Product Change Notification: SYST-05DUAY029

Date:

07-Aug-2025

Product Category:

Photoelectric/Ionization Smoke Detector

Notification Subject:

Data Sheet - RE46C140 - CMOS Photoelectric Smoke Detector ASIC with Interconnect and Timer Mode

Affected CPNs:

SYST-05DUAY029_Affected_CPN_08072025.pdf
SYST-05DUAY029_Affected_CPN_08072025.csv

Notification Text:

SYST-05DUAY029
Microchip has released a new Datasheet for the RE46C140 - CMOS Photoelectric Smoke Detector ASIC with Interconnect and Timer Mode of devices. If you are using one of these devices please read the document located at **RE46C140 - CMOS Photoelectric Smoke Detector ASIC with Interconnect and Timer Mode**. **Notification Status:** Final **Description of Change:** Removed mentions of Underwriters Laboratory Specifications UL217 and UL268. Updated Functional Block Diagram and Typical Application. Fixed issues with footnotes for Table 1-1 and Table 1-2. Also set I/O information apart in its own subsection within Table 1-2. Added Section 2.0, "Pin Description". Updated Section 3.0, "Device Description". Updated Figure 3-1. Updated Section 3.4. 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 Aug 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:

RE46C140 - CMOS Photoelectric Smoke Detector ASIC with Interconnect and Timer Mode

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

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