

文件编号 Document No.	ESP-07-2-007-03	文件名称 Document Name	产品/工艺变更通知 Product/Process Change Notice (PCN)
文件版本 Document Version	1.4	保存期限 Retention Period	5 年 5 years

ESP32-S3-WROOM-2 模组量产 BOM 变更
BOM Change for ESP32-S3-WROOM-2

PCN 编号 PCN No.	PCN20220802	提出日期 Issue Date of PCN	2022/09/22
变更日期 Proposed Date of Change	2022/10/14	预计变更后产品首次出货日期 Proposed Date of First Shipment After Change	2022/10/30
PCN 类型 / PCN Category	<input checked="" type="checkbox"/> 客户需要批准 / Customer Approval Required <input type="checkbox"/> 客户通知 / Customer Notification		

1. 影响产品名称 / Affected Product Name

Product Name	MPN
ESP32-S3-WROOM-2	ESP32-S3-WROOM-2-N16R8V
	ESP32-S3-WROOM-2-N32R8V

2. 变更原因 / Reason for Change

ESP32-S3-WROOM-2 内置芯片 ESP32-S3R8V 的 VDD_SPI 已通过 eFuse VDD_SPI_TIEH 和 VDD_SPI_FORCE 设置为 1.8V，无需配置 IO45 为高电平控制 VDD_SPI。故取消 ESP32-S3-WROOM-2 模组上 IO45 上拉电阻 R1 上件。

The VDD_SPI voltage of the ESP32-S3R8V chip on the ESP32-S3-WROOM-2 has been set to 1.8 V by eFuse VDD_SPI_TIEH and VDD_SPI_FORCE, and is no longer controlled by GPIO45. Therefore the external pull up resistor R1 on the module is changed to be not mounted.

3. 变更描述 / Description of Change

- 模组 ESP32-S3-WROOM-2 BOM 版本由 V0.6 变更为 V0.7;
SMT BOM version of ESP32-S3-WROOM-2 is upgraded to V0.7.
- 模组 ESP32-S3-WROOM-2 上 R1 (10KΩ) 变更为 NC;
R1 (10KΩ) is not mounted on the module ESP32-S3-WROOM-2.

4. 变更对比 / Change Comparison

Item	Before Change	After Change
BOM version	V0.6	V0.7
R1	10 KΩ	NC

5. 变更影响 / Impact of Change

- 品质和性能 / Quality & Performance: 无影响 / No Impact
- 交期 / Delivery: 无影响 / No Impact

- 3) 生产料号/ Material Part Numbers (MPN): 无影响/ No Impact
4) 认证/ Certification: 无影响/ No Impact
5) 其他/ Others: NA

6. 变更前后产品处理/ How to Deal with Products

FIFO

7. 相关报告/ Related Report(s):

Related ECN No. ECN-2022-026

8. 给使用者的验证建议/ Verification Suggestion To Users

变更后 ESP32-S3-WROOM-2 IO45 默认输出电平由 1 变为 0，请您综合评估软硬件状态是否需进行调整。如您无法判断变更影响，可以联络[乐鑫客户支持团队](#)获得帮助。

The default output of IO45 will be changed from 1 to 0. It is recommended that you check your hardware and software for further assessment. You may also contact [Espressif Customer Support Team](#) for support when you have concerns about the change impact.

邮件订阅
Espressif Email Notifications

乐鑫为注册用户提供电子邮件通知服务，用户可通过[乐鑫订阅系统](#)接收技术文档更新、新闻通讯、PCN 等邮件通知。

Espressif sends email notifications of technical documentation changes, along with newsletters, PCNs and other valuable information, to subscribed customers only. If you wish to stay updated on our products and services, please subscribe [here](#).

客户响应要求
Customer Response Requirements
需客户批准的变更/ Change Requiring Customer Approval:

a) 客户须在乐鑫发出 PCN 后的 30 天内告知乐鑫已收到 PCN。如客户未在接收到 PCN 后的 30 天内告知已收到，则视为客户收到变更。

Customers are requested to acknowledge receipt of the PCN within 30 calendar days from the date of issue of the PCN. Customers would be considered as notified 30 calendar days after issue of the PCN if no acknowledgement is received.

b) 自发布 PCN 之日起 90 天内，客户没有任何其他反馈，则表示客户接受该 PCN。

The lack of any additional responses from customers within 90 calendar days from the date of issue of the PCN constitutes acceptance of the proposed changes.

客户通知/ Customer Notification:

a) 客户需在乐鑫发出 PCN 后 14 天内通知乐鑫收到该 PCN。如客户未在接收到 PCN 14 日反馈乐鑫，则视为客户确认该 PCN。

Customers are requested to acknowledge receipt of the PCN within 14 calendar days from the date of issue of the PCN. Customers would be considered as having acknowledged the PCN if no response is received after 14 calendar days.

请反馈至 pcn@espressif.com。

Please send feedback to pcn@espressif.com.

客户批准/确认信息
Customer Approval/Acknowledgement and Remarks

客户公司全称:

Customer's Company Name:

PCN 评审结果/ PCN Review Result:

批准/确认 Accepted/Acknowledged

不批准/ Rejected

需要分析/ Further Analysis Required

客户意见/Comment:

公司代表人姓名

Representative's Name:

公司代表人职责

Representative's Job Title:

公司代表人签名

Representative's Signature:

日期

Date: