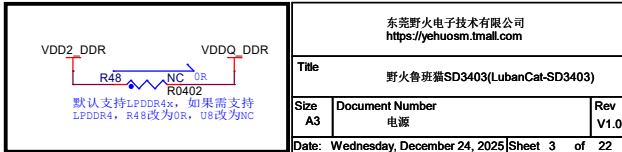
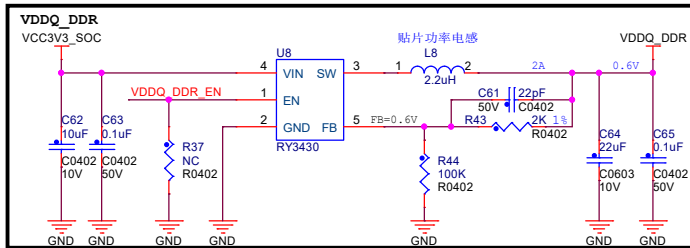
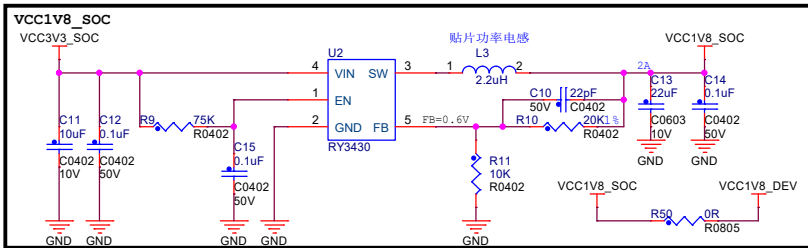
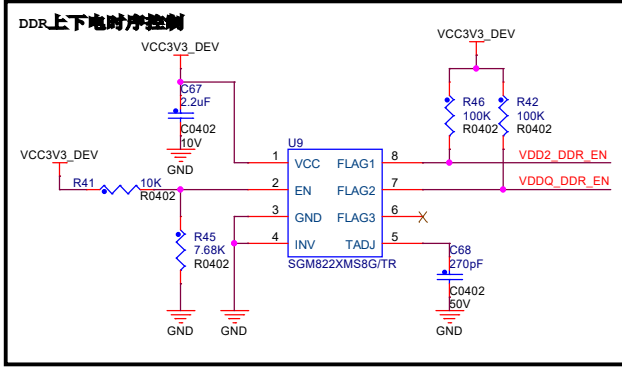
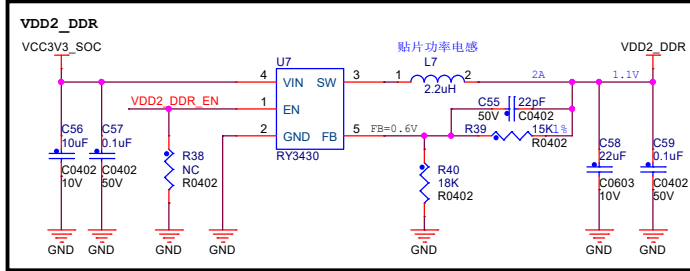
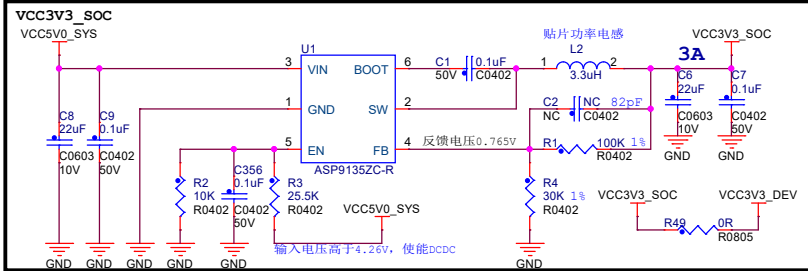
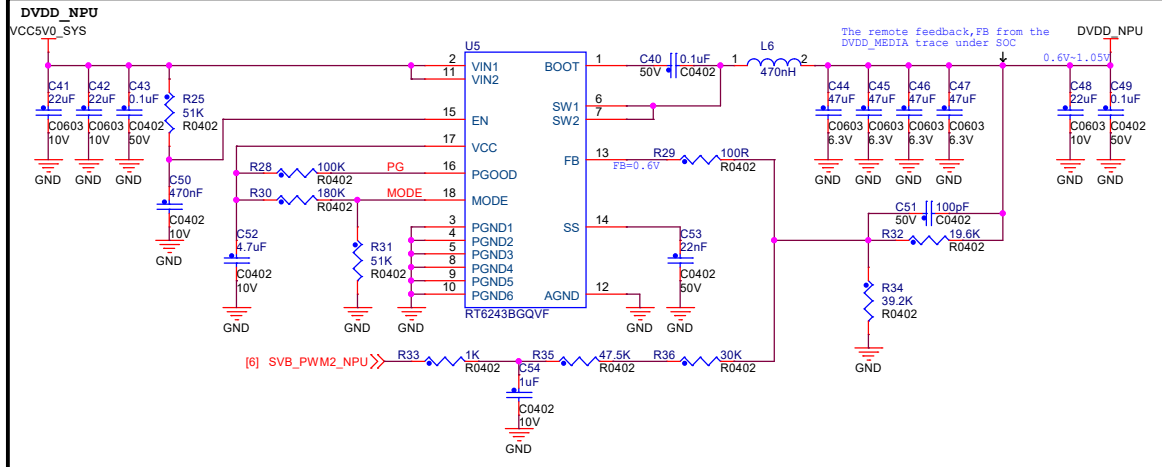
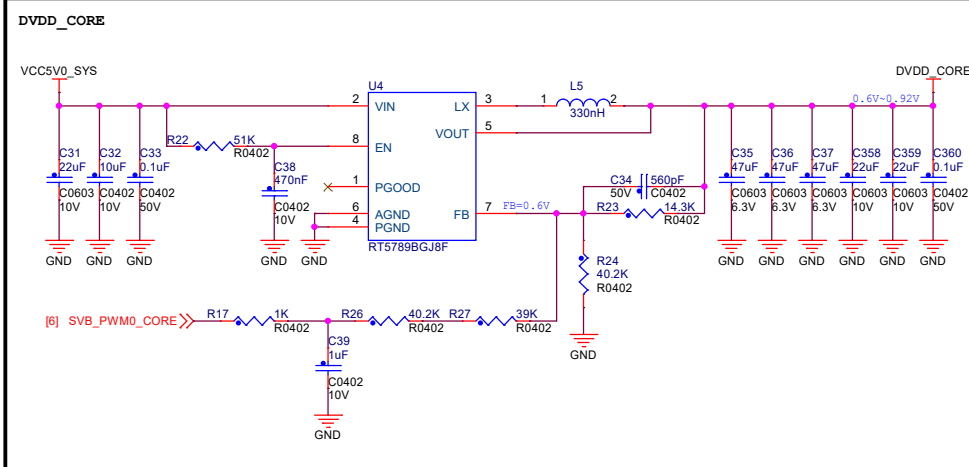
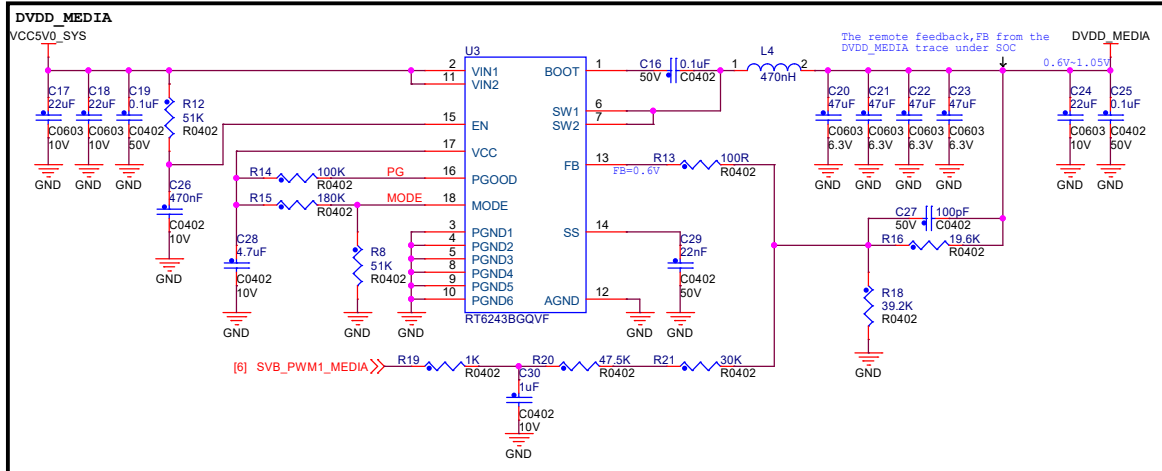
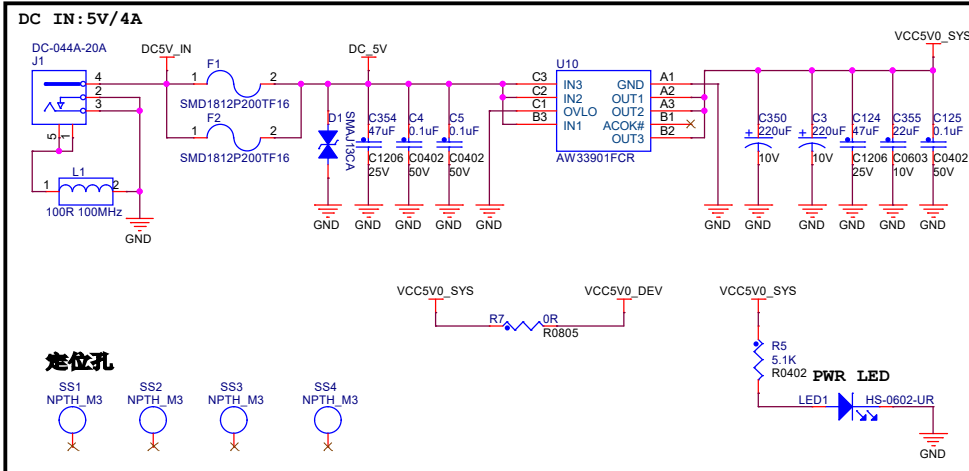


野火鲁班猫SD3403 (LubanCat-SD3403)

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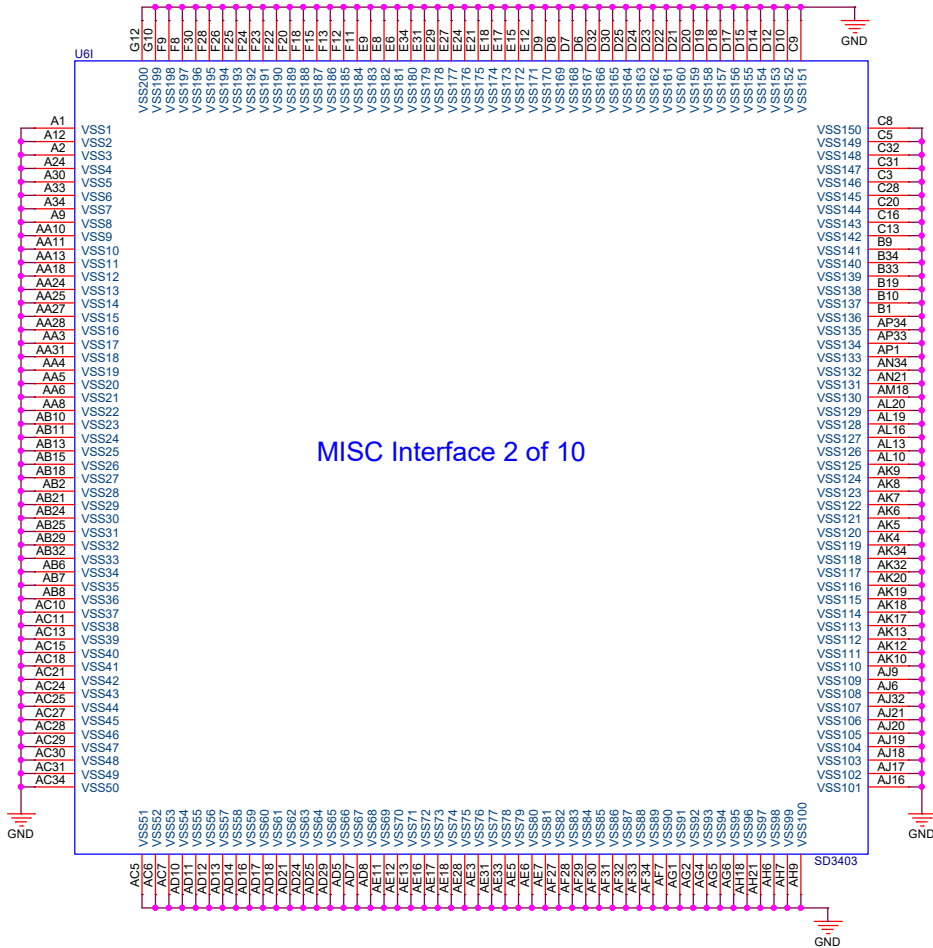
历史版本

版本号	日期	设计	描述
V0.1	20250616	llm	初始版本, 开发阶段
V0.2	20251018	llm	1. 以太网PHY芯片供电添加10uF的滤波电容 2. 修正USB和PCIE的分配策略，USB下载接口改为USB3.0 TYPEA接口 3. 3PIN Debug接口改为板载CH340，改为typec接口 4. 耳机接口电源改为3.3V 5. 根据海思硬件设计规范调整了40PIN排针接口33、35、12、32引脚信号 注：以上修改为开发阶段的修改

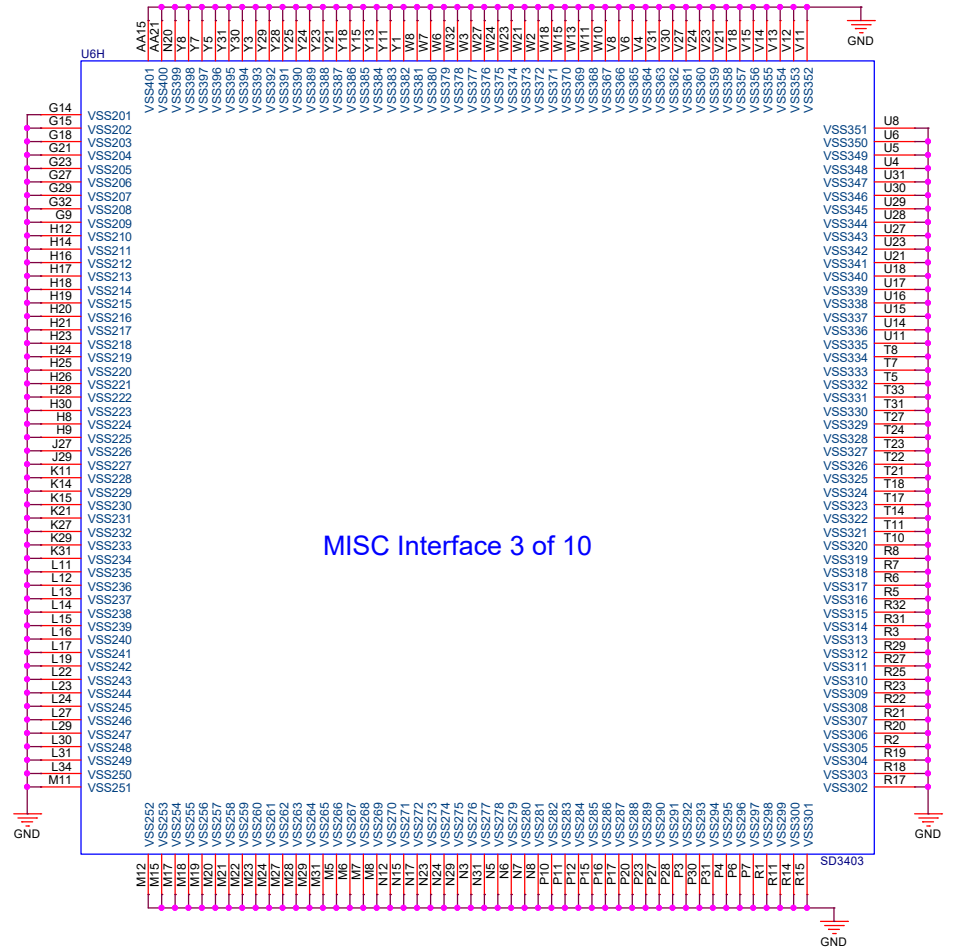


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Size			电源
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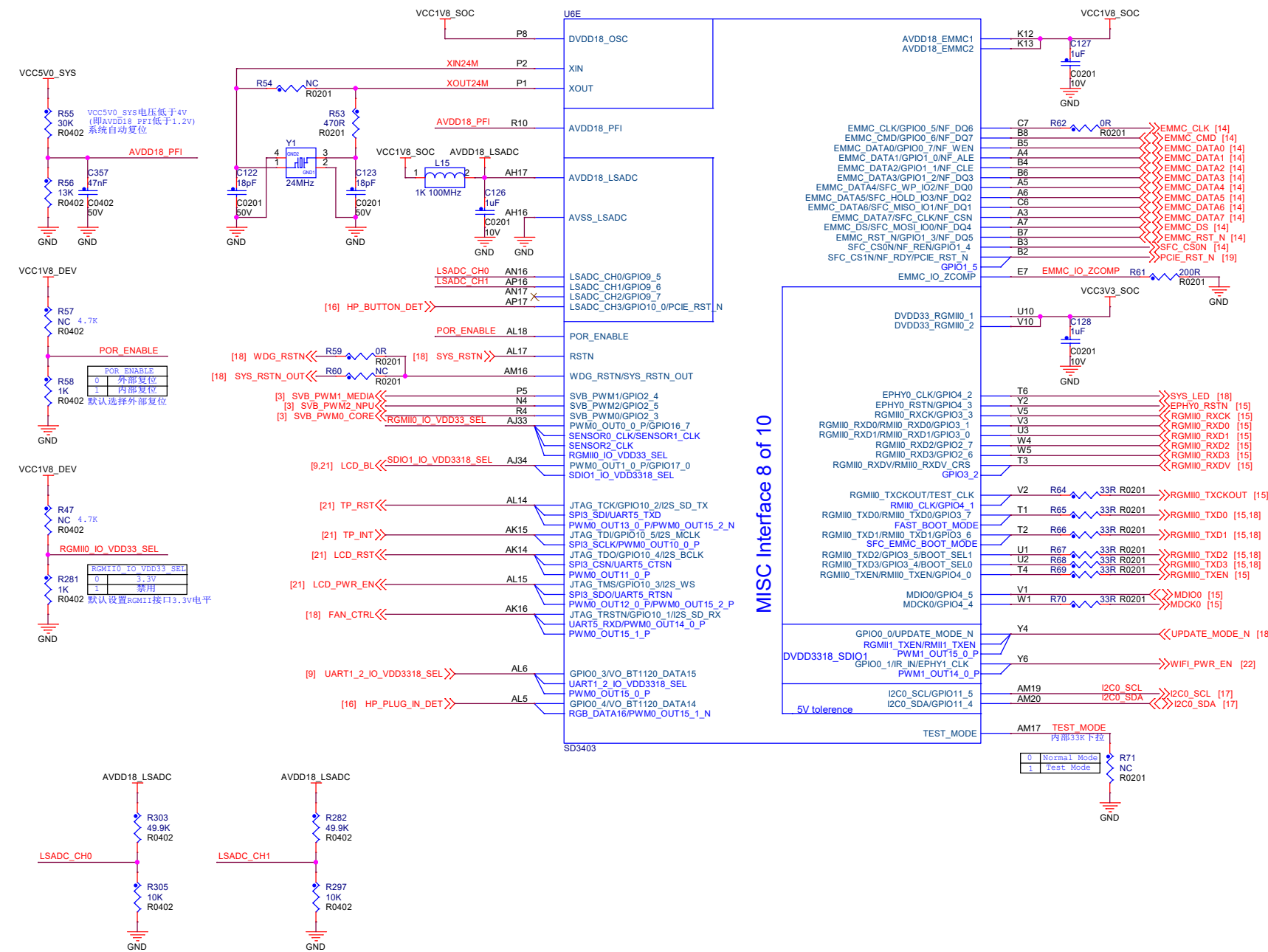




