



## Product Change Notification / GBNG-15STBN649

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**Date:**

21-Mar-2023

**Product Category:**

8-bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 6193 Final Notice: Qualification of MTAI as an additional assembly site for selected ATTINY13A device family available in 8L SOIC (.150in) package with MSL 1 classification.

**Affected CPNs:**

[GBNG-15STBN649\\_Affected\\_CPN\\_03212023.pdf](#)

[GBNG-15STBN649\\_Affected\\_CPN\\_03212023.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 MTAI as an additional assembly site for selected ATTINY13A device family available in 8L SOIC (.150in) package with MSL 1 classification.

**Pre and Post Change Summary:**

	Pre Change	Post Change	
Assembly Site	Amkor Technology	Amkor Technology	Microchip

	Philippine (P1/P2), INC. (ANAP)	Philippine (P1/P2), INC. (ANAP)	Technology Thailand (HQ) (MTAI)
Wire Material	Au	Au	Au
Die Attach Material	8290	8290	8390A
Molding Compound Material	G600	G600	G600
Lead-Frame Material	C194	C194	C194
Lead-Frame Paddle Size	90 x 130 mils	90 x 130 mils	90 x 90 mils
DAP Surface Prep	NiPdAu	NiPdAu	Bare Cu
Lead Plating	NiPdAu	NiPdAu	Matte Tin
Lead-lock	No	No	Yes
Lead-Frame Design	See attached Pre and Post change comparison.		
Moisture Sensitivity Level (MSL)	MSL 2	MSL 2	MSL 1

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve on-time delivery performance by qualifying MTAI as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**April 2, 2023 (date code: 2314)

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

**Time Table Summary:**

	March 2023					April 2023				
Workweek	0 9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8
Final PCN Issue Date				x						
Qual Report Availability				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:**March 21, 2023: 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\\_GBNG-15STBN649\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf](#)

[PCN\\_GBNG-15STBN649\\_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)

ATTINY13A-SSH

ATTINY13A-SS7

ATTINY13A-SS7R

ATTINY13A-SSHR