



## Product Change Notification / ALAN-07GWEE835

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**Date:**

10-Mar-2022

**Product Category:**

8-bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 5064 Initial Notice: Qualification of G700LA as a new mold compound material for selected ATMEGA64, ATMGA16, ATMEGA25 AND ATMEGA32 device families available in 64L VQFN (9x9x1.0 mm) package.

**Affected CPNs:**

[ALAN-07GWEE835\\_Affected\\_CPN\\_03102022.pdf](#)

[ALAN-07GWEE835\\_Affected\\_CPN\\_03102022.csv](#)

**Notification Text:**

**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 G700LA as a new mold compound material for selected ATMEGA64, ATMGA16, ATMEGA25 AND ATMEGA32 device families available in 64L VQFN (9x9x1.0 mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
Assembly Site	ASE Group Chung-Li (ASCL)	ASE Group Chung-Li (ASCL)
Wire Material	Au/Cu/PdCu	Au/Cu/PdCu
Die Attach Material	EN-4900GC	EN-4900GC
Molding Compound Material	CEL-9240	G700LA
Lead-Frame Material	C194	C194
Lead-Frame Paddle Size	228x228/ 311x311	228x228/ 311x311
DAP Surface Prep	Ring/ Double Ring	Ring/ Double Ring

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying G700LA as new mold compound material.

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**July 14, 2022

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.

**Time Table Summary:**

	March 2022					->	July 2022				
Workweek	10	11	12	13	14		27	28	29	30	31
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:**March 10, 2022: Issuance of Initial notification.

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

## **Attachments:**

[PCN\\_ALAN-07GWEE835 Qualification Plan.pdf](#)

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

## **Terms and Conditions:**

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