



Product Change Notification: ALAN-09FROY155

Date:

14-Feb-2025

Product Category:

Memory

Notification Subject:

CCB 7367 Final Notice: Qualification of QMI-519 die attach material at MTAI assembly site for AT24C128C-SSHM-B, 24LC128-I/SN, 24AA128-I/SN, 24FC128-I/SN, AT24C128C-SSHM-T, 24LC128T-I/SN, 24AA128T-I/SN, 24FC128T-I/SN, 24LC128T-E/SN, 24FC128T-E/SN, 24LC128-E/SN, and 24FC128-E/SN catalog part numbers (CPN) available in 8L SOIC (3.90mm) package.

Affected CPNs:

[**ALAN-09FROY155_Affected_CPN_02142025.pdf**](#)

[**ALAN-09FROY155_Affected_CPN_02142025.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 QMI-519 die attach material at MTAI assembly site for AT24C128C-SSHM-B, 24LC128-I/SN, 24AA128-I/SN, 24FC128-I/SN, AT24C128C-SSHM-T, 24LC128T-I/SN, 24AA128T-I/SN, 24FC128T-I/SN, 24LC128T-E/SN, 24FC128T-E/SN, 24LC128-E/SN, and 24FC128-E/SN catalog part numbers (CPN) available in 8L SOIC (3.90mm) package.

Pre and Post Summary Changes:

	Pre Change							Post Change
Catalog Part	24LC128-I/SN	AT24C128C-SSHM-B	24LC128-I/SN	24LC128-I/SN	AT24C128C-SSHM-B	AT24C128C-SSHM-B	AT24C128C-SSHM-B	

Numbers (CPN)*	24AA128-I/ SN	AT24C128C -SSHM-T	24AA128-I/ SN	24AA128-I/ SN	24LC128-I/S N	24LC128-I/ SN	24LC128-I/S N
	24FC128-I/ SN		24FC128-I/ SN	24FC128-I/ SN	24FC128-I/ SN	24FC128-I/ SN	24FC128-I/ SN
	24LC128T-I/ SN		24LC128T-I/ SN	24LC128T-I/ SN	AT24C128C -SSHM-T	AT24C128C -SSHM-T	AT24C128C -SSHM-T
	24AA128T-I/ SN		24AA128T-I/ SN	24AA128T-I/ SN	24LC128T-I/ SN	24LC128T-I/ SN	24LC128T-I/ SN
	24FC128T-I/ SN		24FC128T-I/ SN	24FC128T-I/ SN	24AA128T-I/ SN	24AA128T-I/ SN	24AA128T-I/ SN
	24LC128T-E/ SN		24LC128T-E/ SN	24LC128T-E/ SN	24FC128T-E/ SN	24FC128T-E/ SN	24FC128T-E/ SN
	24FC128T-E/ SN		24FC128T-E/ SN	24FC128T-E/ SN	24LC128T-E/ SN	24LC128T-E/ SN	24LC128T-E/ SN
	24LC128-E/ SN		24LC128-E/ SN	24LC128-E/ SN	24FC128T-E/ SN	24FC128T-E/ SN	24FC128T-E/ SN
	24FC128-E/ SN		24FC128-E/ SN	24FC128-E/ SN	24LC128-E/ SN	24LC128-E/ SN	24LC128-E/ SN
					24FC128-E/ SN	24FC128-E/ SN	24FC128-E/ SN
Assembly Site	Microchip Technology Thailand (Branch) (MMT)	Amkor Technology Philippine (P1/P2), INC. (ANAP)	UTAC Thai Limited (UTL-1) LTD. (NSEB)	GREATEK ELETRONIC INC. (GTK)	Microchip Technology Thailand (HQ) (MTAI)	ATX Semicond uctor (Shanghai) Co. Ltd (ASSH)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	Au / CuPdAu	Au / PdCu	Au	Au	Au / CuPdAu	Au / PdCu / CuPdAu	Au / CuPdAu
Die Attach Material	3280 / 8390A	8290	2200D	CRM-1076 DJ-G	8390A	EN-4900G	QMI-519
Molding Compound Material	G600V	G700A / G600	G600	G600	G600V	CEL-9240 HF10AK / G700LY	G600V
Lead-Frame Material**	CDA194	C194	CDA194	CDA194	CDA194	C194	CDA194

Lead-Frame Paddle Size	90 x 90 mils	90 x 90 mils	90 x 90 mils	90 x 90 mils	90 x 90 mils	93 x 93 mils and 98 x 130 mils	90 x 90 mils
Lead-Lock	Yes / No	No	Yes	No	Yes / No	No	Yes
DAP Surface Prep	Ag spot / Bare Cu	PPF	Ag spot	Ag spot	Ag Spot / Bare Cu	Bare Cu	Bare Cu
Lead-frame Design	See Pre and Post Change Comparison						

*Note: There will be no changes in the catalog part numbers (CPN).

**Note: C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability and on time delivery performance by qualifying QMI-519 die attach material at MTAI assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: 30 March 2025 (date code: 2513)

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

Timetable Summary:

	February 2025					March 2025			
Work Week	05	06	07	08	09	10	11	12	13
Qual Report Availability			X						
Final PCN Issue Date			X						

Estimated Implementation Date									X	
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Method to Identify Change: Traceability Code

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

Revision History: February 14, 2025: Issued final notification.

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_ALAN-09FROY155_Qualification_Report.pdf**](#)

[**PCN_ALAN-09FROY155 Pre_and_Post_Change_Summary.pdf**](#)

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

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