




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)
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<b>变更乐鑫模组屏蔽盖丝印标识</b> <b>Shield Cover Marking Change for Espressif Modules</b>			
PCN 编号 PCN No.	PCN-2021-028	提出日期 Issue Date of PCN	2021/11/15
变更日期 Proposed Date of Change	2021/11/30	首次出货日期 Proposed Date of First Shipment	2021/12/15
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		
<b>1. 影响产品名称/Affected Product Name</b> ESP32-WROOM-32E / ESP32-WROVER-B / ESP32-WROVER-IB / ESP32-WROOM-32			
<b>2. 变更原因/Reason for Change</b> 为了更好的匹配认证要求，乐鑫对段落 1 列出的模组的通用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 updated the marking of shield cover for the modules listed in Para 1.			
<b>3. 变更描述/Description of Change</b> 更新段落 1 列出的模组屏蔽盖上的丝印标签。 / Update shield cover markings of the modules list in Para 1.			
<b>4. 变更对比/Change Comparison</b> 请见附录 I：变更对比。 / Please refer to Appendix I: Change comparison.			
<b>5. 变更影响/Impact of Change</b> <ol style="list-style-type: none"> <li>1) 品质和性能/Quality &amp; Performance: 无影响 / No impact</li> <li>2) 交期/Delivery: 无影响 / No impact</li> <li>3) 生产料号/Material Part Numbers (MPN):                无需对段落 1 列出模组产品的 MPN 做出变更。客户可以用原有的 MPN 下单。                There is no change to the MPN of the affected Espressif modules listed in para 1. Customers can continue to use existing MPN to place orders.             </li> <li>4) 认证/Certification:                段落 1 列出模组的认证更新。                The certifications have updated for the affected modules listed in Para 1.             </li> </ol>			
<b>6. 变更前后产品处理/How to Deal with Products</b> FIFO			
<b>7. 相关报告/Report(s) Attached</b>			
<input checked="" type="checkbox"/> Related ECN No.	ECN-2021-036		
<input checked="" type="checkbox"/> Certification	<a href="https://www.espressif.com/en/support/documents/certificates">https://www.espressif.com/en/support/documents/certificates</a>		












## Appendix I 变更对比/Change Comparison

1. ESP32-WROOM-32E add NCC ID	
Before Change	After Change
 <p><b>ESPRESSIF</b></p> <p>ESP32-WROOM-32E</p> <p>CE  217-204070</p> <p> R-C-es5-ESP32WROOM32E</p> <p>FCC ID: 2AC7Z-ESP32WROOM32E IC ID: 21098-ESPWROOM32E CMIIT ID: 2020DP2713</p> <p>乐鑫信息科技（上海） 股份有限公司</p> <p>XXXXXX </p>	 <p><b>ESPRESSIF</b></p> <p>ESP32-WROOM-32E</p> <p>CE  217-204070</p> <p> R-C-es5-ESP32WROOM32E  CCAK21Y10020T0</p> <p>FCC ID: 2AC7Z-ESP32WROOM32E IC ID: 21098-ESPWROOM32E CMIIT ID: 2020DP2713</p> <p>乐鑫信息科技（上海） 股份有限公司</p> <p>XXXXXX </p>
2. ESP32-WROVER-B updated KCC ID	
Before Change	After Change
<p>ESPRESSIF</p> <p>ESP32-WROVER-B</p> <p> CCAP18LP0920T2  211-180419</p> <p>CE  R-CRM-es5-ESP32WROVERB</p> <p>FCC ID:2AC7Z-ESP32WROVERB IC:21098-ESPWROVERB CMIIT ID: 2018DP3125</p> <p>乐鑫信息科技（上海） 股份有限公司</p> <p>XXXXXX </p>	<p>ESPRESSIF</p> <p>ESP32-WROVER-B</p> <p> CCAP18LP0920T2  211-180419</p> <p>CE  R-C-ldk-WB24DVB</p> <p>FCC ID:2AC7Z-ESP32WROVERB IC:21098-ESPWROVERB CMIIT ID: 2018DP3125</p> <p>乐鑫信息科技（上海） 股份有限公司</p> <p>XXXXXX </p>

### 3. ESP32-WROVER-IB updated KCC ID

Before Change	After Change
<p>ESPRESSIF ESP32-WROVER-IB</p> <p>   </p> <p>   R-CRM-es5-ESP32WROVERB </p> <p>FCC ID:2AC7Z-ESP32WROVERB IC:21098-ESPWROVERB CMIIT ID: 2019DP1304 (M)</p> <p>乐鑫信息科技（上海） 股份有限公司 XXXXXX</p> 	<p>ESPRESSIF ESP32-WROVER-IB</p> <p>   </p> <p>   R-C-ldk-WB24DVB </p> <p>FCC ID:2AC7Z-ESP32WROVERB IC:21098-ESPWROVERB CMIIT ID: 2019DP1304 (M)</p> <p>乐鑫信息科技（上海） 股份有限公司 XXXXXX</p> 

### 4. ESP32-WROOM-32 cancel KCC ID

Before Change	After Change
<p>ESPRESSIF ESP32-WROOM-32</p> <p>    </p> <p>  R-C-Esy-ESPWROOM32  </p> <p>FCC ID:2AC7Z-ESPWROOM32 IC:21098-ESPWROOM32 CMIIT ID:2018DP2463</p> <p>乐鑫信息科技（上海） 股份有限公司 XXXXXX</p> 	<p>ESPRESSIF ESP32-WROOM-32</p> <p>   </p> <p>   </p> <p>FCC ID:2AC7Z-ESPWROOM32 IC:21098-ESPWROOM32 CMIIT ID:2018DP2463</p> <p>乐鑫信息科技（上海） 股份有限公司 XXXXXX</p> 

注/Remark:

图中红框仅为变更示意，最终产品丝印不显示。

The red circle is only a signal of change and will not showed on final product laser marking.

**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 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](mailto:pcn@espressif.com)。

Please send feedback to [pcn@espressif.com](mailto: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: