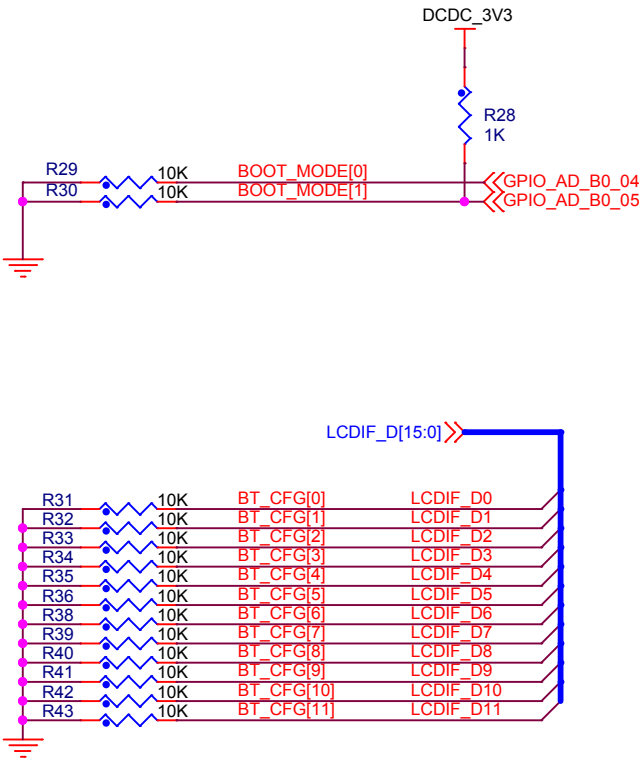
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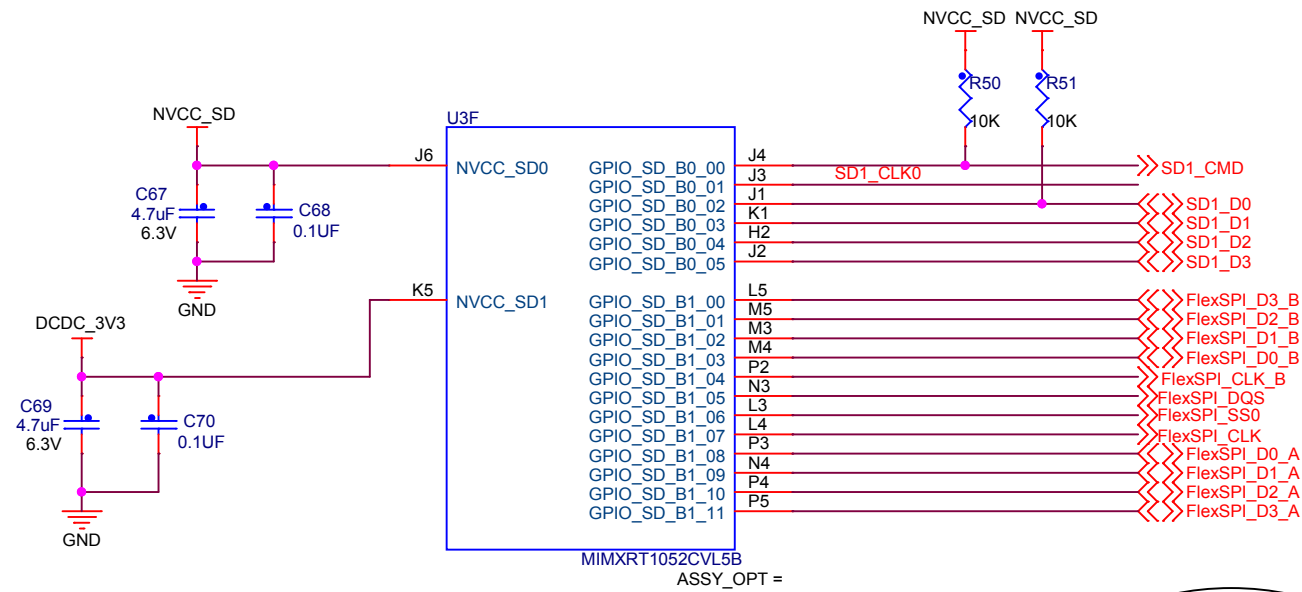
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启动设置

