



Product Change Notification / RMES-01ZZII751

Date:

07-Dec-2020

Product Category:

Crypto Authentication

PCN Type:

Manufacturing Change

Notification Subject:

Memo # ML112020009P Information Notice: Introduction of new ATECC608B Trust device family available in 8L UDFN and 8L SOIC packages as replacement to an existing ATECC608A Trust device family that are currently available in 8L UDFN and 8L SOIC packages.

Affected CPNs:

[RMES-01ZZII751_Affected_CPN_12072020.pdf](#)
[RMES-01ZZII751_Affected_CPN_12072020.csv](#)

Notification Text:**PCN Status:**

Information notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:

Introduction of new ATECC608B Trust device family available in 8L UDFN and 8L SOIC packages as replacement to an existing ATECC608A Trust device family that are currently available in 8L UDFN and

8L SOIC packages.

Microchip has setup the ATECC608A as “not recommended for new designs” on microchip.com. The newly launched ATECC608B is the recommended solution as it provides a few improvements.

Pre Change:

Device family ATECC608A available in 8L UDFN and 8L SOIC packages

Post Change:

Device family ATECC608B available in 8L UDFN and 8L SOIC packages

Pre and Post Change Summary:

	Pre Change	Post Change
*Affected Device Family	ATECC608A	ATECC608B
Package type	8L UDFN and 8L SOIC	8L UDFN and 8L SOIC
Device Comparison of ATECC608A and ATECC608B	Refer to Application Notes AN2237	

Notes:

1. Production support will continue for all ATECC608A for existing customers.
2. Support available for migration to ATECC608B Trust Flex or Trust Custom.
3. * Refer to attachments section for the list of catalog part numbers with corresponding recommended replacement parts in Affected_CPN list.

Impacts to Data Sheet:

None. Click on below links for updated datasheet:

[ATECC608B CryptoAuthentication Device Summary Data Sheet](#)

[ATECC608B-TNGTLS CryptoAuthentication Data Sheet](#)

[ATECC608B-TFLXTLS CryptoAuthentication™ Data Sheet](#)

Change Impact:

None

Reason for Change:

The ATECC608B provides its users with a chance to implement some enhanced functional security features to improve their overall system security and performance.

Also, the new ATECC608B fixes a bug in the I2C performances present in ATECC608A occurring at low frequency when multiple devices are on the bus. It will improve physical protection against physical attacks.

Change Implementation Status:

In Progress

New products availability date:

December 07, 2020 (date code: 2050)

Time Table Summary:

	December 2020			
Workweek	49	50	51	52
Final PCN Issue Date		X		
Qual Report Availability		X		
Earliest date the new products availability		X		

Method to Identify Change:

Traceability code

Qualification Report:

Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:

December 07, 2020: Issued Information notification. Attached is the qualification report and added new products availability date by December 07, 2020.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_RMES-01ZZII751_Qual_Report.pdf](#)
[PCN_RMES-01ZZII751_Affected_CPN.pdf](#)
[PCN_RMES-01ZZII751_Affected_CPN.xlsx](#)

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