



乐鑫信息科技（上海）有限公司

Espressif Systems (Shanghai) Pte., Ltd.

|                          |                 |                                 |  |
|--------------------------|-----------------|---------------------------------|--|
| 文件编号<br>Document No.     | ESP-03-2-014-03 | 文件名称<br>Document Name           | 产品/工艺变更通知<br>Product/Process Change Notice |
| 文件版本<br>Document Version | 00              | 秘密级别<br>Security Classification | 公开<br>Public                               |

变更标题/Change Title: 正式切入 ESP32-WROOM-32 和 ESP32-WROOM-32D

Official Cut-in of ESP32-WROOM-32 and ESP32-WROOM-32D

|                              |  |   |                                    |
|------------------------------|--|---|------------------------------------|
| PCN 编号<br>PCN No.            | P2018051001<br>(关联/related to P2018032602) | 提出日期<br>Issue Date of PCN                 | 2018/05/10                         |
| 产品名称<br>Product Name         | ESP-WROOM-32, ESP-WROOM-32D                | 变更日期<br>Proposed Date of Change           | 2018/05/10                         |
| 封装类型/尺寸<br>Package Type/Size | 模组<br>Module                               | 首次出货日期<br>Proposed Date of First Shipment | 2018/05/26 左右<br>Around 2018/05/26 |

客户批准/Customer Consent:  需要批准/Approval Required

通知, 无需批准/Notification, Approval Not Required

变更等级/Change Classification:  主要变更/Major  轻微变更/Minor

变更原因/Reason for Change:

依据乐鑫市场推广需求, 官方产品名字将做相应调整。

The two modules' names are changed, in accordance with Espressif' s marketing requirements.

变更描述/Description of Change:

当前状况/Current State:

模组名称为 ESP-WROOM-32D、ESP-WROOM-32。

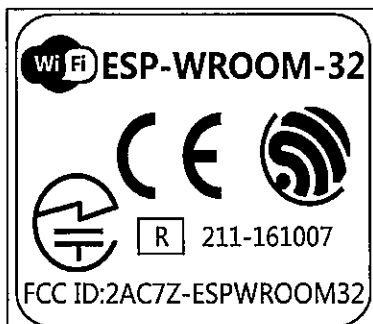
Currently, the two modules are named ESP-WROOM-32D and ESP-WROOM-32.

变更内容/Proposed Change:

1. 模组名称 ESP-WROOM-32D 变更为 ESP32-WROOM-32D; ESP-WROOM-32 变更为 ESP32-WROOM-32。  
ESP-WROOM-32D is changed to ESP32-WROOM-32D; ESP-WROOM-32 is changed to ESP32-WROOM-32.
2. ESP32-WROOM-32 模组丝印变更/ESP32-WROOM-32' s device marking change:

变更前/Before change:

变更后/After change:





3. ESP32-WROOM-32D 模组丝印变更/ESP32-WROOM-32D' s device marking change:

变更前/Before change:

变更后/After change:



注意/Notice:

- 乐鑫将遵守产品的 FIFO 原则来交付产品。  
 We will follow the principle of FIFO to deliver ESP-WROOM-32 and ESP-WROOM-32D modules.
- 模块名字的变更不会影响产品的功能测试。  
 Names changes will not affect product functionality.

变更影响/Impact of Change:

1. 仅影响 ESP32-WROOM-32 和 ESP32-WROOM-32D 产品交付。  
 Name changes only apply to ESP32-WROOM-32 and ESP32-WROOM-32D.

变更识别方式/Method of Identifying Change:

乐鑫增加模组的内部料号，模组名称变更。  
 Espressif adds Internal MPNs based on the modules' names.

变更前后产品处理/How to Deal with Products:

若客户端实际使用情况符合上述变更影响描述，则建议客户联系 Espressif 确认处理方式，联系方式为 [pcn@espressif.com](mailto:pcn@espressif.com)。

Should the changes mentioned in this PCN impact the use of these devices, users can contact us at [pcn@espressif.com](mailto:pcn@espressif.com).

相关报告/Report(s) Attached:

Reliability Report or Plan: \_\_\_\_\_ N/A

Qualification Report or Plan: \_\_\_\_\_ N/A

RoHS/HF Test Report: \_\_\_\_\_ N/A

Function Test Report: \_\_\_\_\_ N/A

Other Reports (Pls specify): \_\_\_\_\_ Certifications on ESPRESSIF official website. (官网上认证证书)



|   |     |                     |                       |
|---|-----|---------------------|-----------------------|
| 变更人/Change Owner:<br>黄建   |     | 签名/Signature:<br>黄建 | 日期/Date:<br>2018.5.10 |
| Approved By<br>批准人  |     |                     |                       |
| Technical Support   | 栾春涛 | Signature: 栾春涛      | Date: 2018.5.10.      |
| R&D Digital Team  | 符运生 | Signature: 符运生      | Date: 2018.5.10       |
| R&D Hardware  | 王栋  | Signature: 王栋       | Date: 2018/05/10      |
| QA  | 林春花 | Signature: 林春花 (代)  | Date: 2018/5/10       |
| Sales Manager   | 易雨皓 | Signature: 易雨皓      | Date: 2018/05/10      |
| Purchasing Manager  | 吴柏均 | Signature: 吴柏均      | Date: 2018/5/10.      |
| Marketing Manager   | 王珏  | Signature: 王珏       | Date: 2018/5/10.      |
| CEO   | 张瑞安 | Signature: 张瑞安      | Date: 2018/5/10       |
| 如果无需相关人员批准，请在相应栏位填写“N/A”。<br>Input "N/A" in column(s) where approval is not required.   |     |                     |                       |
| 注：以上信息由 Espressif 填写。<br>Note: The information above shall be filled in by Espressif.   |     |                     |                       |
| <b>客户响应要求/Customer Response Requirements:</b>   |     |                     |                       |
| 客户须按照如下要求给予 Espressif PCN 反馈：<br>Customers are required to respond to Espressif according to the following guidelines to confirm receipt of the PCN:  |     |                     |                       |
| <b>主要变更/For Major Changes:</b>  |     |                     |                       |
| a) 客户须在接收到 PCN 后的 30 天内告知已收到 PCN。<br>a) Customers should acknowledge receipt of the PCN within 30 calendar days from the date of receiving the PCN.   |     |                     |                       |
| b) 如客户未在接收到 PCN 后的 30 天内告知已收到，则视为客户接受变更。<br>b) Lack of acknowledgment of the PCN within 30 calendar days constitutes acceptance of the proposed changes.  |     |                     |                       |
| c) 客户告知确认收到 PCN 后，如未在 90 天内反馈其他要求，则视为客户接受变更。<br>c) After customers acknowledge receipt of the PCN, lack of additional response on their part within 90 calendar days constitutes acceptance of the changes. |     |                     |                       |
| <b>轻微变更/For Minor Changes:</b>  |     |                     |                       |
| a) 如客户未在接收到 PCN 后的 7 天内告知已收到，则视为客户接受变更。<br>a) Lack of acknowledgement of the PCN within 7 calendar days constitutes acceptance of the changes.  |     |                     |                       |
| 请反馈至 <a href="mailto:pcn@espressif.com">pcn@espressif.com</a> 。<br>Please feedback to <a href="mailto:pcn@espressif.com">pcn@espressif.com</a> .  |     |                     |                       |



注：以下信息由客户或 Espressif 销售与客户服务部门填写。

Note: The information below shall be filled in by customers or Espressif's sales department.

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 Study Result:  批准/Approval  不批准/Disapproval  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: