



Product Change Notification: SYST-18VRLF386

Date:

23-Jun-2025

Product Category:

Crypto Authentication

Notification Subject:

Data Sheet - SHA105-TFLXAUTH CryptoAuthentication™ Data Sheet

Affected CPNs:

[SYST-18VRLF386_Affected_CPN_06232025.pdf](#)

[SYST-18VRLF386_Affected_CPN_06232025.csv](#)

Notification Text:

SYST-18VRLF386

Microchip has released a new Datasheet for the SHA105-TFLXAUTH CryptoAuthentication™ Data Sheet of devices. If you are using one of these devices please read the document located at [SHA105-TFLXAUTH CryptoAuthentication™ Data Sheet](#).

Notification Status: Final

Description of Change:

Revision B

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

• Features:

– Added NIST certified information to TRNG bullet.

– Corrected UDFN package dimension.

• Symmetric Keys: Added information on diversified keys.

• Random Number Generator (RNG): Added specification information. Added ESV information.

• DC Parameters: All I/O Interfaces:

– Added input thresholds when in Sleep mode (VILS, VIHS).

– Updated Theta JA values.

• Nonce Command: Removed session key information.

• Hardware Tools: Added CryptoAuth Pro Trust Platform board and MikroElektronika Secure

UDFN/SOIC Click boards.

- 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: 23 Jun 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:

SHA105-TFLXAUTH CryptoAuthentication™ Data Sheet

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

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