MISC Interface 2 of 10

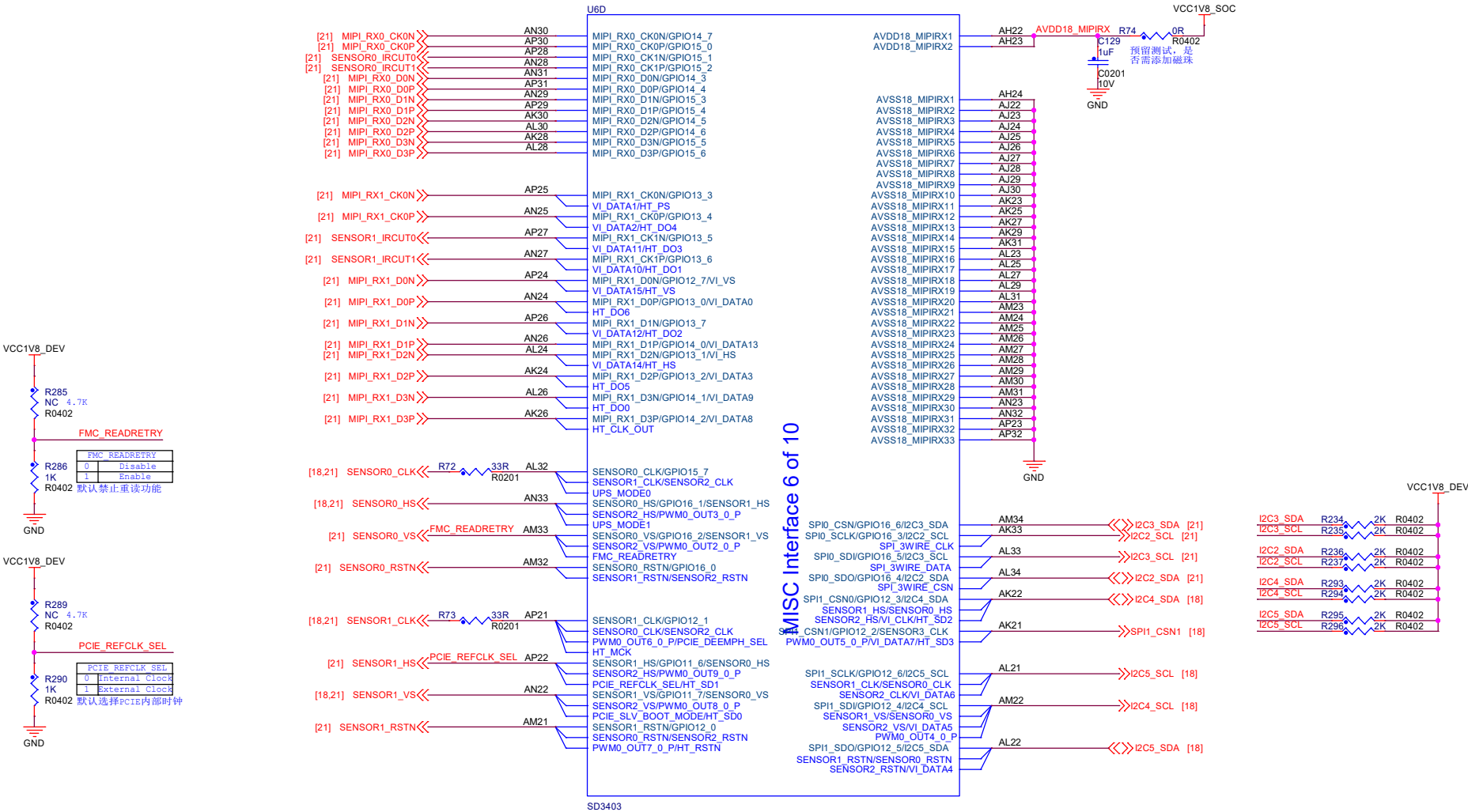


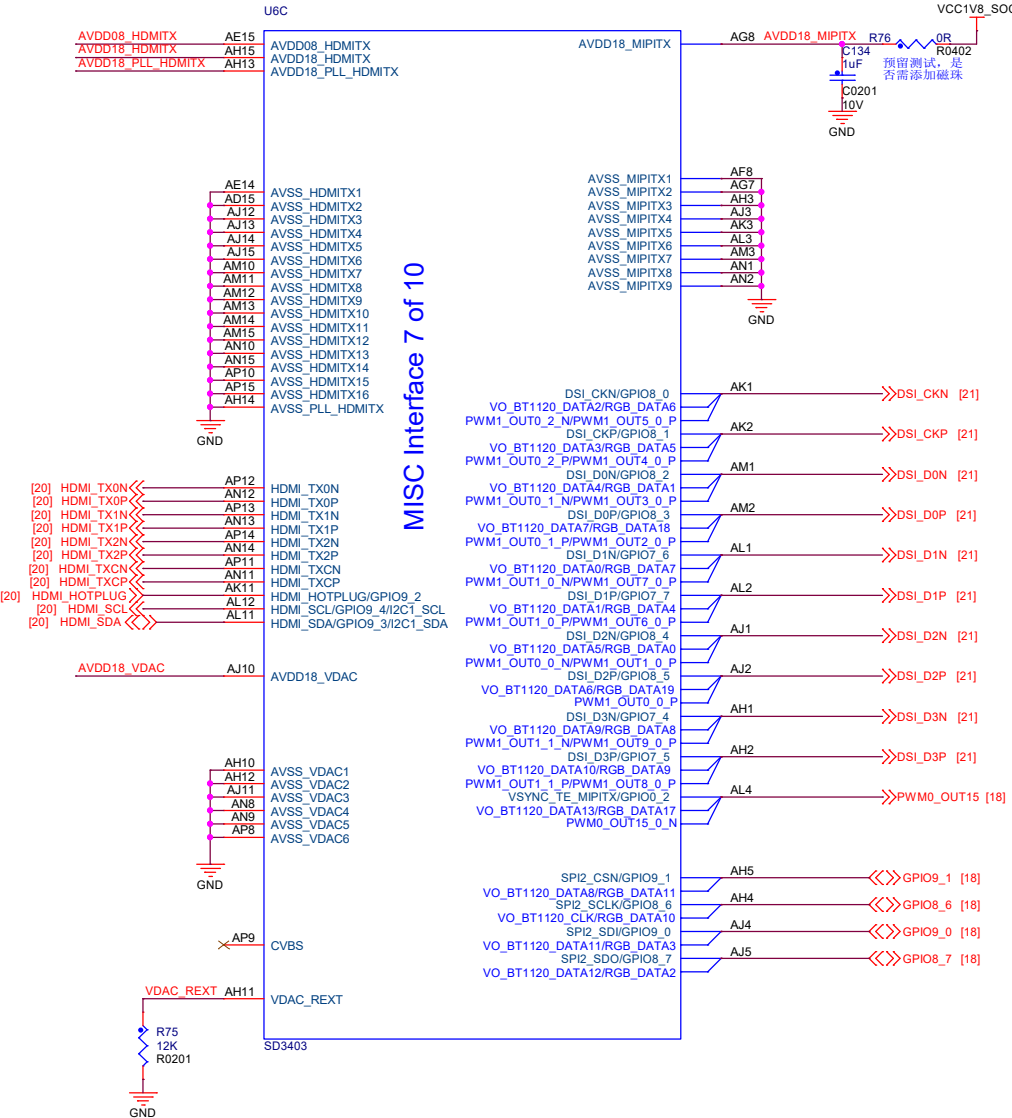
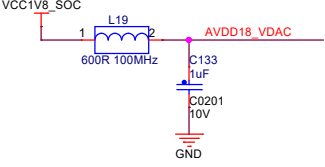
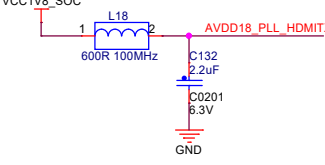
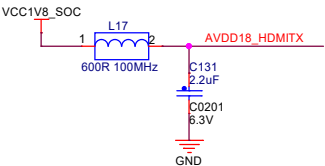
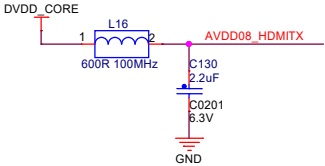
MISC Interface 3 of 10



