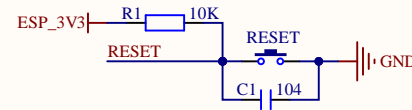


ESP32P4M Board

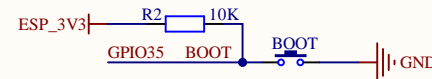
U0TXD	GPIO37	1	2	USB_DP
U0RXD	GPIO38	3	4	USB_DM
TPAD	GPIO2	5	6	RESET
LCD_B7	GPIO3	7	8	GPIO23 REMOTE_IN
LCD_B6	GPIO4	9	10	GPIO51 LED0
LCD_B5	GPIO5	11	12	GPIO49 I2S_SDIN
LCD_B4	GPIO6	13	14	GPIO50 I2S_SDOUT
LCD_B3	GPIO7	15	16	GPIO48 I2S_LRCK
LCD_G7	GPIO8	17	18	GPIO47 I2S_SCK
LCD_G6	GPIO9	19	20	GPIO46 I2S_MCLK
LCD_G5	GPIO10	21	22	GPIO45 CT_RST
LCD_G4	GPIO11	23	24	GPIO36 IIC_INT
LCD_G3	GPIO12	25	26	GPIO35 BOOT
LCD_G2	GPIO13	27	28	GPIO30 SPI_SCK
LCD_R7	GPIO14	29	30	GPIO26 U1TXD
LCD_R6	GPIO15	31	32	GPIO27 U1RXD
LCD_R5	GPIO16	33	34	GPIO28 SPI_CS
LCD_R4	GPIO17	35	36	GPIO29 SPI_MOSI
LCD_R3	GPIO18	37	38	GPIO31 SPI_MISO
ADC_IN	GPIO19	39	40	GPIO25 USB_D+
LCD_CLK	GPIO20	41	42	GPIO24 USB_D-
CT_INT	GPIO21	43	44	GPIO52 LCD_RST
LCD_DE	GPIO22	45	46	GPIO53 LCD_BL
IIC_SCL	GPIO32	47	48	GND
IIC_SDA	GPIO33	49	50	VCC5

P2

RESET



BOOT

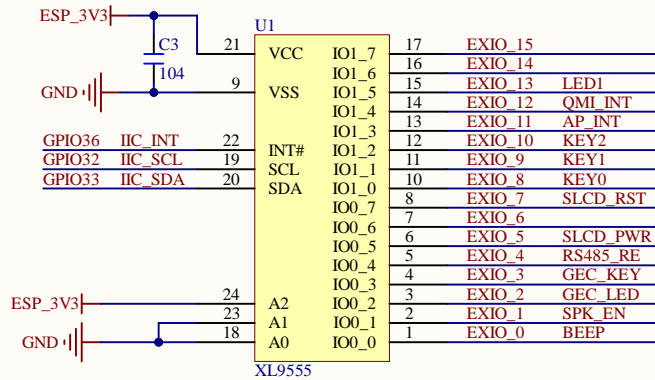


EX IO

GPIO3	1	2	GPIO22
GPIO4	3	4	GPIO23
GPIO5	5	6	GPIO49
GPIO6	7	8	GPIO50
GPIO7	9	10	GPIO48
GPIO8	11	12	GPIO47
GPIO9	13	14	GPIO46
GPIO10	15	16	GPIO45
GPIO11	17	18	GPIO36
GPIO12	19	20	GPIO30
GPIO13	21	22	GPIO28
GPIO14	23	24	GPIO29
GPIO15	25	26	GPIO52
GPIO16	27	28	GPIO53
GPIO17	29	30	EXIO_6
GPIO18	31	32	EXIO_14
GPIO20	33	34	EXIO_15
GPIO21	35	36	GND
GPIO32	37	38	GPIO33

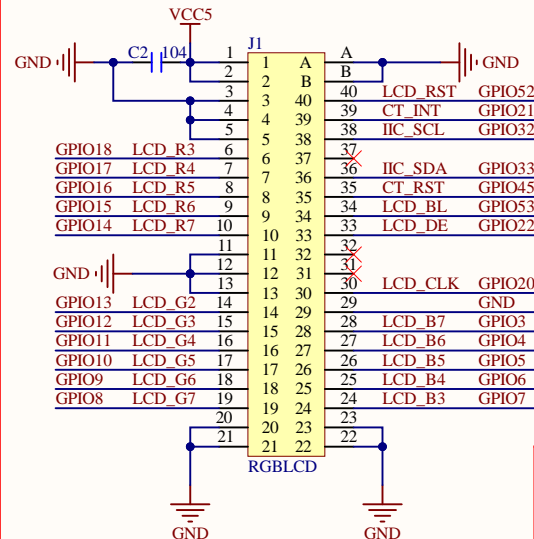
P1

IO EXPANDER



XL9555

RGB LCD



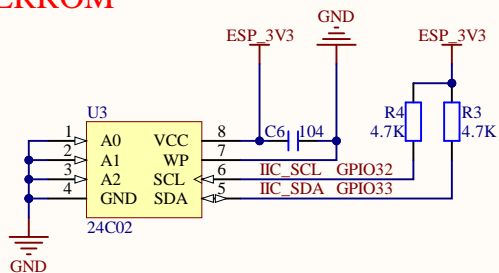
RGBLCD

Title:
ESP32P4.PrjPcb
Author:
ALIENTEK
Date:
2024/12/16
Revision:
V1.0

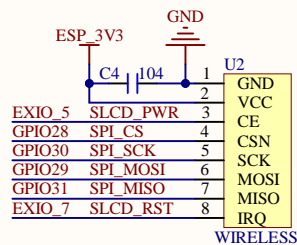
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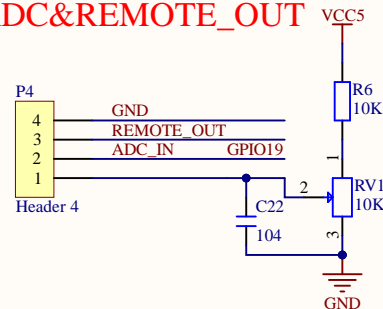
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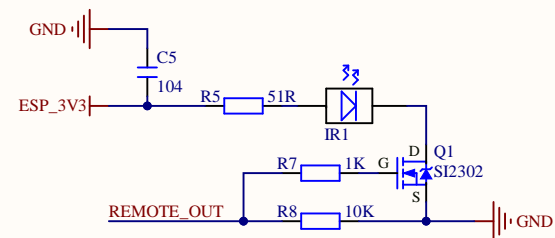
SPI LCD(WIRELESS)



