

野火鲁班猫1HS. 邮票孔底板

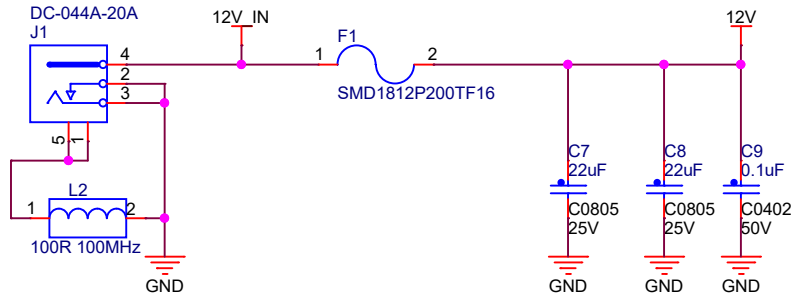
Page 1	目录
Page 2	历史版本
Page 3	电源
Page 4	邮票孔连接器
Page 5	RJ45网口/RTC/FAN
Page 6	音频/SD卡
Page 7	USB3.0 OTG/USB2.0 HUB/DEBUG
Page 8	LED/IR/GPIO引出/MASKROM按键
Page 9	MIPI DSI/LVDS接口
Page 10	MIPI CSI接口
Page 11	WIFI/蓝牙
Page 12	UART/RS232/RS485

历史版本

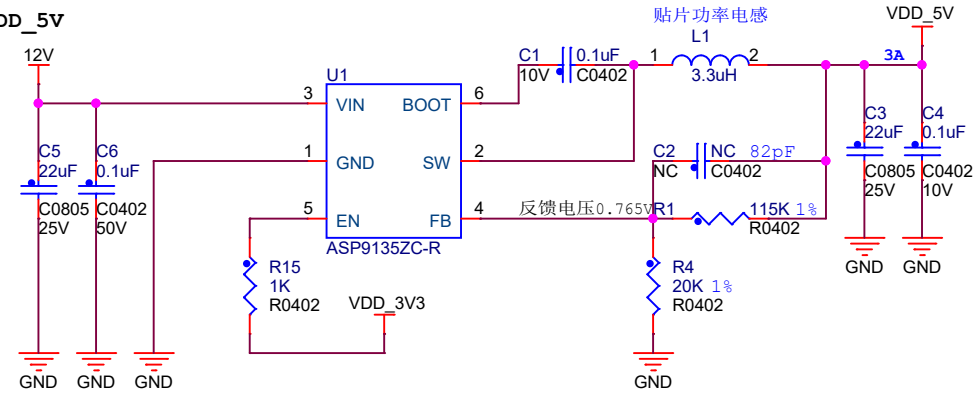
版本号	日期	设计	描述
V1.0	2023-08-24	11m	初始版本
V1.1	2024-03-30	11m	1. 为RK3562J预留两个CAN接口 2. 核心板引出MASKROM引脚，底板增加MASKROM按键 3. 兼容LVDS背光控制IO为3.3V电平 4. 调整了wifi/蓝牙，USB电源控制、RED_LED、FAN相关的IO

东莞野火电子技术有限公司 https://yehuosm.tmall.com		
Title 野火鲁班猫1HS.邮票孔底板		
Size A4	Document Number 历史版本	Rev V1.0
Date: Tuesday, April 16, 2024		Sheet 2 of 12

