

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-WROOM-32 量产 BOM 更新 BOM Change for ESP32-WROOM-32									
PCN 编号 PCN No.	PCN20230101	提出日期 Issue Date of PCN	2023/04/10						
变更日期 Proposed Date of Change	2023/04/24	预计变更后产品首次出货日期 Proposed Date of First Shipment After Change	2023/05/20						
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 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 30%;">Part Name</th> <th>Part Number</th> </tr> </thead> <tbody> <tr> <td rowspan="3">ESP32-WROOM-32</td> <td>ESP32-WROOM-32-N4/ M103QH3200PH3Q0</td> </tr> <tr> <td>ESP32-WROOM-32-N8/ M103QH6400PH3Q0</td> </tr> <tr> <td>ESP32-WROOM-32-N16/ M103QH2800PH3Q0</td> </tr> </tbody> </table>				Part Name	Part Number	ESP32-WROOM-32	ESP32-WROOM-32-N4/ M103QH3200PH3Q0	ESP32-WROOM-32-N8/ M103QH6400PH3Q0	ESP32-WROOM-32-N16/ M103QH2800PH3Q0
Part Name	Part Number								
ESP32-WROOM-32	ESP32-WROOM-32-N4/ M103QH3200PH3Q0								
	ESP32-WROOM-32-N8/ M103QH6400PH3Q0								
	ESP32-WROOM-32-N16/ M103QH2800PH3Q0								
2. 变更原因/ Reason for Change ESP32-WROOM-32 C15 位号原物料 GRM1555C1H2R4BA01D 已停产，验证导入替代物料 GJM1555C1H2R4BB01D 以保障模组的供应和交付。 ESP32-WROOM-32 C15 material GRM1555C1H2R4BA01D has been EOL. To ensure the supply and delivery of modules GJM1555C1H2R4BB01D is verified to be used.									
3. 变更描述/ Description of Change ESP32-WROOM-32 C15 位号物料由 GRM1555C1H2R4BA01D 更改为 GJM1555C1H2R4BB01D。 C15 material ESP32-WROOM-32 will change from GRM1555C1H2R4BA01D to GJM1555C1H2R4BB01D.									
4. 变更对比/ Change Comparison <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 30%;">ESP32-WROOM-32</th> <th>变更前/ Before change</th> <th>变更后/ After change</th> </tr> </thead> <tbody> <tr> <td>C15 位号物料/ C15 material</td> <td>GRM1555C1H2R4BA01D</td> <td>GJM1555C1H2R4BB01D</td> </tr> </tbody> </table>				ESP32-WROOM-32	变更前/ Before change	变更后/ After change	C15 位号物料/ C15 material	GRM1555C1H2R4BA01D	GJM1555C1H2R4BB01D
ESP32-WROOM-32	变更前/ Before change	变更后/ After change							
C15 位号物料/ C15 material	GRM1555C1H2R4BA01D	GJM1555C1H2R4BB01D							
5. 变更影响/ Impact of Change <p>1) 品质和性能/ Quality & Performance:</p> <p>GJM1555C1H2R4BB01D 已在 ESP32-WROOM-32 模组上验证测试性能 pass，此变更对品质和性能无影响。</p> <p>GJM1555C1H2R4BB01D has verified the test performance pass on the ESP32-WROOM-32 module.</p> <p>This change has no impact on the quality and performance.</p> <p>2) 交期/ Delivery: 无影响/ No impact</p>									

3) 生产料号/ Material Part Numbers (MPN): 无影响/ No impact

4) 认证/ Certification: 无影响/ No impact

5) 软件/ IDF: 无影响/ No impact

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-2023-001

☒ Environment Related Report (RoHS / REACH etc.)

更新后的产品符合 RoHS 标准和 REACH 标准。

Product after change meets the RoHS requirements and the REACH requirements.

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: