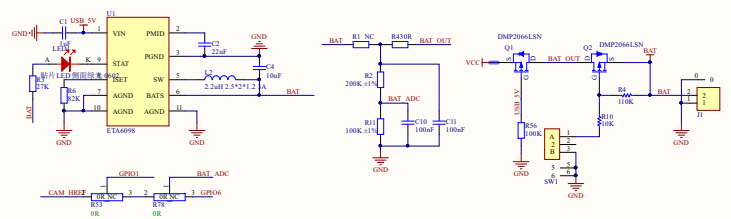
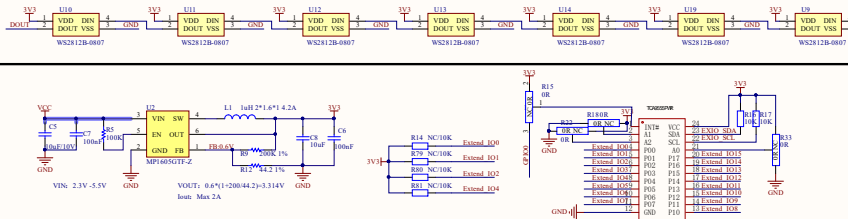
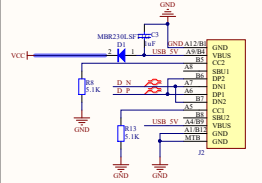
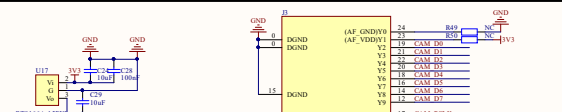
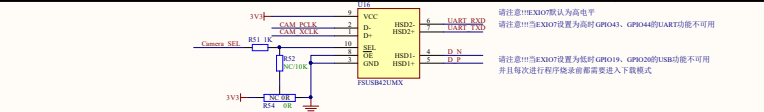
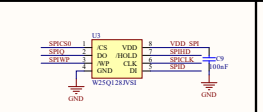
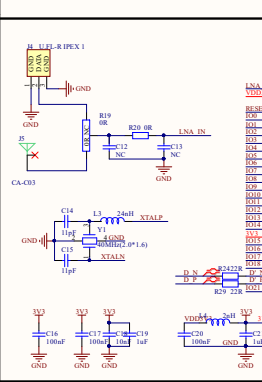


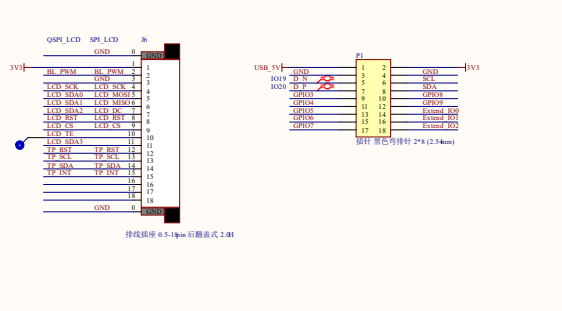
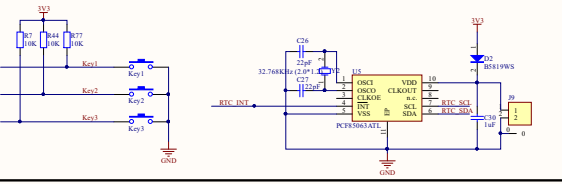
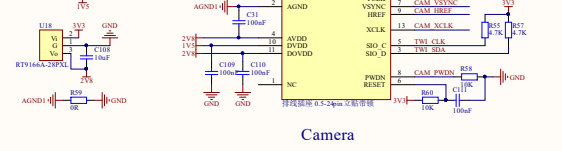
### Type-C Interface



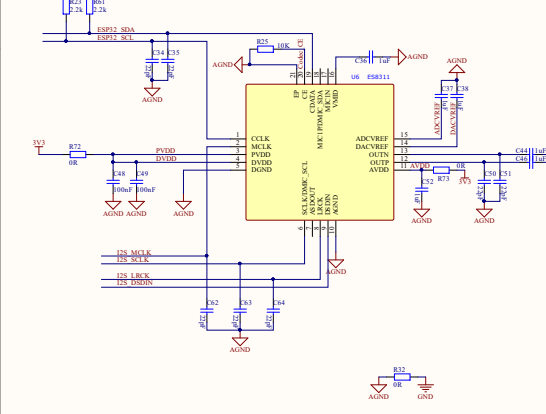
### ESP32-S3-AUDIO-Board



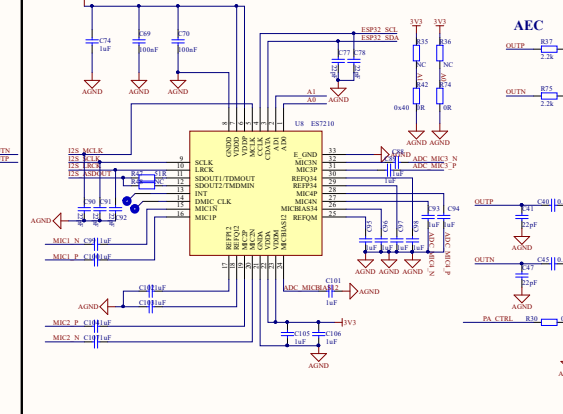
GPIO	QSPI_LCD	SPI_LCD	Camera	SD Card	RTC	UART	I2C	SpeakMIC	RGB	Extraction
IO0			CAM_HREF							GPIO0
IO1			CAM_D0							GPIO1
IO2										GPIO2
IO3	LCD_CS	LCD_CS								GPIO3
IO4	LCD_SCK	LCD_SCK								GPIO4
IO5	HC_PWM	BL_PWM								GPIO5
IO6	LCD_SDA1									GPIO6
IO7	LCD_SDA2	LCD_DC								GPIO7
IO8	LCD_SDA3	LCD_MISO								GPIO8
IO9	LCD_SDA4	LCD_MOSI								GPIO9
IO10	TP_SCL	TP_SCL	TWI_CLK		RTC_SCL		SCL	ESP32_SCL		EXSD_SCL, GPIO10
IO11	TP_SDA	TP_SDA	TWI_SDA		RTC_SDA		SDA	ESP32_SDA		EXSD_SDA, GPIO11
IO12										GPIO12
IO13										GPIO13
IO14										GPIO14
IO15										GPIO15
IO16										GPIO16
IO17										GPIO17
IO18			CAM_D1							GPIO18
IO19			CAM_D2							GPIO19
IO20			CAM_PCLK							D_N, GPIO20
IO21			CAM_MCLK							D_P, GPIO21
IO22			CAM_SS2NC							GPIO22
IO23										Internal occupancy
IO24										Internal occupancy
IO25										Internal occupancy
IO26										Internal occupancy
IO27										Internal occupancy
IO28										Internal occupancy
IO29			CAM_D0							LED_DFN, GPIO29
IO30				SD_SCK						GPIO30
IO31				SD_D0						GPIO31
IO32				SD_D1						GPIO32
IO33			CAM_YCLK			HART_TXD				GPIO33
IO34			CAM_PCLK			HART_EXTD				GPIO34
IO35			CAM_D4							GPIO35
IO36			CAM_D5							GPIO36
IO37			CAM_D6							GPIO37
IO38			CAM_D7							GPIO38
Extended IO0	LCD_RST	LCD_RST								GPIO39
Extended IO1	TP_RST	TP_RST								GPIO40
Extended IO2	TP_INT	TP_INT								GPIO41
Extended IO3										GPIO42
Extended IO4										GPIO43
Extended IO5			CAM_PWDN							GPIO44
Extended IO6			Camera_SEL							GPIO45
Extended IO7										GPIO46
Extended IO8										GPIO47
Extended IO9										GPIO48
Extended IO10										GPIO49
Extended IO11										GPIO50
Extended IO12										GPIO51
Extended IO13										GPIO52
Extended IO14										GPIO53
Extended IO15										GPIO54
Extended IO16										GPIO55
Extended IO17										GPIO56
Extended IO18										GPIO57
Extended IO19										GPIO58
Extended IO20										GPIO59
Extended IO21										GPIO60
Extended IO22										GPIO61
Extended IO23										GPIO62
Extended IO24										GPIO63
Extended IO25										GPIO64
Extended IO26										GPIO65
Extended IO27										GPIO66
Extended IO28										GPIO67
Extended IO29										GPIO68
Extended IO30										GPIO69
Extended IO31										GPIO70
Extended IO32										GPIO71
Extended IO33										GPIO72
Extended IO34										GPIO73
Extended IO35										GPIO74
Extended IO36										GPIO75
Extended IO37										GPIO76
Extended IO38										GPIO77
Extended IO39										GPIO78
Extended IO40										GPIO79
Extended IO41										GPIO80
Extended IO42										GPIO81
Extended IO43										GPIO82
Extended IO44										GPIO83
Extended IO45										GPIO84
Extended IO46										GPIO85
Extended IO47										GPIO86
Extended IO48										GPIO87
Extended IO49										GPIO88
Extended IO50										GPIO89
Extended IO51										GPIO90
Extended IO52										GPIO91
Extended IO53										GPIO92
Extended IO54										GPIO93
Extended IO55										GPIO94
Extended IO56										GPIO95
Extended IO57										GPIO96
Extended IO58										GPIO97
Extended IO59										GPIO98
Extended IO60										GPIO99
Extended IO61										GPIO100



### Codec



### ADC



### PA&SPEAKER&MIC