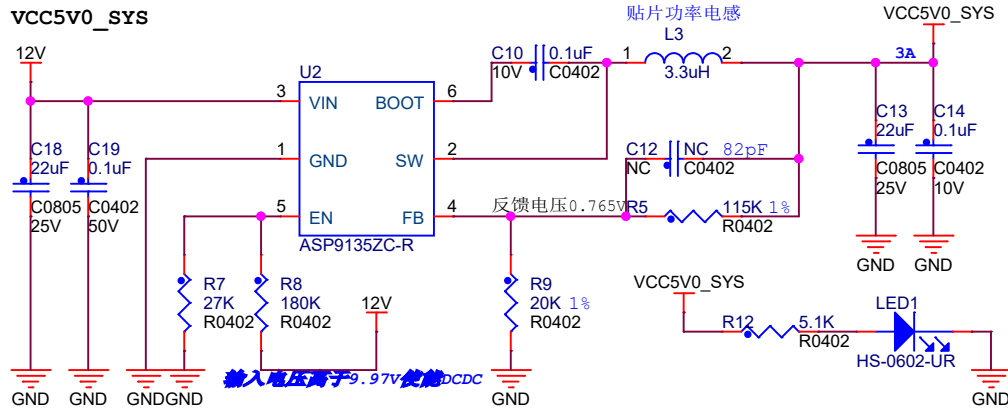
DC IN : 12V



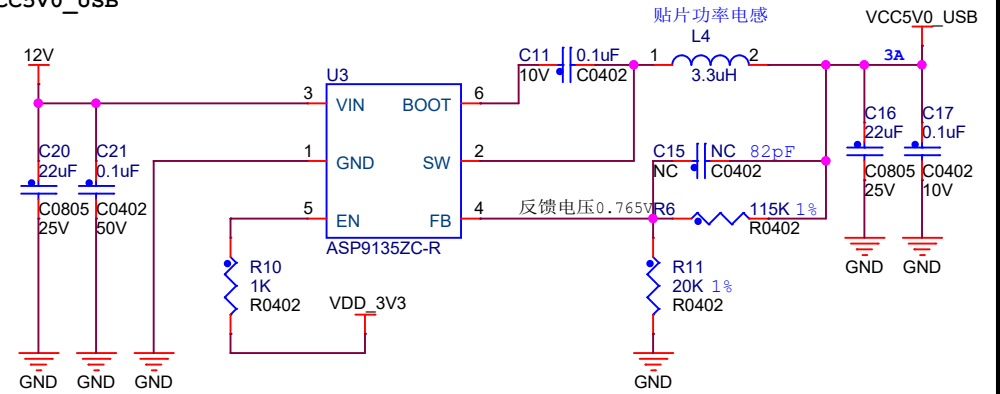
VDD_5V



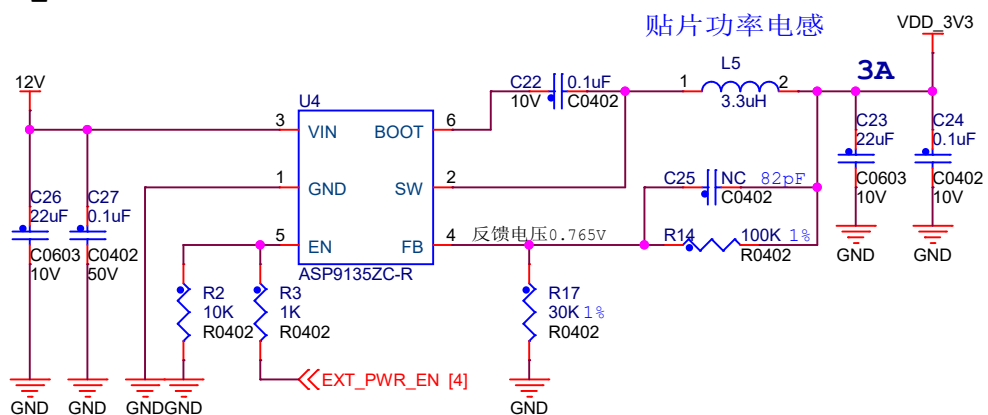
VCC5V0_SYS



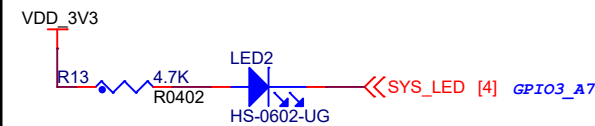
VCC5V0_USB



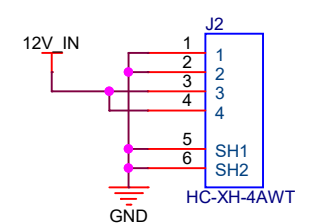
VDD_3V3



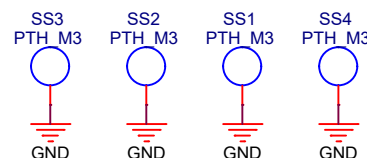
SYS_LED



12V电源输入座子



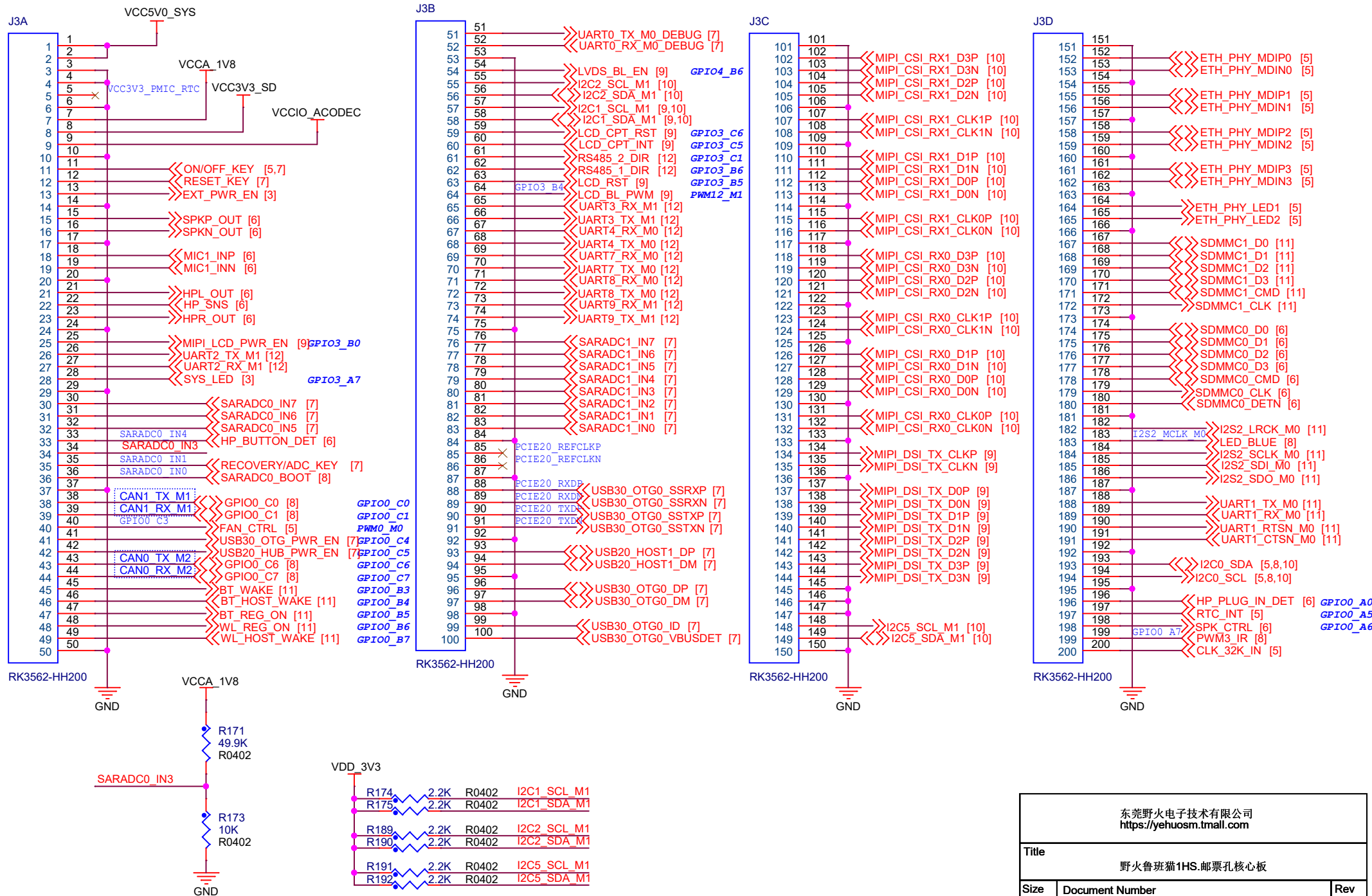
定位孔



东莞野火电子技术有限公司
https://yehuosm.tmall.com

Title			野火鲁班猫1HS.邮票孔底板
Size	Document Number	Rev	
A4	电源	V1.0	
Date:	Friday, November 29, 2024	Sheet 3	of 12

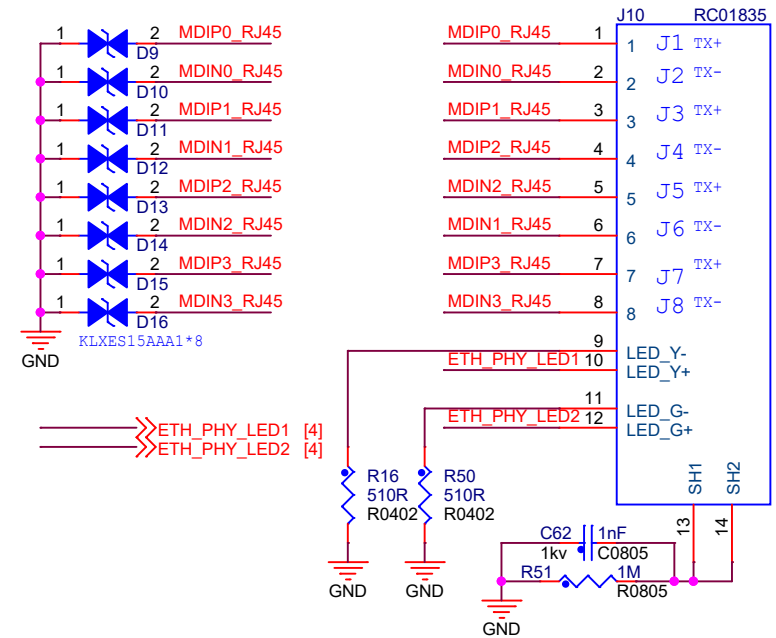
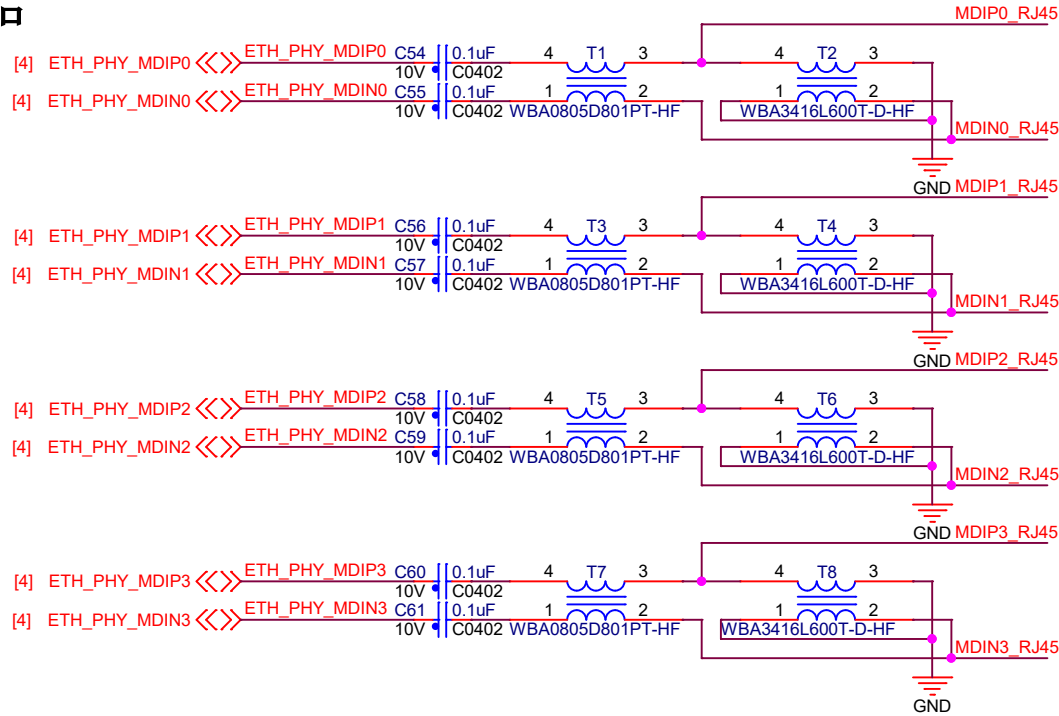
200PIN 邮票孔



