



Product Change Notification: NTD0-13QSSF734

Date:

18-Sep-2025

Product Category:

8-Bit Microcontrollers

Notification Subject:

CCB 6186 Final Notice: Qualification of MP3A as an additional assembly site for ATtiny88, ATmega328P, ATtiny861A, ATmega168PA, ATtiny461A, ATtiny261A, ATtiny48, ATmega88PA, ATmega48PA, AT90PWM81, AT90PWM81EP and AT90PWM81OS device families available in 32L VQFN (5x5x0.9mm) package using CuPdAu bond wire material.

Affected CPNs:

[NTD0-13QSSF734_Affected_CPN_09182025.pdf](#)

[NTD0-13QSSF734_Affected_CPN_09182025.csv](#)

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 MP3A as an additional assembly site for ATtiny88, ATmega328P, ATtiny861A, ATmega168PA, ATtiny461A, ATtiny261A, ATtiny48, ATmega88PA, ATmega48PA, AT90PWM81, AT90PWM81EP and AT90PWM81OS device families available in 32L VQFN (5x5x0.9mm) package using CuPdAu bond wire material.

Pre and Post Summary Changes:

	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 Datasheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated First Ship Date: 19 October 2025 (date code: 2542)

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

Timetable Summary:

	March 2023							September 2025					October 2025			
Workweek	9	10	11	12	13	>	36	37	38	39	40	41	42	43	44	
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: March 19, 2023: Issued initial notice.

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

September 18, 2025: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on October 19, 2025. Added CPNs AT90PWM81-16MF, AT90PWM81EP-16MN, AT90PWM81-16MN and AT90PWM81OS-B16MNR in the affected CPN list. Updated the notification subject and description of change to include AT90PWM81, AT90PWM81EP and AT90PWM81OS device families.

Note: The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

Attachments:

PCN_NTDO-13QSSF734 Qual Report.pdf

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

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