



**Product Change Notification / ALAN-03NWPD643**

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**Date:**

13-Feb-2024

**Product Category:**

8-Bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 6693 Final Notice: Qualification of MTAI as a new final test site for selected ATMEGA328P, ATMEGA88PA, ATMEGA168PA, ATMEGA48PA, and ATMEGA8A device families available in 32L TQFP (7x7x1mm) package.

**Affected CPNs:**

[ALAN-03NWPD643\\_Affected\\_CPN\\_02132024.pdf](#)

[ALAN-03NWPD643\\_Affected\\_CPN\\_02132024.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 a new final test site for selected ATMEGA328P, ATMEGA88PA, ATMEGA168PA, ATMEGA48PA, and ATMEGA8A device families available in 32L TQFP (7x7x1mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
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Test Site		Lingsen Precision Industries, LTD. (LPI)	Microchip Technology Thailand (HQ) (MTAI)
Tray	Pin1 Orientation	Tray Hypotenuse Position	Pin1 near Tray Chamfer
	BQM	250	250
Tape and Reel	Pin1 Orientation	Quadrant 1	Quadrant 1
	BQM	2000	2000
Carrier Tape		Minimal dimensional changes. See Pre and Post Change Summary for comparison.	
Reel			
Packing Method			

**Impacts to Data Sheet:**None

**Change Impact**None

**Reason for Change:**To improve manufacturability by qualifying MTAI as the new test site location.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**April 1, 2024 (date code: 2414)

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

**Time Table Summary:**

	January 2024				February 2024					>	April 2024			
	01	02	03	04	05	06	07	08	09		14	15	16	17
Workweek														
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:** January 10, 2024: Issued initial notification.

February 13, 2024: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on April 1, 2024.

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

## **Attachments:**

[PCN\\_ALAN-03NWPD643 Qual Report.pdf](#)

[PCN\\_ALAN-03NWPD643\\_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 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)

ATMEGA328P-AN  
ATMEGA328P-ANR  
ATMEGA88PA-ANR  
ATMEGA168PA-AN  
ATMEGA168PA-ANR  
ATMEGA48PA-AN  
ATMEGA48PA-ANR  
ATMEGA88PA-AN  
ATMEGA8A-AN  
ATMEGA8A-ANR