Product Change Notification: MFOL-06NQNE902

Date:

09-Nov-2026

Product Category:

32-Bit Microprocessors

Notification Subject:

CCB 8604 Initial Notice: Qualification of ASM1 as an additional assembly site for selected ATSAMA5D31, ATSAMA5D44 and ATSAMA5D42 device families available in 324L TFBGA (12x12x1.2mm) and 361L TFBGA (16x16x1.2mm) packages.

Affected CPNs:

MFOL-06NQNE902_Affected_CPN_11092026.pdf
MFOL-06NQNE902_Affected_CPN_11092026.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 ASM1 as an additional assembly site for selected ATSAMA5D31, ATSAMA5D44 and ATSAMA5D42 device families available in 324L TFBGA (12x12x1.2mm) and 361L TFBGA (16x16x1.2mm) packages.

Pre and Post Summary Changes:

	Pre Change	**Post Change**		**Change**
Assembly Site	ASE Inc. (ASE)	ASE Inc. (ASE)	ASE Electronics (M) Sdn. Bhd (ASM1)	Yes
Substrate Core Material	CCL-HL832NX(A-HS)	CCL-HL832NX(A-HS)	CCL-HL832NX(A-HS)	No
Substrate SM Material	PSR4000 AUS308	PSR4000 AUS308	PSR4000 AUS308	No
Wire Material	CuPd	CuPd	CuPdAu	Yes

	Pre Change	Post Change		Change
Die Attach Material	ATB-125 (PFAS-free)	ATB-125 (PFAS-free)	ATB-125 (PFAS-free)	No
Molding Compound Material	KE-G1250LKDS	KE-G1250LKDS	KE-G1250LKDS	No
Solder Ball Material	LF35	LF35	LF35	No

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying ASM1 as an additional assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: June 2027

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:

	November 2026				>	June 2027				
Work Week	45	46	47	48		22	23	24	25	26
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: November 09, 2026: 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:

PCN_MFOL-06NQNE902_Qual_Plan.pdf

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

Terms and Conditions:

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