Board ID:0x0000 **MEMU**: VIN2:0.3V VIN3:0.3V ADC**MEMU**:VIN2:682 VIN3:682

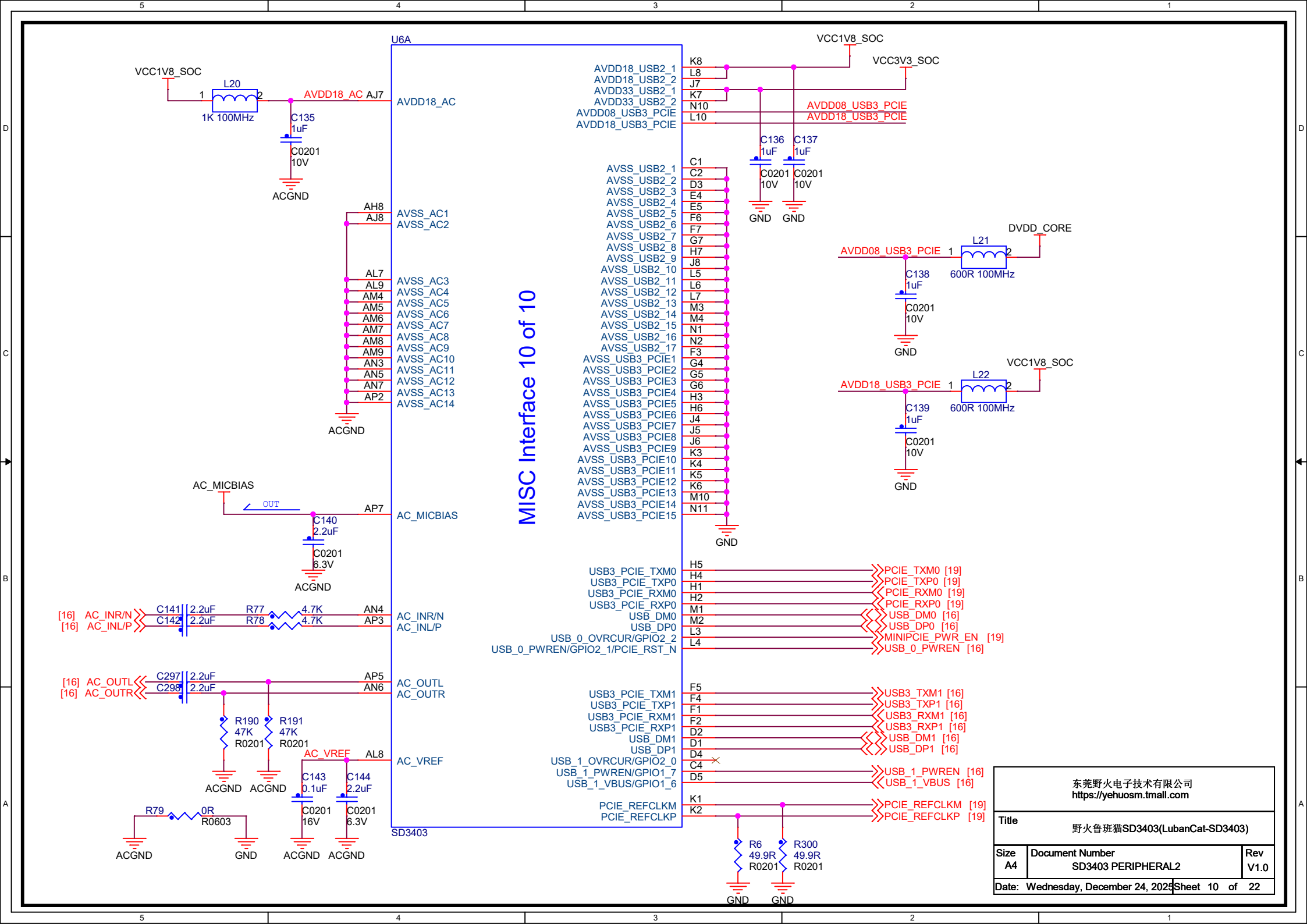
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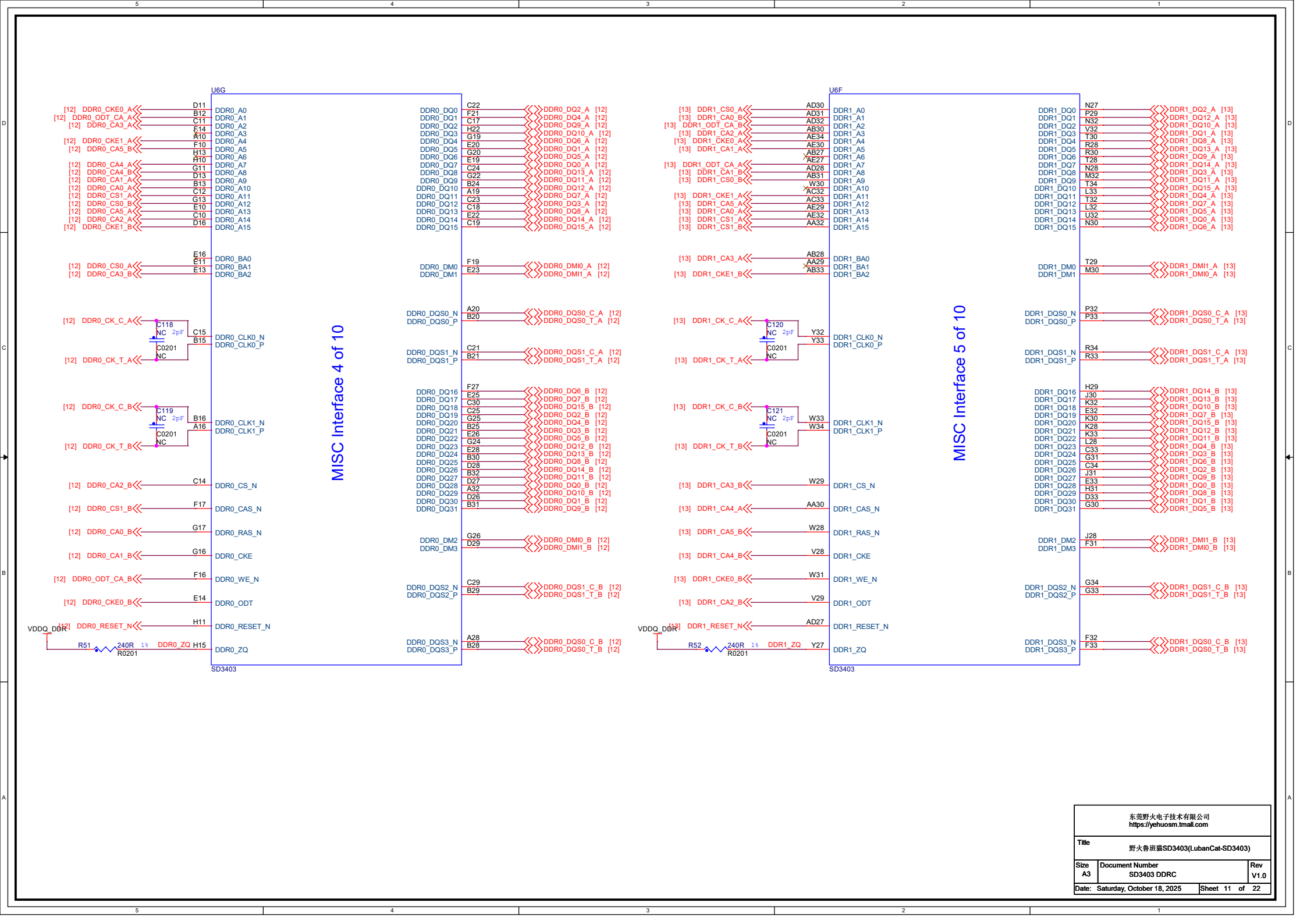




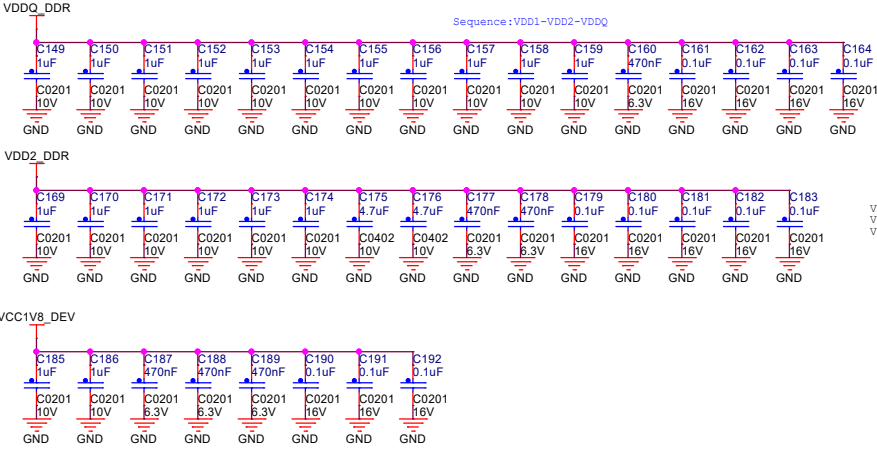
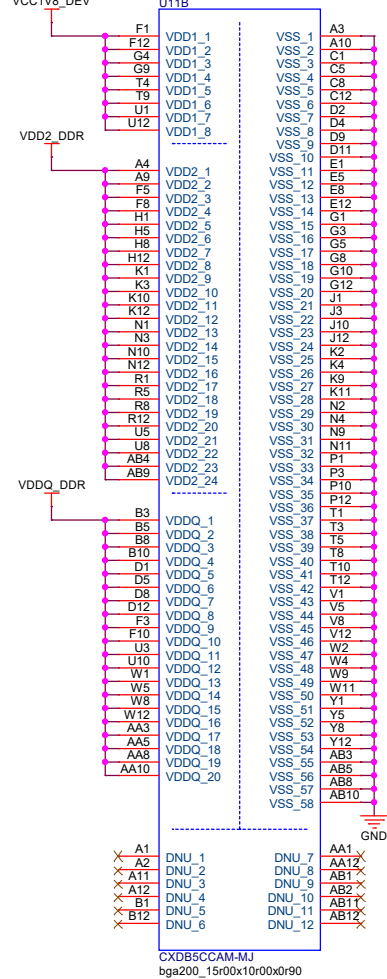
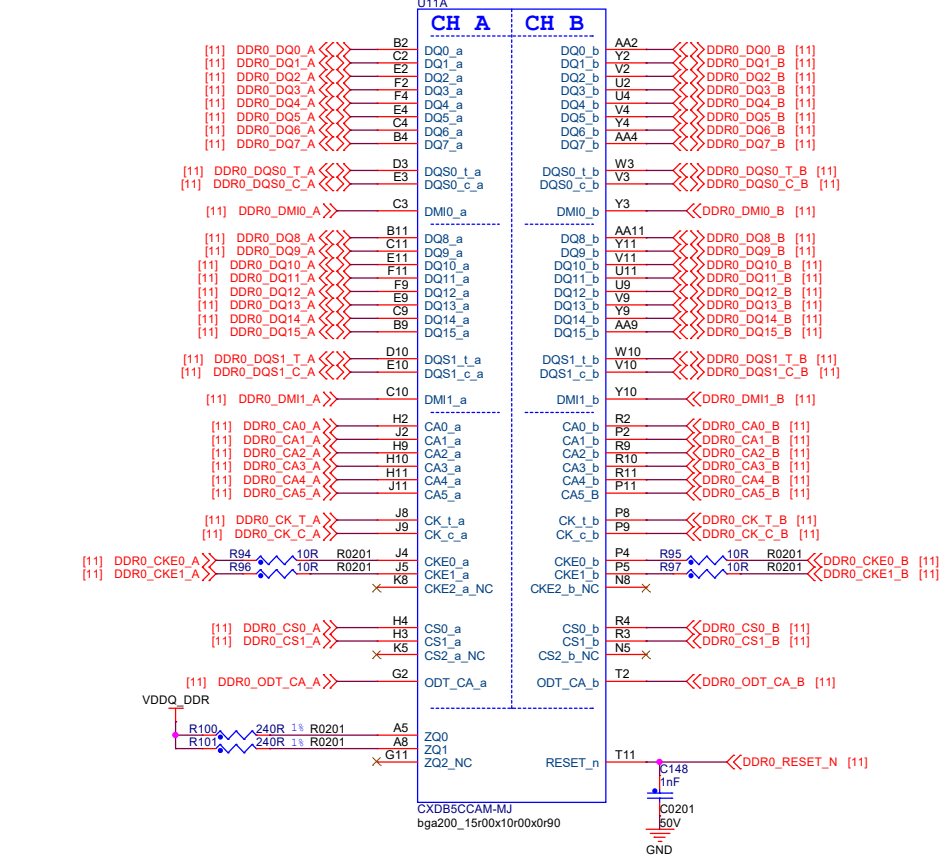
MISC Interface 7 of 10

