



Product Change Notification: MFOL-15TZWE133

Date:

03-Dec-2024

Product Category:

8-Bit Microcontrollers

Notification Subject:

CCB 7138 Final Notice: Qualification of QMI519 as a new die attach material for AVR64DA64, AVR64DB64, AVR128DA64 and AVR128DB64 device families available in 64L TQFP (10x10x1mm) package at MTAI assembly site.

Affected CPNs:

[MFOL-15TZWE133_Affected_CPN_12032024.pdf](#)

[MFOL-15TZWE133_Affected_CPN_12032024.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 QMI519 as a new die attach material for AVR64DA64, AVR64DB64, AVR128DA64 and AVR128DB64 device families available in 64L TQFP (10x10x1mm) package at MTAI assembly site.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)

Wire Material	CuPdAu	CuPdAu
Die Attach Material	3280	QMI519
Molding Compound Material	G700HA	G700HA
Lead-Frame Material	C7025	C7025

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying QMI519 as a new die attach material.

Change Implementation Status: In Progress

Estimated First Ship Date: 31 December 2024 (date code: 251)

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

Timetable Summary:

Method to Identify Change: Traceability Code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_{#}_Qual_Report.

Revision History:

September 05, 2024: Issued Initial notification.

December 03, 2024: Issued final notification. Revised affected parts list to add AVR128DA64S-E/PT, AVR128DA64S-I/PT, AVR128DA64ST-I/PT and AVR128DA64ST-E/PT catalog part numbers. Updated the notification subject and description of change to reflect device families instead of catalog part numbers. Attached the Qualification Report. Provided estimated first ship date to be on December 31, 2024.

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-15TZWE133 Qual Report.pdf](#)

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

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