



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



<b>Desiccant</b>	See attached Pre and Post comparison
<b>Moisture Barrier Bag</b>	Minor Dimensional Changes. See attached Pre and Post comparison.
<b>Carton Box</b>	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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