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Title 野火鲁班猫SD3403(LubanCat-SD3403)		
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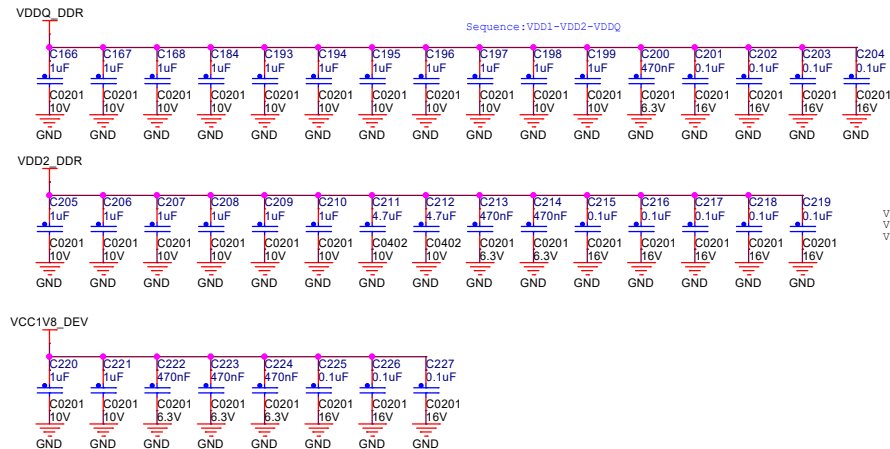
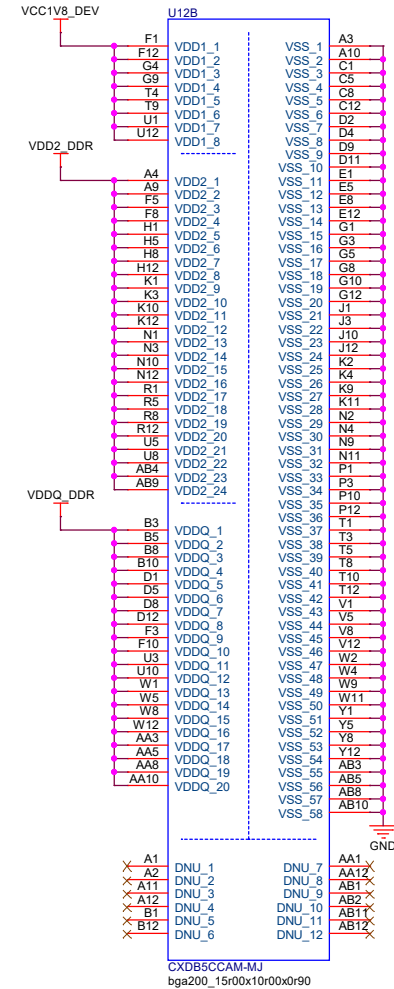
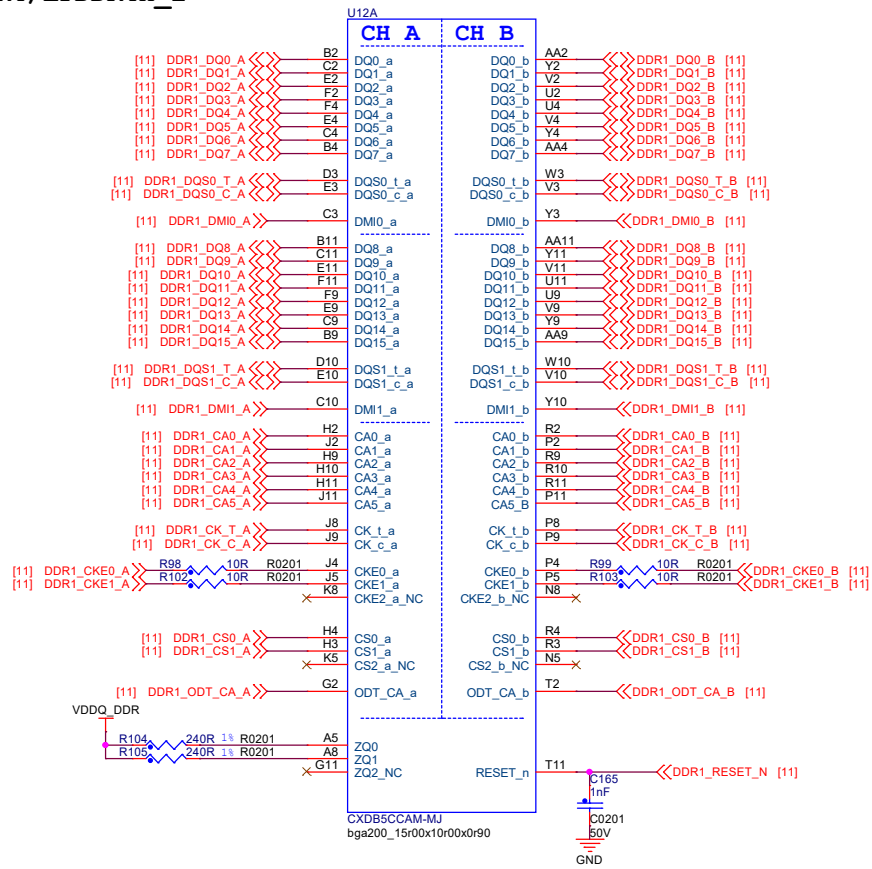


LPDDR4/LPDDR4x_1



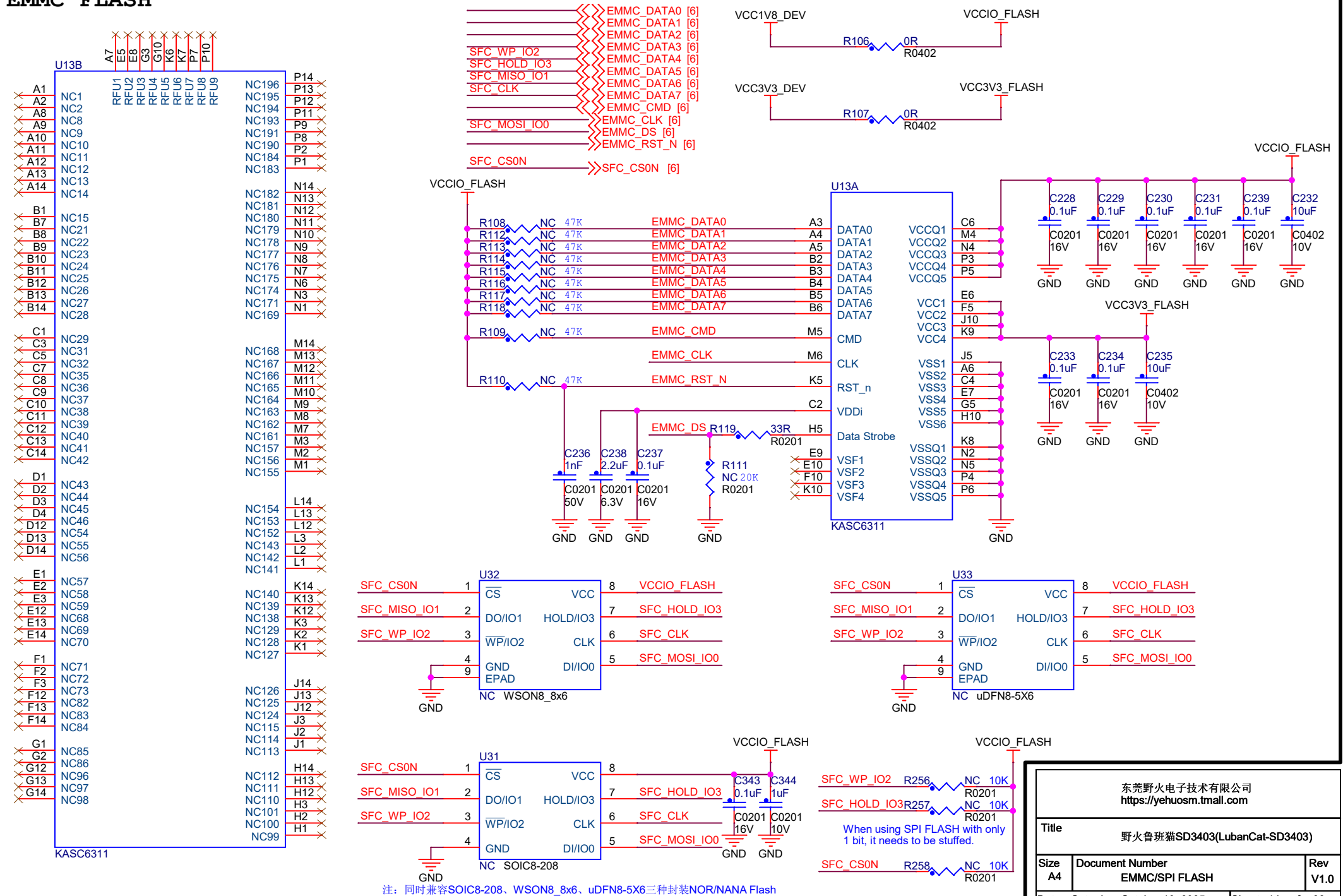
LPDDR4 LPDDR4x
VDD1: 1.70-1.95 1.70-1.95
VDD2: 1.06-1.17 1.06-1.17
VDDQ: 1.06-1.17 0.57-0.65

LPDDR4/LPDDR4x_2



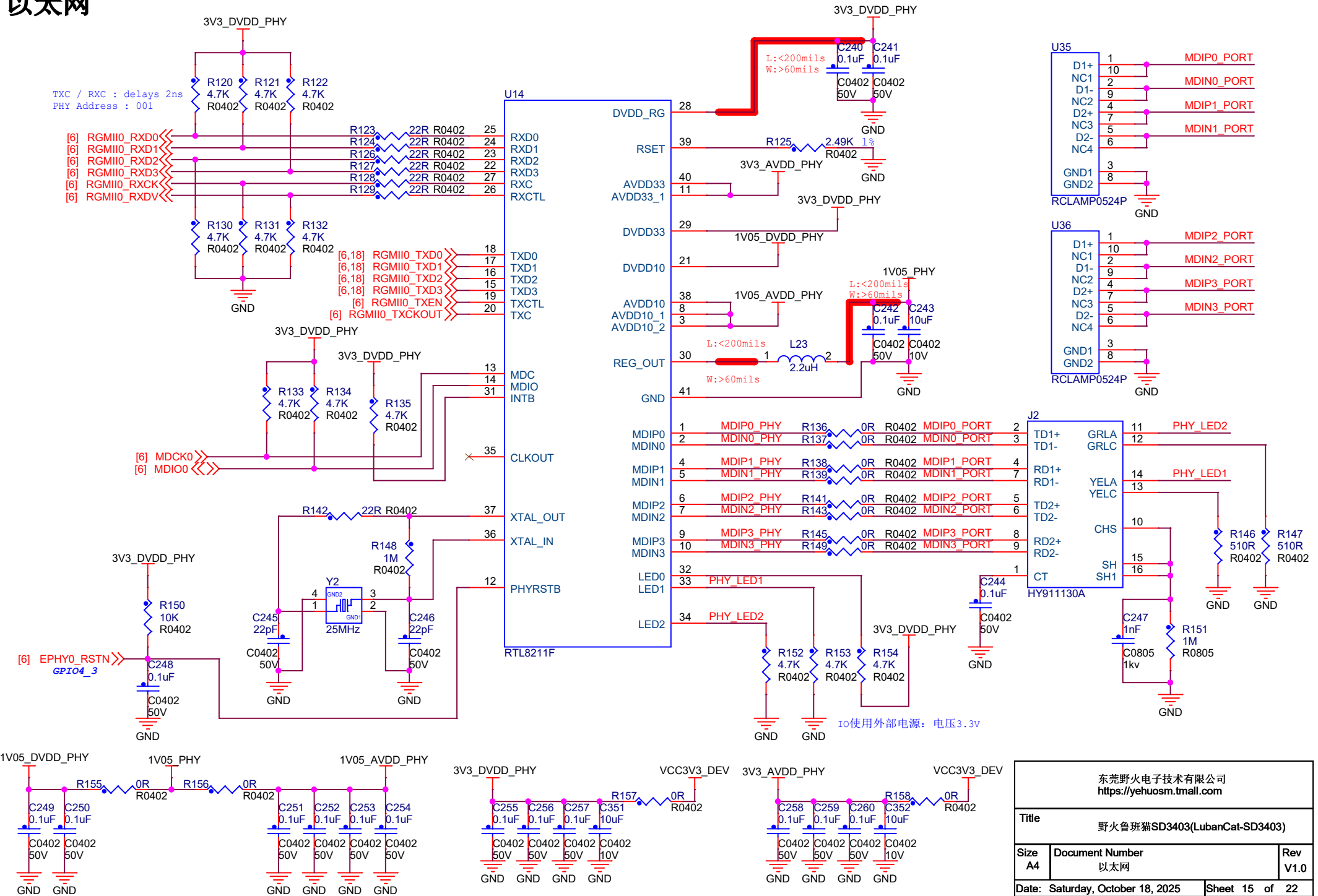
	LPDDR4	LPDDR4X
VDD1:	1.70-1.95	1.70-1.95
VDD2:	1.06-1.17	1.06-1.17
VDDQ:	1.06-1.17	0.57-0.65