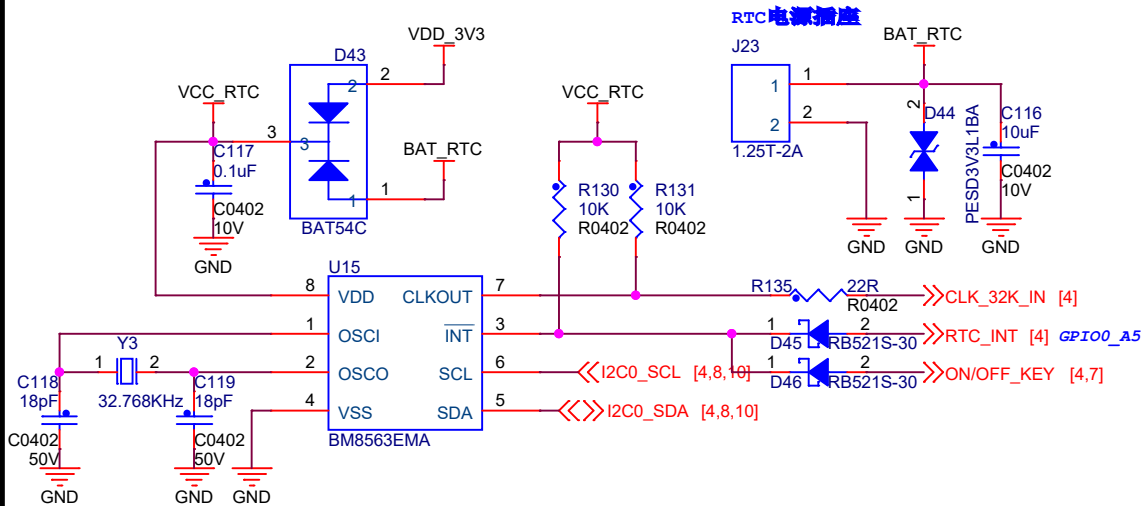
东莞野火电子技术有限公司
https://yehuosm.tmall.com

Title		
野火鲁班猫1HS.邮票孔核心板		
Size	Document Number	Rev
A4	邮票孔连接器	V1.0
Date:	Saturday, December 28, 2024	Sheet 4 of 12

