



Product Change Notification: NTDO-260CVF945

Date:

04-Dec-2024

Product Category:

Memory

Notification Subject:

CCB 7293 Initial Notice: Qualification of OSE as a new assembly site for AT28C010, AT28C010E and AT28LV010 device families available in 32L TSOP (8x18.4x1mm) package.

Affected CPNs:

[NTDO-260CVF945_Affected_CPN_12042024.pdf](#)

[NTDO-260CVF945_Affected_CPN_12042024.csv](#)

PCN Status: Initial 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 OSE as a new assembly site for AT28C010, AT28C010E and AT28LV010 device families available in 32L TSOP (8x18.4x1mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Lingsen Precision Industries, LTD. (LPI)	Orient Semiconductor Electronics, Ltd (OSE)
Wire Material	Au	Au

Die Attach Material	CRM-1033BF	EN-4900GC
Molding Compound Material	G700	G631LT
Lead-Frame Material	C151	C7025
Lead-Frame Paddle Size	394x264 mil	394x276 mil
DAP Surface Prep	Ring	Double Ring Plating
Lead-lock Function	No	Yes (Dimples Bottom Die Paddle)
Leadframe Design	See Pre and Post change for comparison	

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying OSE as a new assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: April 2025

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Timetable Summary:

	December 2024					>	April 2025				
Work Week	49	50	51	52	53		14	15	16	17	18

Initial PCN Issue Date	X										
Qual Report Availability											X
Final PCN Issue Date											X

Method to Identify Change: Traceability Code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: December 4, 2024: Issued Initial Notice

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_NTDO-260CVF945_Qual Plan.pdf**
- PCN_NTDO-260CVF945_Pre and PostChange_Summary.pdf**

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

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