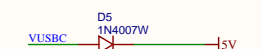
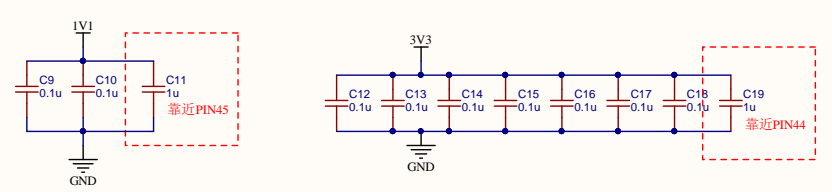


Figure 1 illustrates the pin connections and decoupling capacitor layout for the PICO module. The top diagram shows the PICO module with pins 1, 10, 22, 33, 42, 49, 43, 48, 44, 57, and 19 connected to 3V3, 1V1, and GND. The bottom diagram shows the decoupling capacitor layout with capacitors C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, and C19 connected to 3V3 and GND. A red dashed box highlights the area near PIN45.



ROM

3V3

C24
0.1uF, 25V

GND

3V3

BOOTSEL1

1 2

R10
1k

DNF (不装)

OSPI_SS 1

OSPI_SD1 2

OSPI_SD2 3

OSPI_SD3 4

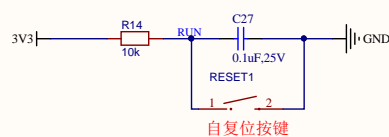
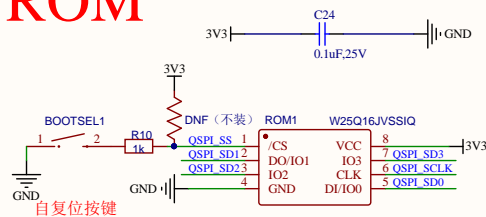
GND

ROM1 W25Q16JVSSIQ

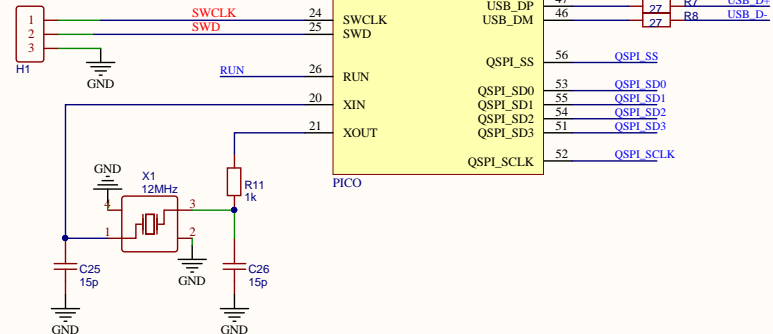
/CS	8	VCC	7 OSPI_SD3
DO/IO1	103	6 OSPI_SCLK	
IO2	CLK	5 OSPI_SDO	
GND	DI/IO0		

3V3

自复位按键



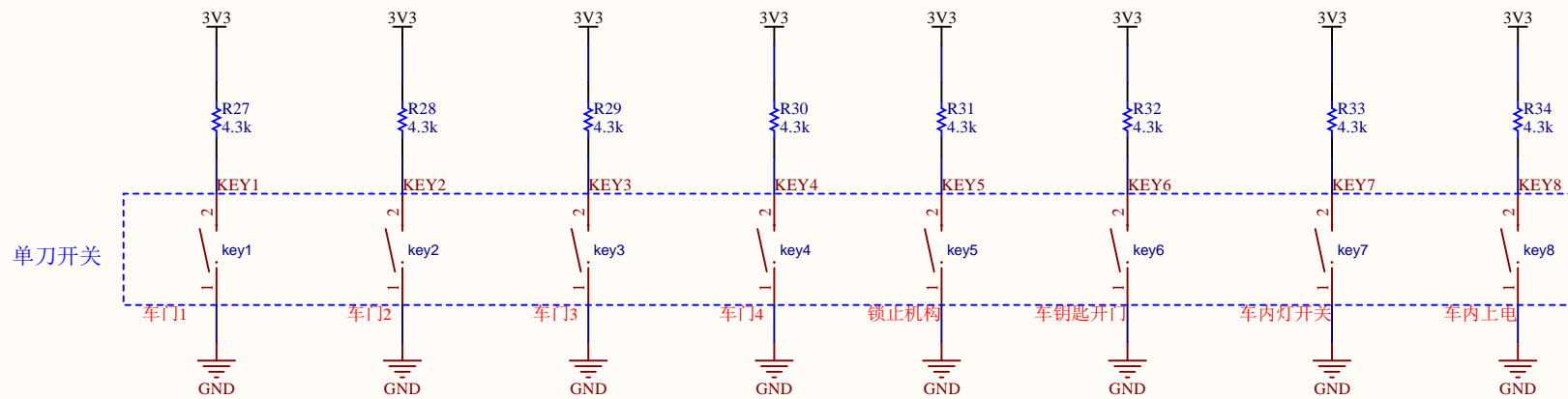
		UIB			
<u>ttl_tx</u>	2	GPIIO0	GPIIO16	27	D_GAS
<u>ttl_rx</u>	3	GPIIO1	GPIIO17	28	LED5
<u>D_WS2812</u>	4	GPIIO2	29	SPI_CLK	
<u>KEY1</u>	5	GPIIO3	GPIIO19	30	SPI_MISO
<u>C_RX1</u>	6	GPIIO4	GPIIO20	31	SPI_DC
<u>C_TX1</u>	7	GPIIO5	GPIIO21	32	SPI_RST
<u>V_SDA</u>	8	GPIIO6		34	LED1
<u>V_SCL</u>	9	GPIIO7	GPIIO22	35	LED2
			GPIIO23	36	LED3
<u>A_SDA</u>	11	GPIIO8	GPIIO24	37	LED4
<u>A_SCL</u>	12	GPIIO9	GPIIO25		
<u>KEY2</u>	13	GPIIO10		38	ADC_LUX
<u>KEY3</u>	14	GPIIO11	GPIIO26_ADC0	39	ADC_GAS
<u>KEY4</u>	15	GPIIO12	GPIIO27_ADC1	40	KEY8
<u>KEY5</u>	16	GPIIO13	GPIIO28_ADC2	41	Vssv
<u>KEY6</u>	17	GPIIO14	GPIIO29_ADC3		
<u>KEY7</u>	18	GPIIO15			
				47	R7 USB_D+
<u>SWCLK</u>	24	SWCLK	USB_DP	46	R8 USB_D-
<u>SWD</u>	25	SWD	USB_DM		
				56	QSPI_SS
<u>RUN</u>	26	RUN	QSPI_SS		
				53	QSPI_SD0
	20	XIN	QSPI_SD1	55	QSPI_SD1
				54	QSPI_SD2
	21	XOUT	QSPI_SD2	51	QSPI_SD3
			QSPI_SD3		
			QSPI_SCLK	52	QSPI_SCLK
<u>R11</u>		PICO			



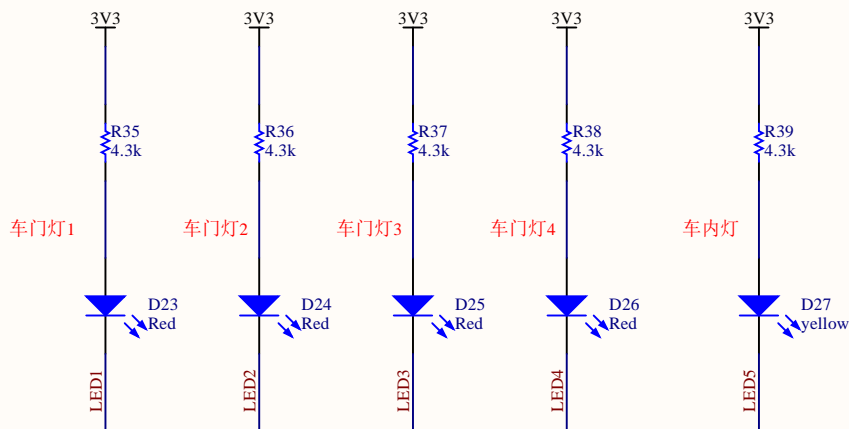
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Date:	2021/12/21	Sheet	of
File:	E:\Users\A\PICO\核心.SchDoc	Drawn By:	

车门控制子系统

KEYPAD



LED

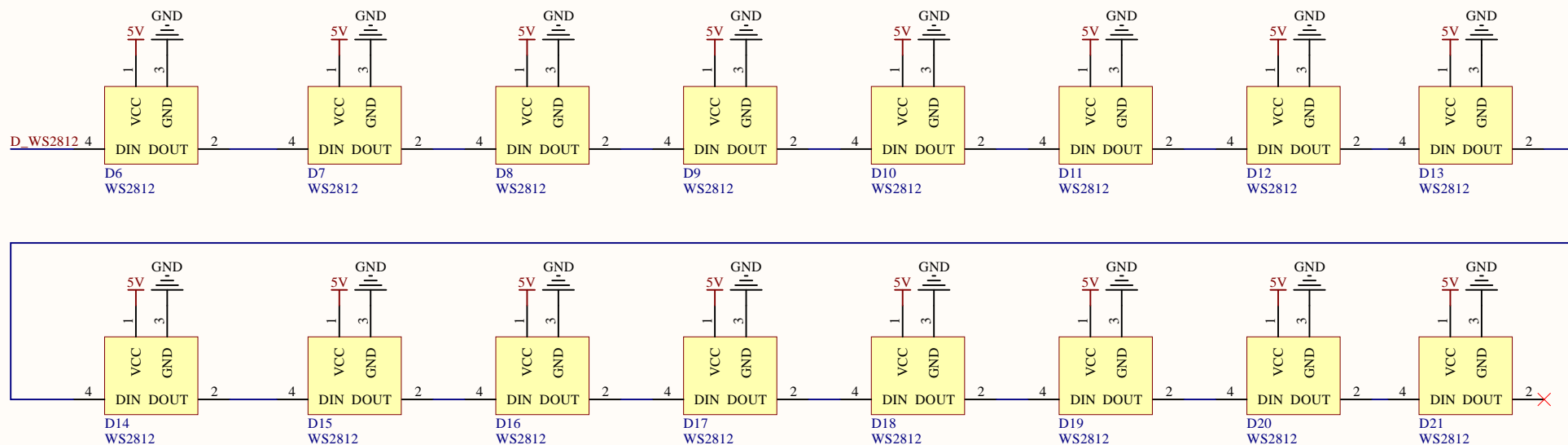
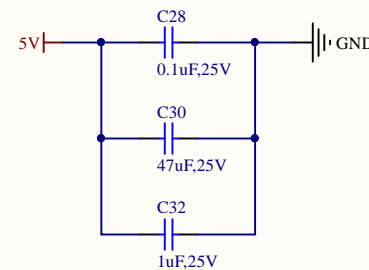
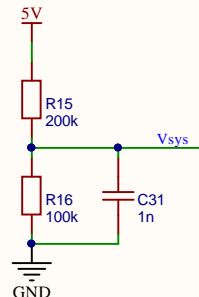
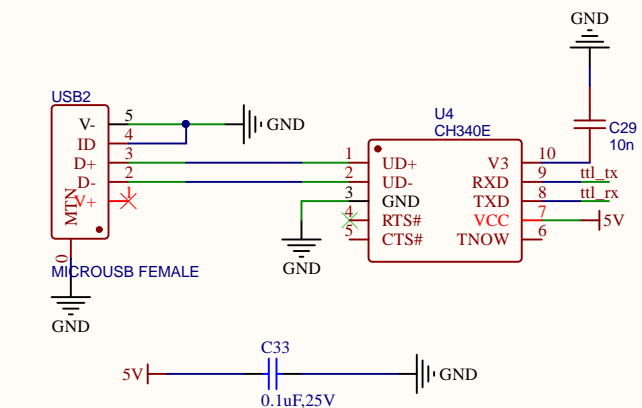


Title		
Size	Number	Revision
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File:	E:\Users\...车门车灯子系统.SchDoc	Drawn By:

SERIAL

Vsys

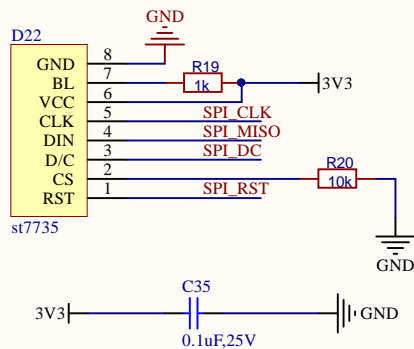
WS2812



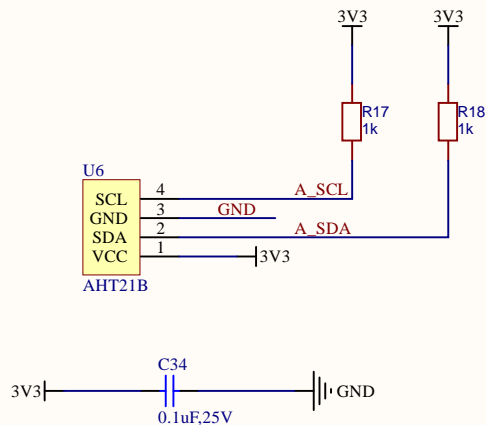
固定孔

Title		
Size	Number	Revision
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Date:	2021/12/21	Sheet of
File:	E:\Users\...传感器.SchDoc	Drawn By:

