



Product Change Notification / RMES-06TWBE155

Date:

19-Apr-2021

Product Category:

Crypto Authentication

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4641 Initial Notice: Qualification of MMT as an additional assembly site for selected ATSHA204A, ATECC108A, ATECC508A, ATECC608A and ATECC608B device families available in 8L UDFN (2x3x0.6mm) package.

Affected CPNs:

[RMES-06TWBE155_Affected_CPN_04192021.pdf](#)

[RMES-06TWBE155_Affected_CPN_04192021.csv](#)

Notification Text:

PCN Status: Initial notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the files found in the Affected CPNs section.

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

Description of Change: Qualification of MMT as an additional assembly site for selected ATSHA204A, ATECC108A, ATECC508A, ATECC608A and ATECC608B device families available in 8L UDFN (2x3x0.6mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site	ASE Inc. (ASE)	ASE Inc. (ASE)	Microchip Technology Thailand - Branch (MMT)
Wire material	CuPdAu	CuPdAu	CuPdAu
Die attach material	EN-4900G	EN-4900G	8600
Molding compound material	G631H	G631H	G700LTD
Lead frame material	C7025	C7025	EFTEC-64T
DAP Surface Prep	PPF spot plating	PPF spot plating	PPF
Paddle size	73 x 67 mils	73 x 67 mils	79 x 67 mils

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: August 2021

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	April 2021					>	August 2021				
	14	15	16	17	18		32	33	34	35	36
Initial PCN Issue Date				X							
Qual Report Availability							X				
Final PCN Issue Date							X				

Method to Identify Change: Traceability code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: April 19, 2020: Issued initial notification.

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-06TWBE155_Pre and Post Change_Summary.pdf](#)
[PCN_RMES-06TWBE155_Qual_Plan.pdf](#)

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

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATSHA204A-MAHDA-T
ATSHA204A-MAHCZ-T
ATSHA204A-MAHDA-S
ATSHA204A-MAHCZ-S
ATECC108A-MAHDA-T
ATECC108A-MAHCZ-T
ATECC508A-MAHDA-T
ATECC508A-MAHCZ-T
ATECC508A-MAHDA-S
ATECC508A-MAHCZ-S
ATECC608A-MAHDA-S
ATECC608A-MAHDA-T
ATECC608A-MAHCZ-S
ATECC608A-MAHCZ-T
ATECC608B-MAHCZ-S
ATECC608B-MAHDA-S
ATECC608B-MAHCZ-T
ATECC608B-MAHDA-T