



乐鑫科技（上海）有限公司
Espressif Systems (Shanghai) Pte., Ltd.

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

变更标题/Change Title: 模组包装管理规范更新

PCN 编号 PCN No.	P201802061	提出日期 Issue Date of PCN	2018/02/06
产品名称 Product Name	ESP-WROOM-32 ESP32-WROVER ESP32-WROVER-I ESP-WROOM-02 ESP-WROOM-02D ESP-WROOM-S2 ESP8089M16 ESP-WROOM-02U ESP32-WROOM-32D ESP32-WROOM-32U 等全系列乐鑫产品	变更日期 Proposed Date of Change	2018/02/07
封装类型/尺寸 Package Type/Size	Module	首次出货日期 Proposed Date of First Shipment	2018/03/01

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:

- 1) 改善乐鑫产品物料追溯, 物料标识卡增加二维码以方便 SAP 系统管控。

In order to continue improve the modules' traceability, add QR code on Batch Ticket Label according to SAP requirement.

- 2) 为提升产品外观标签的辨识度, 将原标签字体型号调整增大。

Adjust current text size to lager one so as to improve the visibility of tab.



变更描述/Description of Change:

当前状况/Current State:

模组包装管理规范_V01

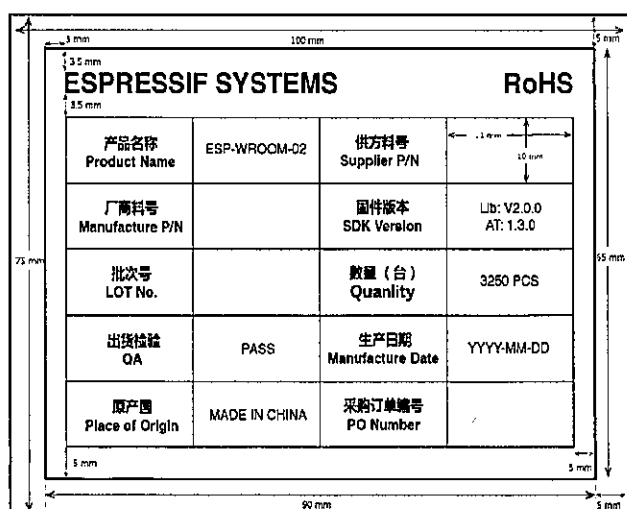
变更内容/Proposed Change:

模组包装管理规范_V02

变更对比/Comparison:

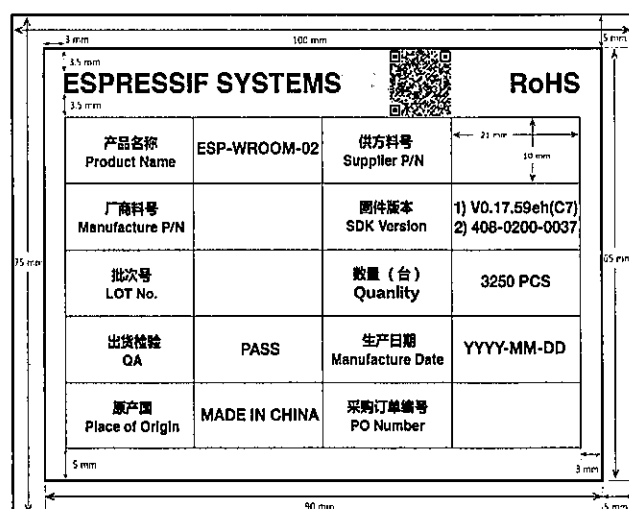
变更前/Before Change

- 1.物料标识卡无二维码。
No QR code label
2. 内容字体为：Helvetica Regular，6号
Contents text：Helvetica Regular，size 6



变更后/After Change

- 1.增加二维码，并定义二维码规则：
Add QR code on Batch Ticket Label and define the details of QR code.
- 2.尺寸:10mm*10mm
Size: 10mm*10mm
- 3.内容字体更新为：Helvetica Neue；大小：7，Bold
Contents text change to：Helvetica Neue，size 7，Bold
- 4.样式：
Sample





3. 合格证变更前:

Before change:

合格证			
机型:	ESP-WROOM-02		
状态:	PASS		
数量:	650 PCS	QA:	
日期:	2017-09-27		

3. 合格证变更后:

After change:

合格证			
机型:	ESP-WROOM-02		
状态:	PASS		
数量:	650 PCS	QA:	
日期:	2017-09-27		

变更影响/Impact of Change:

影响产品外观 Impact appearance.

变更识别方式/Method of Identifying Change:

产品外观可见 VMI inspection.

变更前后产品处理/How to deal with products:

N/A

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

FunctionTest Report: N/A

Other Reports (Pls specify): N/A

变更人/Change Owner:

林春花

签名/Signature:

林春花

日期/Date:

20180206



Approved By 批准人			
Technical Support	栾春涛	Signature:	Date: 2018.2.6
	戴玮	Signature:	Date: 2018.2.6
R&D Digital Team	符运生	Signature:	Date: 2018.2.6
R&D Hardware	王栋	Signature:	Date: 2018.2.6
NPI	黄建	Signature:	Date: 2018.2.7
Module Quality	林春花	Signature:	Date: 2018.2.6
Sales Manager	易雨皓	Signature:	Date: 2018.2.6
Purchasing Manager	吴柏均	Signature:	Date: 2018.2.6
CEO	张瑞安	Signature:	Date: 2018.2.7

如果无需相关人员批准，请在相应栏位填写“N/A”。
Input "N/A" in column(s) where approval is not required.

注：以上信息由 Espressif 填写。
Note: The information above shall be filled in by Espressif.

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 to confirm receipt of the PCN:

主要变更/For Major Changes:

- a) 客户须在接收到 PCN 后的 30 天内告知已收到 PCN。
- 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。
- 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。
- c) After customers acknowledge receipt of the PCN, lack of additional response on their part within 90 calendar days constitutes acceptance of the 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。
- a) Lack of acknowledgement of the PCN within 7 calendar days constitutes acceptance of the changes.

请反馈至 pcn@espressif.com。
Please feedback to pcn@espressif.com.



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: