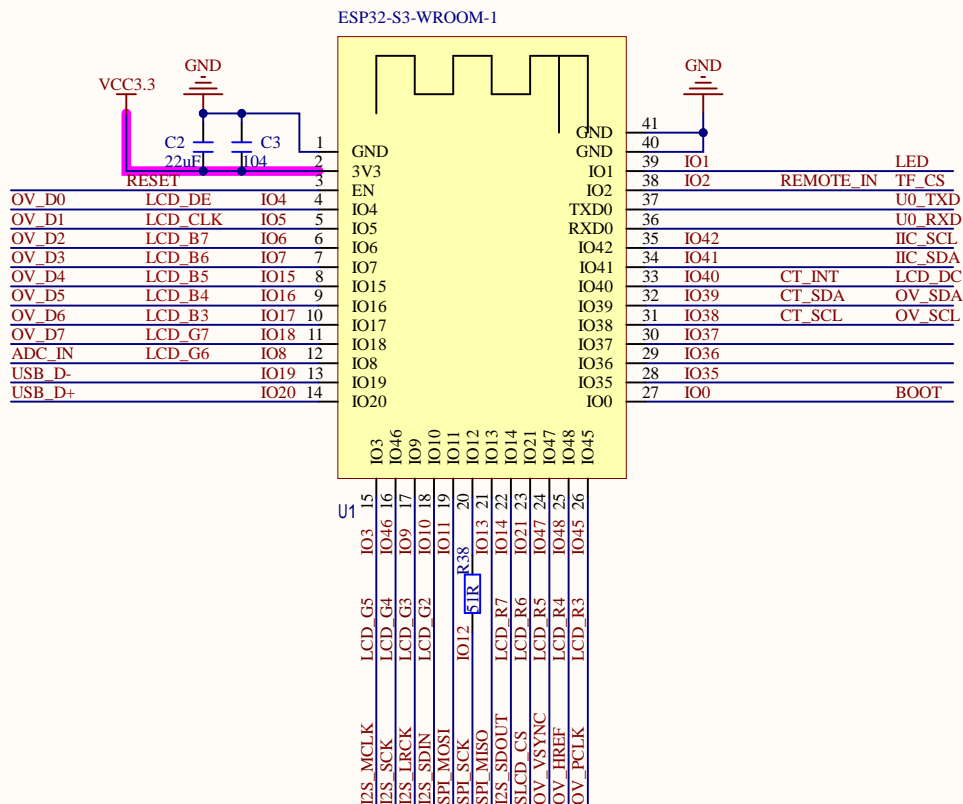
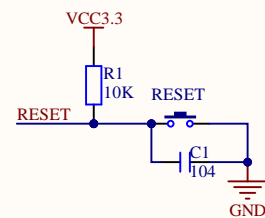


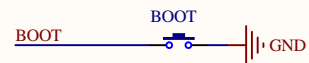
ESP32 MODULE



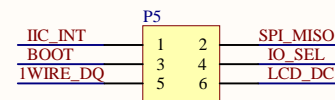
RESET



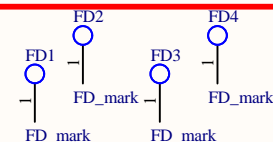
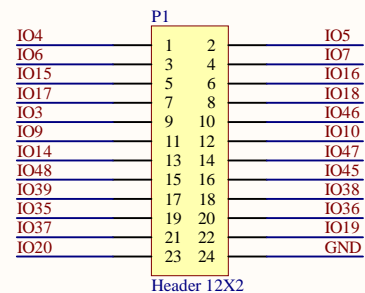
BOOT



IO_FUNC SELECT SPI LCD SELECT



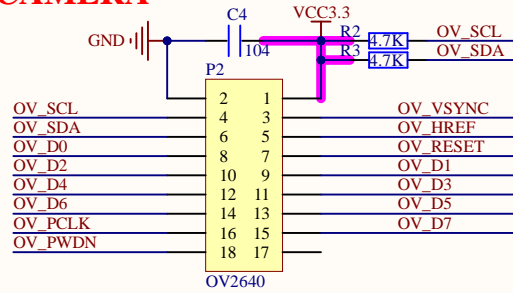
EX IO



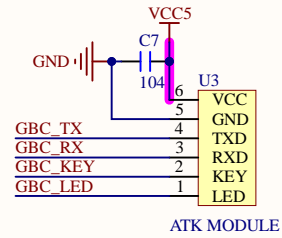
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Author: ALIENTEK	Size: A4
Date: 2024/3/28	File: CORE.SchDoc
Revision: 0	Version: V1.0



