

野火_EBF RK3568 底板_原理图

目录

Page 1	目录
Page 2	历史版本
Page 3	电源
Page 4	MXM连接器
Page 5	按键/LED/RTC
Page 6	CAN/RS485
Page 7	SD卡/串口 (DEBUG/RS232/UART)
Page 8	WIFI&Bluetooth
Page 9	以太网_1
Page 10	以太网_2
Page 11	USB3.0 HUB
Page 12	USB接口
Page 13	4G/5G模块
Page 14	HDMI接口
Page 15	MIPI DSI/eDP1.3/TP接口
Page 16	MIPI CSI接口
Page 17	音频接口
Page 18	M.2 PCIE3.0/SATA3.0接口

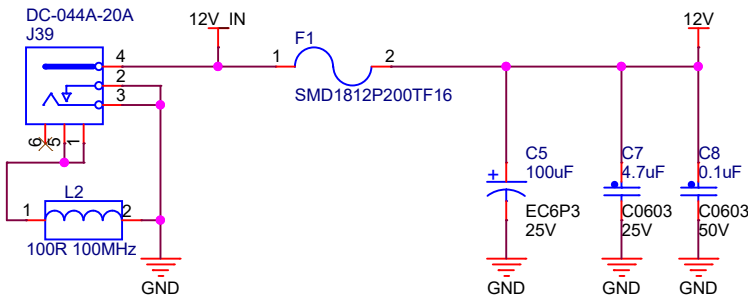
东莞野火电子有限公司 https://yehuosm.tmall.com		
Title 野火_EBF RK3568 底板		
Size A4	Document Number 目录	Rev V1.0
Date: Wednesday, February 08, 2023	Sheet 1 of 16	

历史版本

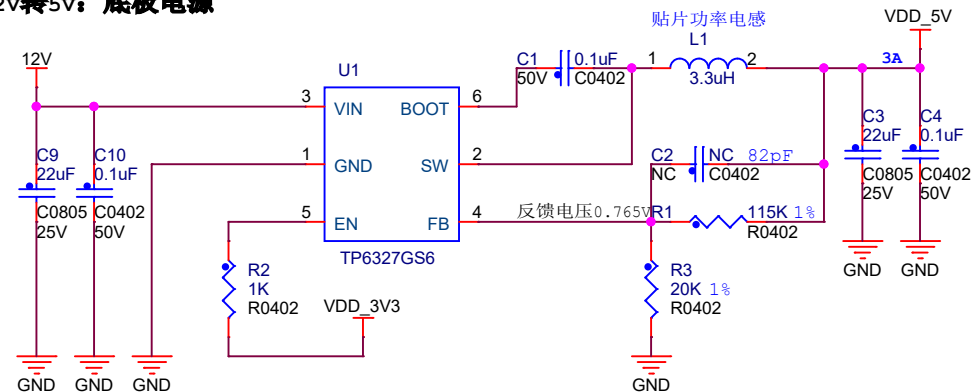
版本号	日期	设计	描述
V1.0	2021-10-15	llm	初始版本
V1.1	2021-12-07	llm	1.电容触摸屏接口INT、RST引脚添加上拉电阻 2.按键改为小封装的侧贴按键 3.Connector引脚网络对调如下： (1) 203与205引脚网络对调 (2) 33与35引脚网络对调 (3) 107与109引脚网络对调 (4) 141与143引脚网络对调 (5) 217与219引脚网络对调
V1.2	2021-12-12	llm	1.把大部分电阻电容的改为0402封装 2.为了方便layout，把HDMI的TVS SRV05-4改为RCLAMP0524P

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Title 野火_EBF RK3568 底板			
Size A4	Document Number 历史版本		Rev V1.0
Date: Wednesday, February 08, 2023		Sheet 2 of 16	

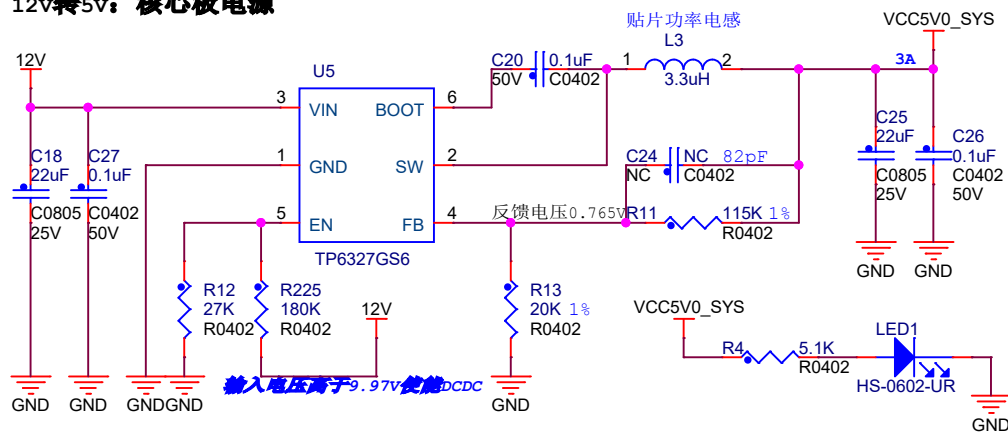
DC IN : 12V



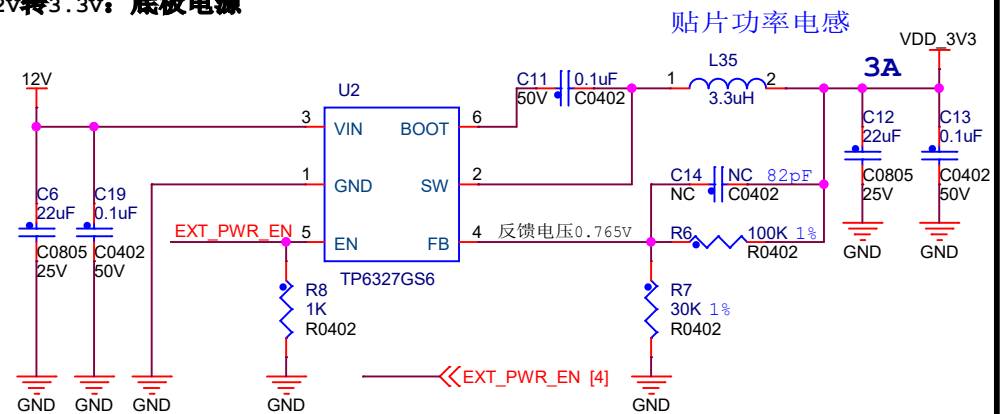
12V转5V: 底板电源



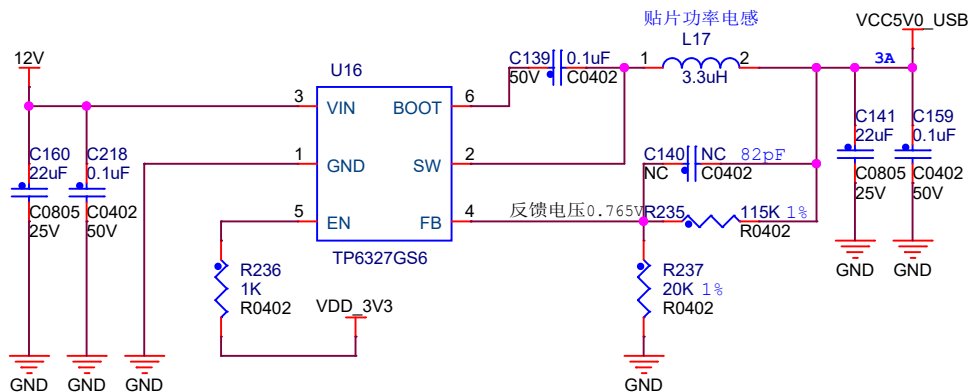
12V转5V: 核心板电源



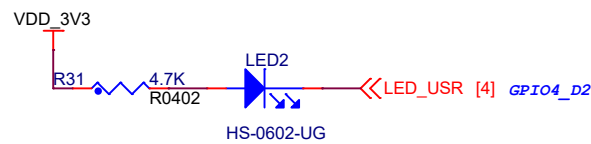
12V转3.3V: 底板电源



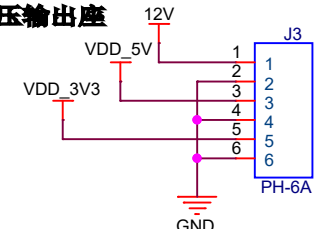
12V转5V: USB电源



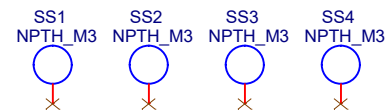
LED



电压输出座

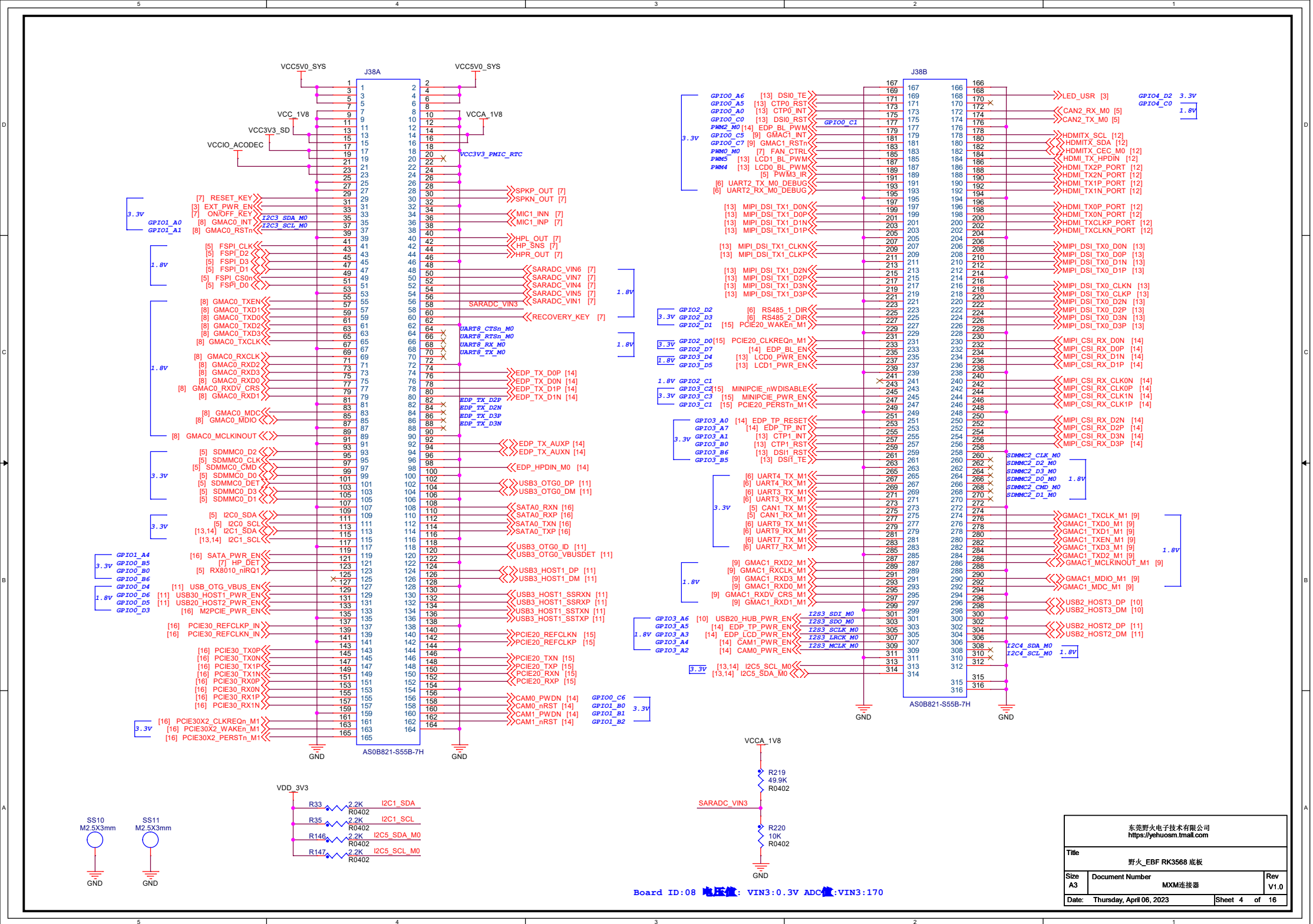


定位孔

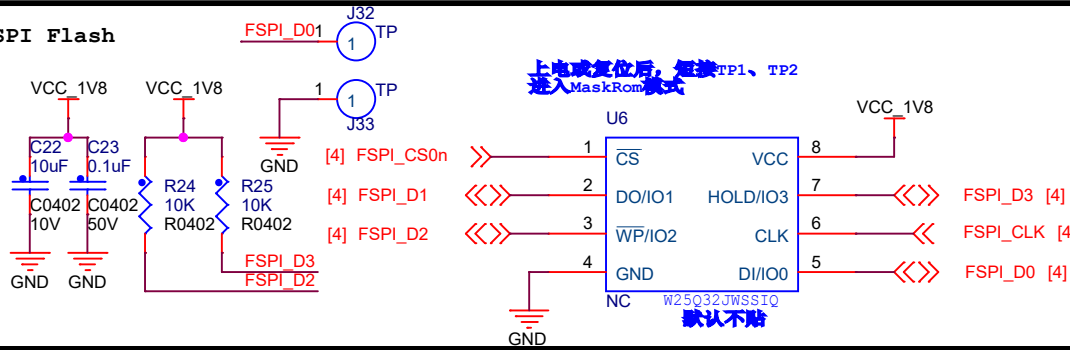


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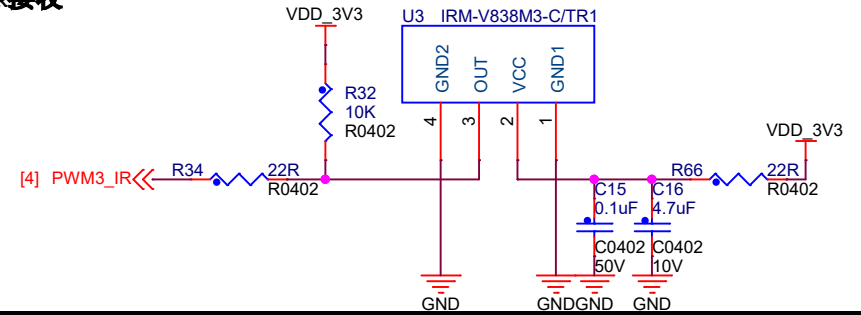
Title		
野火_EBF RK3568 底板		
Size	Document Number	Rev
A4	电源	V1.0
Date:	Thursday, April 06, 2023	Sheet 3 of 16



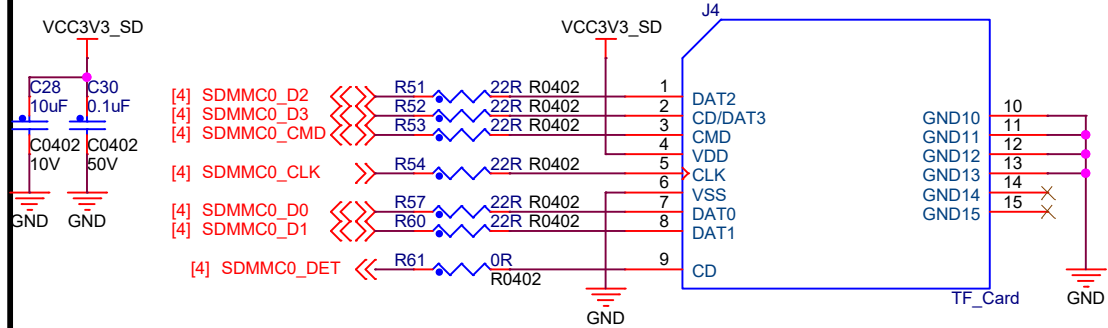
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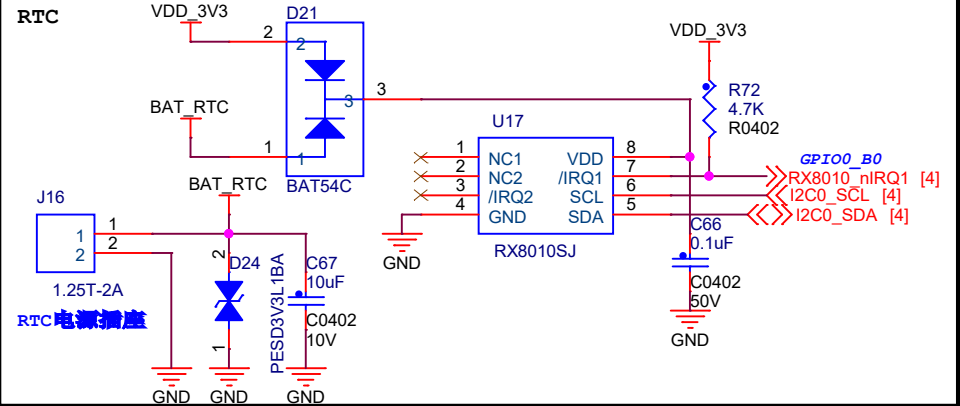
IR接收



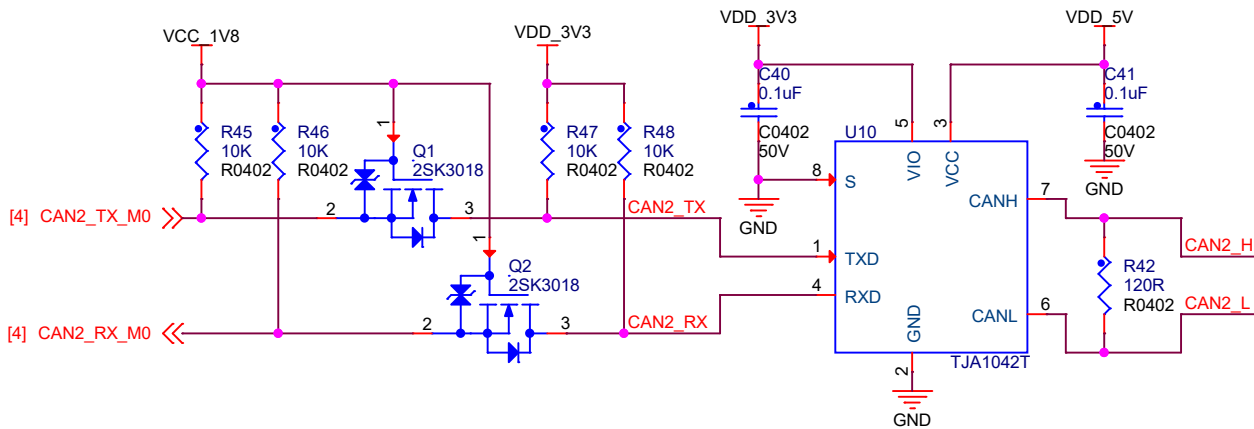
SD Card



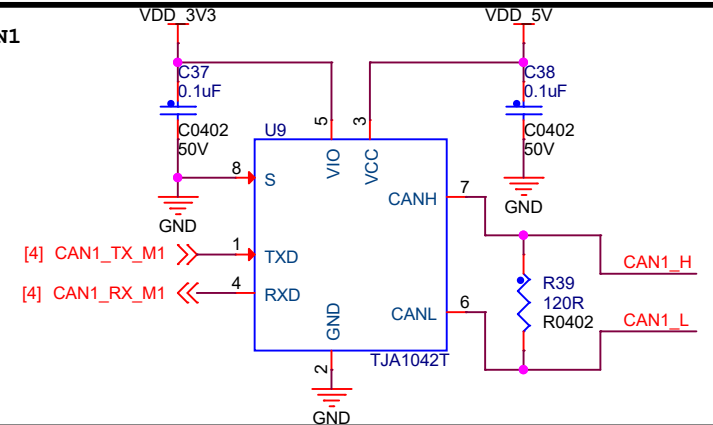
RTC



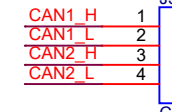
CAN2



CAN1



CAN接线端子



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野火_EBF RK3568 底板

Size
A4

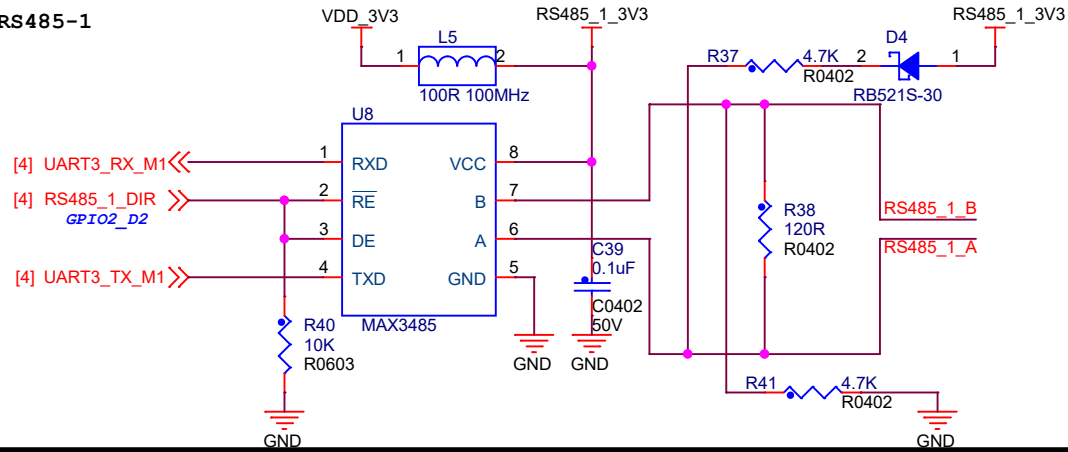
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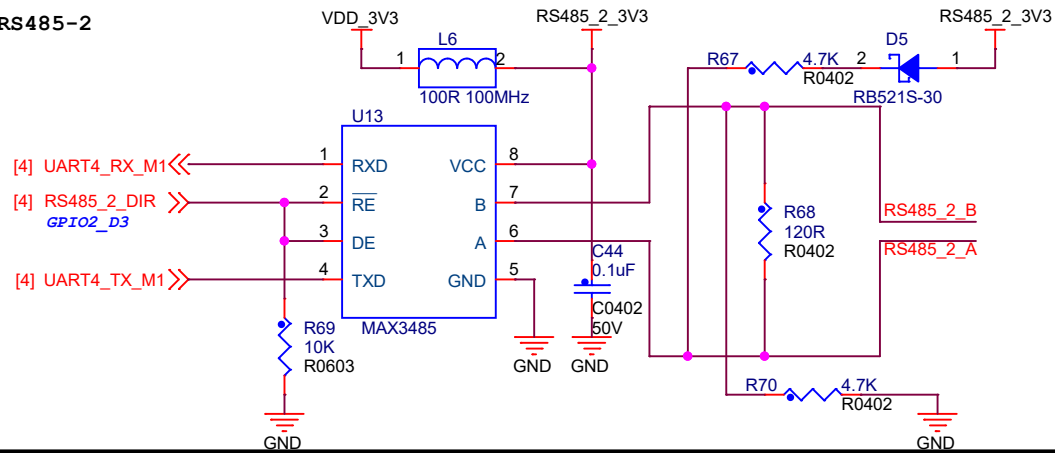
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Sheet 5 of 16

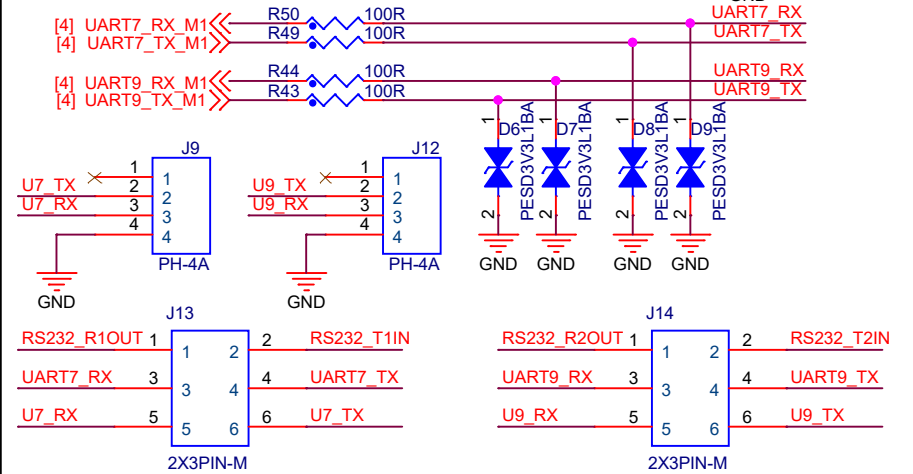
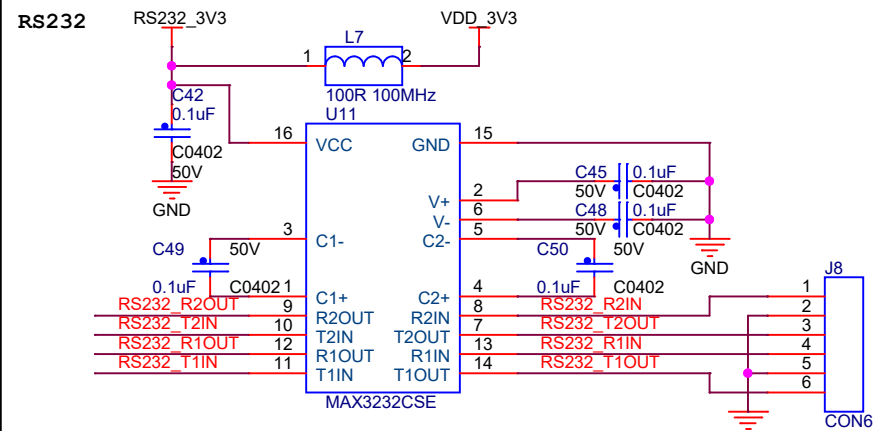
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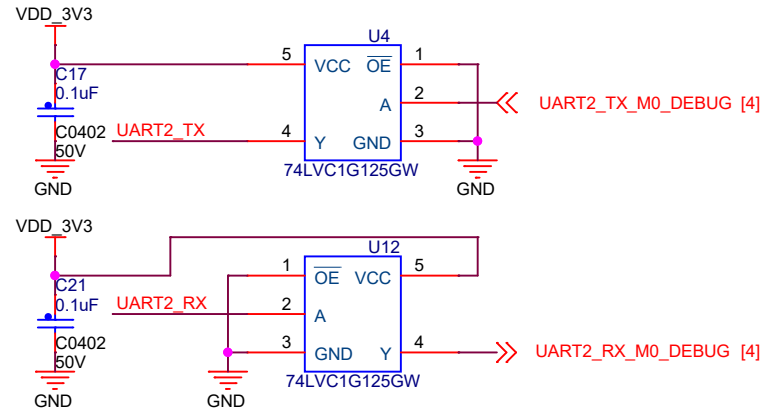
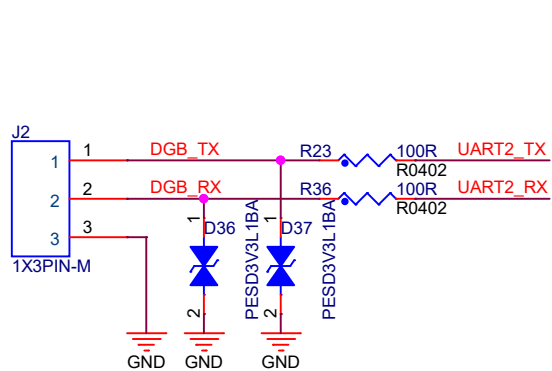
RS485-2



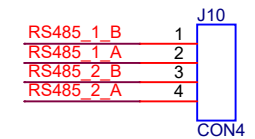
RS232



DEBUG接口



RS485接线端子



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野火_EBF RK3568 底板

Size
A4

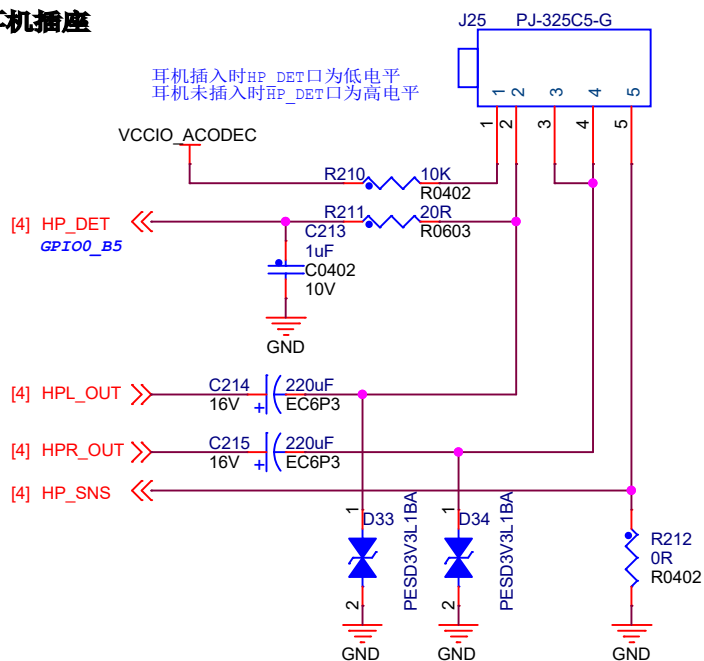
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Rev
V1.0

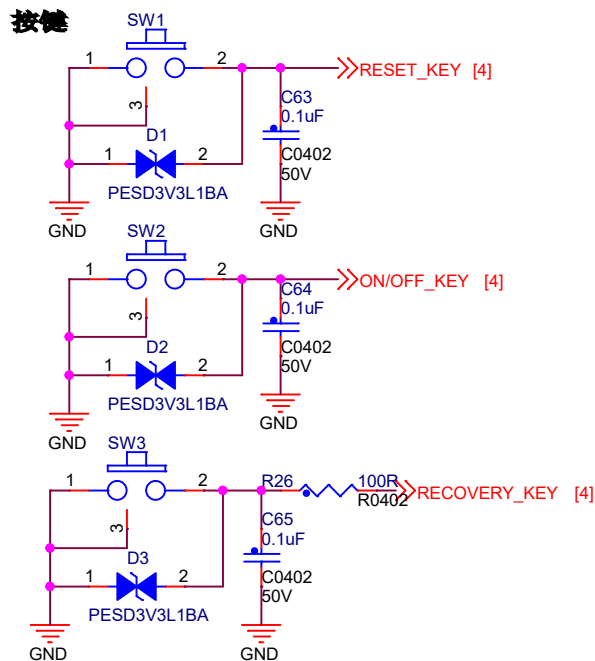
Date: Sunday, April 23, 2023

Sheet 6 of 16

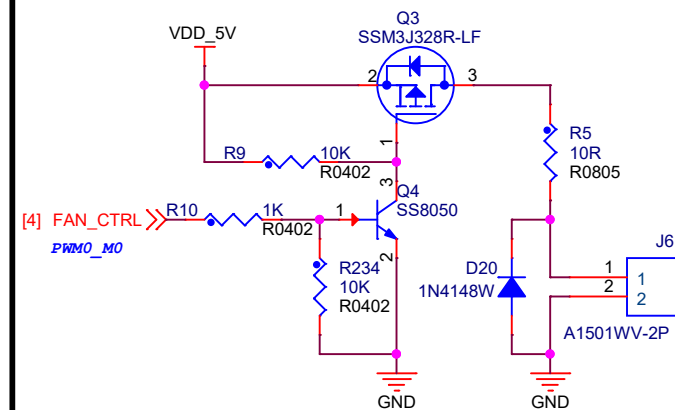
耳机插座



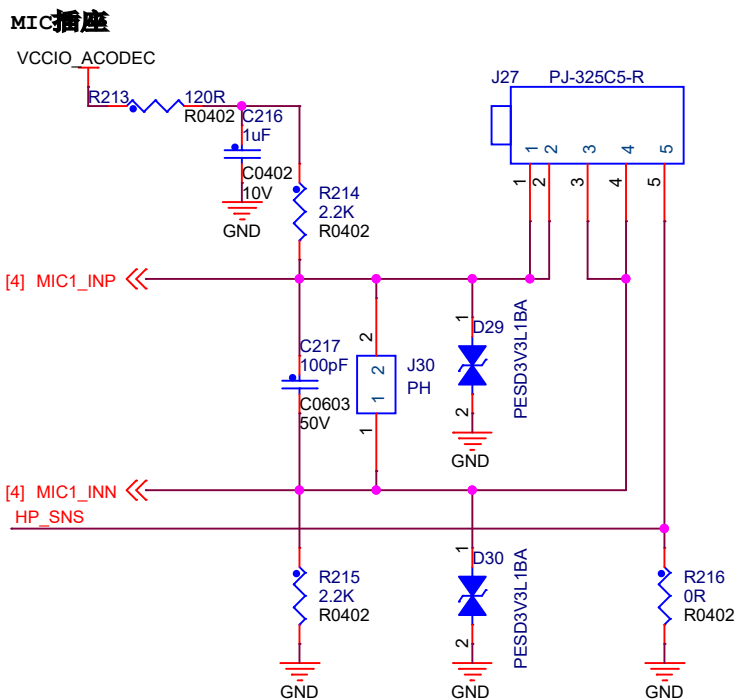
按键



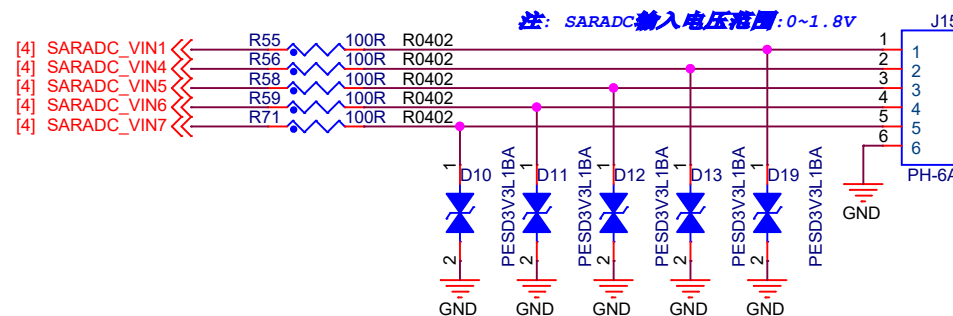
FAN



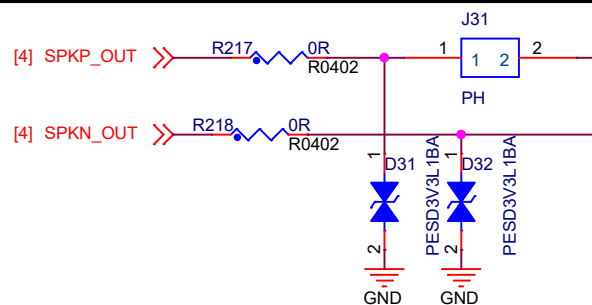
MIC插座



SARADC



SPK



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Title

野火_EBF RK3568 底板

Size
A4

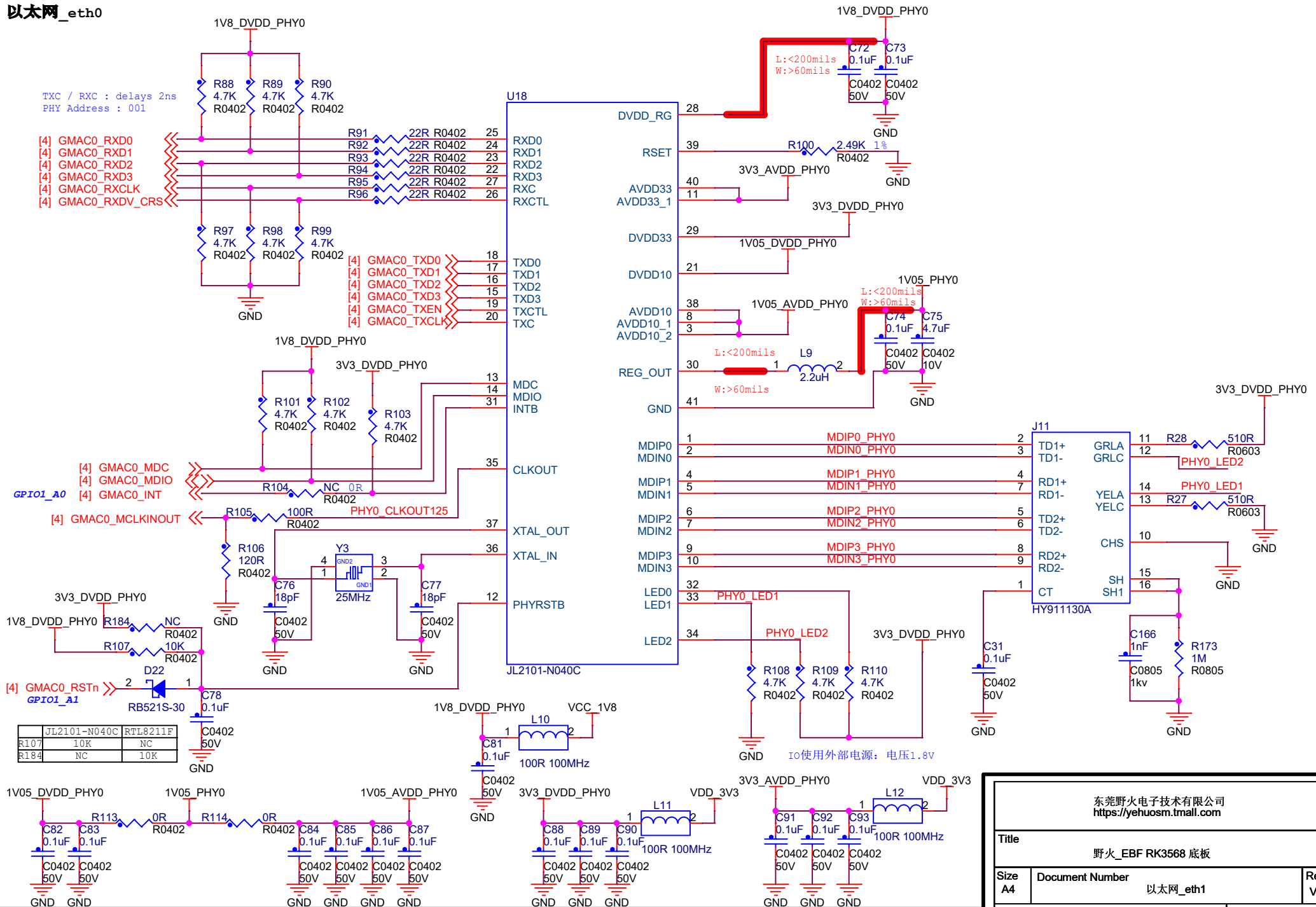
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Rev
V1.0