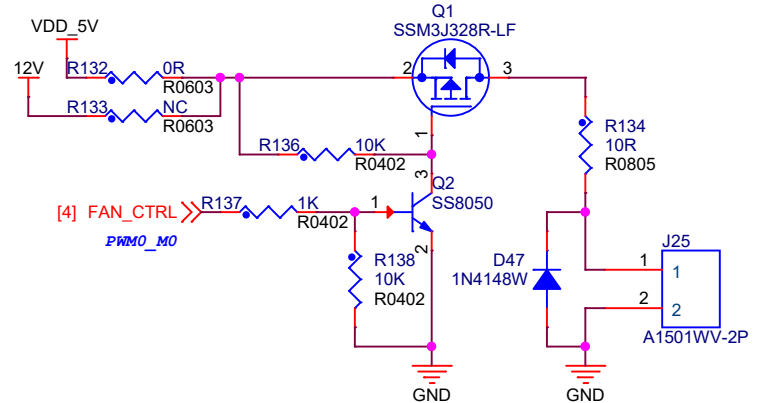
RJ45网口



RTC



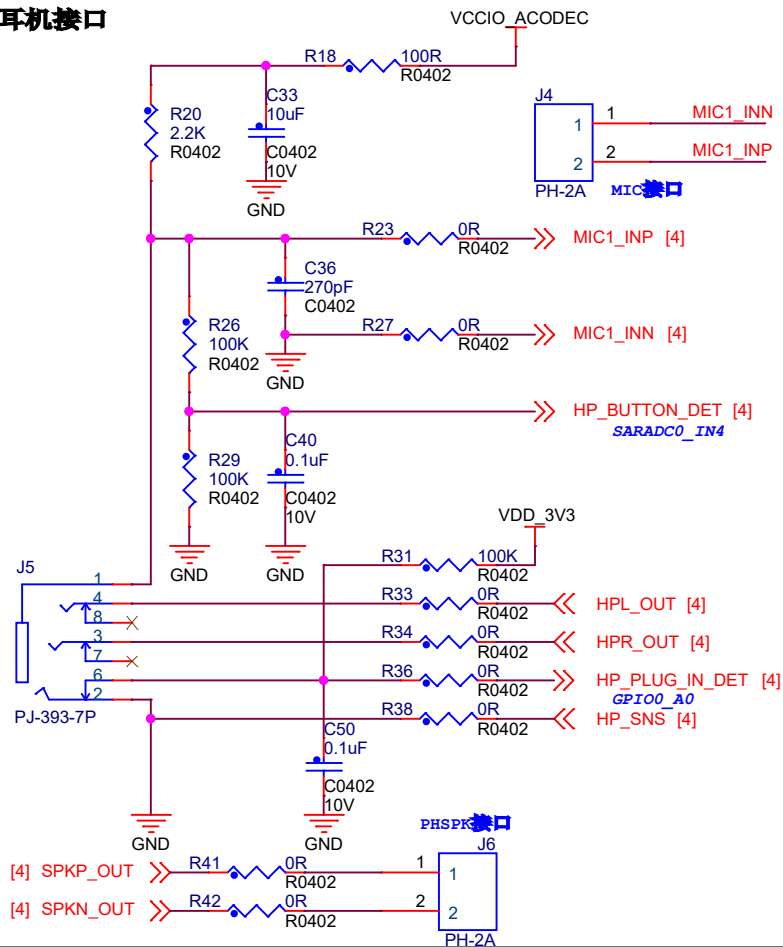
FAN



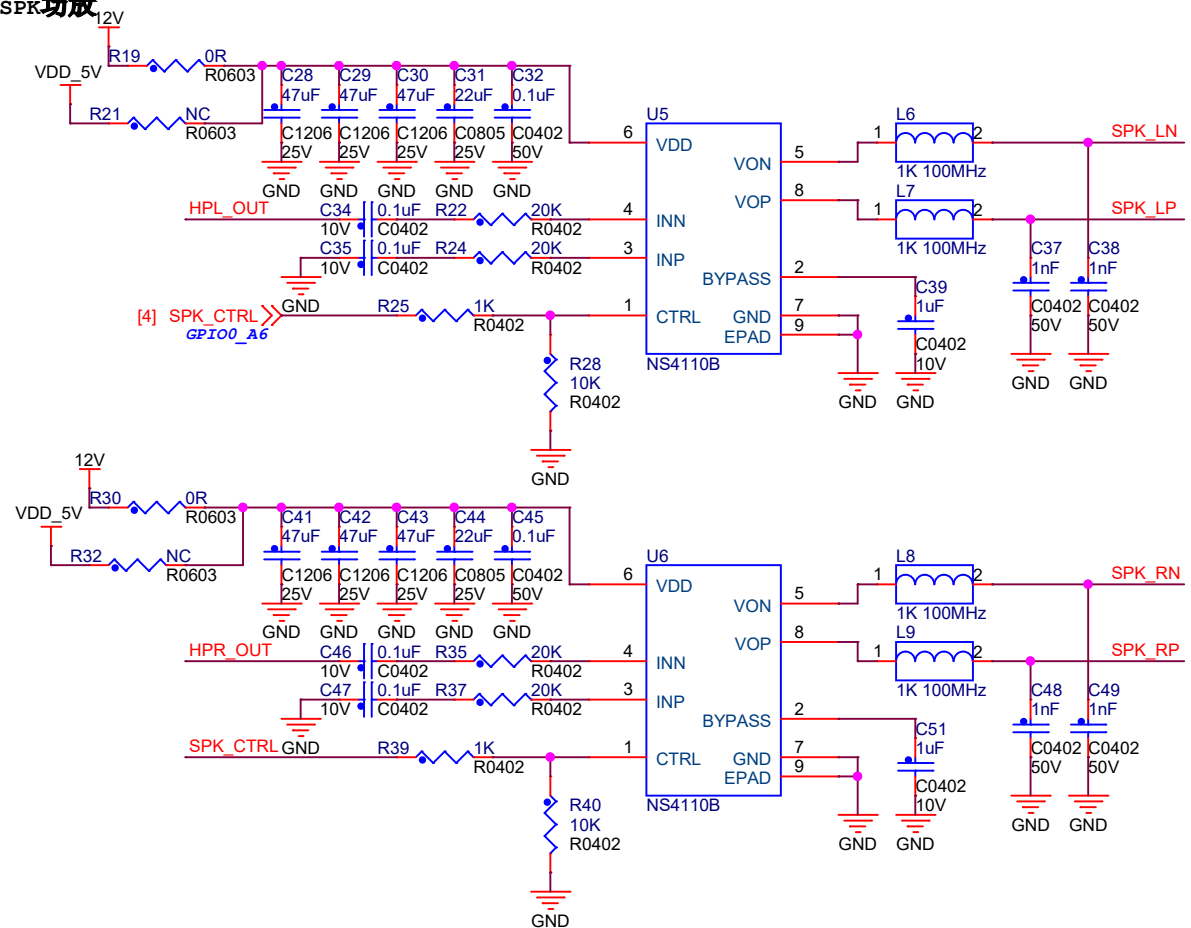
东莞野火电子技术有限公司
https://yehuosm.tmall.com

Title		
野火鲁班猫1HS.邮票孔底板		
Size A4	Document Number RJ45网口/RTC/FAN	Rev V1.0
Date: Wednesday, March 19, 2025	Sheet 5	of 12