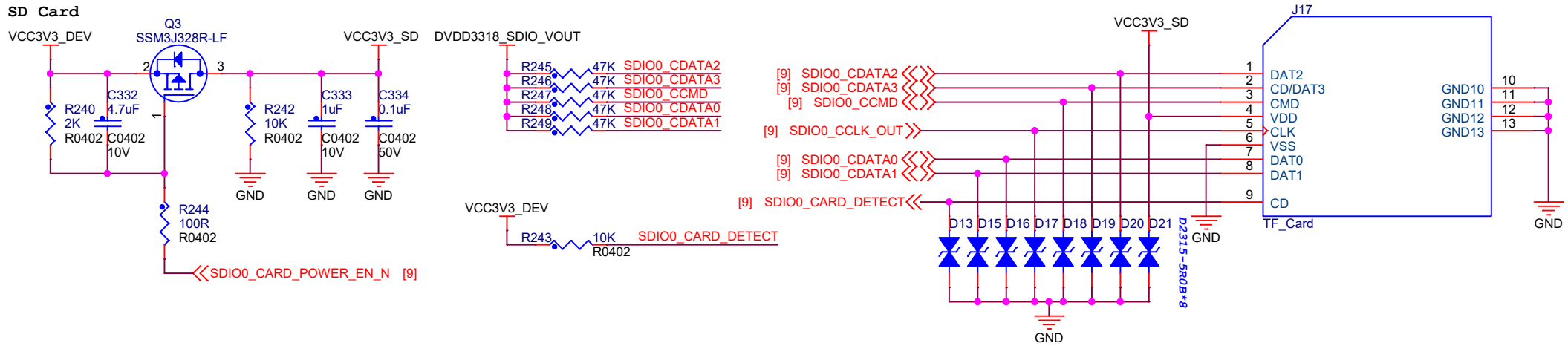
EMMC FLASH



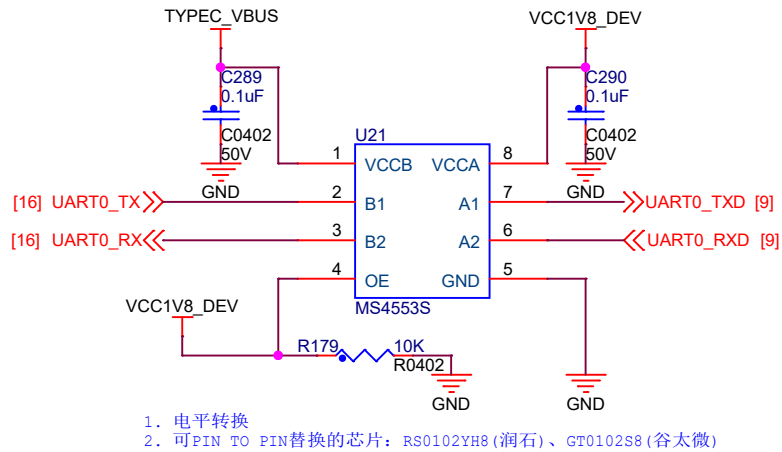
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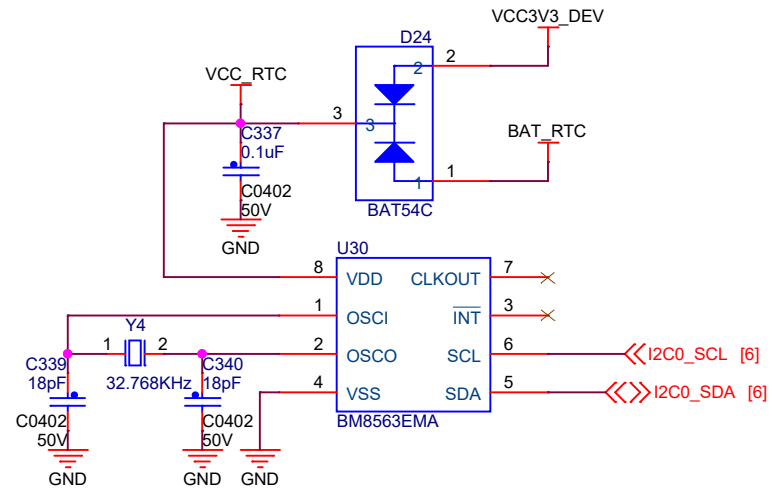




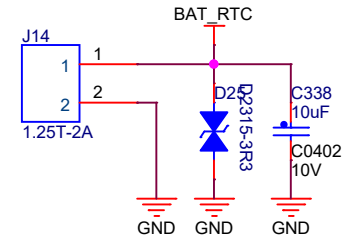
Debug接口电平转换



RTC



RTC电源插座，支持断电保存时间

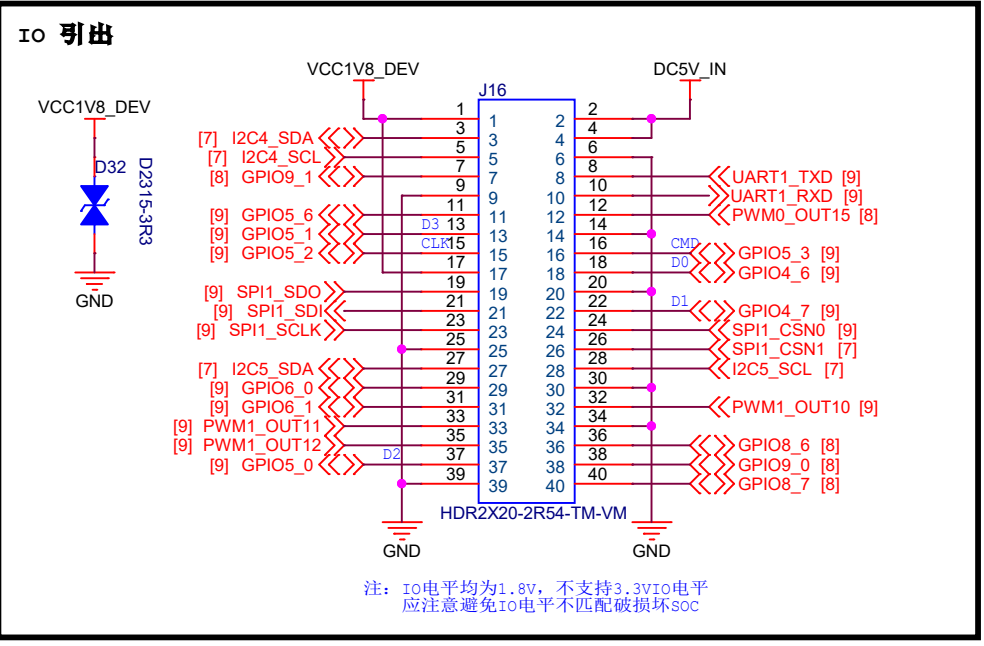
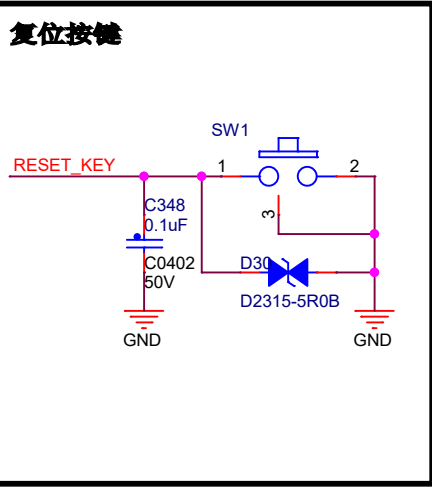
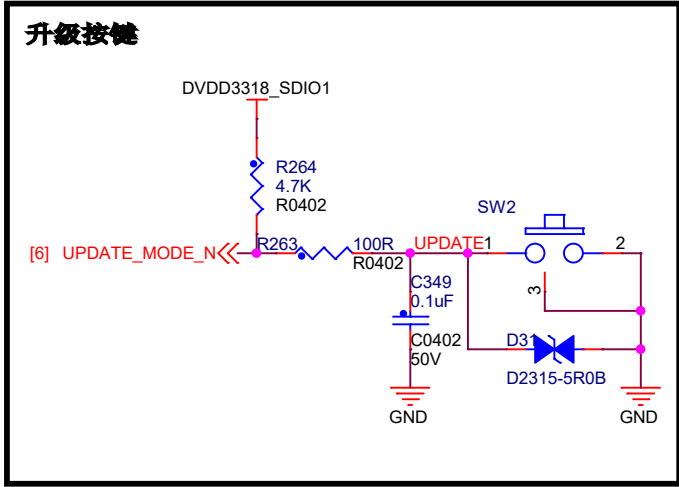
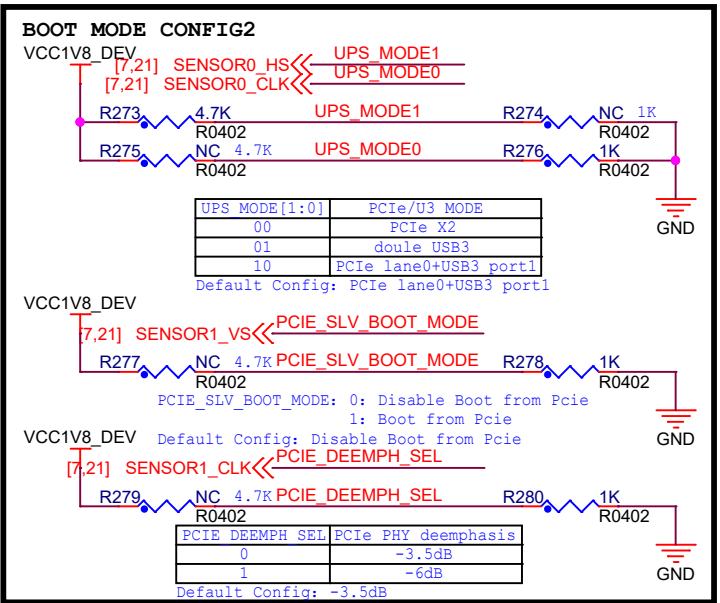
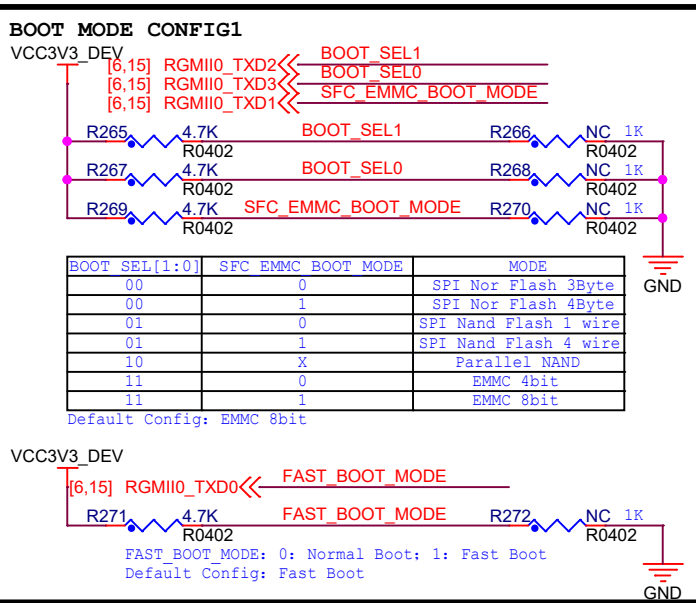
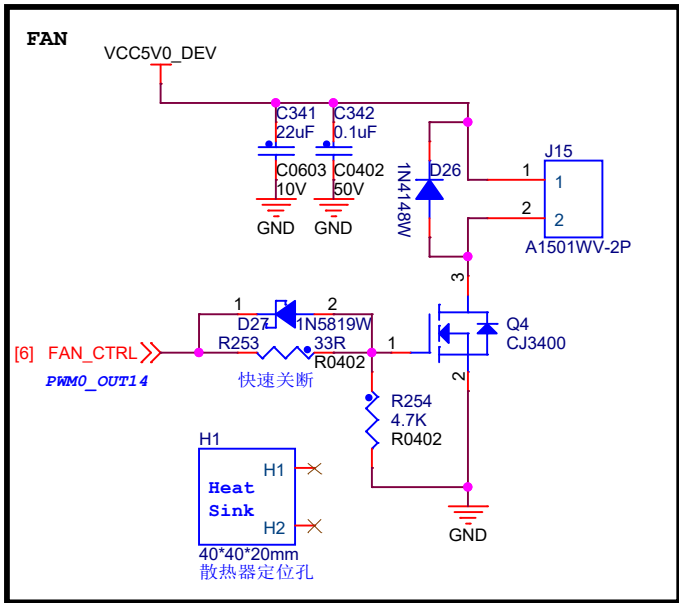


