



Product Change Notification / LIAL-27KKIA306

Date:

31-May-2021

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3143.001 Final Notice: Qualification of MTAI as a new assembly site for AT24C512C-SHM-B, AT24C512C-SHD-B, AT24C512C-SHD-T and AT24C512C-SHM-T Atmel catalog part numbers (CPN) available 8L SOIJ (.208in) package.

Affected CPNs:

[LIAL-27KKIA306_Affected_CPN_05312021.pdf](#)

[LIAL-27KKIA306_Affected_CPN_05312021.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 above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:

Qualification of MTAI as a new assembly site for AT24C512C-SHM-B, AT24C512C-SHD-B, AT24C512C-SHD-T and AT24C512C-SHM-T Atmel catalog part numbers (CPN) available 8L SOIJ (.208in) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)		Microchip Technology Thailand (HQ) (MTAI)
Wire material	Cu	PdCu	Au
Die attach material	8290		8390A
Molding compound material	G700A		G600V
Lead frame material	CDA194		CDA194
DAP surface plating	Pre plated LF		Bare Cu
Lead frame plating	NiPdAu		Matte tin
Lead frame paddle size	128 x 164 mils		140 x 160 mils
	See attached pre and post change comparison		

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:

To improve on-time delivery performance by qualifying MTAI as a new assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:June 11, 2021 (date code: 2124)

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

Time Table Summary:

	May 2021					June 2021			
Workweek	19	20	21	22	23	24	25	26	27
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:**May 31, 2021:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on June 11, 2021.

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-27KKIA306_Pre and Post Change Summary.pdf](#)
[PCN_LIAL-27KKIA306_Qual Report.pdf](#)

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

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