



Product Change Notification / MFOL-18PVHH137

Date:

18-Dec-2023

Product Category:

8-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6694 Initial Notice: Qualification of MTAI as a new final test site for selected ATMEGA128, ATMEGA16xx, ATMEGA32, ATMEGA48, ATMEGA64, ATMEGA8xx, ATTINY13, ATTINY24, ATTINY25, ATTINY44, ATTINY45, ATTINY84 and ATTINY85 device families available in various packages.

Affected CPNs:

[MFOL-18PVHH137_Affected_CPN_12182023.pdf](#)

[MFOL-18PVHH137_Affected_CPN_12182023.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 ATMEGA128, ATMEGA16xx, ATMEGA32, ATMEGA48, ATMEGA64, ATMEGA8xx, ATTINY13, ATTINY24, ATTINY25, ATTINY44, ATTINY45, ATTINY84 and ATTINY85 device families available in various packages.

Pre and Post Change Summary:

For 8L PDIP:

	Pre Change	Post Change
Final Test Site	Lingsen Precision Industries, LTD. (LPI)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple (BQM)	50	50
Pin 1 Orientation	Pin# 1 Toward Green stopper or pin	Pin# 1 Toward White stopper or pin (Opposite Side: Black)
Tube	With minimal dimensional change. See Pre and Post Change Summary for comparison.	
Packing Method	See Pre and Post Change Summary for comparison.	

For 14L PDIP:

	Pre Change	Post Change
Final Test Site	Lingsen Precision Industries, LTD. (LPI)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple (BQM)	25	30
Pin 1 Orientation	Pin# 1 Toward Green stopper or pin	Pin# 1 Toward White stopper or pin (Opposite Side: Black)
Tube	With dimensional change. See Pre and Post Change Summary for comparison.	
Packing Method	See Pre and Post Change Summary for comparison.	

For 28L SPDIP:

	Pre Change	Post Change
Final Test Site	Lingsen Precision Industries, LTD.	Microchip Technology Thailand (HQ)

	(LPI)	(MTAI)
Base Quantity Multiple (BQM)	14	14
Pin 1 Orientation	Pin# 1 Toward Green stopper or pin	Pin# 1 Toward White stopper or pin (Opposite Side: Black)
Tube	No dimensional change. See Pre and Post Change Summary for comparison.	
Packing Method	See Pre and Post Change Summary for comparison.	

For 40L PDIP:

	Pre Change	Post Change
Final Test Site	Lingsen Precision Industries, LTD. (LPI)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple (BQM)	10	10
Pin 1 Orientation	Pin# 1 Toward Green stopper or pin	Pin# 1 Toward White stopper or pin (Opposite Side: Black)
Tube	With minimal dimensional change. See Pre and Post Change Summary for comparison.	
Packing Method	See Pre and Post Change Summary for comparison.	

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated Qualification Completion Date:February 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:

	December 2023					>	February 2024				
Workweek	4 8	4 9	5 0	5 1	5 2		05	06	07	08	09
Initial PCN Issue Date				x							
Qual Report Availability							x				
Final PCN Issue Date							x				

Method to Identify Change:Traceability code

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

Revision History:December 18, 2023: 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_MFOL-18PVHH137_Pre and Post Change Summary.pdf](#)
- [PCN_MFOL-18PVHH137_Qual Plan.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our **PCN home page** select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the **PCN FAQ** section.

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.