

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

乐鑫模组屏蔽盖丝印标识变更
Shield Cover Marking Change for ESP Modules

PCN 编号 PCN No.	PCN20240301	提出日期 Issue Date of PCN	2024/03/28
变更日期 Proposed Date of Change	2024/04/15	预计变更后产品首次出货日期 Proposed Date of First Shipment After Change	2024/04/30
PCN 类型 / PCN Category	<input type="checkbox"/> 客户需要批准 / Customer Approval Required <input checked="" type="checkbox"/> 客户通知 / Customer Notification		

1. 影响产品名称 / Affected Product Name






产品名称 / Product Name	MPN
ESP32-PICO-MINI-02	ESP32-PICO-MINI-02-N8R2
ESP32-S2-WROOM	ESP32-S2-WROOM-N4
	ESP32-S2-WROOM-H4
	ESP32-S2-WROOM-N8
	ESP32-S2-WROOM-N16
ESP32-S2-MINI-2	ESP32-S2-MINI-2-N4
	ESP32-S2-MINI-2-H4
	ESP32-S2-MINI-2-N4R2
ESP32-S2-MINI-2U	ESP32-S2-MINI-2U-N4
	ESP32-S2-MINI-2U-H4
	ESP32-S2-MINI-2U-N4R2
ESP32-C3-WROOM-02	ESP32-C3-WROOM-02-N4
	ESP32-C3-WROOM-02-N8
	ESP32-C3-WROOM-02-N16
	ESP32-C3-WROOM-02-H4
ESP32-C3-WROOM-02U	ESP32-C3-WROOM-02U-N4
	ESP32-C3-WROOM-02U-N8
	ESP32-C3-WROOM-02U-N16
	ESP32-C3-WROOM-02U-H4
ESP32-C3-MINI-1U	ESP32-C3-MINI-1U-N4
	ESP32-C3-MINI-1U-H4
ESP32-S3-MINI-1	ESP32-S3-MINI-1-N8
	ESP32-S3-MINI-1-H4R2
	ESP32-S3-MINI-1-N4R2
ESP8684-MINI-1	ESP8684-MINI-1-H2
	ESP8684-MINI-1-H4
ESP32-C6-WROOM-1	ESP32-C6-WROOM-1-N4

	ESP32-C6-WROOM-1-H4	
	ESP32-C6-WROOM-1-N8	
	ESP32-C6-WROOM-1-N16	
ESP32-H2-MINI-1	ESP32-H2-MINI-1-H2	
	ESP32-H2-MINI-1-H4	
	ESP32-H2-MINI-1-N2	
	ESP32-H2-MINI-1-N4	
<p>2. 变更原因/ Reason for Change 为了更好地匹配认证要求, 乐鑫对段落 1 列出的产品的丝印做出调整以符合目前取得的无线认证要求。 To better meet the latest certification requirements, Espressif will update the marking of shield cover for the modules list in Para1.</p>		
<p>3. 变更描述/ Description of Change 更新段落 1 列出产品屏蔽盖上的丝印标识。 Update shield cover markings of products list in Para1.</p> <ul style="list-style-type: none"> ● ESP32-PICO-MINI-02 add IC/NCC/KCC/TELEC ● ESP32-S2-WROOM add IC/NCC ● ESP32-S2-MINI-2 add IC/NCC/KCC/TELEC ● ESP32-S2-MINI-2U add KCC ● ESP32-C3-WROOM-02 add TELEC/KCC ● ESP32-C3-WROOM-02U add FCC/TELEC/KCC ● ESP32-C3-MINI-1U add NCC/KCC/TELEC ● ESP32-S3-MINI-1 add KCC ● ESP8684-MINI-1 add NCC/TELEC ● ESP32-C6-WROOM-1 add KCC/TELEC ● ESP32-H2-MINI-1 add TELEC 		
<p>4. 变更对比/ Change Comparison 请见附录 I: 变更对比。 Please refer to Appendix I: Change comparison.</p>		
<p>5. 变更影响/ Impact of Change</p> <ol style="list-style-type: none"> 1) 品质和性能/ Quality & Performance: 不影响/ No impact 2) 交期/ Delivery: 不影响/ No impact 3) 生产料号/ Material Part Numbers (MPN): 不影响/ No impact 4) 软件/ Software: 不影响/ No impact 5) 认证/ Certification: 本次丝印变更为匹配段落 1 列出产品的当前认证情况。 The update shield cover marking has been changed to match the current certification status of the products listed in paragraph 1. 		
<p>6. 变更前后产品处理/ How to Deal with Products FIFO</p>		
<p>7. 相关报告/ Related Report(s): <input checked="" type="checkbox"/> Certification</p>		