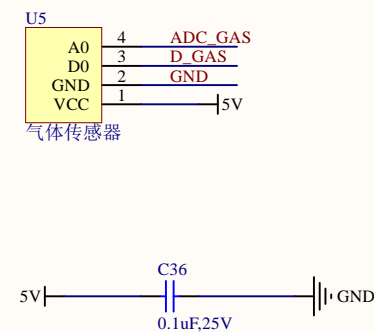
DISPLAY



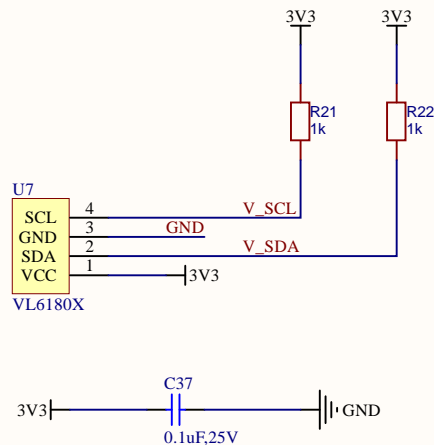
TEMP/HUT



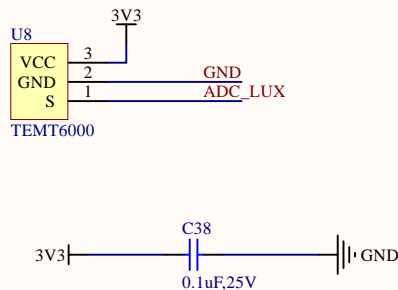
GAS



DIS



LUX



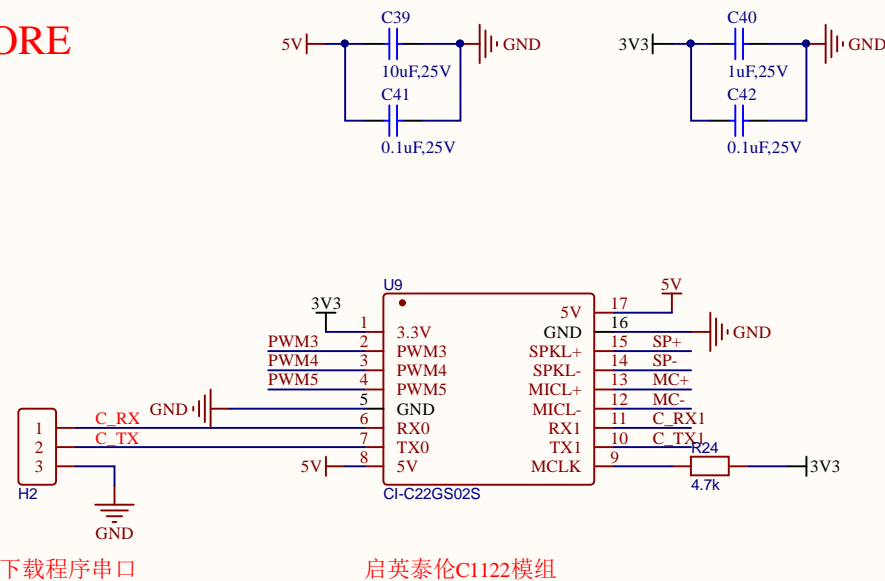
环境监测系统

- 1.ST7735显示模块
- 2.温湿度模块
- 3.气体传感器
- 4.距离传感器
- 5.环境光强传感器

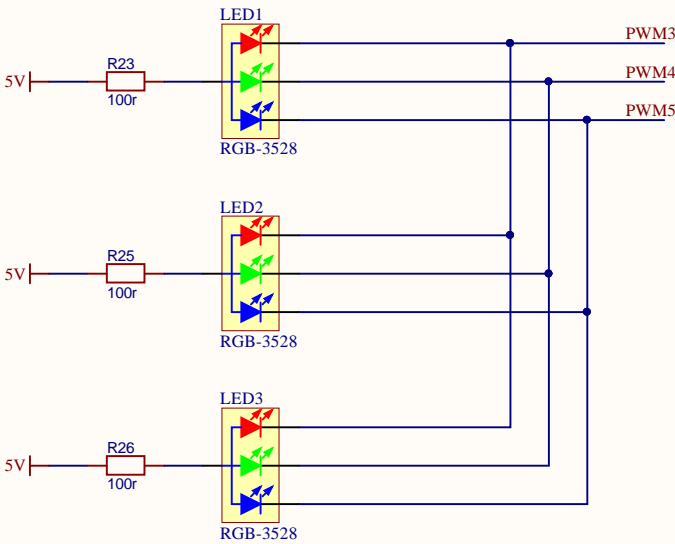
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Date:	2021/12/21	Sheet of
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C1122语音识别系统

CORE



LED



连接件



Title		
Size	Number	Revision
A4		
Date:	2021/12/21	Sheet of
File:	E:\Users\语音识别系统.SchDoc	Drawn By:

