

# STM32F1战神V2\_原理图\_V1.0

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A4	目 录			V1.0	
Date:	2020/7/5 星期日			Sheet	of
File:	D:\STM32F1战神V2\STM32F1战神V2_1			Drawn By:	

1

2

3

4

A

A

## 历史版本

版本号	日 期	描 述
V1.0	2020-5-1	初始版本

B

B

C

C

D

D

Title				STM32F1战神V2_原理图		郑州精畅科技	
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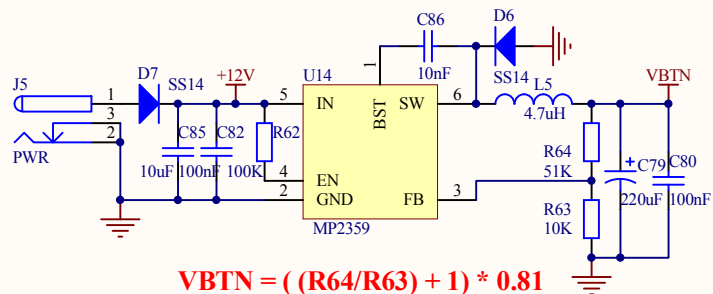
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2

3

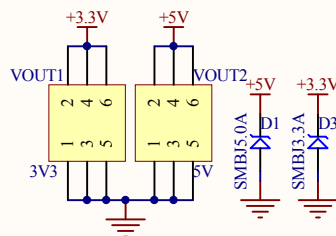
4

# DC IN: 6V~24V DC/DC电源稳压

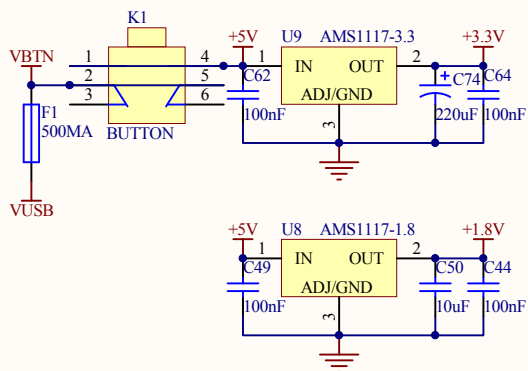


$$V_{BTN} = (R_{64}/R_{63} + 1) \times 0.81$$

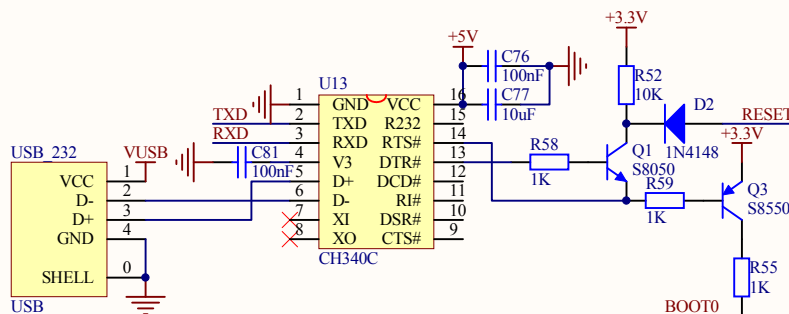
# 3.3V 5V 电源输出



# LDO 3.3V/1.8V

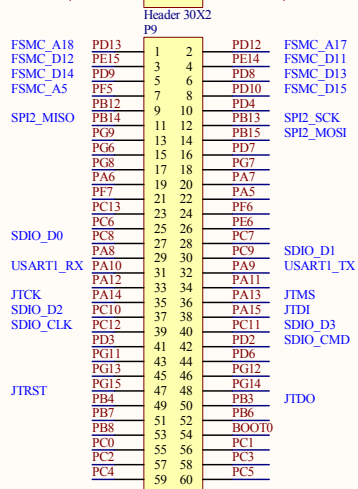
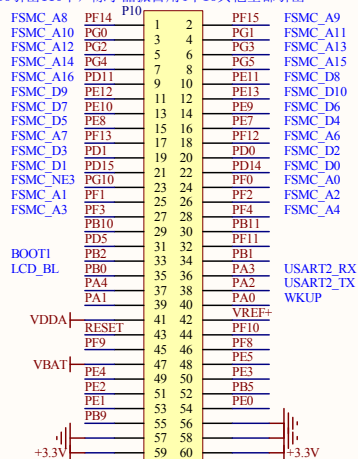


# USB转串口模块 ISP下载

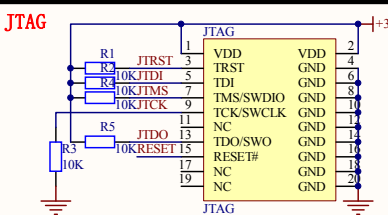


Title			
STM32F1战神V2_原理图			
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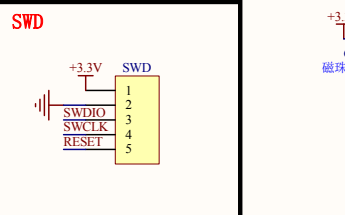
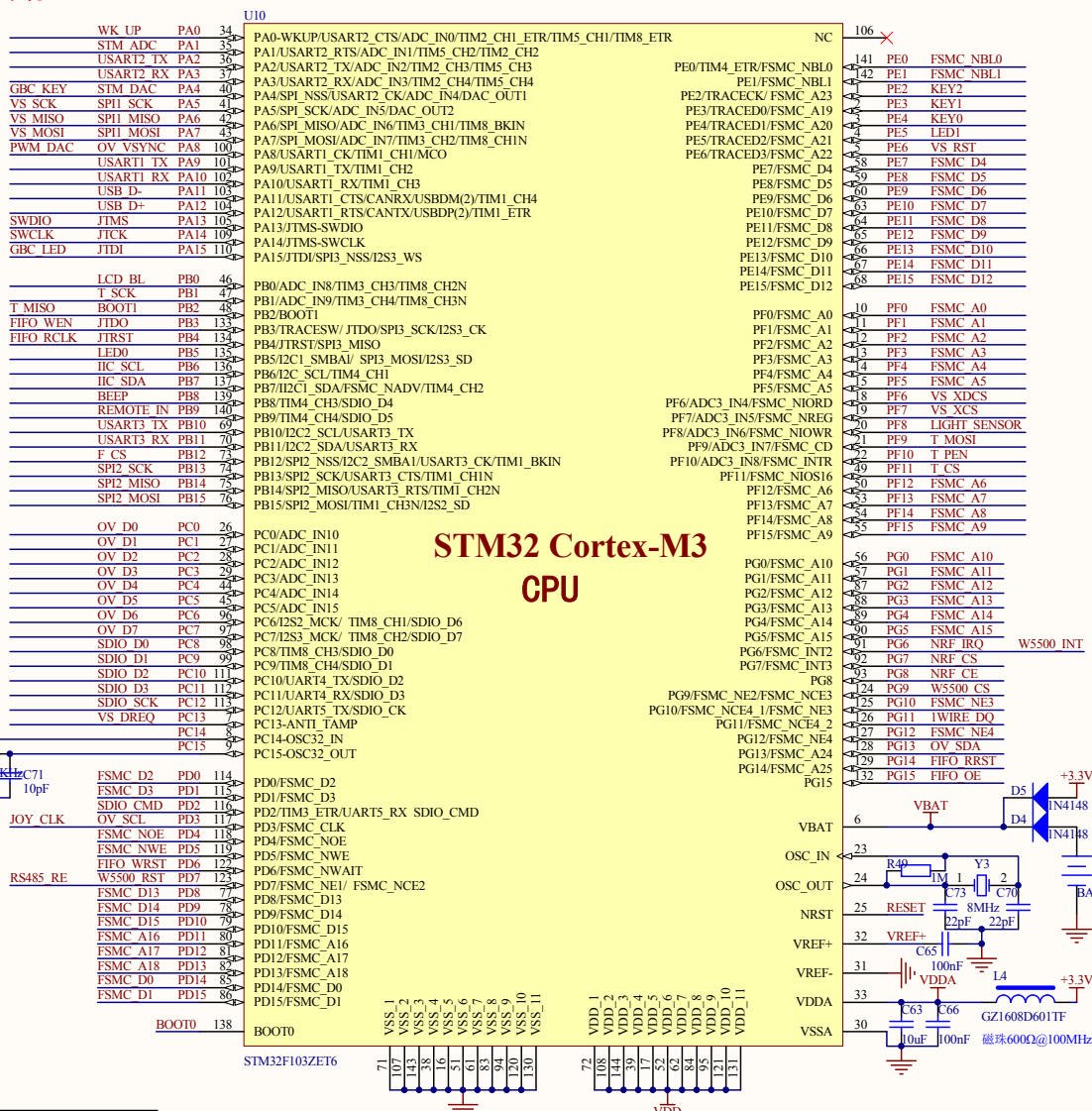
GPI0引出110个，除了晶振占用4个IO其他全部引出



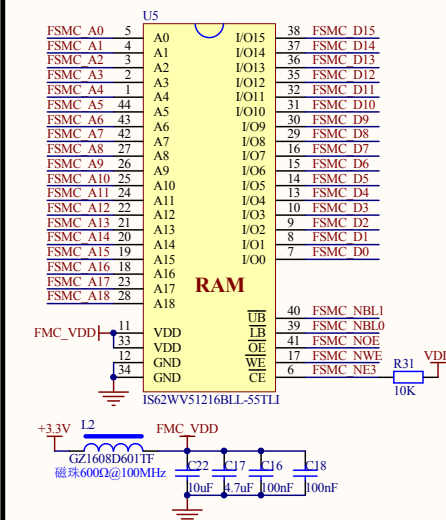
Pin 8 (P8) connection diagram for the USART1 module. The pin is connected to PA10 (USART1 RX) and PA9 (USART1 TX). The TXD and RXD signals are shown as separate lines.



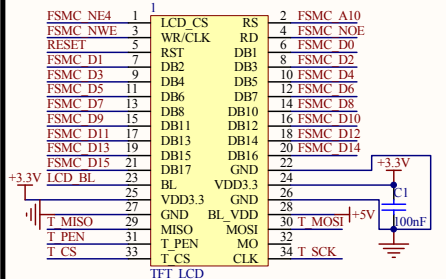
## III



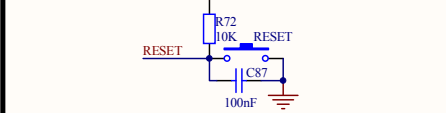
## 116



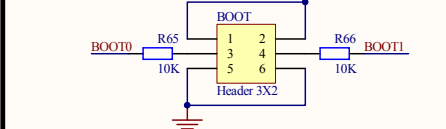
2024年度审计报告



**Figure 1**



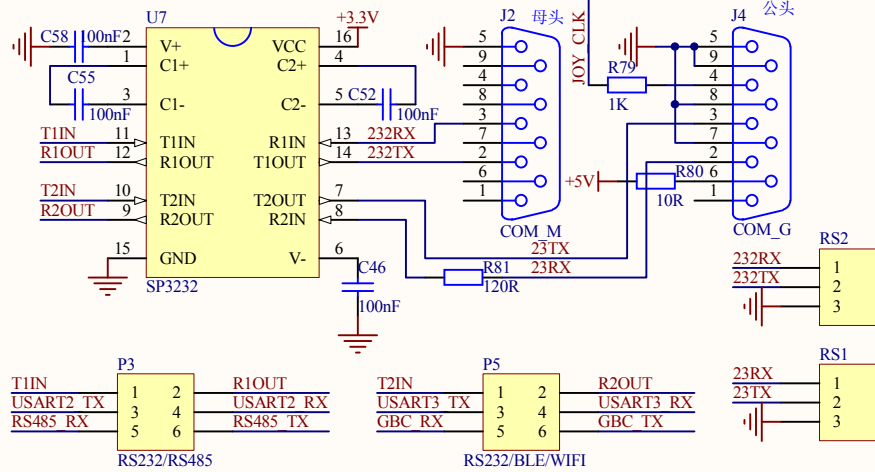
15.5V



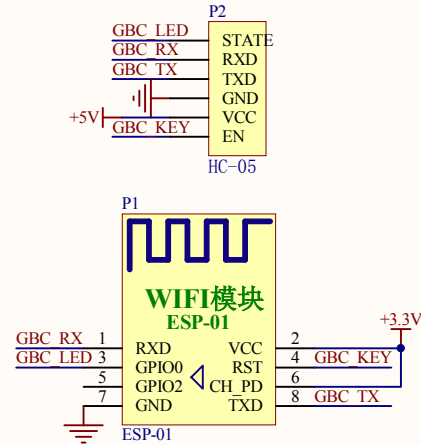
郑州精畅科技

Size A2	Number <b>MCU最小系统</b>	Revision <b>V1.0</b>
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File:	D:\STM32F1战神V2\STM32F1战神V2 4	Drawn By:

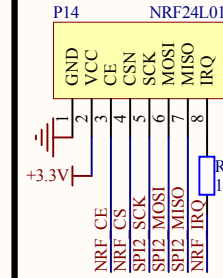
## RS232串口



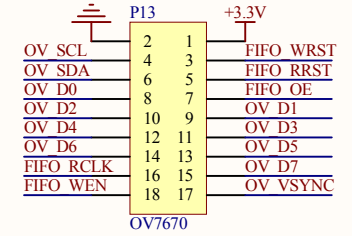
## 蓝牙&amp;WIFI通信



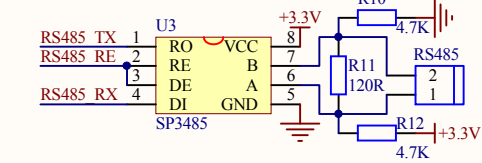
## 无线通信接口



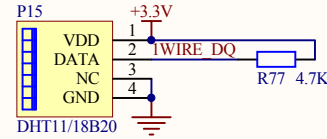
## OLED&amp;CAMERA



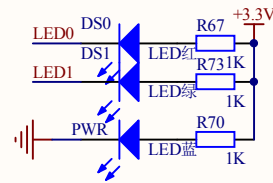
## RS485



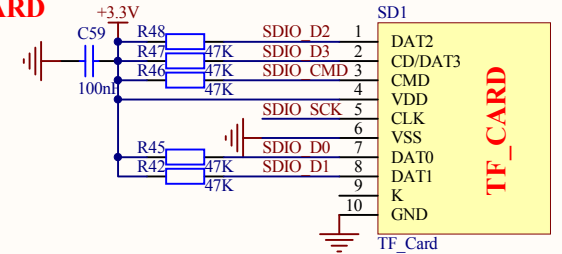
## TEMP&amp;HUMI SENSOR



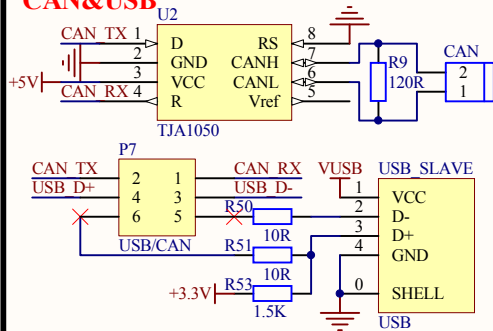
## LED



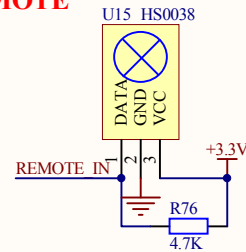
## SD CARD



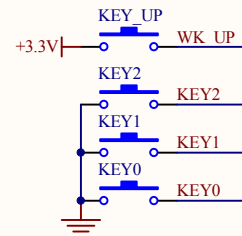
## CAN&amp;USB



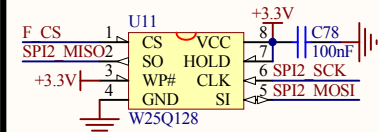
## REMOTE



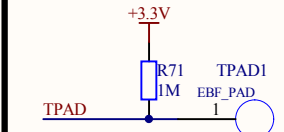
## KEY



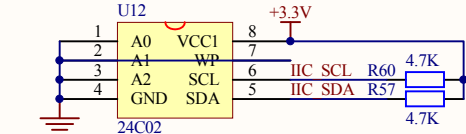
## SPI FLASH



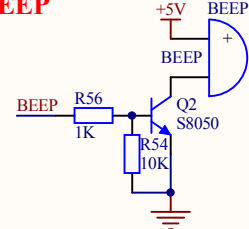
## TOUCH\_KEY



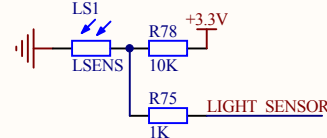
## EEPROM



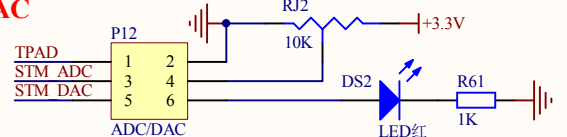
## BEEP



## LIGHT\_SENSOR



## ADC&amp;DAC

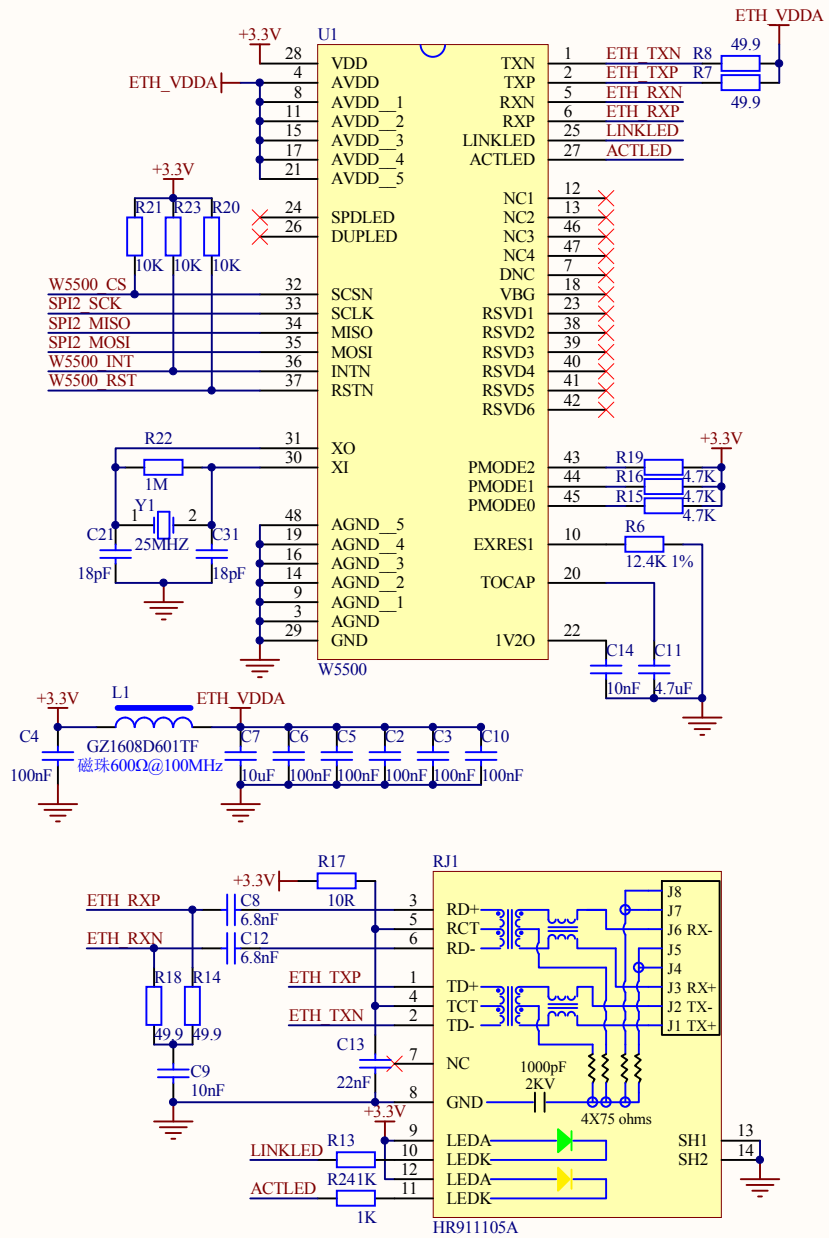


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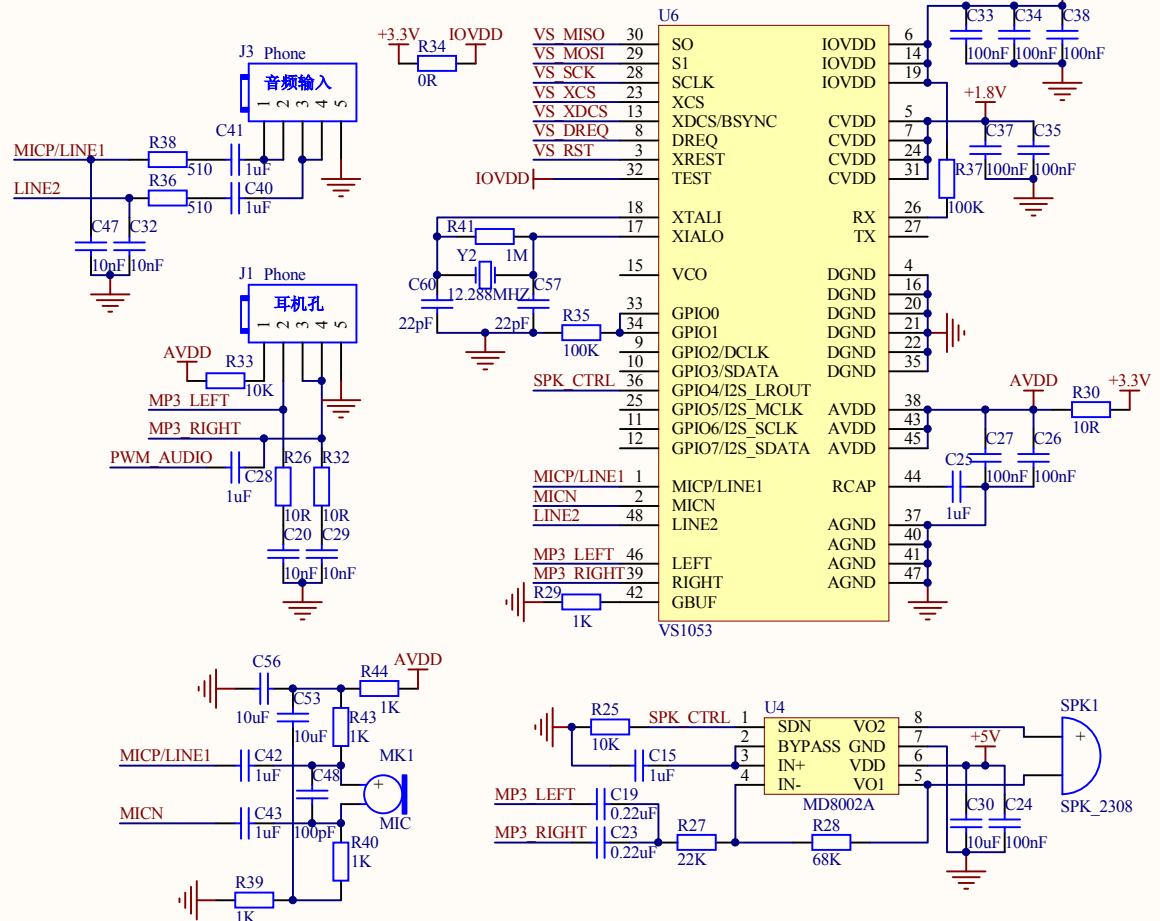
外周电路

郑州精畅科技

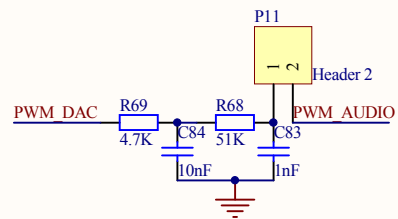
## 以太网W5500



## 音频VS1053



## PWM DAC/AUDIO



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