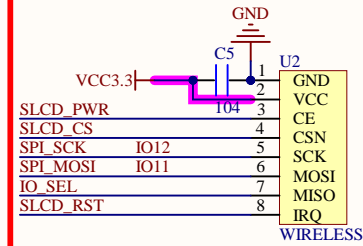
CAMERA



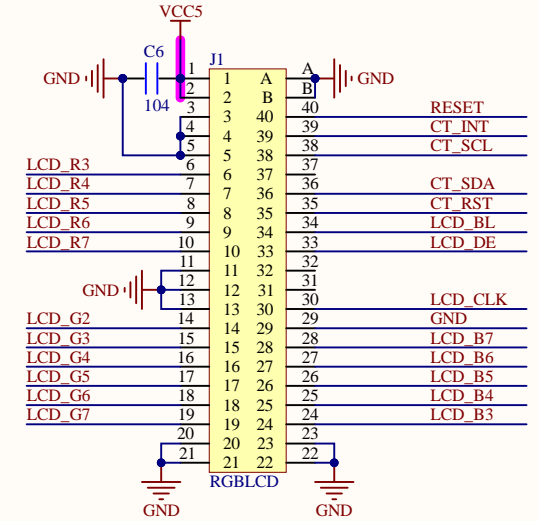
ATK MODULE



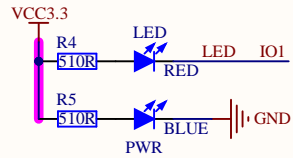
SPI LCD(WIRELESS)



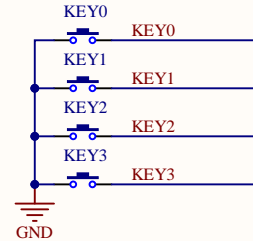
RGBLCD



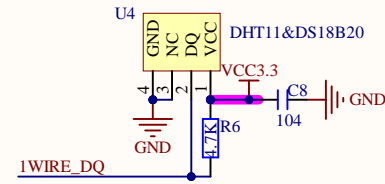
LED



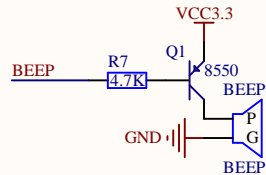
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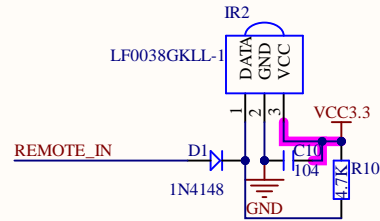
TEMP&HUMI SENSOR



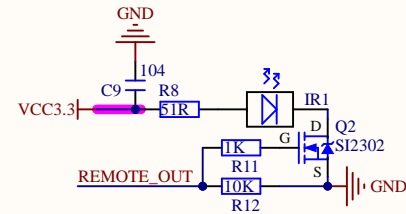
BEEP



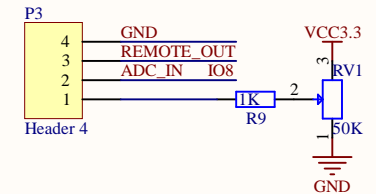
REMOTE IN



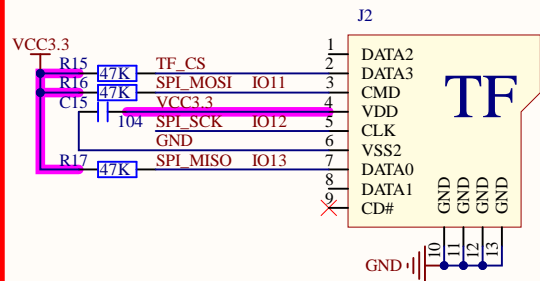
REMOTE OUT



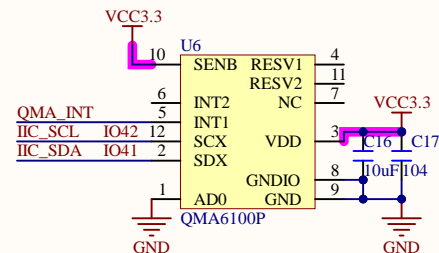
ADC&REMOTE_OUT



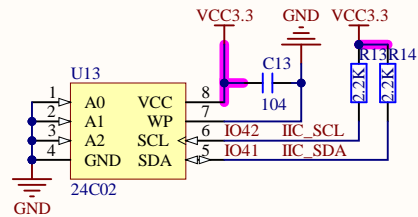
TF CARD



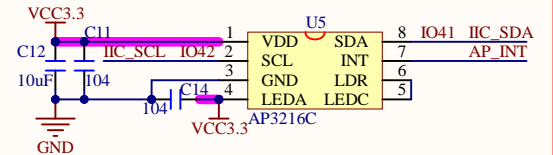
3 AXIS ACCELEROMETER



EEPROM



ALS&PS SENSOR

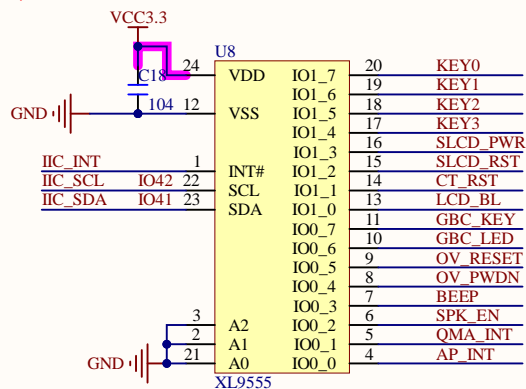


Title:
ATK_DNESP32S3.PrjPcb
Author:
ALIENTEK
Date:
2024/3/28
Revision:
0

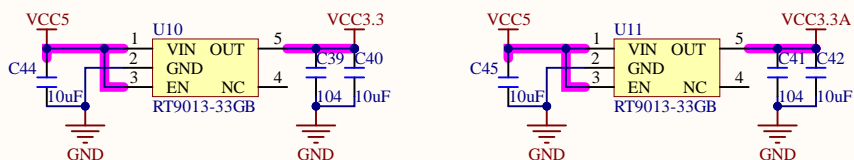
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Version:
V1.0