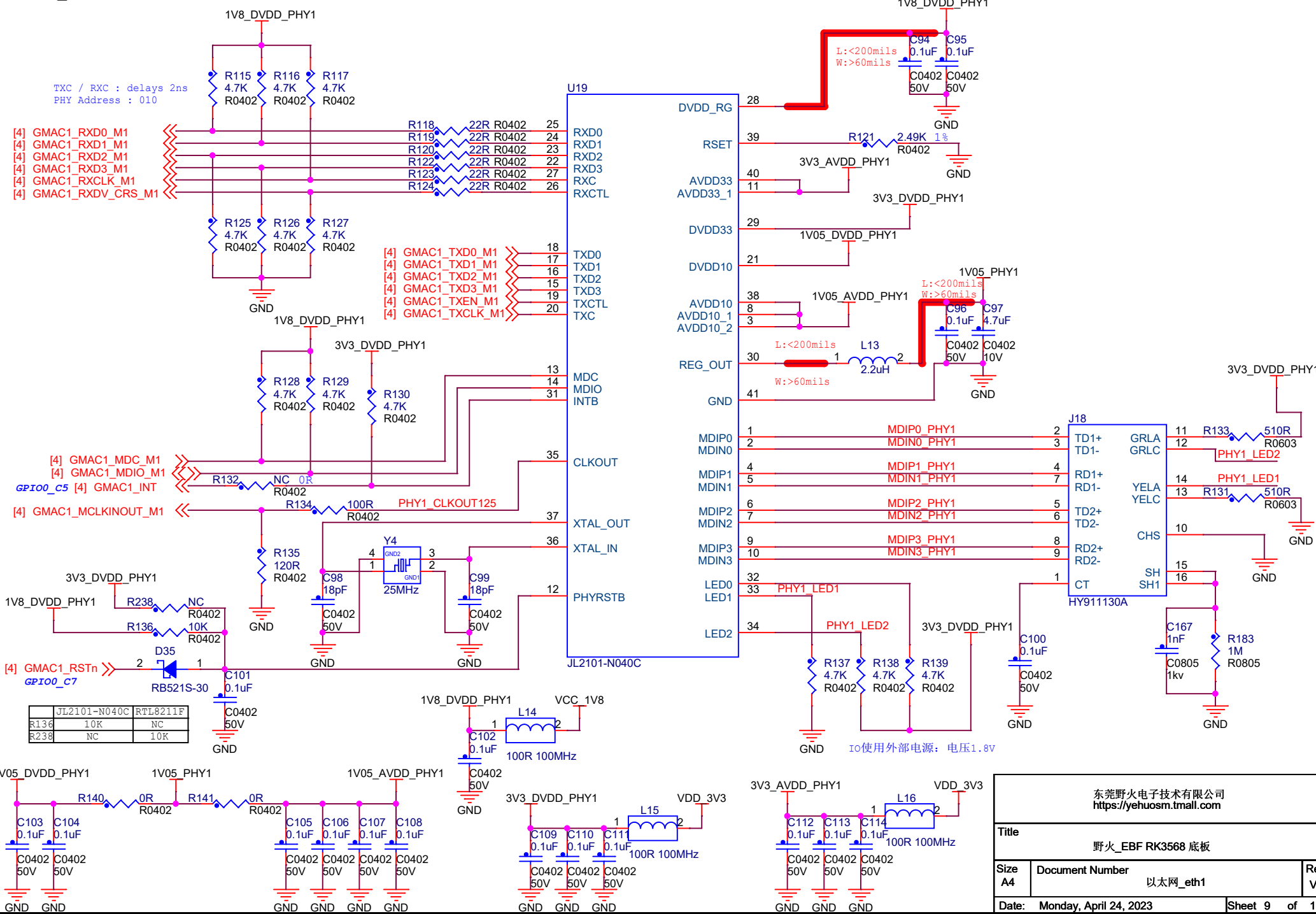
Date: Thursday, April 06, 2023

Sheet 7 of 16

以太网_eth0



以太网_eth1



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Title

野火_EBF RK3568 底板

Size
A4

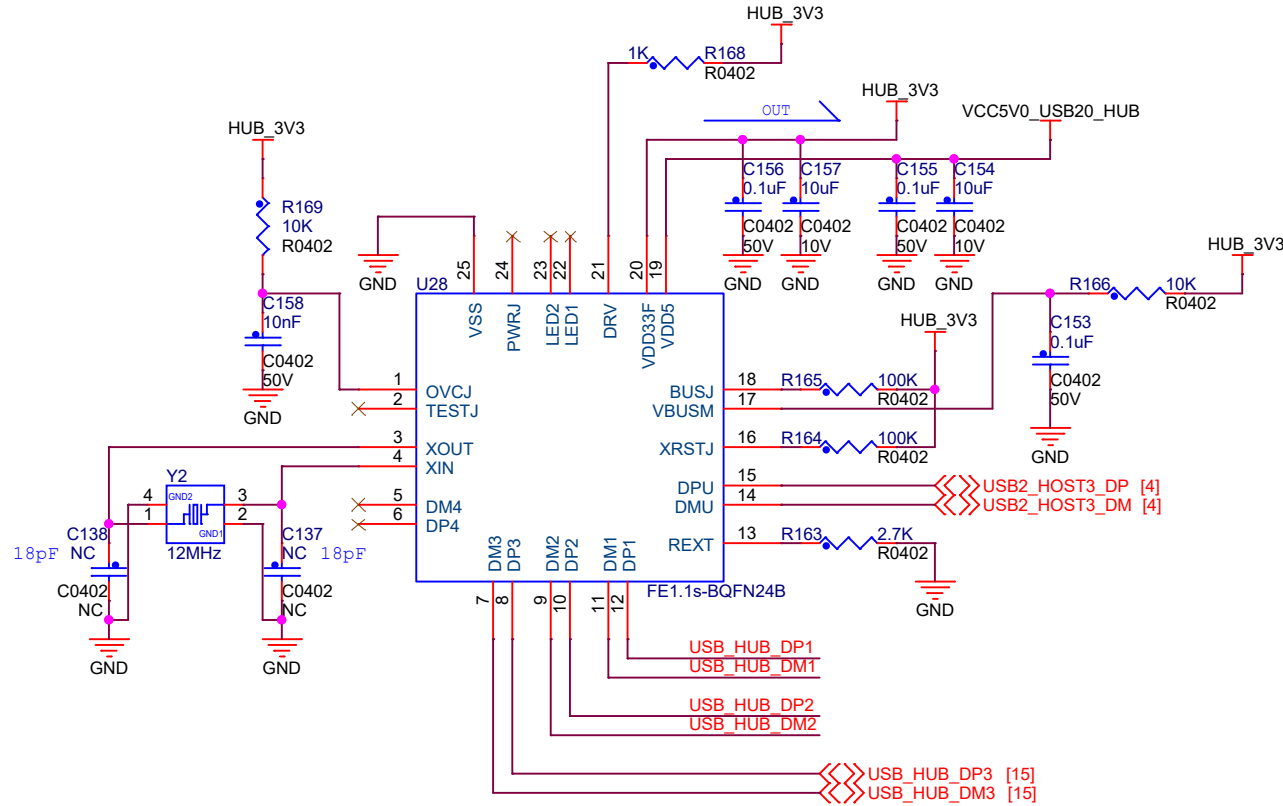
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Rev	V1.0
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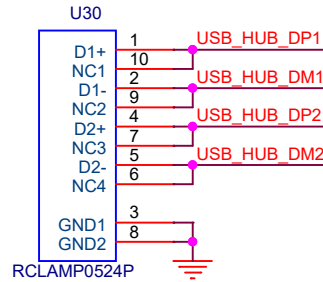
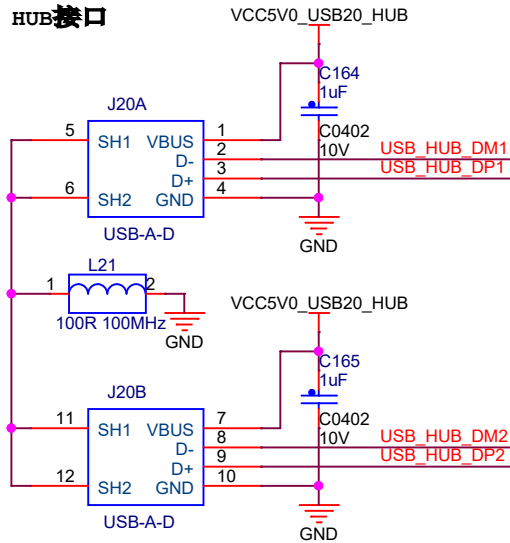
Date: Monday, April 24, 2023

Sheet 9 of 16

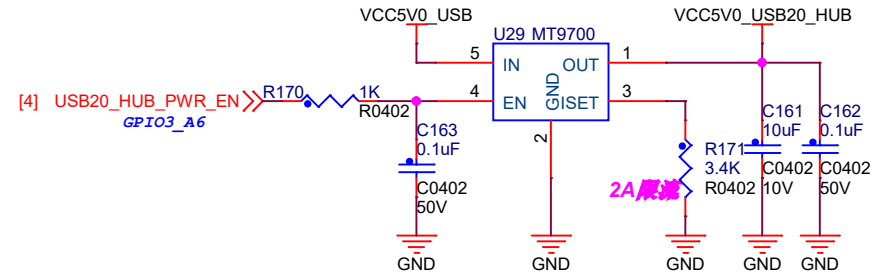
USB2.0 HUB



USB2.0 HUB接口



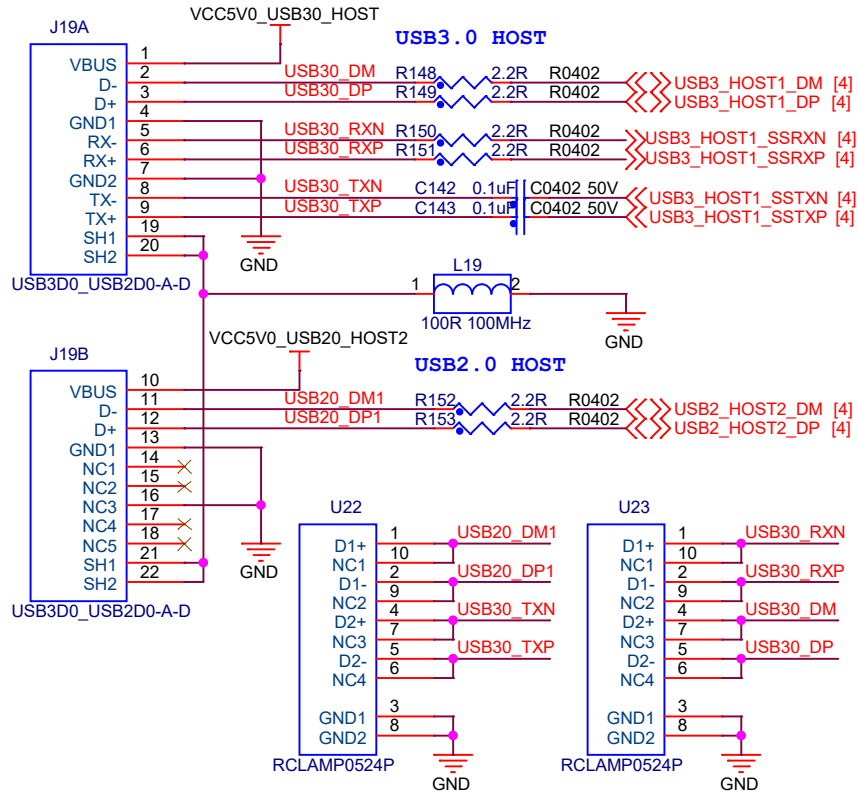
USB2.0 HUB PWR



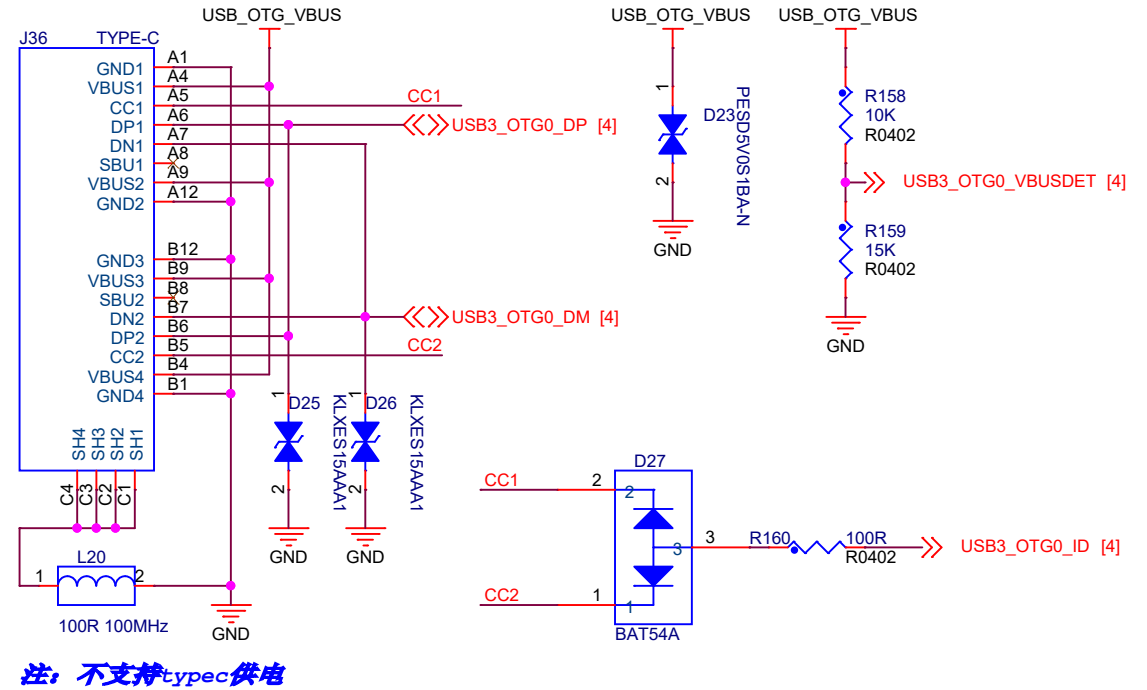
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Title			野火_EBF RK3568 底板
Size	Document Number	Rev	
A4	USB HUB	V1.0	
Date:	Wednesday, February 08, 2023	Sheet	10 of 16

