



## Product Change Notification / LIAL-06WFCQ261

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### Date:

03-Feb-2022

### Product Category:

8-bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 3405.001 Final Notice: Qualification of G700LA mold compound material for selected Atmel ATMEGA168PB, ATMEGA88PB, ATMEGA48PB, ATMEGA808 and ATMEGA1608 device families available in 32L TQFP (7x7x1mm) package assembled at ASCL assembly site.

### Affected CPNs:

[LIAL-06WFCQ261\\_Affected\\_CPN\\_02032022.pdf](#)

[LIAL-06WFCQ261\\_Affected\\_CPN\\_02032022.csv](#)

### Notification Text:

#### 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 G700LA mold compound material for selected Atmel ATMEGA168PB, ATMEGA88PB, ATMEGA48PB, ATMEGA808 and ATMEGA1608 device families available in 32L TQFP (7x7x1mm) package assembled at ASCL assembly site.

### Pre and Post Change Summary:

	Pre Change		Post Change	
Assembly Site	ASE Group Chung-Li (ASCL)		ASE Group Chung-Li (ASCL)	
Wire Material	Cu	PdCu	Cu	PdCu
Die Attach Material	EN-4900GC		EN-4900GC	
Molding Compound Material	CEL-9240HF10AK		G700LA	
Lead-Frame Material	EFTEC64		EFTEC64	

**Impacts to Data Sheet:**None

**Change Impact**None

**Reason for Change:**To improve on-time delivery performance by qualifying G700LA mold compound material.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**February 17, 2022 (date code: 2208)

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

**Time Table Summary:**

	February 2022				
Workweek	0 6	0 7	0 8	0 9	1 0
Qual Report Availability	x				
Final PCN Issue Date	x				
Estimated Implementation Date			x		

**Method to Identify Change:**Traceability code

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:**February 03, 2022: Issued final 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\\_LIAL-06WFCQ261\\_Qual Report 1of2.pdf](#)

[PCN\\_LIAL-06WFCQ261\\_Qual Report 2of2.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATMEGA168PB-AU  
ATMEGA168PB-AN  
ATMEGA168PB-ANR  
ATMEGA168PB-AUR  
ATMEGA88PB-AU  
ATMEGA48PB-AU  
ATMEGA88PB-AN  
ATMEGA48PB-AN  
ATMEGA88PB-ANR  
ATMEGA48PB-ANR  
ATMEGA88PB-AUR  
ATMEGA48PB-AUR  
ATMEGA808-AF  
ATMEGA1608-AF  
ATMEGA1608-AU  
ATMEGA808-AU  
ATMEGA1608-AUR  
ATMEGA808-AUR  
ATMEGA1608-AFR  
ATMEGA808-AFR