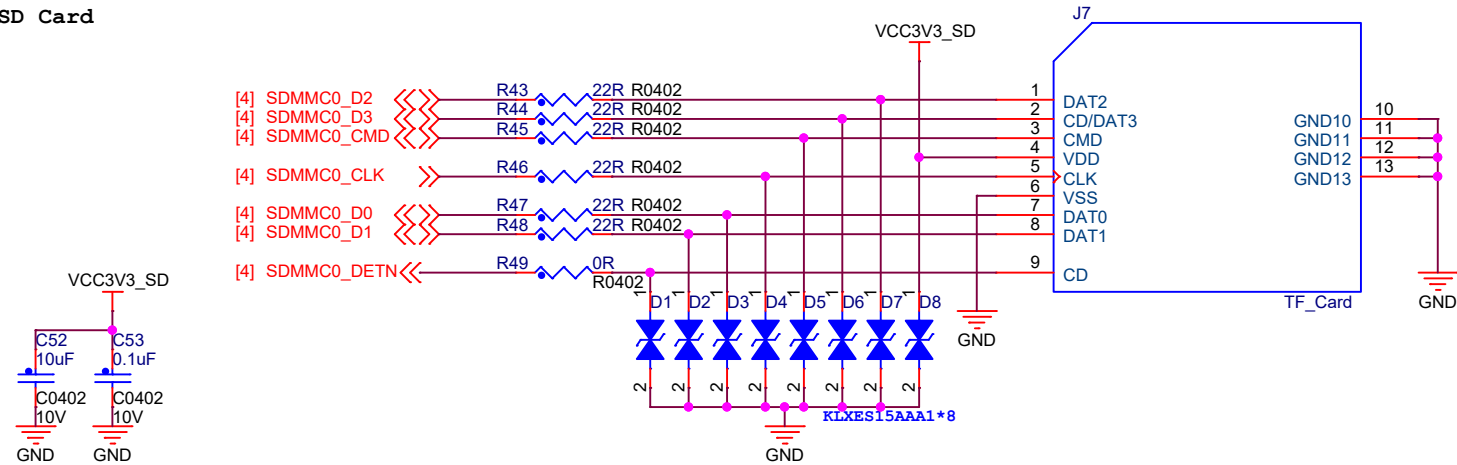
耳机接口



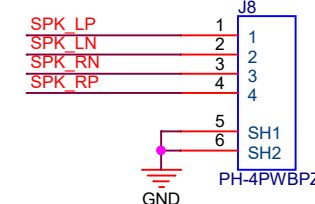
SPK功放



SD Card



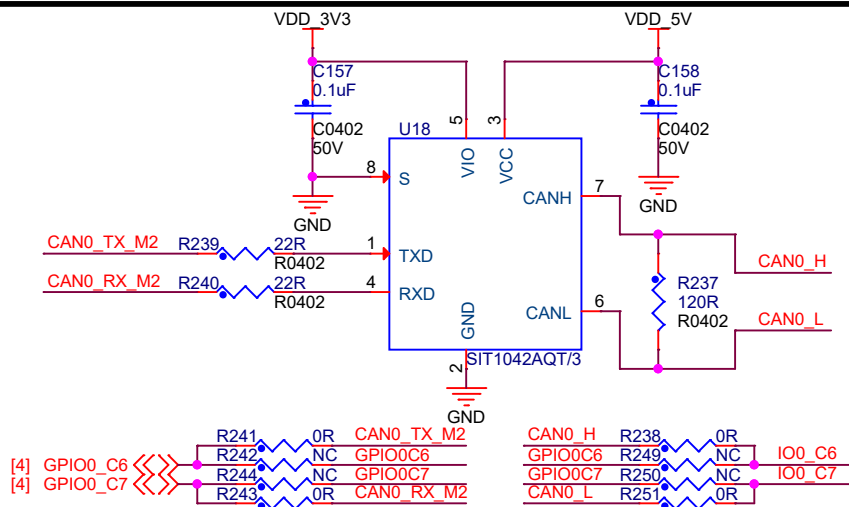
SPK接口



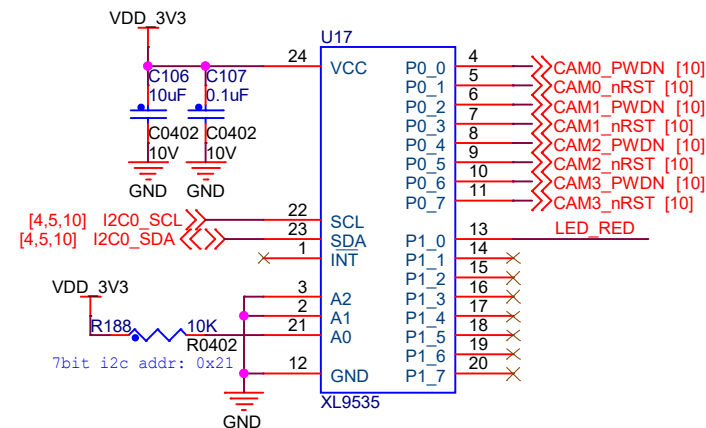
东莞野火电子有限公司
https://yehuosm.tmall.com

Title		
野火鲁班猫A2.邮票孔底板		
Size	Document Number	Rev
A4	音频/SD Card	V1.0
Date:	Tuesday, April 16, 2024	Sheet 6 of 12

