



## Product Change Notification / GBNG-09WNNA526

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### Date:

19-Feb-2023

### Product Category:

Smart Energy SOC

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 5001 Final Notice: Qualification of G700LA as a new mold compound material for selected Atmel ATSENSE201 and ATSENSE301 device families available in 32L TQFP (7x7x1mm) package assembled at ASCL assembly site.

### Affected CPNs:

[GBNG-09WNNA526\\_Affected\\_CPN\\_02192023.pdf](#)

[GBNG-09WNNA526\\_Affected\\_CPN\\_02192023.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 as a new mold compound material for selected Atmel ATSENSE201 and ATSENSE301 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	PdCu	PdCu
Die Attach Material	EN-4900GC	EN-4900GC
Molding Compound Material	CEL-9240HF10AK	G700LA
Lead Frame Material	C194	C194

**Impacts to Data Sheet:**None

**Change Impact**None

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

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**March 14, 2023 (date code: 2311)

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

**Time Table Summary:**

	February 2022					>>	February 2023					March 2023			
	06	07	08	09	10		05	06	07	08	09	10	11	12	13
Initial PCN Issue Date		x													
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 11, 2022: Issued initial notification.

February 19, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on March 14, 2023.

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

## **Attachments:**

[GBNG-09WNNNA526\\_Qual\\_Report.pdf](#)

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

## **Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATSENSE301A-AU  
ATSENSE201HA-AU  
ATSENSE301HA-AU  
ATSENSE201A-AU  
ATSENSE301A-AN  
ATSENSE301A-ANR  
ATSENSE301A-AUR  
ATSENSE201HA-AUR  
ATSENSE301HA-AUR  
ATSENSE201A-AUR