USB2.0 USB3.0 HOST

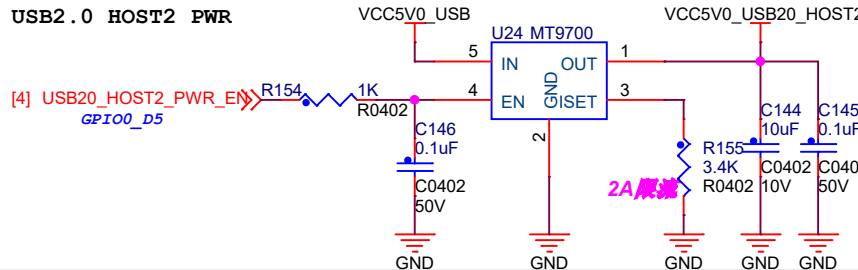


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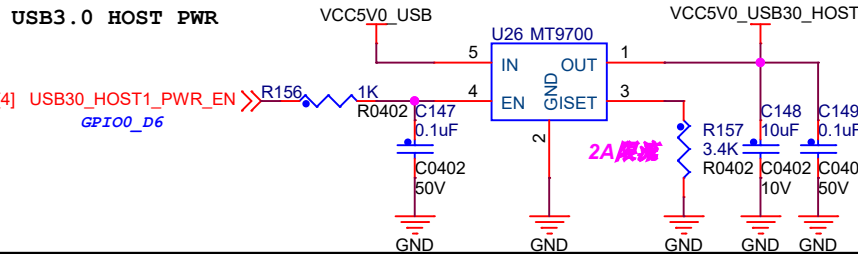


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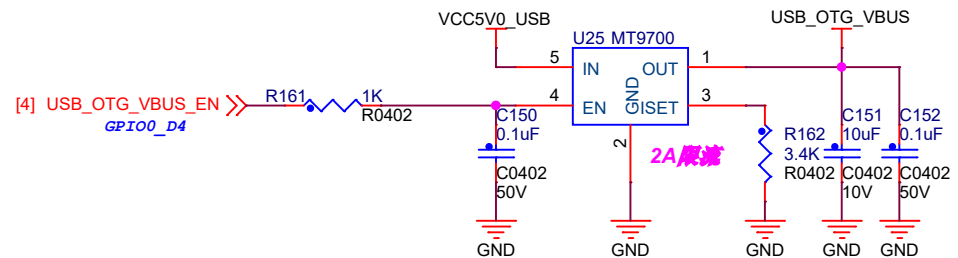
USB2.0 HOST2 PWR



USB3.0 HOST PWR



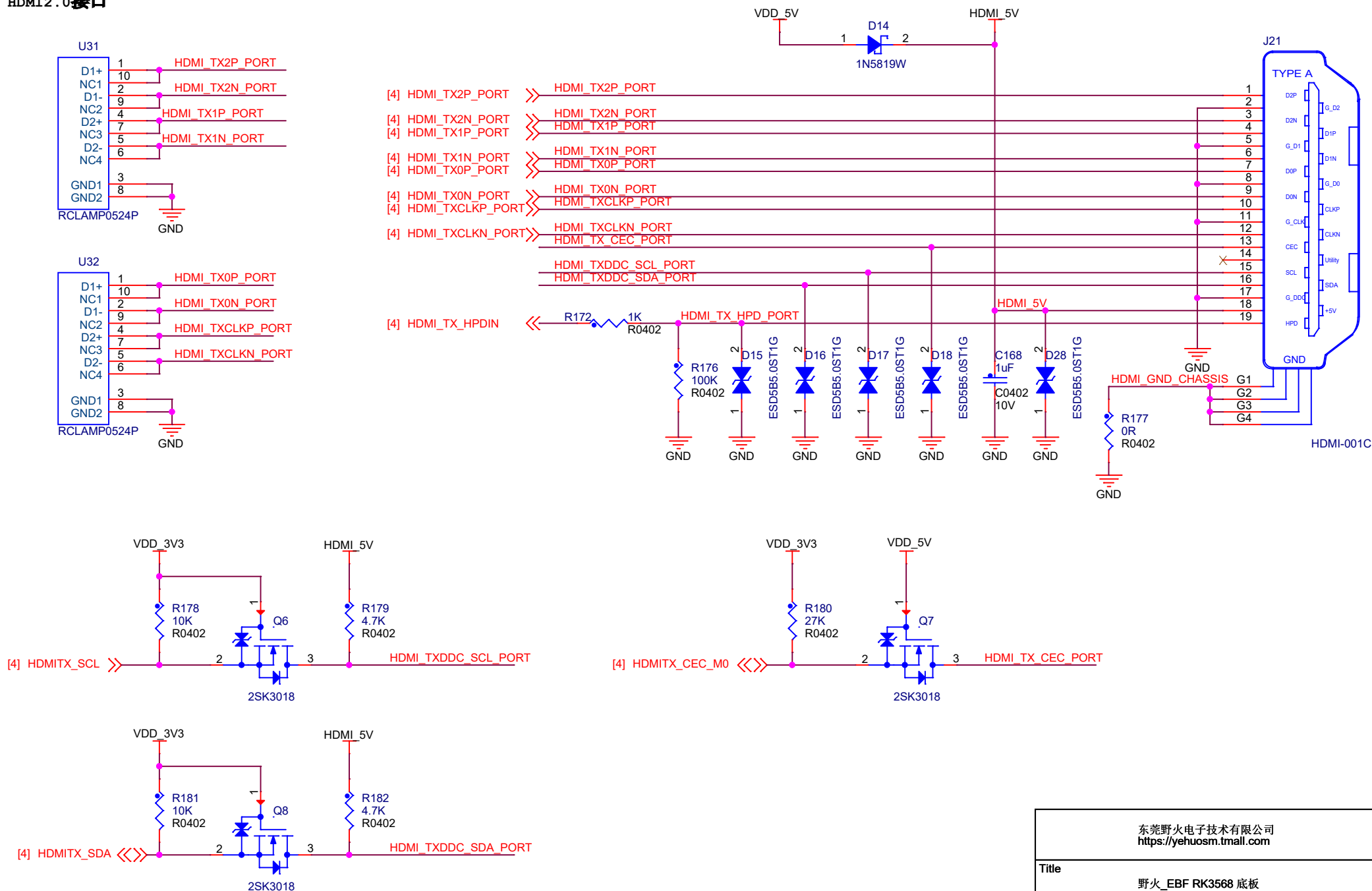
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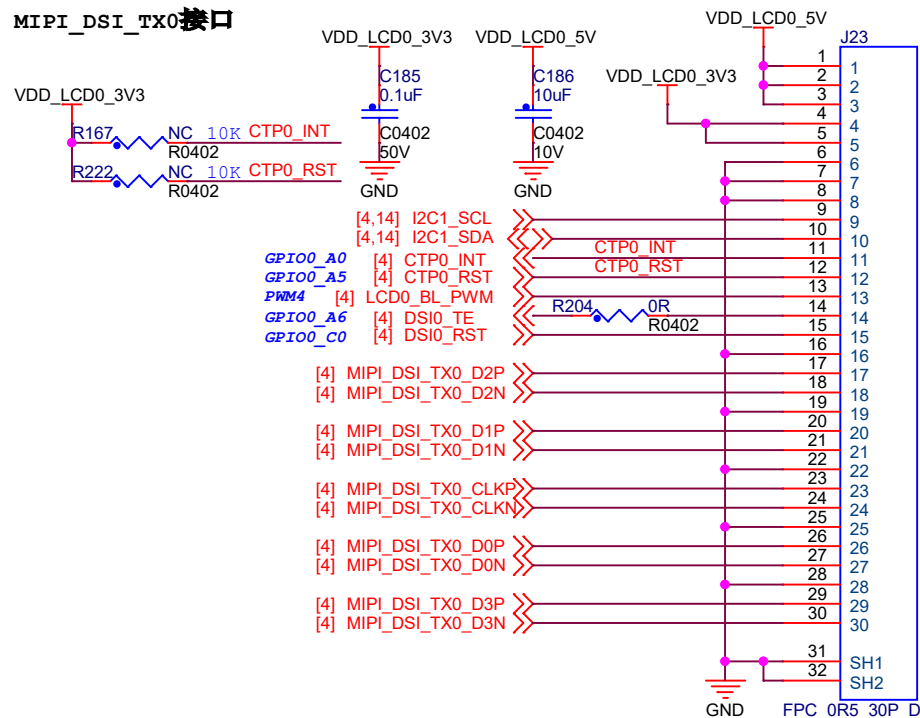
Title			野火_EBF RK3568 底板
Size	Document Number	Rev	
A4	USB接口	V1.0	
Date:	Wednesday, February 08, 2023	Sheet	11 of 16

HDMI2.0接口

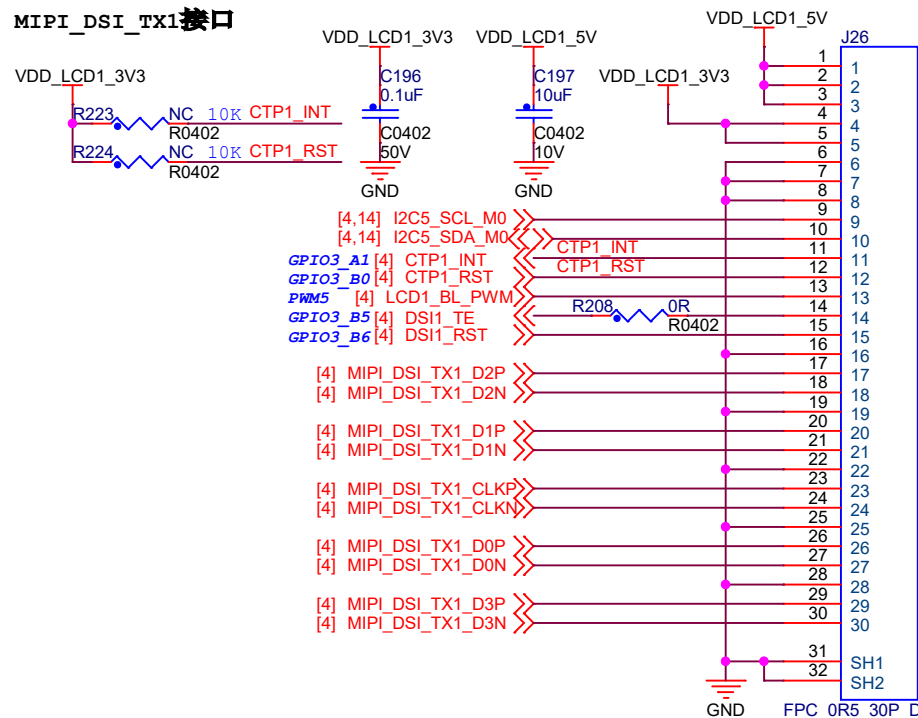


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野火_EBF RK3568 底板		
Size A4	Document Number HDMI接口	Rev V1.0
Date:	Wednesday, February 08, 2023	Sheet 12 of 16

