



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:

	March 2021						July 2021						August 2021					
Workweek	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.

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)

ATMEGA809-MF
ATMEGA1609-MF
ATMEGA1609-MU
ATMEGA809-MU
ATMEGA1609-MUR
ATMEGA809-MUR
ATMEGA1609-MFR
ATMEGA809-MFR
ATMEGA3209-MF
ATMEGA3209-MU
ATMEGA3209-MUR
ATMEGA3209-MFR
ATMEGA4809-MF
ATMEGA4809-MU
ATMEGA4809-MUR
ATMEGA4809-MFR
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

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~~ATMEGA4808-MUR~~

ATMEGA4808-MFR