



Product Change Notification: SYST-01CTOQ370

Date:

03-Apr-2025

Product Category:

Crypto Authentication

Notification Subject:

Data Sheet - SHA104 CryptoAuthentication Summary Data Sheet

Affected CPNs:

[SYST-01CTOQ370_Affected_CPN_04032025.pdf](#)

[SYST-01CTOQ370_Affected_CPN_04032025.csv](#)

Notification Text:

SYST-01CTOQ370
<p>Microchip has released a new Datasheet for the SHA104 CryptoAuthentication Summary Data Sheet of devices. If you are using one of these devices please read the document located at SHA104 CryptoAuthentication Summary Data Sheet.</p> <p>Notification Status: Final</p> <p>Description of Change: No changes were made to the actual silicon. Changes are only to the data sheet.</p> <ul style="list-style-type: none">• Features<ul style="list-style-type: none">– Corrected UDFN package dimension– Added (NIST Certified) to random number generator bullet.• DC Parameters: All I/O Interfaces:<ul style="list-style-type: none">– Added input thresholds when in Sleep Mode (VILS, VIHs)– Updated Theta-JA values for SOIC, UDFN and 3-lead contact packages• Product Identification System: Product Identification now separate section and not part of Back Matter• Microchip Information: Back Matter simplified per Microchip's new standard <p>Impacts to Data Sheet: See above details.</p>

Description of Change:

No changes were made to the actual silicon. Changes are only to the data sheet.

- Features
 - Corrected UDFN package dimension
 - Added (NIST Certified) to random number generator bullet.
- DC Parameters: All I/O Interfaces:
 - Added input thresholds when in Sleep Mode (VILS, VIHs)
 - Updated Theta-JA values for SOIC, UDFN and 3-lead contact packages
- Product Identification System: Product Identification now separate section and not part of Back Matter
- Microchip Information: Back Matter simplified per Microchip's new standard

Impacts to Data Sheet: See above details.

Reason for Change: To improve productivity.

Change Implementation Status: Complete

Date Document Changes Effective: 03 Apr 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:

SHA104 CryptoAuthentication Summary Data Sheet

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

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