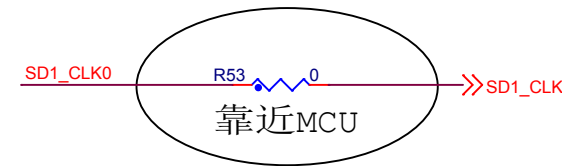


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Layout:
1等长走线

Layout:
1等长走线



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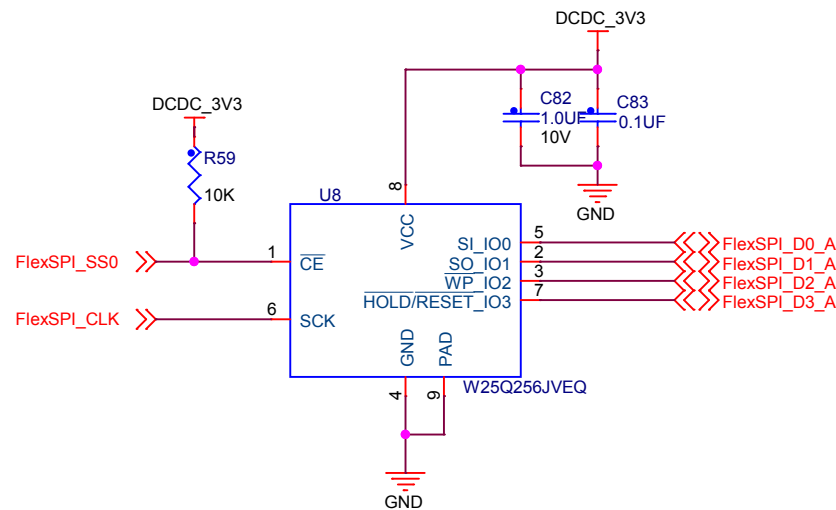
Title
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A4	SD	V1.0

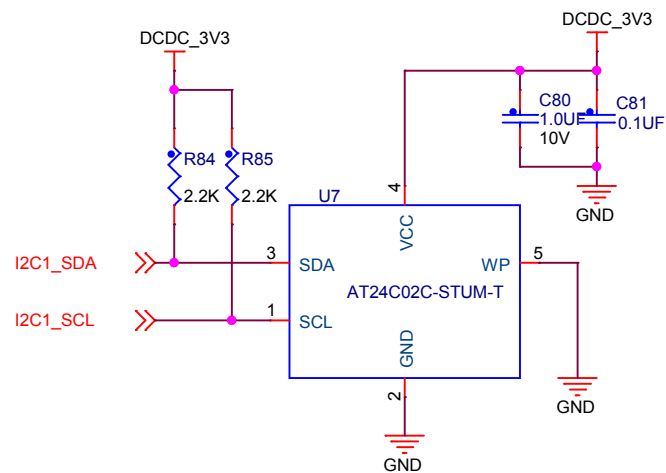
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QSPI Flash

Layout:
1等长走线



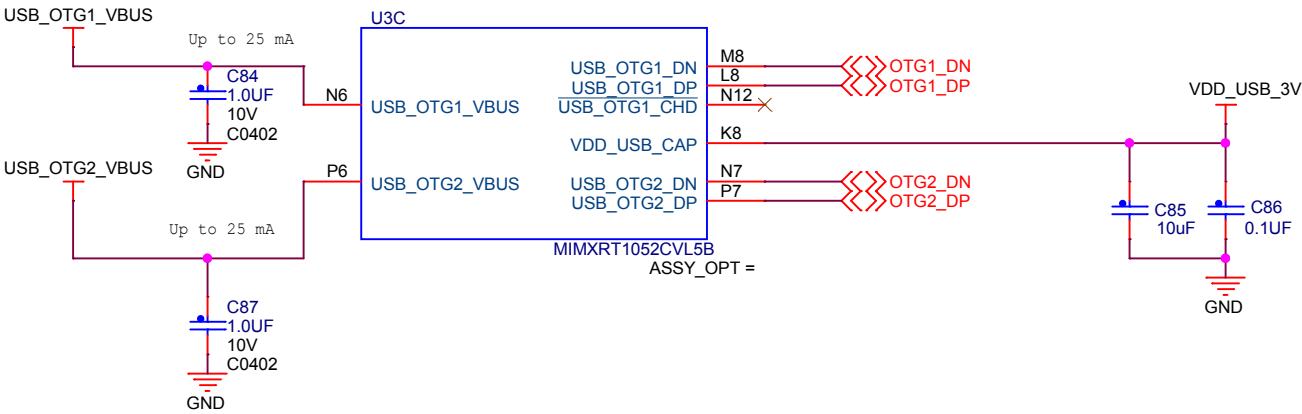
EEPROM



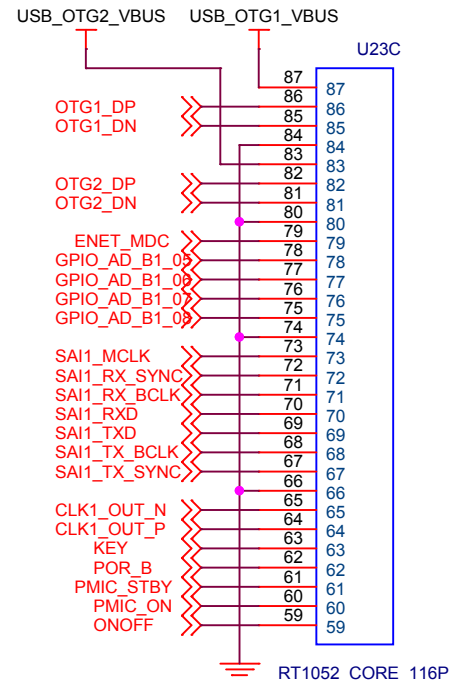
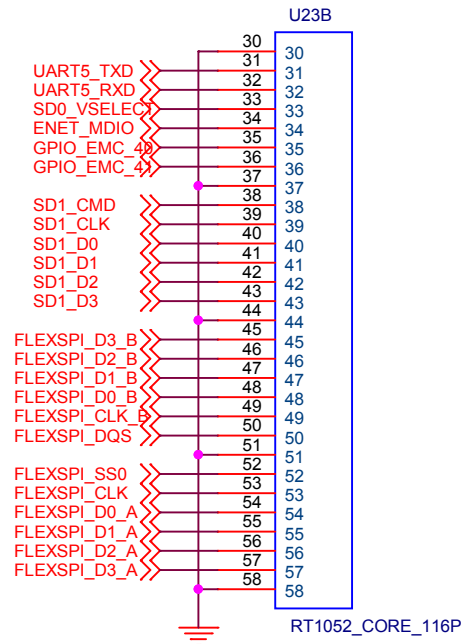
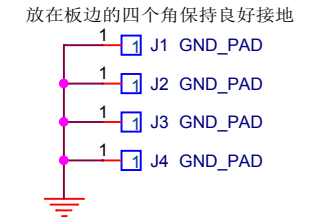
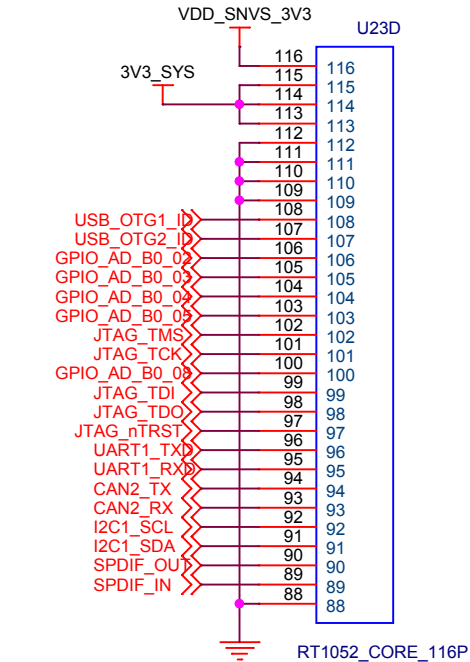
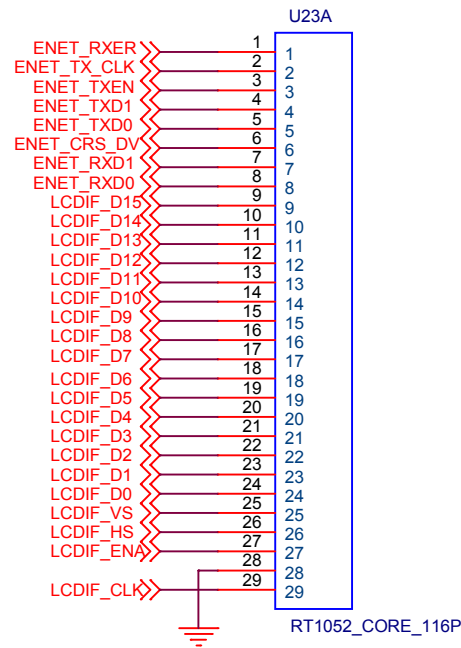
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USB OTG

Layout:
1. 差分走线
2. 阻抗90ohm



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