



Product Change Notification / MFOL-18PVHH137

Date:

20-Mar-2024

Product Category:

8-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6694 Final 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_03202024.pdf](#)

[MFOL-18PVHH137_Affected_CPN_03202024.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 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. (LPI)	Microchip Technology Thailand (HQ) (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 First Ship Date:April 29, 2024 (date code: 2418)

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

Time Table Summary:

	December 2023					>	March 2024					April 2024				
Workweek	48	49	50	51	52		09	10	11	12	13	14	15	16	17	18
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:December 18, 2023: Issued initial notification.
March 20, 2024: Issued final notification. Updated the affected CPN list. Attached Qual Report and provided the estimated first ship date on April 29, 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_MFOL-18PVHH137_Qual Report.pdf](#)
- [PCN_MFOL-18PVHH137_Pre and Post Change Summary.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.

Affected Catalog Part Numbers (CPN)

ATMEGA644A-PU
ATMEGA644PA-PU
ATMEGA16L-8PU
ATMEGA16A-PU
ATMEGA32A-PU
ATMEGA32A-PN
ATMEGA1284P-PU
ATMEGA1284-PU
ATTINY13A-PU
ATTINY13V-10PQ
ATTINY25-20PU
ATTINY25V-10PU
ATTINY45-20PU
ATTINY13-20PU
ATTINY13V-10PU
ATTINY45V-10PU
ATTINY85-20PU
ATTINY85V-10PU
ATTINY84A-PU
ATTINY24A-PU
ATTINY44A-PU
ATMEGA328P-PU
ATMEGA328-PU
ATMEGA8L-8PU
ATMEGA8A-PU
ATMEGA328P-PN
ATMEGA8-16PU
ATMEGA88A-PU
ATMEGA88PA-PU
ATMEGA8A-PN
ATMEGA88PA-PN
ATMEGA168A-PU
ATMEGA168PA-PU
ATMEGA48A-PU
ATMEGA48PA-PU
ATMEGA168PA-PN
ATMEGA48PA-PN