



**Product Change Notification / GBNG-02PXRI923**

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**Date:**

02-Nov-2021

**Product Category:**

AntiFuse FPGAs, General Purpose FPGAs

**PCN Type:**

Manufacturing Change

**Notification Subject:**

eSign # E000074006 Final Notice: Qualification of G631HQ mold compound material for selected Microsemi products available in 100L, 144L LQFP and 80L, 100L, and 128L TQFP packages at ANAP assembly site.

**Affected CPNs:**

[GBNG-02PXRI923\\_Affected\\_CPN\\_11022021.pdf](#)

[GBNG-02PXRI923\\_Affected\\_CPN\\_11022021.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 G631HQ mold compound material for selected Microsemi products available in 100L, 144L LQFP and 80L, 100L, and 128L TQFP packages at ANAP assembly site.

**Pre and Post Change Summary:**

	Pre- Change	Post Change
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<b>Assembly Site</b>	Amkor Technology Philippine (P1/P2), INC. (ANAP)		Amkor Technology Philippine (P1/P2), INC. (ANAP)
<b>Wire material</b>	Au		Au
<b>Die attach material</b>	3230		3230
<b>Mold compound material</b>	G700L	G700Y	G631HQ
<b>Lead frame material</b>	C194		C194

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**

To improve productivity by qualifying G631HQ molding compound material. Assembly house will discontinue the mold compound materials identified in the pre-change.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**

November 29, 2021 (date code: 2149)

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

**Time Table Summary:**

	November 2021				
Workweek	45	46	47	48	49
Qual Report Availability	X				
Final PCN Issue Date	X				
Estimated First Ship 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: August 12, 2021:** Issued initial notification.

**November 2, 2021:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on November 29, 2021.

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

## **Attachments:**

[PCN\\_GBNG-02PXRI923\\_Qual Report.pdf](#)

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

## **Terms and Conditions:**

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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)

A54SX08A-1TQG100  
A54SX08A-2TQG100  
A54SX08A-FTQG100  
A54SX08A-TQG100  
A54SX08A-1TQG144  
A54SX08A-2TQG144  
A54SX08A-FTQG144  
A54SX08A-TQG144  
A54SX08A-TQG100A  
A54SX08A-TQG144A  
A54SX08A-1TQG100I  
A54SX08A-2TQG100I  
A54SX08A-TQG100I  
A54SX08A-1TQG144I  
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A54SX32A-TQG144I  
EX128-FTQG100  
EX128-PTQG100  
EX128-TQG100  
EX128-TQG100A  
EX128-PTQG100I  
EX128-TQG100I  
EX256-FTQG100  
EX256-PTQG100  
EX256-TQG100PJ31  
EX256-TQG100X376  
EX256-TQG100  
EX256-TQG100A  
EX256-PTQG100I  
EX256-TQG100IX94  
EX256-TQG100I  
A54SX32-TQG144M  
APA075-TQG100  
APA075-TQG144  
APA075-TQG100A  
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A42MX09-VQG100M  
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AGLP030V5-VQG128Z316  
AGLP030V5-VQG128Z319  
AGLP030V5-VQG128  
AGLP030V2-VQG128I  
AGLP030V5-VQG128I