



## Product Change Notification: SYST-02BLOA885

---

**Date:**

07-Jul-2025

**Product Category:**

Photoelectric/Ionization Smoke Detector

**Notification Subject:**

Data Sheet - RE46C121 - CMOS Ionization Smoke Detector ASIC with Interconnect

**Affected CPNs:**

[SYST-02BLOA885\\_Affected\\_CPN\\_07072025.pdf](#)

[SYST-02BLOA885\\_Affected\\_CPN\\_07072025.csv](#)

**Notification Text:**

SYST-02BLOA885

Microchip has released a new Datasheet for the RE46C121 - CMOS Ionization Smoke Detector ASIC with Interconnect of devices. If you are using one of these devices please read the document located at [RE46C121 - CMOS Ionization Smoke Detector ASIC with Interconnect](#).

**Notification Status:** Final

**Description of Change:**

Removed mentions of Underwriters Laboratory Specifications UL217 and UL268. Updated Functional Block Diagram and Typical Application. Updated Figure 3-1. Added Section 2.0, "Pin Description". Updated Section 3.0, "Device Description". Added Section 4.0, "Packaging Information". Added Product Identification System section.

**Impacts to Data Sheet:** See above details

**Reason for Change:** To improve productivity

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 07 Jul 2025

**NOTE:** Please be advised that this is a change to the document only the product has not been changed.

**Markings to Distinguish Revised from Unrevised Devices:** N/A

## **Attachments:**

### **RE46C121 - CMOS Ionization Smoke Detector ASIC with Interconnect**

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

## **Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from