



Product Change Notification / NTDO-13QSSF734

Date:

29-Mar-2023

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6186 Initial Notice: Qualification of MP3A as an additional assembly site for ATMEGA48PA/88PA/168PA, ATTINY261A/461A/861A, ATTINY48/88 and ATMEGA328P device families available in 32L VQFN (5x5x0.9mm) package using CuPdAu bond wire material.

Affected CPNs:

[NTDO-13QSSF734_Affected_CPN_03292023.pdf](#)

[NTDO-13QSSF734_Affected_CPN_03292023.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 ATMEGA48PA/88PA/168PA, ATTINY261A/461A/861A, ATTINY48/88 and ATMEGA328P device families available in 32L VQFN (5x5x0.9mm) package using CuPdAu bond wire material.

Pre and Post Change Summary:

	Pre Change		Post Change		
Assembly Site	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Inc. (MPHIL-3) (MP3A)
Wire Material	Au	Au	Au	Au	CuPdAu
Die Attach Material	3280	3280	3280	3280	3280
Molding Compound Material	G700LTD	G700LTD	G700LTD	G700LTD	G700LTD
Lead-Frame Material	C194	C194	C194	C194	C194
Lead-Frame Paddle Size	150x150 mils	150x150 mils	150x150 mils	150x150 mils	150x150 mils
DAP Surface Prep	Bare Cu	Bare Cu	Bare Cu	Bare Cu	Bare Cu

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying MP3A as an additional assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:June 2023

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:

	March 2023					>	June 2023				
Workweek	9	1	1	1	1		2	2	2	2	2

	0	1	2	3	2	3	4	5	6
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:March 19, 2023: Issued initial notice.

March 29, 2023: Removed duplicates in NTDO-13QSSF734_Affected_CPN.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_NTDO-13QSSF734_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)

ATTINY88-MU
ATTINY88-MUR
ATTINY261A-MU
ATTINY261A-MN
ATTINY261A-MNR
ATTINY261A-MUR
ATTINY48-MU
ATTINY48-MUR
ATMEGA88PA-MU
ATMEGA88PA-MUR
ATMEGA168PA-MU
ATMEGA168PA-MUR
ATTINY861A-MU
ATTINY861A-MUR
ATTINY461A-MU
ATTINY461A-MUR
ATMEGA328P-MU
ATMEGA328P-MUR
ATMEGA48PA-MU
ATMEGA48PA-MUR