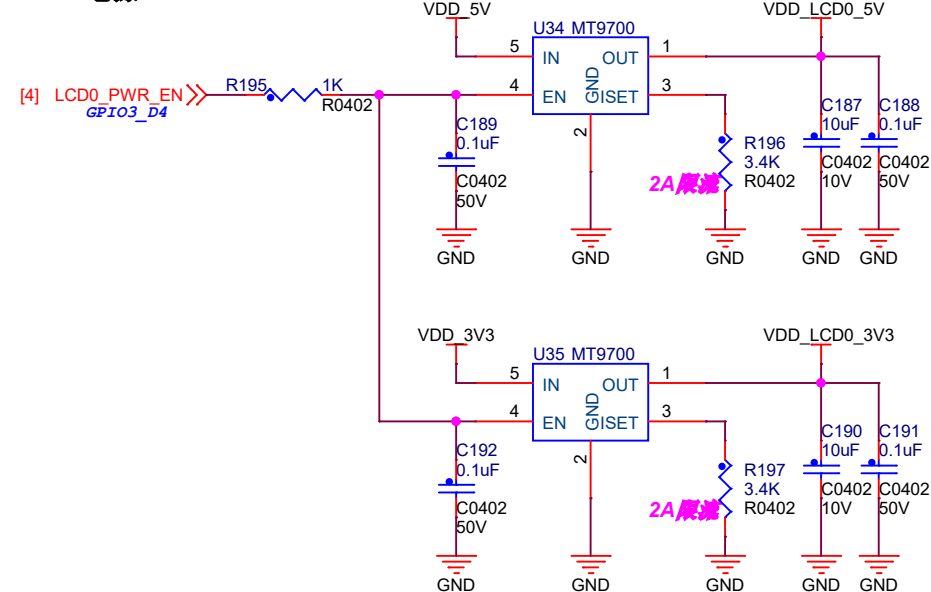
MIPI_DSI_TX0接口



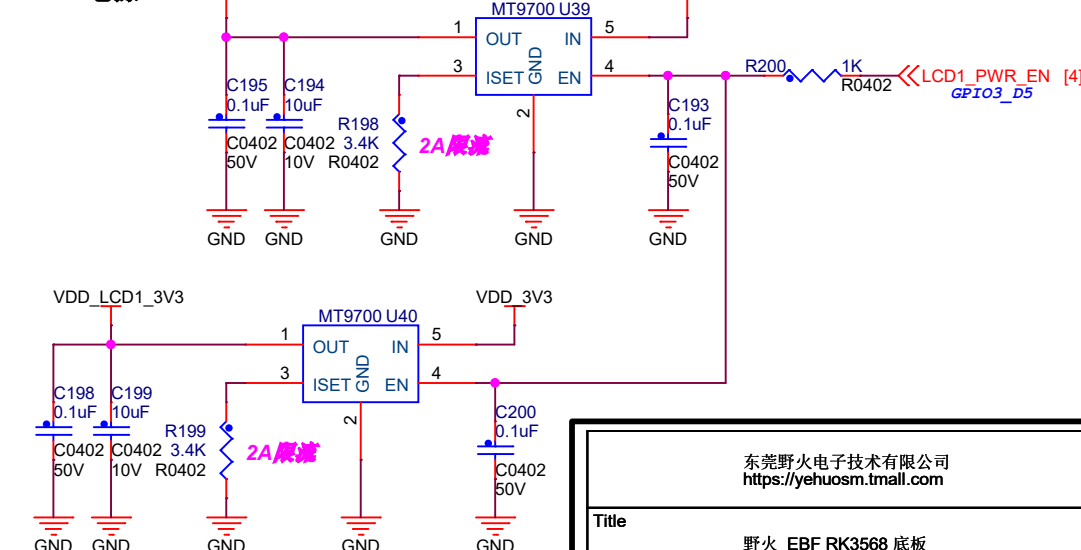
MIPI_DSI_TX1接口



LCD0 电源



LCD1 电源



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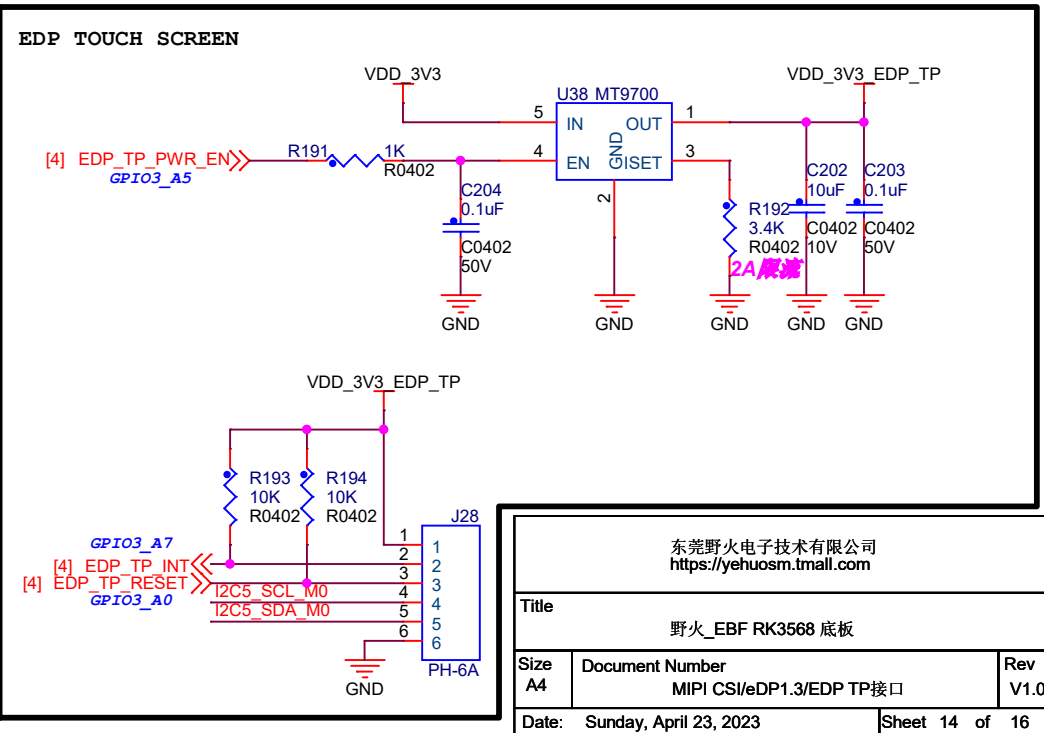
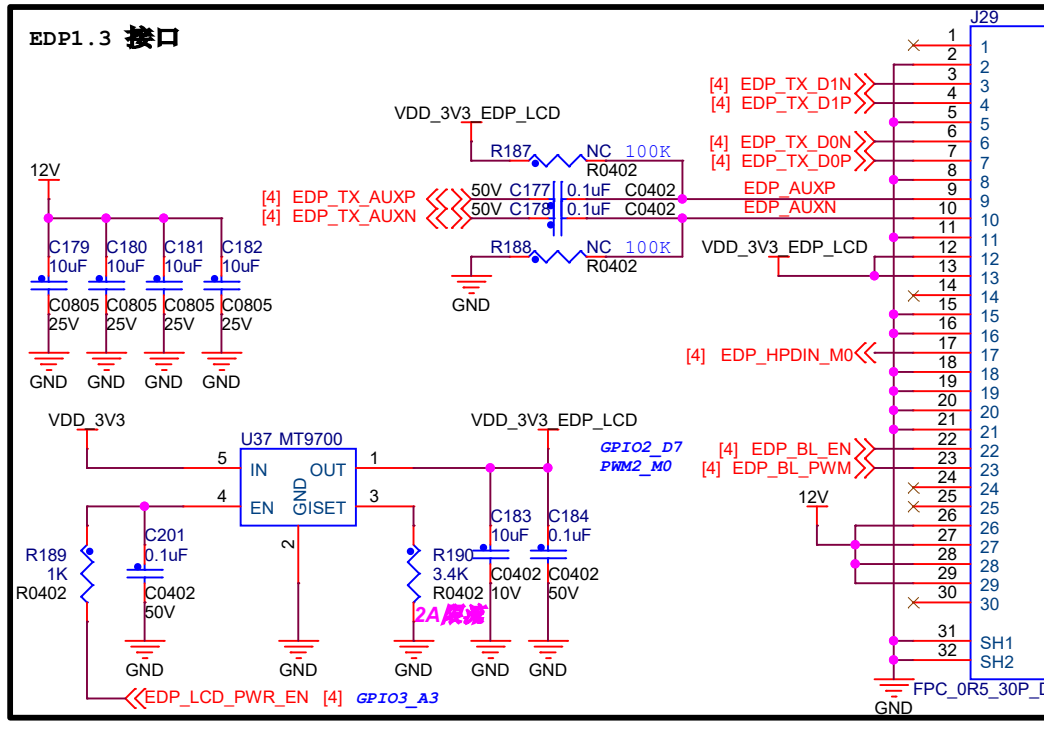
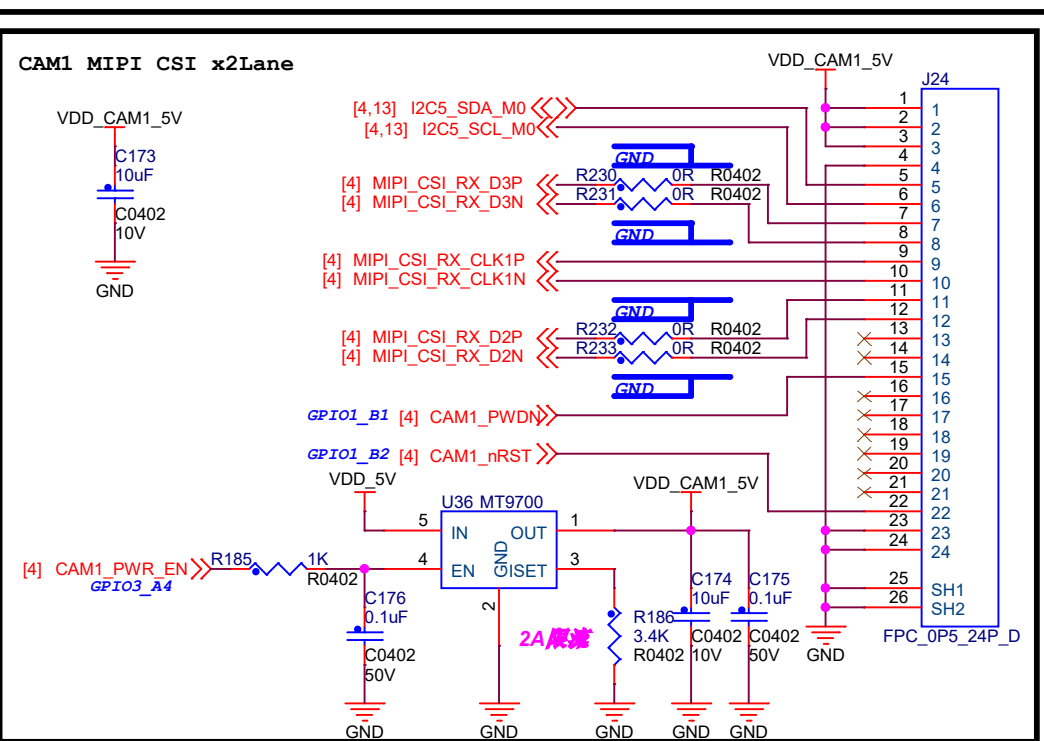
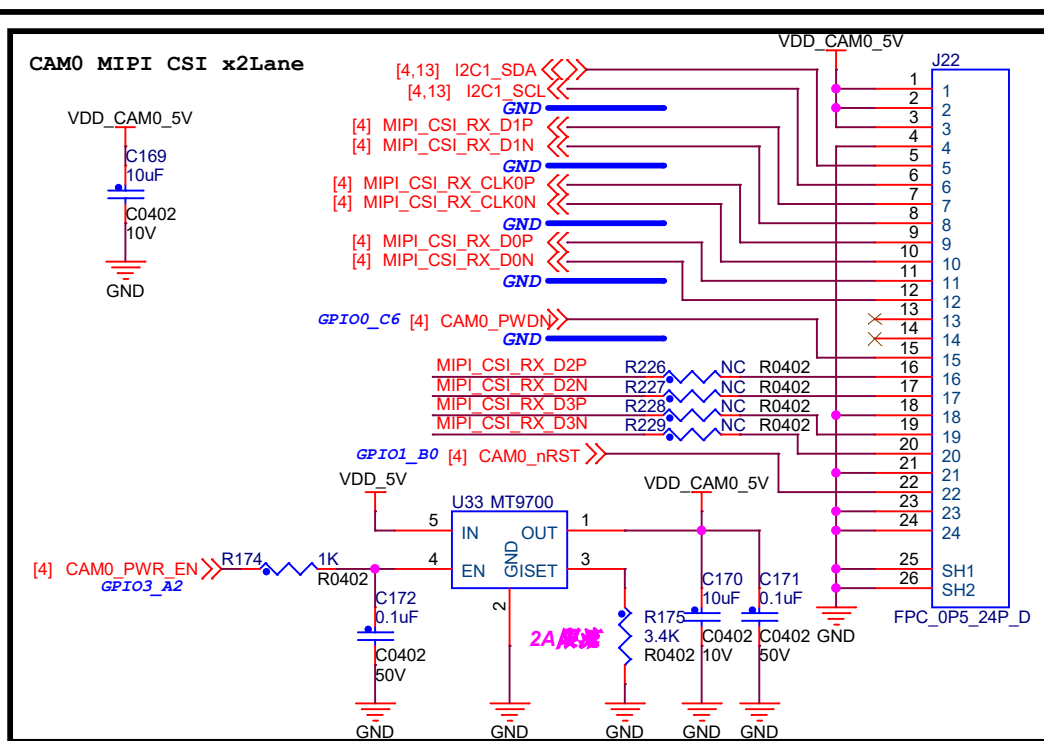
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Rev
V1.0