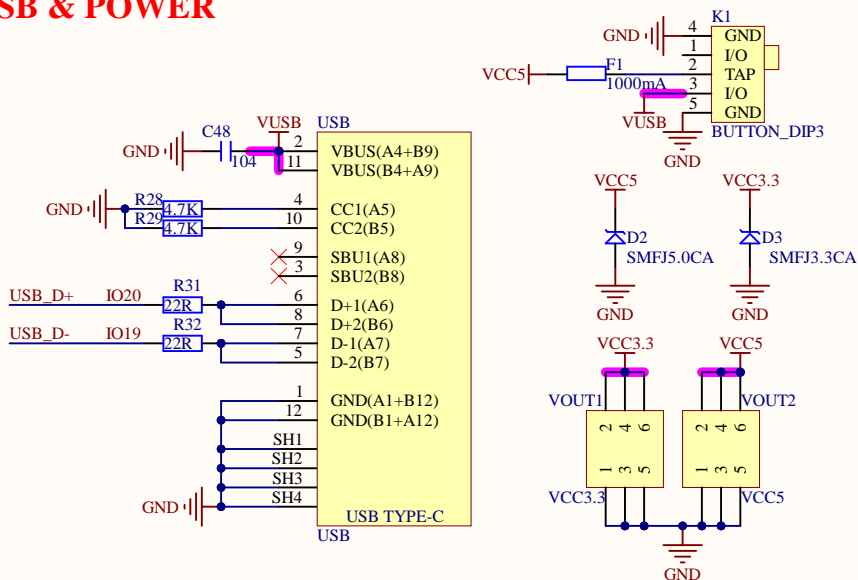
IO EXPANDER



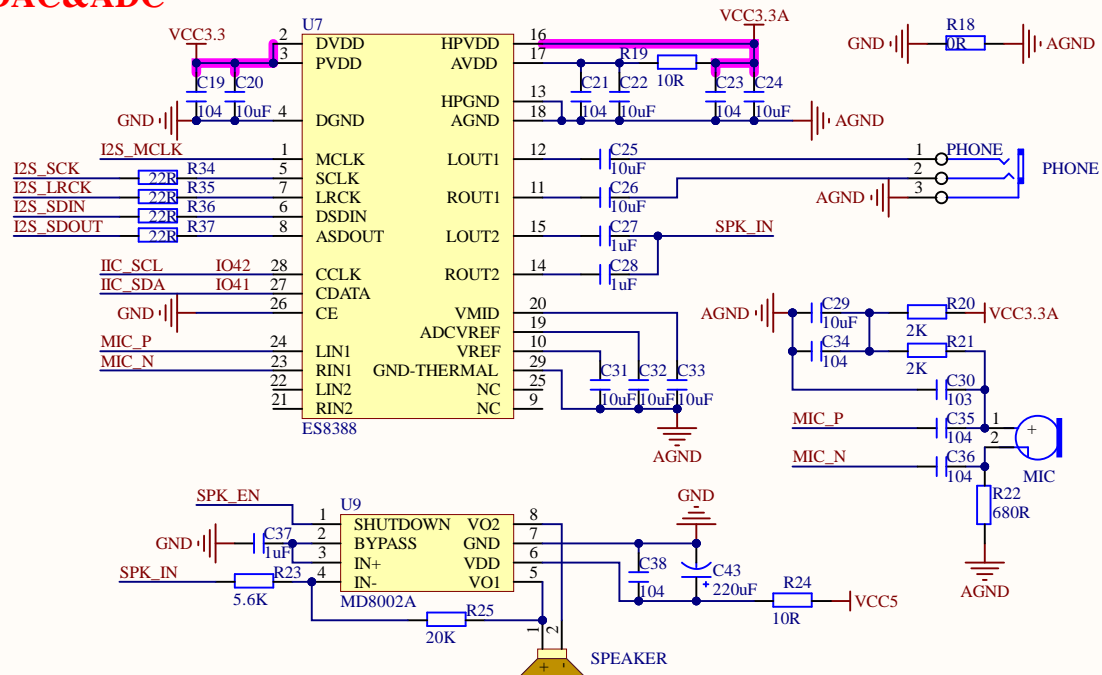
LDO



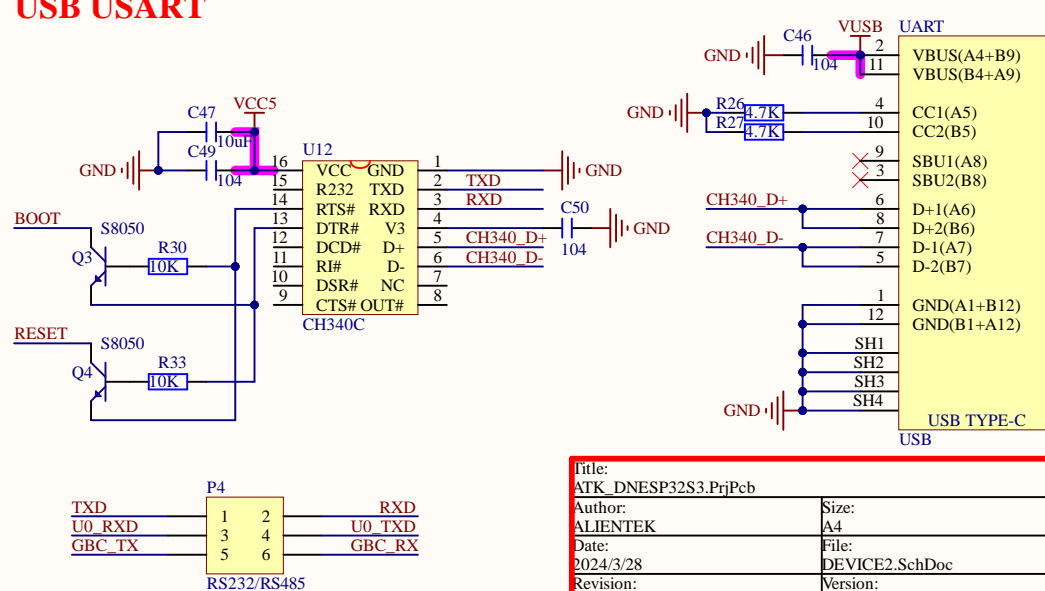
USB & POWER



I2S DAC&ADC

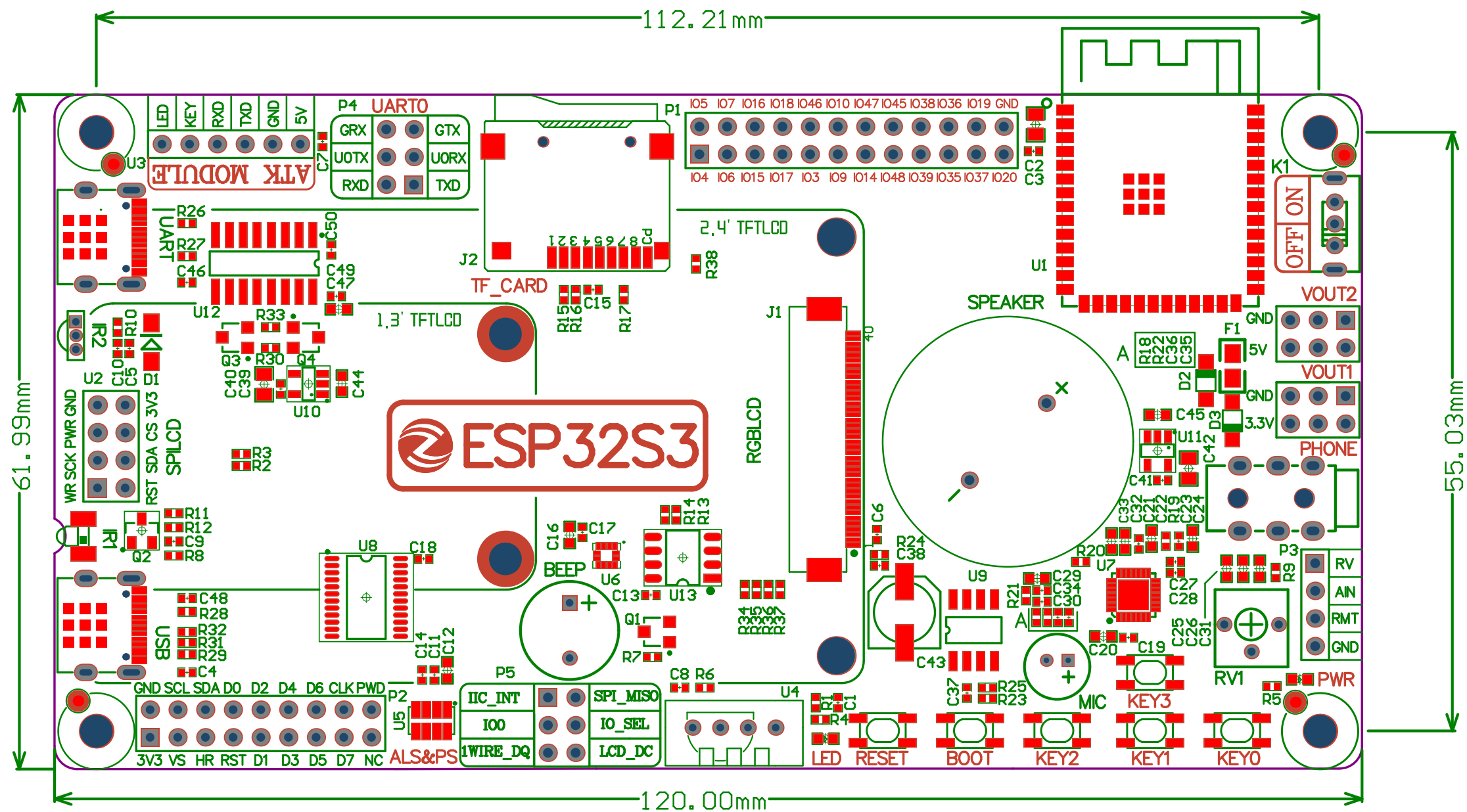


USB USART



Title: ATK_DNESP32S3.PrjPcb	
Author: ALIENTEK	Size: A4
Date: 2024/3/28	File: DEVICE2.SchDoc
Revision: 0	Version: V1.0





GND IO19 IO36 IO38 IO45 IO47 IO10 IO46 IO18 IO16 IO7 IO5
IO20 IO37 IO35 IO39 IO48 IO14 IO9 IO3 IO17 IO15 IO6 IO4

GTX GRX
UORX UOTX
TXD RXD

5V GND TXD RXD KEY LED



GND
5V

GND
3.3V

RV
AIN
RMT
GND

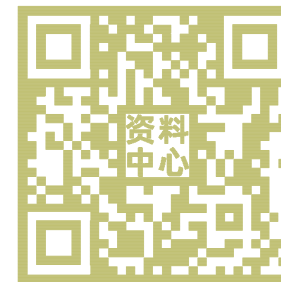


正点原子

ALIENTEK



ATK_DNESP32S3 V1.2
www.alientek.com
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www.yuanzige.com



资料中心

GND PWR SCK WR
3V3 CS SDA RST

PWD CLK D6 D4 D2 D0 SDA SCL GND
NC D7 D5 D3 D1 RST HR VS 3V3