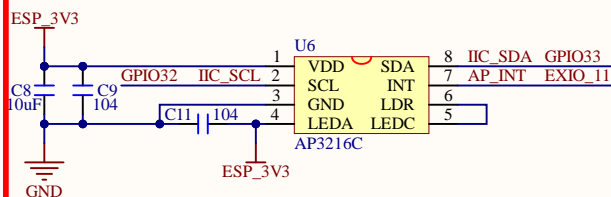
ADC&REMOTE_OUT



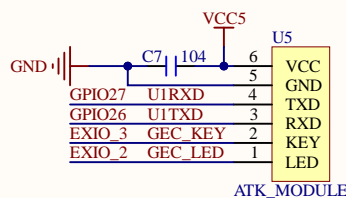
REMOTE OUT



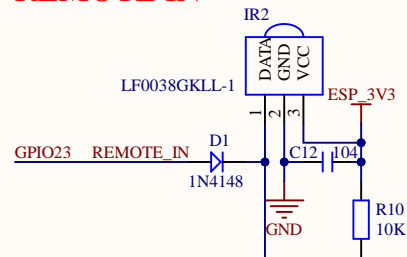
ALS&PS SENSOR



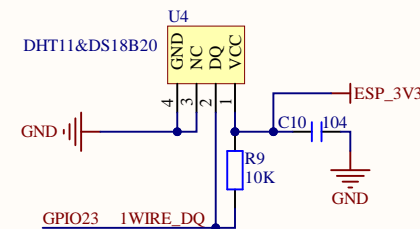
ATK_MODULE



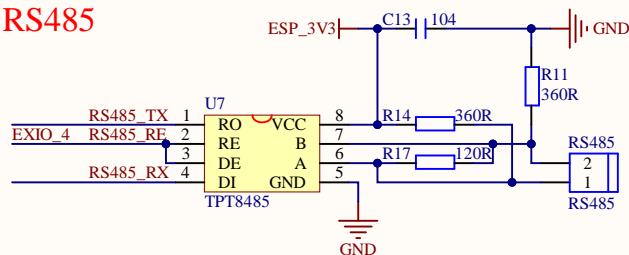
REMOTE IN



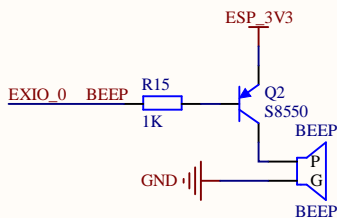
TEMP&HUMI SENSOR



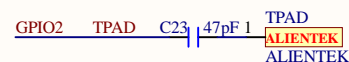
RS485



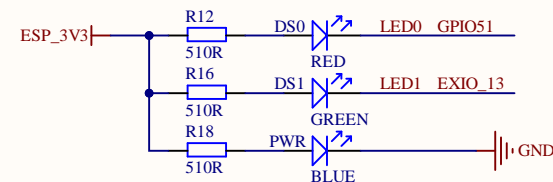
BEEP



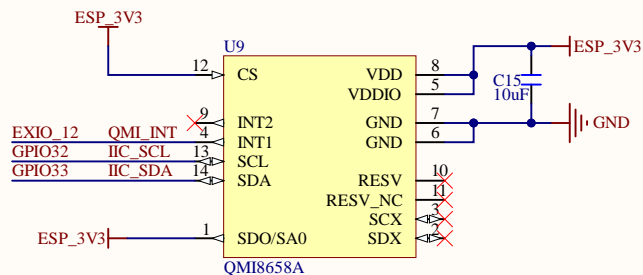
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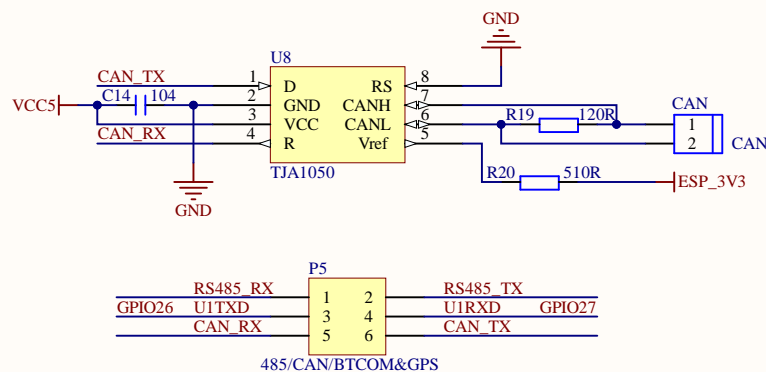
LED



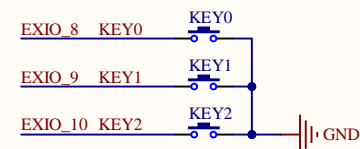
6 AXIS SENSOR



CAN



KEY



Title: ESP32P4.PrjPcb	Size: A4
Author: ALIENTEK	File: DEVICE.SchDoc
Date: 2024/12/16	Version:
Revision: V1.0	



