



Product Change Notification / MAAN-12VZWI574

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 ImpactNone

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:

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)

ATTINY1616-MF
ATTINY1616-MN
ATTINY416-MF
ATTINY406-MF
ATTINY406-MN
ATTINY416-MN
ATTINY806-MNRA1
ATTINY416-MNRPE
ATTINY1606-MF
ATTINY406-MFR
ATTINY416-MFR
ATTINY406-MNR
ATTINY416-MNR
ATTINY1616-MNRA1
ATTINY1616-MNR
ATTINY1616-MFR
ATTINY806-MF
ATTINY806-MN
ATTINY1606-MN
ATTINY1626-MF
ATTINY1626-MU
ATTINY1626-MUR
ATTINY1626-MFR
ATTINY3226-MF
ATTINY3226-MU
ATTINY3226-MFR
ATTINY426-MF
ATTINY826-MF
ATTINY426-MU
ATTINY826-MU
ATTINY426-MUR
ATTINY826-MUR
ATTINY426-MFR
ATTINY826-MFR
ATTINY1616-MNRA2
ATTINY3226-MUR
ATTINY816-MF
ATTINY816-MN
ATTINY816-MNR
ATTINY816-MFR
ATTINY1606-MNR
ATTINY806-MNR
ATTINY1606-MFR
ATTINY806-MFR
AVR16EB20-E/REB
AVR16EB20-I/REB

MAAN-12VZWI574 - 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.

~~AVR16EB20T-I/REB~~

AVR16EB20T-E/REB