



## Product Change Notification: MFOL-26MWUB160

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### Date:

05-Jun-2025

### Product Category:

32-Bit Microcontrollers

### Notification Subject:

CCB 6778 and 6778.002 Final Notice: Qualification of ANAP as an additional assembly site for selected AT91R40008, ATSAM3N0CA, ATSAM3N1CB, ATSAM3S1CB, ATSAM3S2CA, ATSAM3S4CA, ATSAM3U1CB, AT91SAM7S32C, ATSAM3N00A, ATSAM3N0A, ATSAM3N0AA and ATSAM3N1A device families available in 100L (14x14x1.4mm) and 48L LQFP (7x7x1.4mm) package.

### Affected CPNs:

[MFOL-26MWUB160\\_Affected\\_CPN\\_06052025.pdf](#)

[MFOL-26MWUB160\\_Affected\\_CPN\\_06052025.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 ANAP as an additional assembly site for selected AT91R40008, ATSAM3N0CA, ATSAM3N1CB, ATSAM3S1CB, ATSAM3S2CA, ATSAM3S4CA, ATSAM3U1CB, AT91SAM7S32C, ATSAM3N00A, ATSAM3N0A, ATSAM3N0AA and ATSAM3N1A device families available in 100L (14x14x1.4mm) and 48L LQFP (7x7x1.4mm) package.

### Pre and Post Summary Changes:

*Applicable for AT91R40008, ATSAM3N0CA, ATSAM3N1CB, ATSAM3S1CB, ATSAM3S2CA, ATSAM3S4CA, and ATSAM3U1CB device families in 100L LQFP:*

	Pre Change	Post Change
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<b>Assembly Site</b>		ATX Semiconductor (Shanghai) Co. Ltd (ASSH)		ATX Semiconductor (Shanghai) Co. Ltd (ASSH)		Amkor Technology Philippine (P1/P2), INC. (ANAP)
<b>Wire Material</b>		Au		Au		Au
<b>Die Attach Material</b>		2288A		2288A		3230
<b>Molding Compound Material</b>		CEL-9200THF		CEL-9200THF		G631HQ
<b>Lead-Frame</b>	<b>Material</b>	C7025		C7025		C194ESH
	<b>Lead-lock</b>	No		No		Yes
	<b>Paddle Size</b>	180X180	240X240	180X180	240X240	256X256
	See pre and post change for comparison.					

*Applicable for AT91SAM7S32C, ATSAM3N00A, ATSAM3N0A, ATSAM3N0AA and ATSAM3N1A device families in 48L LQFP:*

		<b>Pre Change</b>		<b>Post Change</b>		
<b>Assembly Site</b>		ATX Semiconductor (Shanghai) Co. Ltd (ASSH)		ATX Semiconductor (Shanghai) Co. Ltd (ASSH)		Amkor Technology Philippine (P1/P2), INC. (ANAP)
<b>Wire Material</b>		Au		Au		Au
<b>Die Attach Material</b>		2288A		2288A		3230
<b>Molding Compound Material</b>		CEL-9200THF		CEL-9200THF		G631HQ
<b>Lead-Frame</b>	<b>Material</b>	C7025		C7025		C194ESH
	<b>Lead-lock</b>	No		No		No
	<b>Paddle Size</b>	197X197	224X224	197X197	224X224	197X197
	See pre and post change for comparison.					

**Impacts to Datasheet:** None

**Change Impact:** None

**Reason for Change:** To improve on-time delivery performance by qualifying ANAP as an assembly site.

**Change Implementation Status:** In Progress

**Estimated First Ship Date:** 30 June 2025 (date code: 2527)

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

**Timetable Summary:**

	January 2024					>	June 2025				
Workweek	01	02	03	04	05		23	24	25	26	27
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:** January 05, 2024: Issued initial notification.

April 11, 2024: Re-issued the initial notification to include reference CCB 6778.002. Updated the Notification subject, Description of change and Pre and Post change summary table to include AT91SAM7S32C, ATSAM3N00A, ATSAM3N0A, ATSAM3N0AA and ATSAM3N1A device families. Updated the affected CPN list to include CPNs within the scope of CCB 6778.002. Updated Pre and Post Change summary to include lead frame drawing for 48L LQFP (7x7x1.4mm) package.

June 5, 2025: Issued final notification. Attached the Qualification Report. Provided the estimated first ship date to be on June 30, 2025.

**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\_MFOL-26MWUB160 Pre and Post\_Change\_Summary.pdf**

**PCN\_MFOL-26MWUB160\_Qual\_Report.pdf**

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

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