

文件编号 Document No.	ESP-00-2-007-03	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	1.1	保存期限 Retention Period	3 年 3 years

ESP32 系列产品规格书变更 Updating the Datasheets of the ESP32 Series of Products			
PCN 编号 PCN No.	PCN-03-20190121	提出日期 Issue Date of PCN	2019-01-21
产品名称 Product Name	ESP32 Chips and Modules (See below)	变更日期 Proposed Date of Change	2019-01-21
封装类型/尺寸 Package Type/Size	ESP32 Chip/Module	首次出货日期 Proposed Date of First Shipment	2019-01-21
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/Classification of Change: ☐ 主要变更/Major ☒ 轻微变更/Minor			
<u>变更原因/Reason for Change:</u> 所有传输功率超过 10 dBm 的芯片或模组在进行蓝牙 CE 认证时必须通过 BT Adaptivity 测试。目前, ESP32 系列芯片与模组无法支持 BT Adaptivity 认证, 因此将最大传输功率从 12 dBm 降至 9 dBm。为了反映此变化, 相关芯片与模组的技术规格书进行了修改。 All radio products (chips and modules) with more than 10 dBm of TX power are required to pass the BT Adaptivity test to obtain a CE certificate. However, the ESP32 series of chips and modules cannot undergo the BT Adaptivity test at this stage. Thus, we have lowered the maximum TX power of the ESP32 series of chips and modules from 12 dBm to 9 dBm. Therefore, the datasheets of these chips and modules have been updated to reflect this change.			
<u>变更描述/Description of Change:</u>			
<u>变更影响/Impact of Change:</u> ESP32 系列产品规格书修改: 技术规格书中的 BT/BLE 传输功率范围由 -12 dBm~ +12 dBm 改为 -12 dBm~ +9 dBm。 Revised datasheets of the ESP32 series of chips and modules: the BT/BLE TX Power Range described in these datasheets has been updated from -12 dBm ~ +12 dBm to -12 dBm ~ +9 dBm.			
<u>影响产品/Impacted Products:</u> - ESP32-WROOM-32 - ESP32-WROOM-32D - ESP32-WROOM-32U - ESP32-SOLO-1			

- ESP32-WROOM-32DC
- ESP32-WROOM-32UC
- ESP32-SOLO-1C
- ESP32-WROVER
- ESP32-WROVER-B
- ESP32-WROVER-BC
- ESP32-PICO-D4
- ESP32-D0WD
- ESP32-S0WD
- ESP32-D0WDQ6
- ESP32-D2WD

变更识别方式/ Change Identification Method:

- 变更前：技术规格书中的 BT/BLE 传输功率范围为-12 dBm ~ +12 dBm
Before change: BT/BLE TX Power Range in the respective datasheets was -12 dBm~ +12 dBm
- 变更后：技术规格书中的 BT/BLE 传输功率范围为 -12 dBm ~ +9 dBm
After change: BT/BLE TX Power Range in the respective datasheets is -12 dBm ~ +9 dBm now.

变更前后产品处理/:How to Deal with Products:

不影响/No need for action by the customer

相关报告/Report(s) Attached:

- ☒Related ECN No.: ECN-02-20190115
- ☐Reliability Report or Plan: _____
- ☐Function Test Report: _____
- ☐RoHS/HF Test Report: _____
- ☐Other Reports (Pls specify): _____

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

客户须按照如下要求给予 Espressif PCN 反馈：

Customers are required to respond to Espressif, according to the following guidelines, and confirm receipt of the

PCN:

主要变更/For Major Changes:

- a) 客户须在乐鑫发出 PCN 后的 30 天内告知已收到 PCN。

Customers should confirm receipt of the PCN within 30 calendar days from the date Espressif sends it to them.

- 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。

If customers do not confirm receipt of the PCN within 30 calendar days, they will be regarded as having accepted 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。

After the customers confirm receipt of the PCN, the lack of any additional responses on their part within 90 calendar days constitutes acceptance of the proposed changes.

轻微变更/For Minor Changes:

- 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。

If customers do not confirm receipt of the PCN within 7 calendar days, they will be regarded as having accepted the proposed changes.

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:

☐ 批准/Approval

PCN 评审结果/PCN Review Result:

☐ 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: