Product Change Notification: DSNO-15WOKT491

Date:

18-Sep-2025

Product Category:

32-Bit Microprocessors

Notification Subject:

CCB 7737 Initial Notice: Qualification of ATP7 as an additional assembly site for selected AT91RM9200-CJ-101 and AT91RM9200-CJ-002 catalog part numbers (CPN) available in 256L LFBGA (15x15x1.25mm) package.

Affected CPNs:

DSNO-15WOKT491_Affected_CPN_09182025.pdf
DSNO-15WOKT491_Affected_CPN_09182025.csv

PCN Status: Initial 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 ATP7 as an additional assembly site for selected AT91RM9200-CJ-101 and AT91RM9200-CJ-002 catalog part numbers (CPN) available in 256L LFBGA (15x15x1.25mm) package.

Pre and Post Summary Changes:

	Pre Change	**Post Change**	
Assembly Site	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	Amkor Technology Philippines (P3/P4), INC. (ATP7)
Wire Material	Au	Au	Au
Die Attach Material	2100AS (PFAS)	2100AS (PFAS)	2300 (PFAS-free)

Molding Compound Material	KE-G1250	KE-G1250	G770FE
Substrate Core Material	HL832NX	HL832NX	HL832NS
Substrate Material	AUS308	AUS308	AUS308

Impacts to Datasheet:

Yes. Refer to Package Outline Drawing (POD) comparison.

Dimension in mm		ASSH			ATP7		
		Min	Nom	Max	Min	Nom	Max
Number of Terminals	N	256			256		
Pitch	e	0.80 BSC			0.80 BSC		
Overall Height	A	-	-	1.25	-	-	1.25
Standoff	A1	0.25	0.3	0.35	0.22	0.32	-
Mold Thickness	A3	0.50 BSC			0.48	0.53	0.58
Overall Length	D	14.95	15	15.05	15.00 BSC		
Overall Width	E	14.95	15	15.05	15.00 BSC		
Terminal Diameter	b	0.35	0.40	0.45	0.36	0.41	0.46

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying ATP7 as an additional assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: April 2026

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Timetable Summary:

	September 2025					**>**	**April 2026**				
Work Week	36	37	38	39	40		14	15	16	17	18
Initial PCN Issue Date			X								
Qual Report Availability									X		
Final PCN Issue Date									X		

Method to Identify Change: Traceability Code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: September 18, 2025: Issued initial notification.

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

Attachments:

PFAS Elimination and Die Attach_Explanation.pdf
PCN_DSNO-15WOKT491_Qual_Plan.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.