

Product Change Notification / GBNG-10GIUX898

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06-Jul-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4490 Final 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_07062021.pdf GBNG-10GIUX898 Affected CPN 07062021.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 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	T/R	1	1000	1000				
Multiple (BQM)	Tray		90	90				
Pin 1	T/R	Qua	drant 1	Quadrant 1				
Orientation	Tray	Tray	Chamfer	Tray Chamfer				
Carrier Tollimens	-	Minor dimensional changes. See pre and post change comparison						
Cover Tape D	imensions	Minor dimensional changes. See pre and post change comparison						
Plastic Reel Color		White	White	White	White	Dark Blue		
Tray Dime	nsions	No dimensional changes. See pre and post change comparison						
Packaging Me and Tr		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 First Ship Date: July 30, 2021 (date code: 2131)

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

Time Table Summary:

	December 2020			_	July 2021						
Workweek	49	50	51	52	53	7	27	28	29	30	31
Initial PCN Issue Date				Χ							
Qual Report Availability								Χ			
Final PCN Issue Date								Χ			
Estimated Implementation Date											Χ

Method to Identify Change: Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:December 21, 2020: Issued initial notification. **July 06, 2021:** Issued final notification. Attached is the qualification report. Provided estimated first ship date on July 30, 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-10GIUX898_Qual_Report.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:

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If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

ATSAMC21N17A-AN

ATSAMC21N18A-AN

ATSAMC20N17A-ANT

ATSAMC21N17A-ANT

ATSAMC20N18A-ANT

ATSAMC21N18A-ANT

Date: Tuesday, July 06, 2021