



## Product Change Notification: NTDO-13PLGV705

### Date:

22-May-2026

### 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:

[NTDO-13PLGV705\\_Affected\\_CPN\\_05222026.pdf](#)

[NTDO-13PLGV705\\_Affected\\_CPN\\_05222026.csv](#)

**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 Summary Changes:

	Pre Change	Post Change	Change (Yes/No )
Assembly Site	ASE Inc. (ASE)	Microchip Technology Thailand (HQ) (MTAI)	Yes

Wire Material	PdCu/Au	CuPdAu	Yes
Die Attach Material	EN-4900F/CRM-1076DS	QMI519	Yes
Molding Compound Material	G631H/G770HC	G700LTD	Yes
Lead-Frame Material*	C194	A194	No
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 Datasheet:** 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:** 17 January 2025 (date code: 2503)

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

**Timetable Summary:**

	May 2024					>	January 2025					>	May 2026				
Workweek	18	19	20	21	22		01	02	03	04	05		19	20	21	22	23
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:** May 20, 2024: Issued initial notification.

January 10, 2025: Issued final notification. Provided estimated first ship date to be on January 17, 2025.

May 22, 2026: Re-issued final notification. Attached the Qualification Report.

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

### **Attachments:**

**[PCN\\_NTDO-13PLGV705\\_Pre and Post Change\\_Summary.pdf](#)**

**[PCN\\_NTDO-13PLGV70\\_Qual Report.pdf](#)**

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

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