



Product Change Notification / MAAN-13BKLM850

Date:

03-Jan-2024

Product Category:

8-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6687 Initial Notice: Qualification of MTAI as a new final test site for selected ATMEGA6450, ATMEGA6490, ATMEGA640, ATMEGA2560, ATMEGA3250, ATMEGA3290 and ATMEGA1280 device families available in 100L TQFP (14x14x1mm) package.

Affected CPNs:

[MAAN-13BKLM850_Affected_CPN_01032024.pdf](#)

[MAAN-13BKLM850_Affected_CPN_01032024.csv](#)

Notification Text:

PCN Status:Initial 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 ATMEGA6450, ATMEGA6490, ATMEGA640, ATMEGA2560, ATMEGA3250, ATMEGA3290 and ATMEGA1280 device families available in 100L TQFP (14x14x1mm) package.

Pre and Post Change Summary:

Final Test Site	Pre Change	Post Change
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		Lingsen Precision Industries, LTD. (LPI)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple (BQM)		1500	1500
Pin 1 Orientation		Quadrant 1	Quadrant 1
Carrier Tape		No dimensional change. See Pre and Post Change for comparison.	
Cover Tape		With minor dimensional change. See Pre and Post Change for comparison.	
Plastic Reel	Dimension	With dimensional changes. See Pre and Post Change for comparison.	
	Color	White	Dark Blue
Packing Method		See Pre and Post Change for comparison.	

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying MTAI as a new final test site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:January 2024

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:

	January 2024				
Workweek	01	02	03	04	05
Initial PCN Issue Date	x				
Qual Report Availability				x	
Final PCN Issue				x	

Date						
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Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:January 3, 2024: 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_MAAN-13BKLM850_Pre_and_Post_Change_Summary.pdf](#)

[PCN_MAAN-13BKLM850_Qual Plan.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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