



Product Change Notification: SYST-01EVHG671

Date:

02-Oct-2025

Product Category:

Photoelectric/Ionization Smoke Detector

Notification Subject:

Data Sheet - RE46C141 - CMOS Photoelectric Smoke Detector ASIC with Interconnect

Affected CPNs:

[SYST-01EVHG671_Affected_CPN_10022025.pdf](#)

[SYST-01EVHG671_Affected_CPN_10022025.csv](#)

Notification Text:

SYST-01EVHG671

Microchip has released a new Datasheet for the RE46C141 - CMOS Photoelectric Smoke Detector ASIC with Interconnect of devices. If you are using one of these devices please read the document located at [RE46C141 - 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 images. 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: 02 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:

RE46C141 - 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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