



Product Change Notification: MFOL-26MWUB160

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
--	------------	-------------

Assembly Site	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	Amkor Technology Philippine (P1/P2), INC. (ANAP)			
Wire Material	Au	Au	Au			
Die Attach Material	2288A	2288A	3230			
Molding Compound Material	CEL-9200THF	CEL-9200THF	G631HQ			
Lead-Frame	Material	C7025	C7025	C194ESH		
	Lead-lock	No	No	Yes		
	Paddle Size	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:

		Pre Change	Post Change			
Assembly Site		ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	Amkor Technology Philippine (P1/P2), INC. (ANAP)		
Wire Material		Au	Au	Au		
Die Attach Material		2288A	2288A	3230		
Molding Compound Material		CEL-9200THF	CEL-9200THF	G631HQ		
Lead-Frame	Material	C7025	C7025	C194ESH		
	Lead-lock	No	No	No		
	Paddle Size	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				
	01	02	03	04	05		23	24	25	26	27
Workweek											
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_{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.

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.