



Product Change Notification: NTD0-13PLGV705

Date:

10-Jan-2025

Product Category:

32-Bit Microcontrollers

Notification Subject:

CCB 6917 Final Notice: Qualification of MTAI as a new assembly site for selected AT91SAM7S512, ATSAM3N00B, ATSAM3N1B, ATSAM3N0B, ATSAM3SD8B, ATSAM3S2B, ATSAM3S8B, AT91SAM7S64, ATSAM3S4B, AT91SAM7S128, AT91SAM7S256 and ATSAM3S1B device families available in 64L VQFN (9x9x1mm) package.

Affected CPNs:

[NTD0-13PLGV705_Affected_CPN_01102025.pdf](#)

[NTD0-13PLGV705_Affected_CPN_01102025.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 MTAI as a new assembly site for selected AT91SAM7S512, ATSAM3N00B, ATSAM3N1B, ATSAM3N0B, ATSAM3SD8B, ATSAM3S2B, ATSAM3S8B, AT91SAM7S64, ATSAM3S4B, AT91SAM7S128, AT91SAM7S256 and ATSAM3S1B device families available in 64L VQFN (9x9x1mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	ASE Inc. (ASE)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	PdCu/Au	CuPdAu
Die Attach Material	EN-4900F/CRM-1076DS	QMI519
Molding Compound Material	G631H/G770HC	G700LTD
Lead-Frame Material*	C194	A194
Lead-Frame Design	See Pre and Post Change Summary attachment for comparison	

*Note: C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MTAI as a new assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:January 17, 2025 (date code: 2503)

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

Due to unforeseen circumstances, that are out of Microchip's control, full qualification will be made available as soon as it is approved which may be after the estimated first ship date so that Microchip can maintain continuity of supply and not disrupt customer orders.

Time Table Summary:

	May 2024					>	January 2025					February 2025			
Workweek	18	19	20	21	22		01	02	03	04	05	06	07	08	09
Initial PCN Issue Date				x											
Qual Report Availability												x			
Final PCN Issue Date								x							

Estimated Implementation 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.

Estimated Qualification Completion Date:
February 03, 2025

Note 1: This final PCN will be updated to include the Qualification report as soon as it is completed.
Note 2: Please be advised the qualification completion times may be extended because of unforeseen business conditions.

Revision History:May 20, 2024: Issued initial notification.
January 10, 2025: Issued final notification. Provided estimated first ship date to be on January 17, 2025.

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

Attachments:

PCN_NTDO-13PLGV705_Pre and Post Change_Summary.pdf
PCN_NTDO-13PLGV705_Qual Plan.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.