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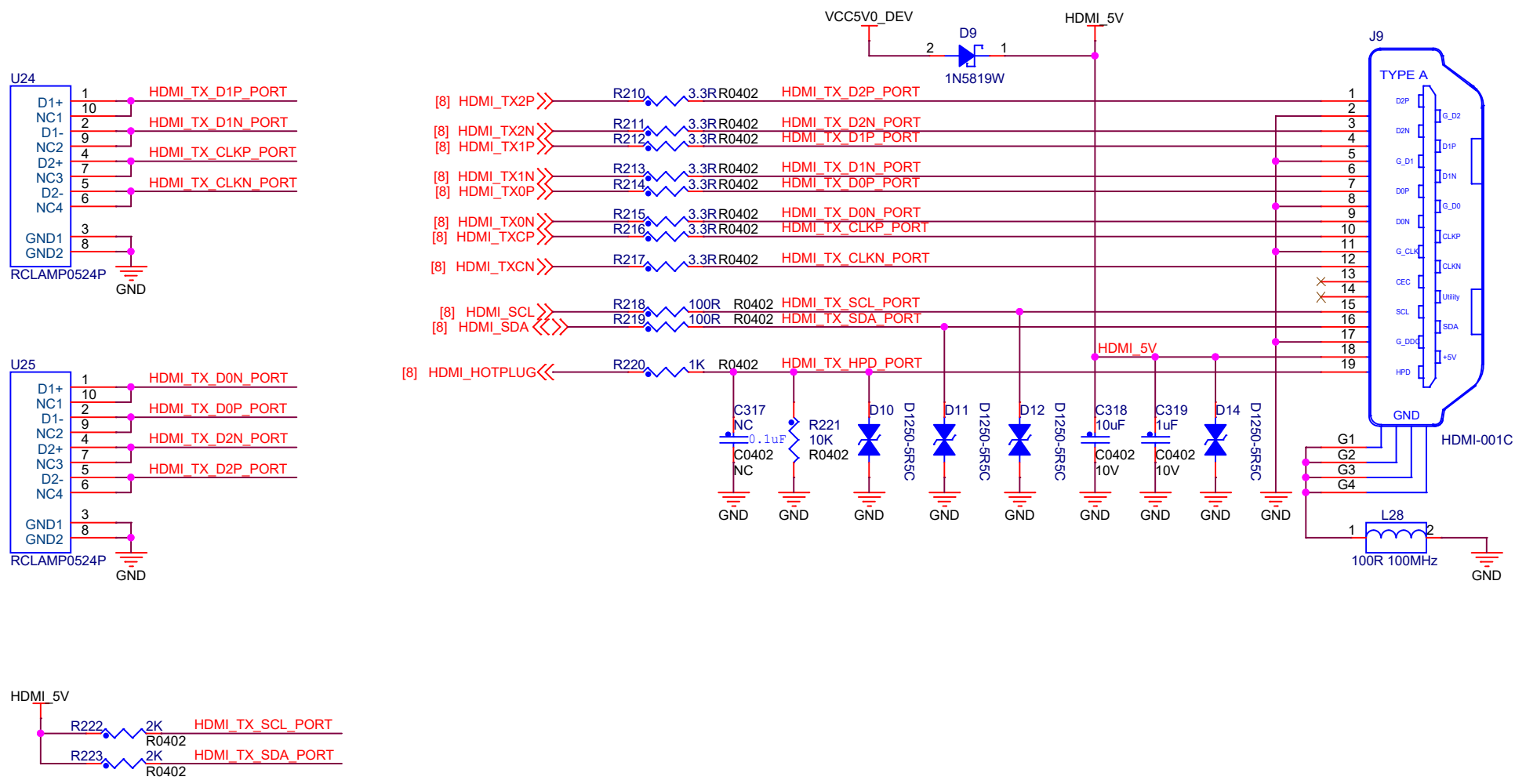
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Size A4	Document Number SD Card/Debug/RTC	Rev V1.0
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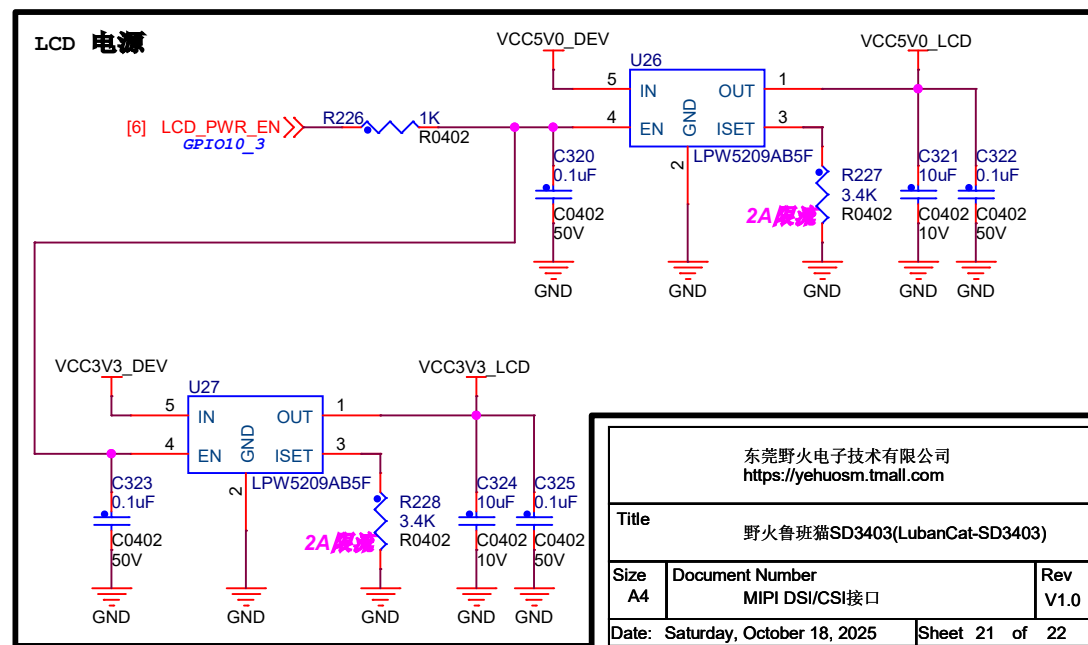
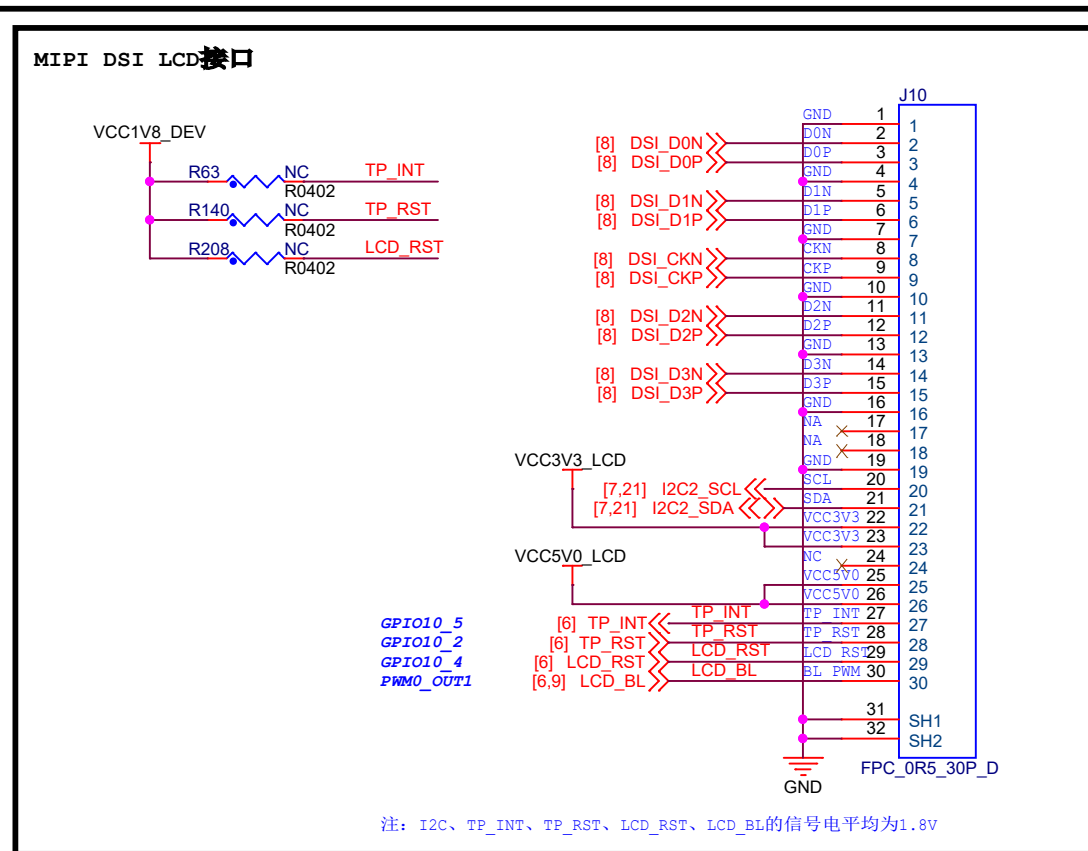
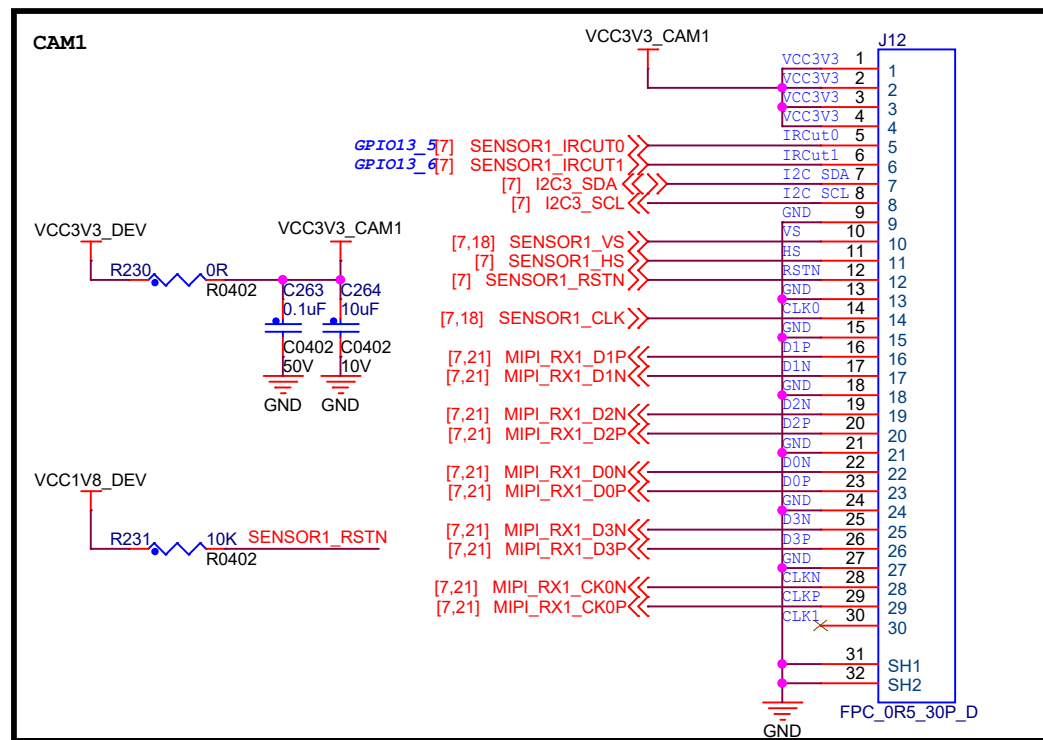
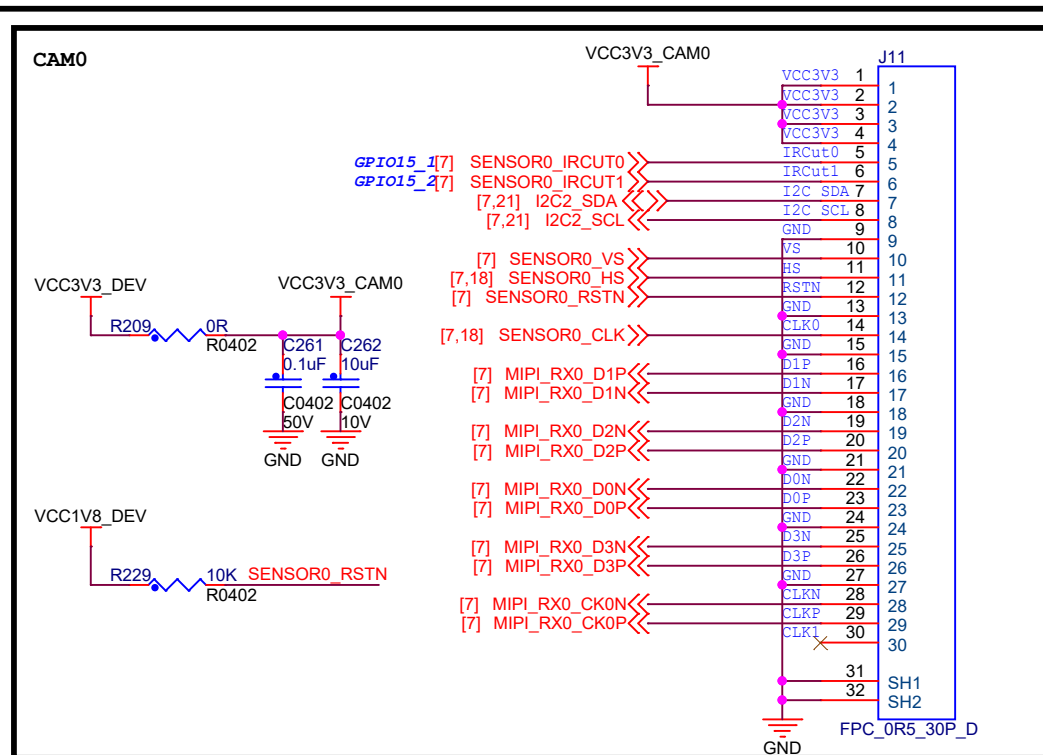
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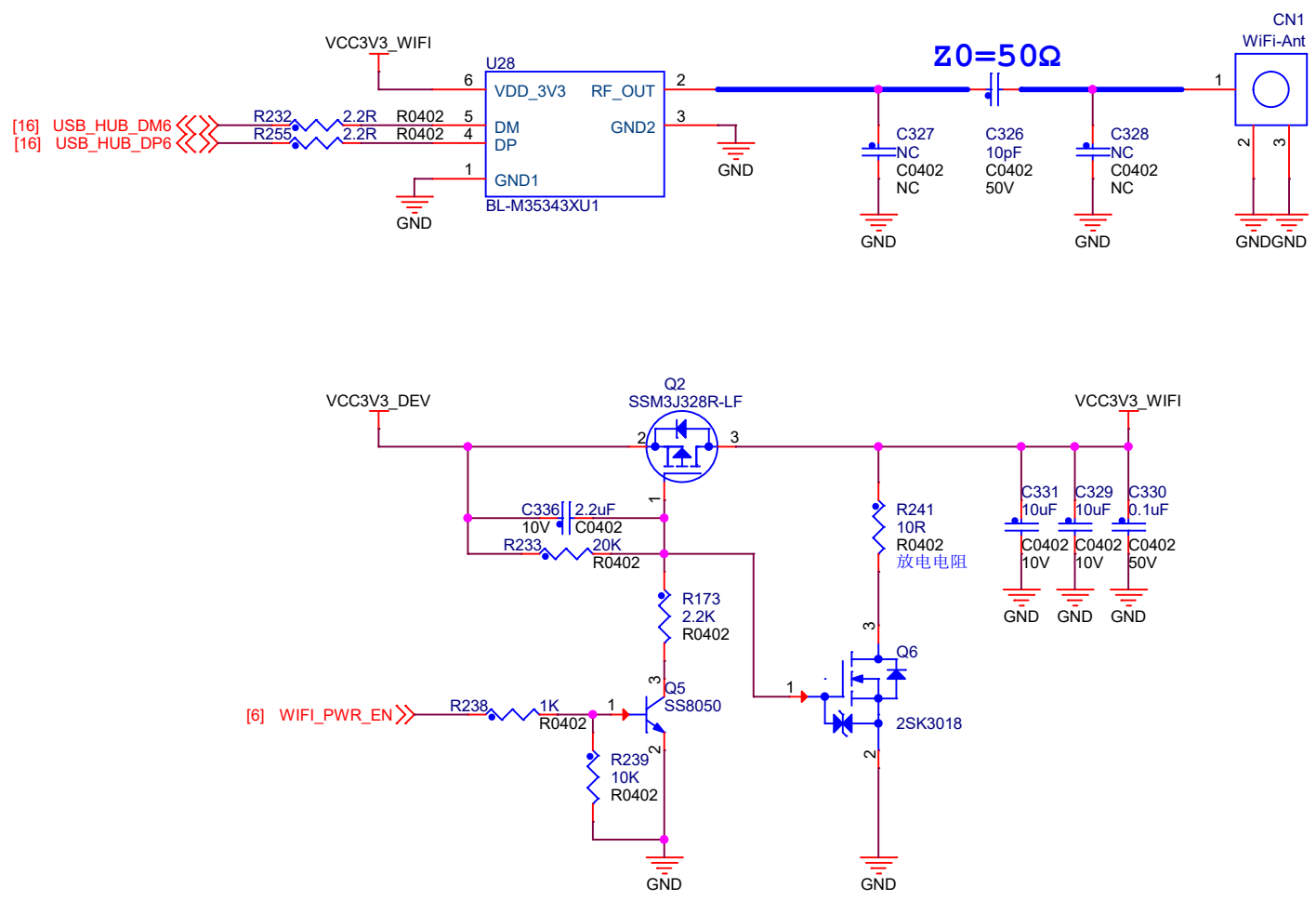
HDMI接口



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Title 野火鲁班猫SD3403(LubanCat-SD3403)		
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USB WIFI模块



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