



**Product Change Notification / RMES-06TWBE155**

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**Date:**

22-Jul-2021

**Product Category:**

Crypto Authentication

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4641 Final 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\\_07222021.pdf](#)

[RMES-06TWBE155\\_Affected\\_CPN\\_07222021.csv](#)

**Notification Text:**

**PCN Status:**Final 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 First Ship Date:**May 24, 2021 (date code: 2122)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

**Time Table Summary:**

	April 2021					->	May 2021					->	July 2021				
	14	15	16	17	18		19	20	21	22	23		27	28	29	30	31
Initial PCN Issue Date				X													
Final PCN Issue Date															X		
Qual Report Availability															X		
Estimated First Ship Date									X								

**Method to Identify Change:** Traceability code

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:****April 19, 2021:** Issued initial notification.**May 19, 2021:** Issued final notification. Provided estimated first ship date to be May 24, 2021.**July 22, 2021:** Re-issued final notification. Attached the qualification report. Updated time table summary qual report availability from May to July 2021. Updated the affected CPN list to include ATSHA204A-MAHMD-B catalog part number (CPN).

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\\_Qual Report.pdf](#)

[PCN\\_RMES-06TWBE155\\_Pre and Post Change\\_Summary.pdf](#)

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

## **Terms and Conditions:**

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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  
ATSHA204A-MAHMD-B