



Product Change Notification / GBNG-10GIUX898

Date:

21-Dec-2020

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4490 Initial Notice: Qualification of MTAI as an additional final test site for selected Atmel ATSAMC21Nxxx and ATSAMC20Nxxx device families available in 100L TQFP (14x14x1mm) package.

Affected CPNs:

[GBNG-10GIUX898_Affected_CPN_12212020.pdf](#)

[GBNG-10GIUX898_Affected_CPN_12212020.csv](#)

Notification Text:**PCN Status:**

Initial notification.

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:

Qualification of MTAI as an additional final test site for selected Atmel ATSAMC21Nxxx and ATSAMC20Nxxx device families available in 100L TQFP (14x14x1mm) package.

Pre Change:

Tested at ASE9 or MPHL final test site.

Post Change:

Tested at ASE9 or MPHL or MTAI final test site

Pre and Post Change Summary:

		Pre Change			Post Change		
Final Test Site		ASE Test (ASE9)	Microchip Technology Operations (Philippines) Corporation (MPHL)		ASE Test (ASE9)	Microchip Technology Operations (Philippines) Corporation (MPHL)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple (BQM)	T/R	1000			1000		
	Tray	90			90		
Pin 1 Orientation	T/R	Quadrant 1			Quadrant 1		
	Tray	Tray Chamfer			Tray Chamfer		
Carrier Tape Dimensions		Minor dimensional changes. See pre and post change comparison					
Cover Tape Dimensions		Minor dimensional changes. See pre and post change comparison					
Plastic Reel Color		White	White	White	White		Dark Blue
Tray Dimensions		See pre and post change comparison					
Packaging Method (T/R and Tray)		See pre and post change comparison					

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying MTAI as an additional final test site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

February 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:

	December 2020					→	February 2021			
Workweek	49	50	51	52	53		06	07	08	09
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:

December 21, 2020: 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-10GIUX898_Qual_Plan.pdf](#)

[PCN_GBNG-10GIUX898_Pre_and_Post_Change_Summary.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.