



Product Change Notification / GBNG-02PXRI923

Date:

12-Aug-2021

Product Category:

AntiFuse FPGAs, General Purpose FPGAs

PCN Type:

Manufacturing Change

Notification Subject:

Memo log# ML082021003D & TRB# WW6 Initial 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_08122021.pdf](#)

[GBNG-02PXRI923_Affected_CPN_08122021.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 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
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)		Amkor Technology Philippine (P1/P2), INC. (ANAP)
Wire material	Au		Au
Die attach material	3230		3230
Mold compound material	G700L	G700Y	G631HQ
Lead frame material	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 Qualification Completion Date:

September 2021

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:

	August 2021				-->	September 2021				
	32	33	34	35		36	37	38	39	40
Workweek										
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:

August 12, 2021: Issued 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_GBNG-02PXRI923_Qual Plan.pdf](#)

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

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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)

A3P060-1TQG144
A3P060-1TQG144I
A3P060-2TQG144
A3P060-2TQG144I
A3P060-TQG144
A3P060-TQG144I
A3P125-1TQG144
A3P125-1TQG144I
A3P125-2TQG144
A3P125-2TQG144I
A3P125-TQG144
A3P125-TQG144I
A3P125-TQG144IX53
A3P125-TQG144X277
A3P125-TQG144XT77
A40MX02-1VQG80
A40MX02-1VQG80I
A40MX02-1VQG80M
A40MX02-2VQG80
A40MX02-2VQG80I
A40MX02-3VQG80
A40MX02-3VQG80I
A40MX02-FVQG80
A40MX02-VQG80
A40MX02-VQG80A
A40MX02-VQG80I
A40MX02-VQG80M
A40MX04-1VQG80
A40MX04-1VQG80I
A40MX04-1VQG80M
A40MX04-2VQG80
A40MX04-2VQG80I
A40MX04-3VQG80
A40MX04-3VQG80I
A40MX04-FVQG80
A40MX04-VQG80
A40MX04-VQG80A
A40MX04-VQG80I
A40MX04-VQG80M
A42MX09-1VQG100
A42MX09-1VQG100I
A42MX09-1VQG100M
A42MX09-2VQG100
A42MX09-2VQG100I
A42MX09-3VQG100
A42MX09-3VQG100I

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~~A42MX09-FVQG100~~

A42MX09-VQG100

A42MX09-VQG100A

A42MX09-VQG100I

A42MX09-VQG100IQ156

A42MX09-VQG100M

A42MX09-VQG100X90

A42MX16-1VQG100

A42MX16-1VQG100I

A42MX16-1VQG100M

A42MX16-2VQG100

A42MX16-2VQG100I

A42MX16-3VQG100

A42MX16-3VQG100I

A42MX16-FVQG100

A42MX16-VQG100

A42MX16-VQG100A

A42MX16-VQG100I

A42MX16-VQG100M

A54SX08A-1TQG100

A54SX08A-1TQG100I

A54SX08A-1TQG144

A54SX08A-1TQG144I

A54SX08A-2TQG100

A54SX08A-2TQG100I

A54SX08A-2TQG144

A54SX08A-2TQG144I

A54SX08A-FTQG100

A54SX08A-FTQG144

A54SX08A-TQG100

A54SX08A-TQG100A

A54SX08A-TQG100I

A54SX08A-TQG144

A54SX08A-TQG144A

A54SX08A-TQG144I

A54SX16A-1TQG100

A54SX16A-1TQG100I

A54SX16A-1TQG100M

A54SX16A-1TQG144

A54SX16A-1TQG144I

A54SX16A-1TQG144M

A54SX16A-2TQG100

A54SX16A-2TQG100I

A54SX16A-2TQG144

A54SX16A-2TQG144I

A54SX16A-FTQG100

A54SX16A-FTQG144

A54SX16A-TQG100

A54SX16A-TQG100A

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A54SX16A-TQG100I
A54SX16A-TQG100M
A54SX16A-TQG144
A54SX16A-TQG144A
A54SX16A-TQG144I
A54SX16A-TQG144IQ247
A54SX16A-TQG144M
A54SX16P-VQG100I
A54SX32A-1TQG100
A54SX32A-1TQG100I
A54SX32A-1TQG100M
A54SX32A-1TQG144
A54SX32A-1TQG144I
A54SX32A-1TQG144M
A54SX32A-2TQG100
A54SX32A-2TQG100I
A54SX32A-2TQG144
A54SX32A-2TQG144I
A54SX32A-FTQG100
A54SX32A-FTQG144
A54SX32A-TQG100
A54SX32A-TQG100A
A54SX32A-TQG100I
A54SX32A-TQG100IPU56
A54SX32A-TQG100M
A54SX32A-TQG100Z198
A54SX32A-TQG144
A54SX32A-TQG144A
A54SX32A-TQG144I
A54SX32A-TQG144IPN03
A54SX32A-TQG144IX510
A54SX32A-TQG144IX53
A54SX32A-TQG144M
A54SX32-TQG144M
AGLP030V2-VQG128
AGLP030V2-VQG128I
AGLP030V2-VQG128Z315
AGLP030V5-VQG128
AGLP030V5-VQG128I
AGLP030V5-VQG128Q135
AGLP030V5-VQG128Z231
AGLP030V5-VQG128Z239
AGLP030V5-VQG128Z316
AGLP030V5-VQG128Z319
APA075-TQG100
APA075-TQG100A
APA075-TQG100I
APA075-TQG100IX538
APA075-TQG144

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APA075-TQG144I

APA075-TQG144IX538

APA150-TQG100

APA150-TQG100A

APA150-TQG100I

APA150-TQG100IX538

APA150-TQG100PJ87

EX128-FTQG100

EX128-PTQG100

EX128-PTQG100I

EX128-TQG100

EX128-TQG100A

EX128-TQG100I

EX256-FTQG100

EX256-PTQG100

EX256-PTQG100I

EX256-TQG100

EX256-TQG100A

EX256-TQG100I

EX256-TQG100IX94

EX256-TQG100PJ31

EX256-TQG100X376