



Product Change Notification / CENO-04NLGN370

Date:

11-May-2022

Product Category:

Crypto Authentication

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5123 Initial Notice: Qualification of MTAI as an additional assembly site for selected ATECC108A, ATECC508A, ATSHA204A, ATECC608A, ATECC608B and ECC608-TFLXWPC device families available in 8L SOIC (3.90mm) package.

Affected CPNs:

[CENO-04NLGN370_Affected_CPN_05112022.pdf](#)

[CENO-04NLGN370_Affected_CPN_05112022.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 MTAI as an additional assembly site for selected ATECC108A, ATECC508A, ATSHA204A, ATECC608A, ATECC608B and ECC608-TFLXWPC device families available in 8L SOIC (3.90mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Advanced Semiconductor (Shanghai) Co., Ltd (ASSH)	ASE Advanced Semiconductor (Shanghai) Co., Ltd (ASSH)	Microchip Technology Thailand (MTAI)
Wire Material	PdCu	PdCu	CuPdAu
Die Attach Material	EN-4900G	EN-4900G	8390A
Molding Compound Material	G700LY	G700LY	G600V
Lead-Frame Material	C194	C194	CDA194
Lead-Frame Paddle Size	70 x 70 / 90 x 90	70 x 70 / 90 x 90	90 x 90
DAP Surface Prep	PPF	PPF	Bare Cu
Lead Plating	NiPdAu	NiPdAu	Matte tin

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MTAI as an additional assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:August 2022

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:

	May 2022					>	August 2022				
Workweek	1 9	2 0	2 1	2 2	2 3		32	33	34	35	36
Initial PCN Issue Date		x									
Qual Report Availability								x			

Final PCN Issue Date									X			
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Method to Identify Change:Traceability code

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

Revision History:May 11, 2022: 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_CENO-04NLGN370_Pre and Post Change_Summary.pdf](#)
[PCN_CENO-04NLGN370_Qualification Plan.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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-SSHMD-B
ATSHA204A-SSHDA-B
ATSHA204A-SSH1S-B
ATSHA204A-SSHDA-T
ATSHA204A-SSHCZ-T
ATSHA204A-TCSMS
ATECC608B-SSHMD-B
ATECC608A-TNGACTS-B
ATECC608B-TNGACTS-B
ATECC608B-SSHCZ-B
ATECC608B-SSHDA-B
ATECC608A-TNGLORAS-B
ATECC608A-SSHMD-B
ATECC608B-TNGLORAS-B
ATECC608B-TNGTLSS-B
ATECC608B-TFLXTLSS-PROTO
ATECC608A-TNGTLSS-B
ATECC608A-TFLXTLSS-PROTO
ATECC108A-SSHDA-B
ATECC108A-SSHCZ-B
ATECC508A-SSHDA-B
ATECC508A-SSHCZ-B
ATECC508A-SSHHL-B
ATECC508A-SSHRA-B
ATECC508A-SSHMT-B
ATECC608A-SSHDA-B
ATECC608A-SSHCZ-B
ATECC608A-SSHHL-B
ATECC508A-SSH1P-T
ECC608-TFLXWPCS-PROTO
ATECC608B-SSVDA-B
ATECC608B-SSVHL-T
ATECC608B-SSVDA-T
ATECC608B-SSHHL-T
ATECC108A-SSHDA-T
ATECC108A-SSHCZ-T
ATECC508A-SSHDA-T
ATECC508A-SSHCZ-T
ATECC508A-SSHHL-T
ATECC508A-SSHRA-T
ATECC508A-SSHMT-T
ATECC508A-SSHZC-T
ATECC508A-SSHZJ-T
ATECC508A-SSHAW-T
ATECC508A-SSHWA-T
ATECC508A-SSHC9-T

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ATECC608A-SSHDA-T

ATECC608A-SSHCZ-T

ATECC608A-SSHHL-T

ATECC608A-SSH4P-T

ATECC608A-TNGACTS-C

ATECC608B-TNGACTS-C

ATECC608A-TNGLORAS-C

ATECC608B-TNGLORAS-C

ATECC608B-TNGTLSS-C

ATECC608A-TNGTLSS-C

ECC608-TFLXWPCS

ATECC608A-TNGACTS-G

ATECC608B-TNGACTS-G

ATECC608A-TNGLORAS-G

ATECC608B-TNGLORAS-G

ATECC608B-TNGTLSS-G

ATECC608A-TNGTLSS-G

ATECC508A-SSH1F-T

ATECC508A-SSH1M-T

ATECC608A-SSH4N-T

ATECC508A-SSHC6-T

ATECC508A-SSH1L-T

ATECC608A-SSH2P-T

ATECC608A-SSH3M-T

ATECC608B-SSH3S-T

ATECC608B-SSHA5-T

ATECC608B-SSHA6-T

ATECC608B-SSHCZ-T

ATECC608B-SSHDA-T

ATECC608A-SSHGA-T

ATECC608B-SSHKA-T

ATECC608A-SSHXA-T

ATECC608B-TCSMS

ATECC608B-TFLXTLSS

ATECC608A-TCSMS

ATECC608A-TFLXTLSS