Appendix I 变更对比/ Change Comparison

1.ESP32-PICO-MINI-02 add IC/NCC/KCC/TELEC	
Before Change	After Change
<div style="text-align: center;">  ESPRESSIF ESP32-PICO-MINI-02  FCC ID : 2AC7Z-ESPPICOMINI CMIIT ID: 2021DP1369 乐鑫信息科技（上海） 股份有限公司 XXXXXX  </div>	<div style="text-align: center;">  ESPRESSIF ESP32-PICO-MINI-02    CCAF23Y10230T3   020-230400 FCC ID : 2AC7Z-ESPPICOMINI IC: 21098-ESPPICOMINI CMIIT ID: 2021DP1369 乐鑫信息科技（上海） 股份有限公司 XXXXXX  </div>
2.ESP32-S2-WROOM add IC/NCC	
Before Change	After Change
<div style="text-align: center;">  ESPRESSIF ESP32-S2-WROOM  FCC ID: 2AC7Z-ESP32S2WROOM CMIIT ID: 2020DP3099 乐鑫信息科技（上海） 股份有限公司 XXXXXX  </div>	<div style="text-align: center;">  ESPRESSIF ESP32-S2-WROOM   CCAF22Y10360T8 FCC ID: 2AC7Z-ESP32S2WROOM IC : 21098-ESPS2WROOM CMIIT ID: 2020DP3099 乐鑫信息科技（上海） 股份有限公司 XXXXXX  </div>









3.ESP32-S2-MINI-2 add IC/NCC/KCC/TELEC

Before Change	After Change
 <p>ESPRESSIF ESP32-S2-MINI-2</p> <p>CE</p> <p>FCC ID : 2AC7Z-ESPS2MINI2 CMIIT ID:</p> <p>乐鑫信息科技（上海） 股份有限公司</p> <p>XXXXXX</p>	 <p>ESPRESSIF ESP32-S2-MINI-2</p> <p>CE   R 020-230312  CCAF23Y10180T1</p> <p>FCC ID : 2AC7Z-ESPS2MINI2 CMIIT ID: 2023DP20201 IC: 21098-ESPS2MINI2</p> <p>乐鑫信息科技（上海） 股份有限公司</p> <p>XXXXXX</p>









4.ESP32-S2-MINI-2U add KCC

Before Change	After Change
 <p>ESPRESSIF ESP32-S2-MINI-2U</p> <p>CE</p> <p>FCC ID: 2AC7Z-ESPS2MINI2U CMIIT ID :</p> <p>乐鑫信息科技(上海) 股份有限公司</p> <p>XXXXXX</p>	 <p>ESPRESSIF ESP32-S2-MINI-2U</p> <p>CE </p> <p>FCC ID: 2AC7Z-ESPS2MINI2U CMIIT ID :</p> <p>乐鑫信息科技(上海) 股份有限公司</p> <p>XXXXXX</p>










5.ESP32-C3-WROOM-02 add TELEC/KCC

Before Change	After Change
 ESPRESSIF ESP32-C3-WROOM-02  FCC ID : 2AC7Z-ESPC3WROOM IC : 21098-ESPC3WROOM CMIIT ID : 2021DP3225 乐鑫信息科技（上海） 股份有限公司 XXXXXX 	 ESPRESSIF ESP32-C3-WROOM-02    R 201-220555 R-C-es5-ESP32C3WROOM02 FCC ID : 2AC7Z-ESPC3WROOM IC : 21098-ESPC3WROOM CMIIT ID : 2021DP3225 乐鑫信息科技（上海） 股份有限公司 XXXXXX 










