



Product Change Notification / CENO-12HYAS450

Date:

31-Jul-2023

Product Category:

Microprocessors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6009 Final Notice: Qualification of ASEK as an additional assembly site for selected ATSAMA5D3xx device family available in 324L LFBGA (15x15x1.4mm) package.

Affected CPNs:

[CENO-12HYAS450_Affected_CPN_07312023.pdf](#)
[CENO-12HYAS450_Affected_CPN_07312023.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 ASEK as an additional assembly site for selected ATSAMA5D3xx device family available in 324L LFBGA (15x15x1.4mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	ASE Inc. (ASEK)
Wire Material	CuPd	CuPd	CuPdAu
Die Attach Material	2100AS	2100AS	2100AC
Molding Compound Material	KE-G1250LKDS	KE-G1250LKDS	KE-G1250NAS
Substrate Core Material	CCL-HL832NX	CCL-HL832NX	CCL-HL832NX(A-HS)

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated First Ship Date:August 21, 2023 (date code: 2334)

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

Time Table Summary:

	December 2022					>	July 2023					August 2023			
Workweek	4 9	5 0	5 1	5 2	5 3		2 7	2 8	2 9	3 0	3 1	3 2	3 3	3 4	3 5
Initial PCN Issue Date				x											
Qual Report Availability											x				
Final PCN Issue Date											x				
Estimated Implementation 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:December 19, 2022: Issued initial notification.
July 31, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on August 21, 2023.

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-12HYAS450_Qual Report.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)

ATSAMA5D35A-CN
ATSAMA5D31A-CU
ATSAMA5D33A-CU
ATSAMA5D34A-CU
ATSAMA5D35A-CU
ATSAMA5D36A-CU
ATSAMA5D31A-CUC21
ATSAMA5D35A-CUC22
ATSAMA5D36A-CUC23
ATSAMA5D36A-CN
ATSAMA5D35A-CNR
ATSAMA5D36A-CNR
ATSAMA5D31A-CUR
ATSAMA5D33A-CUR
ATSAMA5D34A-CUR
ATSAMA5D35A-CUR
ATSAMA5D36A-CUR
ATSAMA5D31A-CURC21
ATSAMA5D35A-CURC22
ATSAMA5D36A-CURC23