Product Change Notification: SYST-01QBLG718

Date:

13-Oct-2025

Product Category:

Photoelectric/Ionization Smoke Detector

Notification Subject:

Data Sheet - RE46C143 - CMOS Photoelectric Smoke Detector ASIC with Interconnect

Affected CPNs:

SYST-01QBLG718_Affected_CPN_10132025.pdf
SYST-01QBLG718_Affected_CPN_10132025.csv

Notification Text:

SYST-01QBLG718
Microchip has released a new Datasheet for the RE46C143 - CMOS Photoelectric Smoke Detector ASIC with Interconnect of devices. If you are using one of these devices please read the document located at **RE46C143 - CMOS Photoelectric 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 iamges. 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: 13 Oct 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:

RE46C143 - CMOS Photoelectric Smoke Detector ASIC with Interconnect

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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