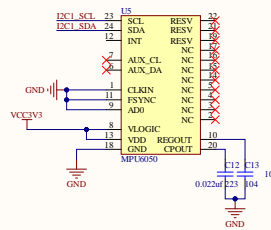
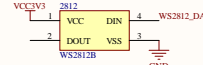


TB店铺：酷世DIY

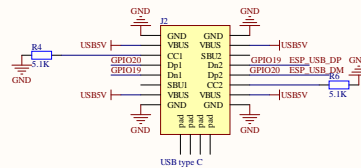
MPU6050



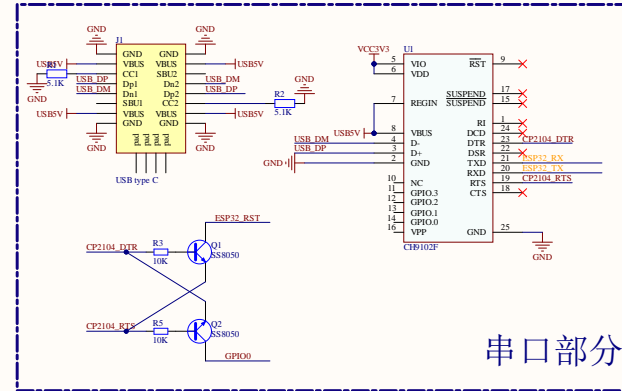
LED



ESP32S3



串口部分



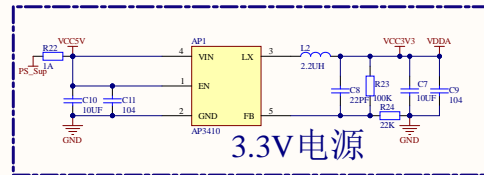
I2C1_SDA GPIO4
I2C1_SCL GPIO5
DCMI_CLK GPIO15
DCMI_PCLK GPIO13
DCMI_FSYNC GPIO7
DCMI_VSYNC GPIO6
DCMI_D0 GPIO11
DCMI_D1 GPIO9
DCMI_D2 GPIO8
DCMI_D3 GPIO10
DCMI_D4 GPIO12
DCMI_D5 GPIO18
DCMI_D6 GPIO17
DCMI_D7 GPIO16

WS2812_DAT GPIO38
MIC0_WS GPIO32
MIC0_DATA GPIO2
MIC0_SCK GPIO41

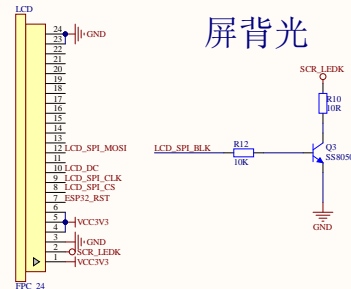
SD_CLK GPIO39
SD_CMD GPIO38
SD_DATA0 GPIO40

LCD_DC GPIO45
LCD_SPI_CS GPIO14
LCD_SPI_CLK GPIO21
LCD_SPI_MOSI GPIO47

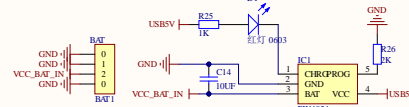
LCD_SPI_RST ESP32_RST LCD_RST
LCD_SPI_BLK GPIO48



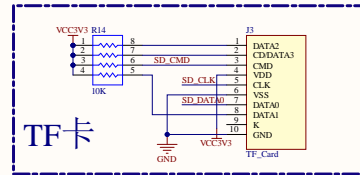
屏背光



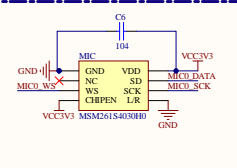
充电



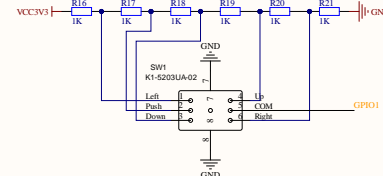
TF卡



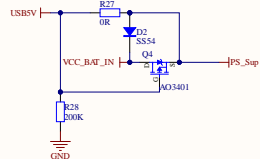
MIC



ADC按键



供电切换



Title			
Size	Number	Revision	
A2			
Date:	8/2/2023	Sheet of	
File:	F:\Github_ESP32S3_SP_V2.SchDoc	Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
WS2812B		2812	LED_3528_RGB	WS2812B	1
AP3410		AP1	SOT23-5N	AP3410	1
BAT	molex 53261-0271 2P	BAT1	MOLEX 53398-0271	Header 4	1
BOOT	Switch	BOOT	KEY_1	SW-PB	1
105	Capacitor	C1	LC-0603_C	C	1
104	[NoValue], Capacitor	C2, C4, C6, C9, C11, C13	LC-0603_C	CAP	6
10UF		C3, C5, C7, C10, C14	LC-0603_C	CAP	5
22PF		C8	LC-0603_C	cap	1
0.022uf	Capacitor	C12	LC-0603_C	Cap	1
FPC_24		CAM1	FPC_24	FPC_24	1
红灯 0603	发光二极管	D1	0603_LED_S1	0603 白灯	1
SS54	肖特基二极管	D2	SMA	SS14	1
PW4054	锂电池充电芯片	IC1	SOT23-5N	LTC4054	1
USB type C		J1, J2	USB Type-C- 16Pin_A	USB_C	2
TF_Card	TF卡座	J3	TF卡座	TF_Card	1
10uH	普通电阻	L1	LC-0603_L	RES	1
2.2UH	电感	L2	CD32	L1	1
FPC_24		LCD	ST7789V3_24Pin	FPC_24	1
MSM261S4030H0		MIC	MSM261S4030H0	MSM261S4030H0	1
Header 22	Header, 22-Pin	P1, P2	HDR1X22	Header 22	2
SS8050	[NoValue], 高频放大 -NPN型	Q1, Q2, Q3	SOT23-3N	Q S9013, 8050-SMD	3
AO3401	P沟道 30V/4.2A	Q4	SOT23-3N	AO3401	1
5.1K	普通电阻	R1, R2, R4, R6	LC-0603_R	RES	4
10K	[NoValue], 普通电阻	R3, R5, R7, R12	LC-0603_R	R_0Q_0603, RES	4
4.7K	[NoValue], 普通电阻	R8, R9, R11, R13	LC-0603_R	R_1, RES	4
10R	普通电阻	R10	LC-0603_R	RES	1
10K		R14	RCA-8P4R-0603	RES4	1
0R	普通电阻	R15, R27	LC-0603_R	RES	2
1K	普通电阻	R16, R17, R18, R19, R20, R21, R25	LC-0603_R	RES	7
1A	普通电阻	R22	0805_R	RES	1
100K	普通电阻	R23	LC-0603_R	RES	1
22K	普通电阻	R24	LC-0603_R	RES	1
2K	普通电阻	R26	LC-0603_R	RES	1
200K	普通电阻	R28	LC-0603_R	RES	1
RST	Switch	RST	KEY_1	SW-PB	1
K1-5203UA-02		SW1	K1-5	K1-5203UA-02	1
CH9102F		U1	QFN24 4x4_N	CP2104	1
ESP32S3-WROOM- 1(N8R8)		U2	ESP32S3-WROOM- 1	ESP32S3-WROOM- 1	1
ME6211C28M5G		U3	SOT23-5N	ME6211C28M5G	1
ME6211C15M5G		U4	SOT23-5N	ME6211C15M5G	1
MPU6050	9轴运动处理传感器	U5	QFN24 4x4_N	MPU6050	1