



## Product Change Notification / MAAN-12VZWI574

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### Date:

18-Dec-2023

### Product Category:

8-Bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6731 Initial Notice: Qualification of MP3A as an additional assembly site for selected ATTINY406, ATTINY416, ATTINY426, ATTINY806, ATTINY816, ATTINY826, ATTINY1606, ATTINY1616, ATTINY1626, ATTINY3226, and AVR16EB20 device families available in 20L VQFN (3x3x0.9mm) package.

### Affected CPNs:

[MAAN-12VZWI574\\_Affected\\_CPN\\_12182023.pdf](#)

[MAAN-12VZWI574\\_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 MP3A as an additional assembly site for selected ATTINY406, ATTINY416, ATTINY426, ATTINY806, ATTINY816, ATTINY826, ATTINY1606, ATTINY1616, ATTINY1626, ATTINY3226, and AVR16EB20 device families available in 20L VQFN (3x3x0.9mm) package.

### Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Microchip Technology Thailand (MTAI)	Microchip Technology Thailand (MTAI)	Microchip Technology Inc. (MPHIL-3) (MP3A)
Wire Material	Au	Au	Au
Die Attach Material	8006NS	8006NS	8006NS
Molding Compound Material	G700LTD	G700LTD	G700LTD
Lead-Frame Material	C194	C194	C194

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve on-time delivery performance by qualifying MP3A as an additional assembly 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 14, 2023: Issued initial notification.

December 18, 2023: Re-issued to update Die Attach material and Lead-frame paddle size in the Qualification Plan.

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-12VZWI574\\_Qual\\_Plan.pdf](#)

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

## **Terms and Conditions:**

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