6.ESP32-C3-WROOM-02U add FCC/TELEC/KCC

Before Change	After Change
 ESPRESSIF ESP32-C3-WROOM-02U  CMIIT ID : 2021DP15723(M) 乐鑫信息科技(上海) 股份有限公司 XXXXXX 	 ESPRESSIF ESP32-C3-WROOM-02U    R 020-230429 FCC ID: 2AC7Z-ESPC3WROOMU CMIIT ID : 2021DP15723(M) 乐鑫信息科技(上海) 股份有限公司 XXXXXX 



7.ESP32-C3-MINI-1U add NCC/KCC/TELEC

Before Change	After Change
 ESPRESSIF ESP32-C3-MINI-1U  FCC ID: 2AC7Z-ESPC3MINII IC : 21098-ESPC3MINII CMIIT ID : 2021DP16166(M) 乐鑫信息科技(上海) 股份有限公司 XXXXXX 	 ESPRESSIF ESP32-C3-MINI-1U    CCAF23Y10070T7  R 201-230074 FCC ID: 2AC7Z-ESPC3MINII IC : 21098-ESPC3MINII CMIIT ID : 2021DP16166(M) 乐鑫信息科技(上海) 股份有限公司 XXXXXX 

8.ESP32-S3-MINI-1 add KCC

Before Change	After Change
 ESPRESSIF ESP32-S3-MINI-1   R 201-230385 FCC ID:2AC7Z-ESPS3MINI1 IC:21098-ESPS3MINI1 CMIIT ID : 2022DP6085 乐鑫信息科技(上海) 股份有限公司 XXXXXX 	 ESPRESSIF ESP32-S3-MINI-1   R 201-230385  FCC ID:2AC7Z-ESPS3MINI1 IC:21098-ESPS3MINI1 CMIIT ID : 2022DP6085 乐鑫信息科技(上海) 股份有限公司 XXXXXX 

9.ESP8684-MINI-1 add NCC/TELEC

Before Change	After Change
 <p>ESPRESSIF ESP8684-MINI-1</p> <p>CE</p> <p>FCC ID : 2AC7Z-ESP8684M1 IC ID : 21098-ESP8684M1 CMIIT ID:2023DP8132 乐鑫信息科技（上海） 股份有限公司 XXXXXX</p>	 <p>ESPRESSIF ESP8684-MINI-1</p> <p>CE</p> <p>CCAF23Y10240T6 R 201-230574</p> <p>FCC ID : 2AC7Z-ESP8684M1 IC : 21098-ESP8684M1 CMIIT ID:2023DP8132 乐鑫信息科技（上海） 股份有限公司 XXXXXX</p>

10. ESP32-C6-WROOM-1 add KCC/TELEC

Before Change	After Change
 <p>ESPRESSIF ESP32-C6-WROOM-1</p> <p>CE</p> <p>FCC ID: 2AC7Z-ESPC6WROOM1 IC ID: 21098-ESPC6WROOM1 CMIIT ID: 乐鑫信息科技（上海） 股份有限公司 XXXXXX</p>	 <p>ESPRESSIF ESP32-C6-WROOM-1</p> <p>CE</p> <p>R-C-es5-ESP32C6WROOM1</p> <p>R 007-AM0211</p> <p>FCC ID: 2AC7Z-ESPC6WROOM1 IC ID: 21098-ESPC6WROOM1 CMIIT ID: 乐鑫信息科技（上海） 股份有限公司 XXXXXX</p>

11.ESP32-H2-MINI-1 add TELEC

Before Change	After Change
<div style="text-align: center;">  ESPRESSIF ESP32-H2-MINI-1 CE FCC ID: 2AC7Z-ESPH2MINI1 IC: 21098-ESPH2MINI1 CMIIT ID: 乐鑫信息科技（上海） 股份有限公司 XXXXXX </div> <div style="text-align: right; margin-top: 20px;">  </div>	<div style="text-align: center;">  ESPRESSIF ESP32-H2-MINI-1 CE  020-230332 FCC ID: 2AC7Z-ESPH2MINI1 IC: 21098-ESPH2MINI1 CMIIT ID: 乐鑫信息科技（上海） 股份有限公司 XXXXXX </div> <div style="text-align: right; margin-top: 20px;">  </div>

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: