



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.

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