

文件编号 Document No.	PCN-AXK20210312-01	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	中文/A1	保存期限 Retention Period	3 年 3 years

主题：关于 NodeMCU-32 去掉模组上的 IPEX 天线座子的变更通知函

Main Topic:

PCN 编号 PCN No.	AXK20210312-01	提出日期 Issue Date of PCN	2021-1-11
产品名称 Product Name	WIFI 开发板 NodeMCU-32	变更日期 Proposed Date of Change	2021-1-11
封装类型 Package Type	模组开发板 Module	首次出货日期 Proposed Date of First Shipment	2021-1-11

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

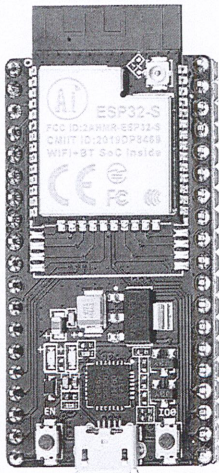
变更原因/Reason for Change:

NodeMCU-32_V1.3 上使用的 WiFi 模组 ESP32-S, 天线有板载天线和 IPEX 外接天线两种选择, 为用户使用方便, 我司一直使用板载天线出货。在使用板载天线时, IPEX 座子并未用到, 而闲置的 IPEX 座子会造成射频微带线产生冗余的接头, 可能会对射频性能造成影响。因此现统一变更, 去掉模组上闲置的 IPEX 座子。

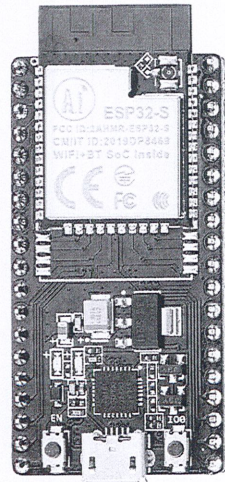
变更描述/Description of Change: 去掉 WIFI 模组上闲置的 IPEX 天线座子

变更前图片/Before change picture

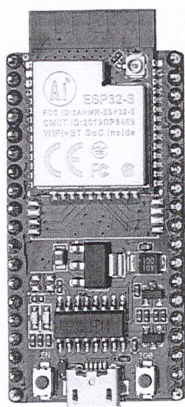
变更后图片/After change picture



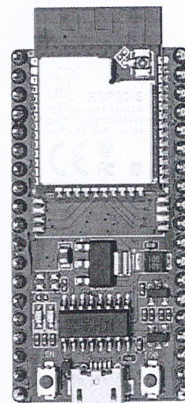
NodeMCU32-V1.2 变更前



NodeMCU32-V1.2 变更后



NodeMCU32-V1.3 变更前



NodeMCU32-V1.3 变更后

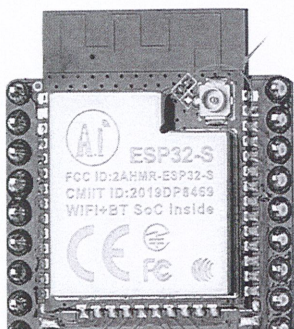
变更影响/Impact of Change:

对产品正常使用无影响, 仅排除射频性能潜在影响

变更识别方式/ Change Identification Method:

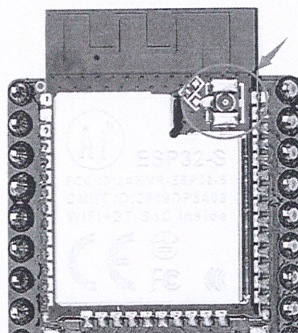
变更前: 天线位置处有 IPEX 座子

Before change:



变更后: 天线位置处无 IPEX 座子

After change:



变更前后产品处理/:How to Deal with Products:

FIFO

变更人/Change Owner: 关宁

签名/Signature:

日期/Date: 2021-1-11

Ai-thinker 批准人/Approved By

如果无需相关人员批准, 请在相应栏位上填写 "N/A"

Input "N/A" in column(s) where approval is not required

产品技术中心:

Product Technology Center:

徐付强

 签名: 徐付强
 Signature:

日期: 2021-1-11

Date:

交付中心:

Delivery Center:

薛由道

 签名: N/A 薛由道
 Signature:

日期: 2021-1-11

Date:

销售:

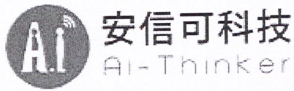
Sales:

白皓

 签名: 白皓
 Signature:

日期: 2021-1-11

Date:



备注：以上信息由 Ai-thinker 填写
 Note:The information above shall be filled in by Ai-thinker

客户响应要求

Customer Response Requirements

客户须按照如下要求给 Ai-thinker PCN 反馈

Customers are required to respond to Ai-thinker, according to the following guidelines, and confirm receipt of the PCN:

主要变更/For Major Changes

a) 客户必须在安信可发出 PCN 后 7 天内告知已收到 PCN。

Customers should confirm receipt of the PCN within 7 calendar days from the date Ai-thinker sends it to them.

b) 如客户为在接收到 PCN 后 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.

c) 客户告知确认收到 PCN 后，如未在 7 天反馈其他要求，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 7 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 3 天告知已收到，则视为客户接受变更。

a) If customers do not confirm receipt of the PCN within 3 calendar days, they will be regarded as having accepted the proposed changes.

请反馈至 support@aithinker.com

Please send feedback to support@aithinker.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/Approval
 不批准/Disapproval
 需要分析/Further Analysis Required

客户意见/Comment:

公司代表姓名:

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: