



Product Change Notification - GBNG-23ERLE531

Date:

01 Oct 2019

Product Category:

8-bit Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3521 Final Notice: Qualification of MTAI as an additional final test site for ATMega2560-16AU and ATMega2560-16AUR Atmel catalog part numbers available in 100L TQFP (14x14x1.0mm) package.

Notification text:**PCN Status:**

Final notification

Note: This final PCN only pertains to the products listed in this PCN. Additional final PCNs may be issued for additional catalog part numbers (CPN).

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 ATMega2560-16AU and ATMega2560-16AUR Atmel catalog part numbers available in 100L TQFP (14x14x1.0mm) package.

Pre Change:

Tested at LPI final test site.

Post Change:

Tested at LPI final test site or tested at MTAI final test site.

Pre and Post Change Summary:

		Pre Change	Post Change	
Final Test Site		Lingsen Precision Industries, LTD (LPI)	Lingsen Precision Industries, LTD (LPI)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple (BQM)	Tape & Reel	1500	1500	1500
	Tray	90	90	90
Pin 1 orientation (Tape & Reel)		Quadrant 1	Quadrant 1	Quadrant 1
Carrier Tape		No dimensional changes (see attached)		
Reel	Color	White	White	Dark Blue
	Dimension	With dimensional changes. See attached Pre and Post comparison.		
Tray		No dimensional changes (see attached)		



Desiccant	See attached Pre and Post comparison
Moisture Barrier Bag	Minor Dimensional Changes. See attached Pre and Post comparison.
Carton Box	No dimensional changes. See attached Pre and Post 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:

October 27, 2019 (date code: 1944)

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

Time Table Summary:

	September 2018					->	September 2019				October 2019				
	Workweek	35	36	37	38		39	36	37	38	39	40	41	42	43
Initial PCN Issue Date	X														
Qual Report Availability									X						
Final PCN Issue Date									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:

September 03, 2018: Issued initial notification.

September 27, 2019: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on October 27, 2019.

October 01, 2019: Re-issued final notification by narrowing the scope to affect only the ATMega2560-16AU and ATMega2560-16AUR Atmel catalog part numbers.

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

Attachment(s):

[PCN_GBNG-23ERLE531_Qual_Report.pdf](#)

[PCN_GBNG-23ERLE531_Pre_and_Post_Change.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)

ATMega2560-16AU

ATMega2560-16AUR