



Product Change Notification / LIAL-22UTLR566

Date:

28-Jun-2024

Product Category:

8-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4528 and 4528.001 Final Notice: Qualification of MTAI as an additional assembly site for selected ATMEGA8xxx, ATMEGA16xxx, ATMEGA32xxx and ATMEGA48xxx Atmel device families available in 48L VQFN (6x6x0.9mm) and 32L VQFN (5x5x0.9mm) packages.

Affected CPNs:

[LIAL-22UTLR566_Affected_CPN_06282024.pdf](#)
[LIAL-22UTLR566_Affected_CPN_06282024.csv](#)

Notification Text:**PCN Status:**

Final notification.

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons 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 an additional assembly site for selected ATMEGA8xxx, ATMEGA16xxx, ATMEGA32xxx and ATMEGA48xxx Atmel device families available in 48L VQFN (6x6x0.9mm) and 32L VQFN (5x5x0.9mm) packages.

Pre and Post Change Summary:

		Pre Change	Post Change	
Assembly Site		Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (HQ) (MTAI)
Wire material		CuPdAu	CuPdAu	CuPdAu
Die attach material		3280	3280	3280
Molding compound material		G700LTD	G700LTD	G700LTD
Lead frame material		A194	A194	A194

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying MTAI as an additional assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

July 18, 2021 (date code: 2130)

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

Time Table Summary:

Workweek	March 2021					>	July 2021					August 2021				
	10	11	12	13	14		27	28	29	30	31	32	33	34	35	36
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 1, 2021: Issued initial notification.

August 30, 2021: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on July 18, 2021. Updated affected parts list to remove catalog part numbers (CPNs) ATMEGA4809-MFR-VAO and ATMEGA4809-MFR-VAO as they are not affected by this change. Update notification subject, description of change and include additional part numbers available in 32L VQFN package that is qualified by similarity.

June 28, 2024: Re-issued final notification. Updated the affected parts list to include CPNs ATMEGA168PB-MU, ATMEGA168PB-MN, ATMEGA168PB-MNR, ATMEGA168PB-MUR, ATMEGA88PB-MU, ATMEGA48PB-MU, ATMEGA88PB-MN, ATMEGA48PB-MN, ATMEGA88PB-MNR, ATMEGA48PB-MNR, ATMEGA88PB-MUR, ATMEGA48PB-MUR, ATMEGA808-MF, ATMEGA1608-MF, ATMEGA1608-MU, ATMEGA808-MU, ATMEGA1608-MUR, ATMEGA808-MUR, ATMEGA1608-MFR, ATMEGA808-MFR, ATMEGA3208-MF, ATMEGA3208-MU, ATMEGA3208-MUR, ATMEGA3208-MFR, ATMEGA328PB-MU, ATMEGA328PB-MN, ATMEGA328PB-MNR, ATMEGA328PB-MUR, ATMEGA4808-MF, ATMEGA4808-MU, ATMEGA4808-MUR and ATMEGA4808-MFR which are part of the original scope. The timeline for this PCN remains unchanged, thus we cannot offer additional time.

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

Attachments:

[PCN_LIAL-22UTLR566_Qual Report.pdf](#)

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

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