



Product Change Notification: MFOL-16WSGU911

Date:

19-Aug-2026

Product Category:

32-Bit Microcontrollers

Notification Subject:

CCB 8387 Initial Notice: Qualification of UAT as an additional bumping site and UNIS as an additional Backend Process (BE2) for ATSAMG55G19B-UNT, ATSAMG55G19A-UUT, ATSAMG55G19A-UUTRRC, ATSAMG55G19B-UUT, ATSAM4S16BA-UUR, ATSAM4S8BA-UUR, ATSAM4S8BB-UUR, ATSAM4S16BB-UUR, ATSAMD51J19A-UNT, ATSAMD51J20A-UNT, ATSAMD51J20A-UNT-RB, ATSAMD51J19A-UUT, ATSAMD51J20A-UUT, ATSAMD51J20A-UUT-EFP, and ATSAMD51J19A-UNTN01 catalog part numbers (CPN) available in 49L WLCSP (2.84x2.84x0.29mm), 64L WLCSP (4.38x3.38x0.3mm) and 64L WLCSP (3.593 x 3.513 mm) packages.

Affected CPNs:

[MFOL-16WSGU911_Affected_CPN_08192026.pdf](#)

[MFOL-16WSGU911_Affected_CPN_08192026.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 UAT as an additional bumping site and UNIS as an additional Backend Process (BE2) for ATSAMG55G19B-UNT, ATSAMG55G19A-UUT, ATSAMG55G19A-UUTRRC, ATSAMG55G19B-UUT, ATSAM4S16BA-UUR, ATSAM4S8BA-UUR, ATSAM4S8BB-UUR, ATSAM4S16BB-UUR, ATSAMD51J19A-UNT, ATSAMD51J20A-UNT, ATSAMD51J20A-UNT-RB, ATSAMD51J19A-UUT, ATSAMD51J20A-UUT, ATSAMD51J20A-UUT-EFP, and ATSAMD51J19A-UNTN01 catalog part numbers (CPN) available in 49L WLCSP (2.84x2.84x0.29mm), 64L WLCSP (4.38x3.38x0.3mm) and 64L WLCSP (3.593 x 3.513 mm) packages.

Pre and Post Summary Changes:

	Pre Change	Post Change		Change (Yes/No)
Bumping Site	ASE Inc. (Bumping & WLCSP bumping) (ASEB)	ASE Inc. (Bumping & WLCSP bumping) (ASEB)	Unisem Advance Tech (UAT)	Yes
Back End Process	ASE Test (ASE9)	ASE Test (ASE9)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Yes
Solder Ball Material	SAC405	SAC405	SAC405	No
Polymer Material	PBO	PBO	PI_LTC9320	Yes

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying UAT as an additional bumping site and UNIS as an additional Backend Process (BE2).

Change Implementation Status: In Progress

Estimated Qualification Completion Date: December 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:

	August 2026					>	December 2026				
Work Week	32	33	34	35	36		49	50	51	52	53
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: August 19, 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-16WSGU911_Qualification Plan.pdf](#)

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

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