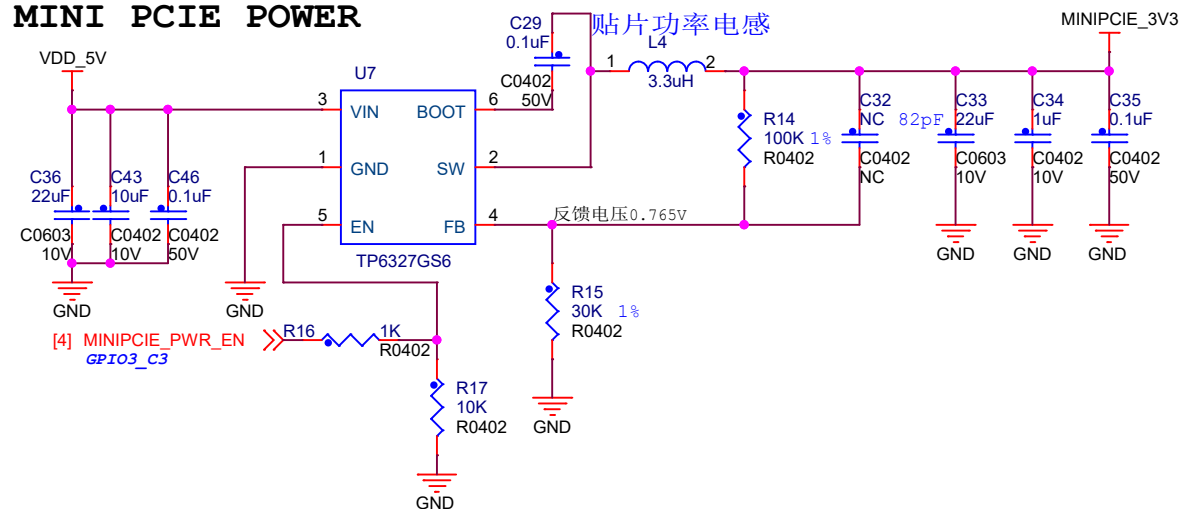
Date: Thursday, April 06, 2023

Sheet 13 of 16

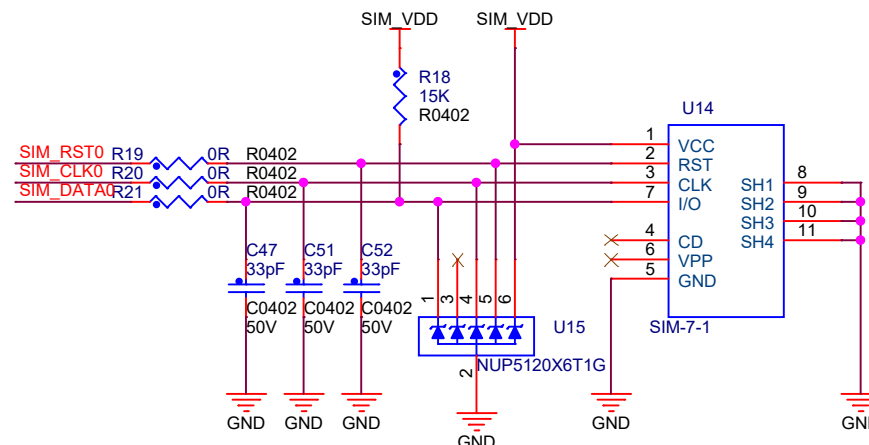


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Title			
野火_EBF RK3568 底板			
Size A4	Document Number		Rev
	MIPI CSI/eDP1.3/EDP TP接口		V1.0
Date:	Sunday, April 23, 2023		Sheet 14 of 16

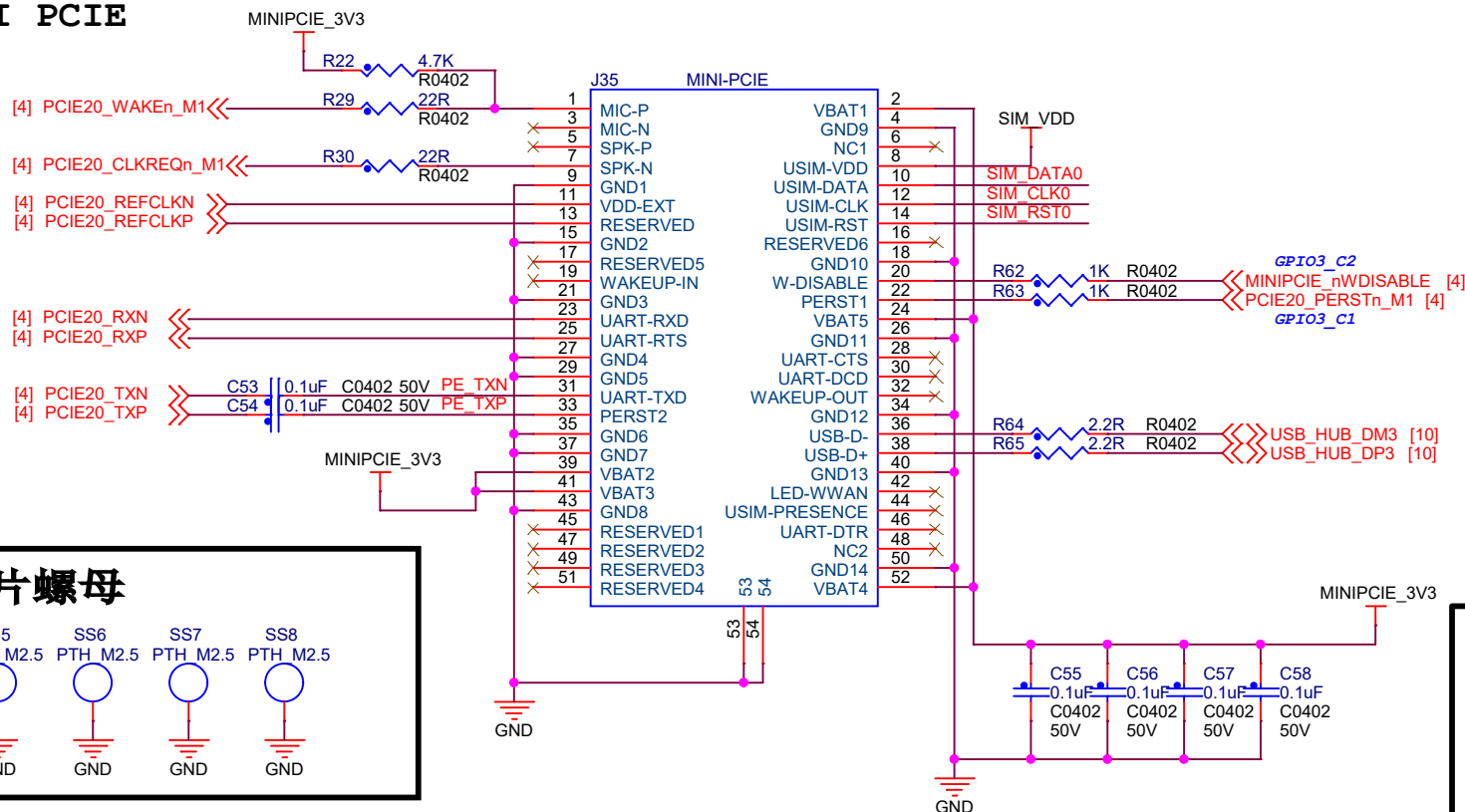
MINI PCIE POWER



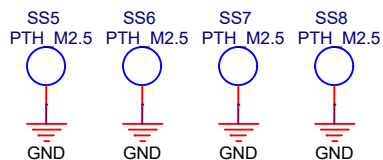
SIM CARD



MINI PCIE



贴片螺母



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Title		
野火_EBF RK3568 底板		
Size A4	Document Number MINI PCIE接口	Rev V1.0
Date: Thursday, April 06, 2023	Sheet 15 of 16	

