



Product Change Notification: ALAN-13CUGT302

Date:

12-Jun-2025

Product Category:

Antifuse Fpgas

Notification Subject:

CCB 7249 Final Notice: Qualification of Lead-Lock Tape for selected A54SX08A, EX256, and EX128 device families available in 100L LQFP (14x14x1.4mm) package.

Affected CPNs:

[ALAN-13CUGT302_Affected_CPN_06122025.pdf](#)
[ALAN-13CUGT302_Affected_CPN_06122025.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 Lead-Lock Tape for selected A54SX08A, EX256, and EX128 device families available in 100L LQFP (14x14x1.4mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Amkor Technology Philippine (P1/P2), INC. (ANAP)
Wire Material	Au	Au
Die Attach Material	AP4200	3230
Molding Compound Material	G631HQ	G631HQ

Lead-Frame Material	C194	C194
Lead-Lock Tape	No	Yes
	See Pre and Post Change Summary attachment for comparison.	

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying lead-lock tape.

Change Implementation Status: In Progress

Estimated First Ship Date: 30 June 2025 (date code: 2527)

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

Timetable Summary:

	November 2024					>	June 2025				
Work Week	44	45	46	47	48		23	24	25	26	27
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_{PCN}_Qual_Report.

Revision History: November 15, 2024: Issued initial notification.

June 12, 2025: Issued final notification. Attached the Qualification Report. Revised the affected parts list to add EX256-TQG100PJ31 catalog part number (CPN) and removed A54SX08A-TQG100-B1, A54SX08A-TQG100I-B1, EX128-PTQG100I-B4, EX128-TQG100-B4, EX128-TQG100I-B4, EX256-PTQG100I-B4, EX256-TQG100-B4 and EX256-TQG100I-B4 internal catalog part numbers (CPN). Provided estimated first ship date to be on June 30, 2025.

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-13CUGT302_Pre and Post Change_Summary.pdf**](#)

[**PCN_ALAN-13CUGT302_Qual Report_Corporate.pdf**](#)

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

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