

Product Change Notification / LIAL-19YQAV898

Date:

02-Feb-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4647 Final Notice: Qualification of MMT as an additional assembly site for AT24C512C-MAHM-T, AT24C512C-MAHMEU-T and AT24C512C-MAHM-E Atmel catalog part numbers (CPN) available in 8L UDFN (2x3x0.6mm) package.

Affected CPNs:

LIAL-19YQAV898_Affected_CPN_02022022.pdf LIAL-19YQAV898_Affected_CPN_02022022.csv

Notification Text:

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 MMT as an additional assembly site for AT24C512C-MAHM-T, AT24C512C-MAHMEU-T and AT24C512C-MAHM-E Atmel catalog part numbers (CPN) available in 8L UDFN (2x3x0.6mm) package.

Pre and Post Change Summary:

		Pre	Change	Post Change							
Assembly Site		ASE Inc. (ASE)	Amkor Technology Philippines (P3/P4), INC (ATP7)	ASE Inc. (ASE)	Amkor Technology Philippines (P3/P4), INC (ATP7)	Microchip Technology Thailand (Branch) (MMT)					
Wire Material		PdCu	PdCu	PdCu	PdCu	CuPdAu					
Die Attach Material		NEX-130CTX	CRM-1085A	NEX-130CTX	CRM-1085A	8600					
Molding Compound Material		G631H	G700Y	G631H	G700Y	G700LTD					
	Material	C7025	C7025	C7025	C7025	EFTEC-64T					
Lead Frame	DAP Surface Plating	PPF spot	PPF	PPF spot	PPF	PPF					
	Paddle	73 x 67 mils	79 x 67 mils	73 x 67 mils	79 x 67 mils	79 x 67 mils					
	size	See attached pre and post change comparison									

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve on-time delivery performance by qualifying MMT as an additional assembly site

Change Implementation Status: In Progress

Estimated First Ship Date: February 17, 2022 (date code: 2208)

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

Time Table Summary:

	May 2021					>	February 2022					
Workweek	1 9	2 0	2 1	2 2	2 3		0 6	0 7	0 8	0 9	1 0	
Initial PCN Issue			Х									

Date						
Qual Report Availability				Х		
Final PCN Issue Date				Х		
Estimated Implementation Date					Х	

Method to Identify Change: Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: May 21, 2021: Issued initial notification.

February 2, 2022: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on February 17, 2022.

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-19YQAV898 _Pre and Post Change Summary.pdf PCN_LIAL-19YQAV898_Qual_Report.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

Terms and Conditions:

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If you wish to <u>change your PCN profile, including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections. LIAL-19YQAV898 - CCB 4647 Final Notice: Qualification of MMT as an additional assembly site for AT24C512C-MAHM-T, AT24C512C-MAHMEU-T and AT24C512C-MAHM-E Atmel catalog part numbers (CPN) available in 8L UDFN (2x3x0.6mm) package.

Affected Catalog Part Numbers (CPN)

AT24C512C-MAHM-T AT24C512C-MAHMEU-T AT24C512C-MAHM-E