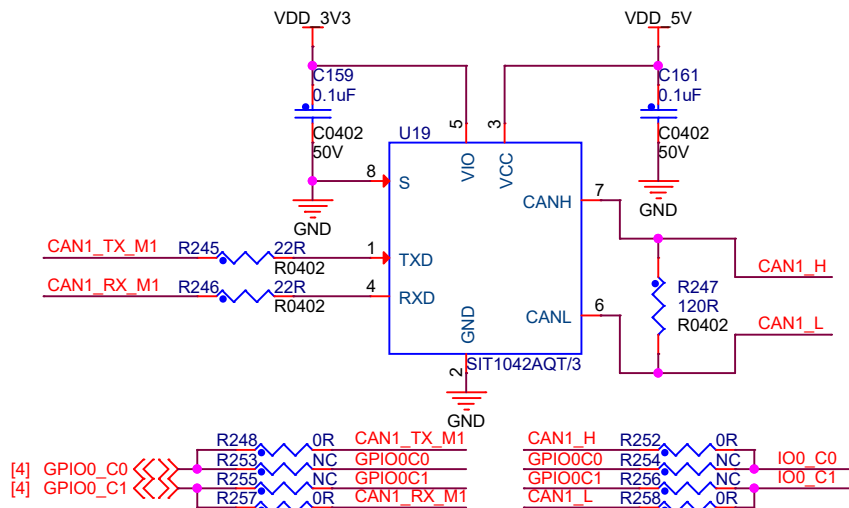
CAN0



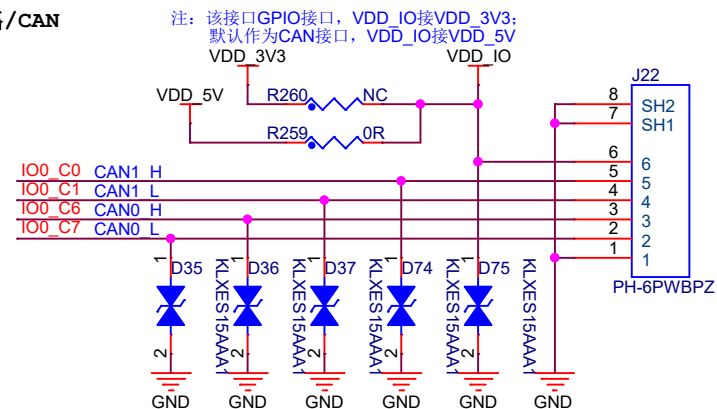
IO扩展



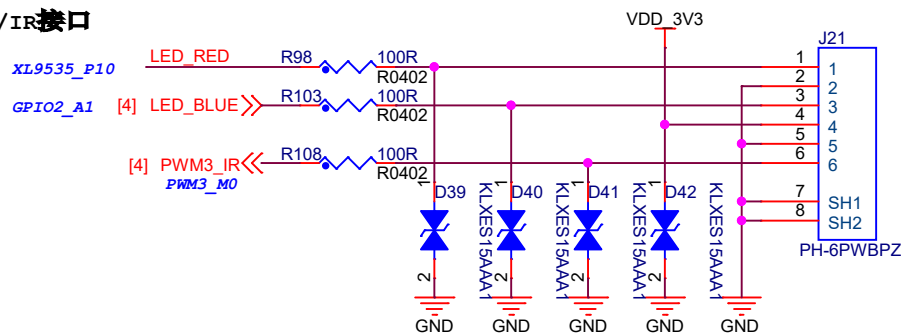
CAN1



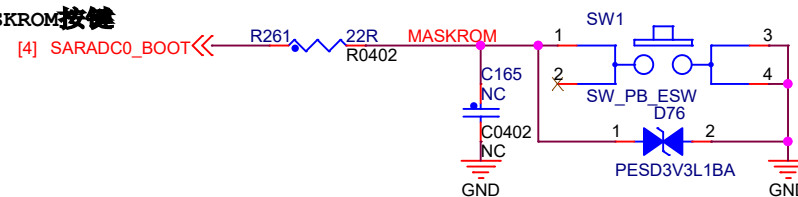
IO引出/CAN



LED/IR接口



MASKROM按键



东莞野火电子技术有限公司
https://yehuosm.tmall.com

Title

野火鲁班猫1HS.邮票孔底板

Size
A4

Document Number

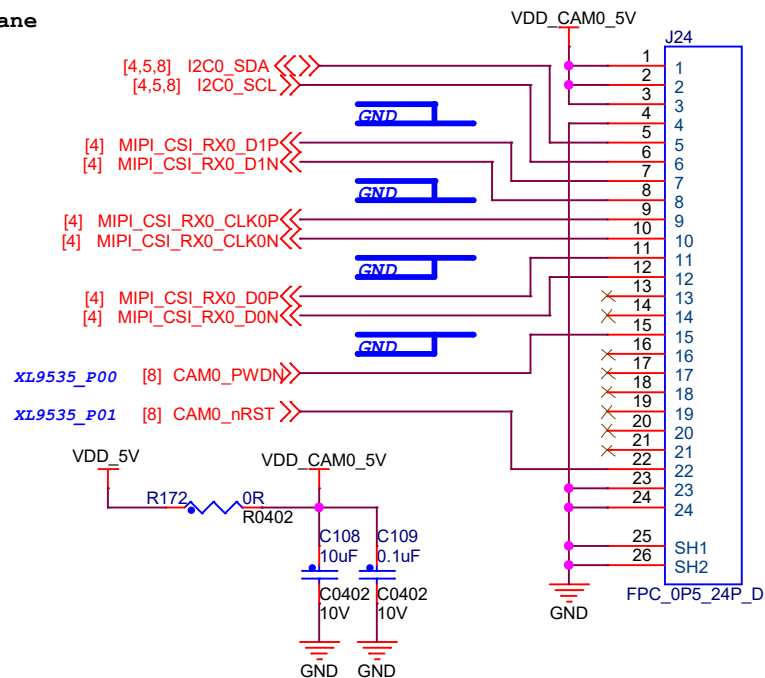
LED/IR/GPIO引出/MASKROM按键

Rev
V1.0

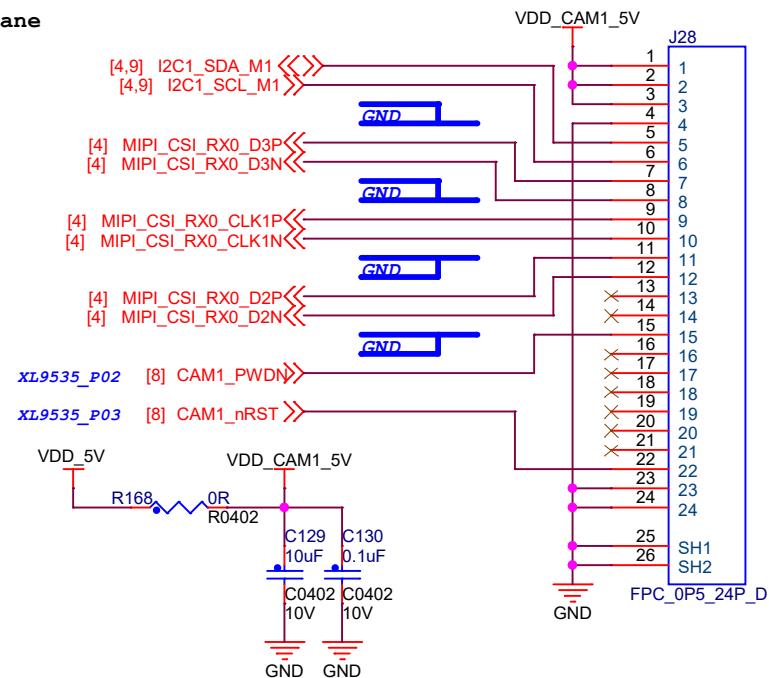
Date: Saturday, December 28, 2024

Sheet 8 of 12

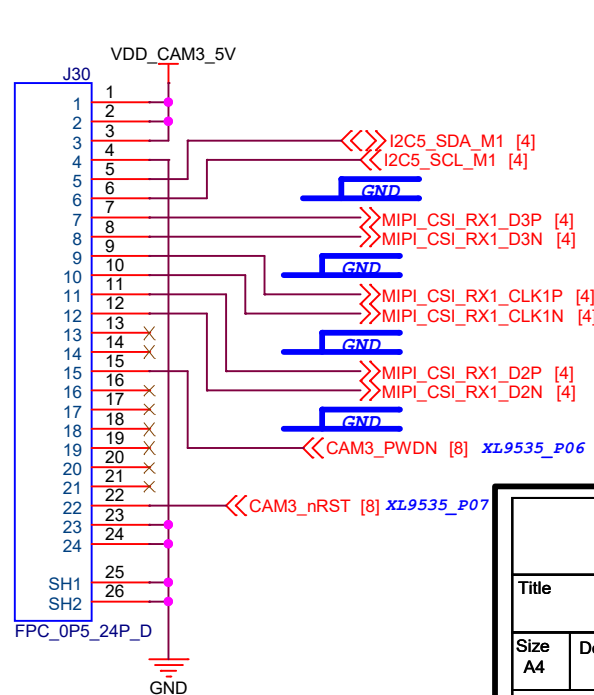
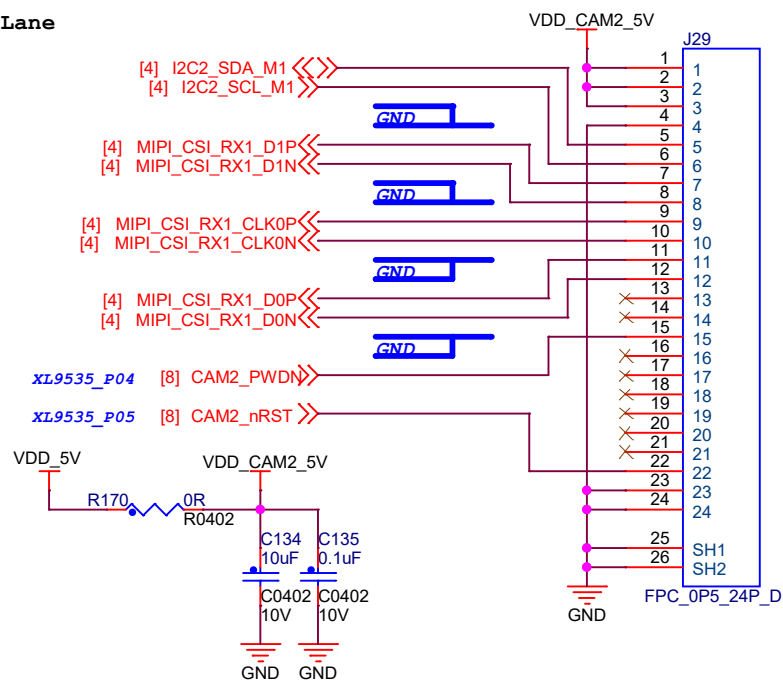
CAM0 MIPI CSI x2Lane



CAM1 MIPI CSI x2Lane



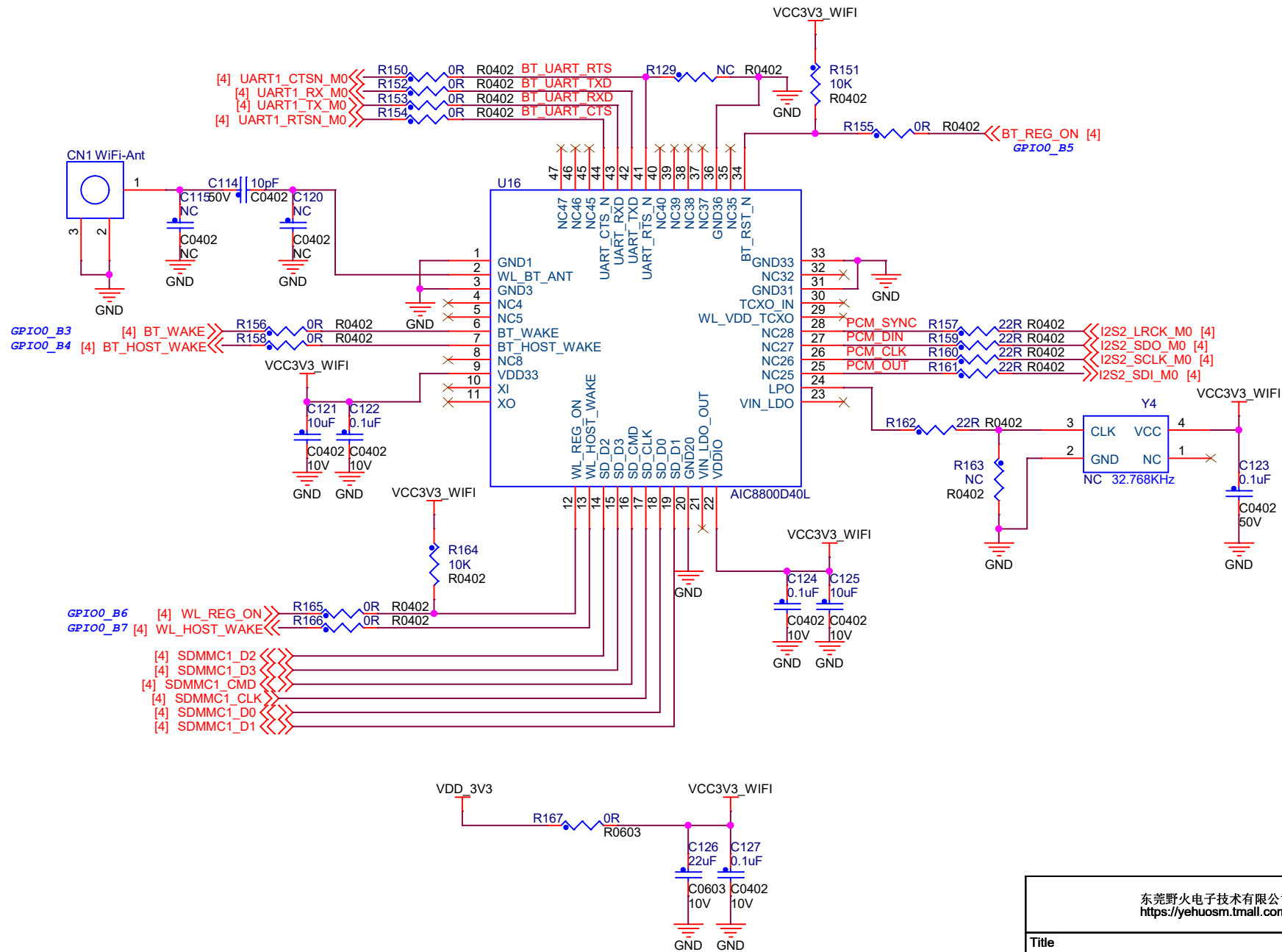
CAM2 MIPI CSI x2Lane



东莞野火电子技术有限公司
<https://yehuosm.tmall.com>

Title		
野火鲁班猫1HS.邮票孔底板		
Size A4	Document Number MIPI CSI接口	Rev V1.0
Date: Tuesday, April 16, 2024	Sheet 10 of 12	

WIFI/蓝牙



东莞野火电子有限公司 https://yehuosm.tmall.com			
Title 野火鲁班猫1HS.邮票孔底板			
Size A4	Document Number WIFI/蓝牙		Rev V1.0
Date: Thursday, December 05, 2024		Sheet 11 of 12	

