



## Product Change Notification: ALAN-15XDFJ812

### Date:

19-Feb-2025

### Product Category:

Inductive Position Sensors

### Notification Subject:

CCB 7159 Initial Notice: Qualification of 8008MD as a new die attach material for selected LX34070, LX3302A, LX34050 and LX34311 device families available in 14L TSSOP (4.4mm) package.

### Affected CPNs:

[\*\*ALAN-15XDFJ812\\_Affected\\_CPN\\_02192025.pdf\*\*](#)

[\*\*ALAN-15XDFJ812\\_Affected\\_CPN\\_02192025.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 8008MD as a new die attach material for selected LX34070, LX3302A, LX34050 and LX34311 device families available in 14L TSSOP (4.4mm) package.

### Pre and Post Summary Changes:

	Pre Change	Post Change
<b>Assembly Site</b>	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (Branch) (MMT)
<b>Wire Material</b>	Au	Au

<b>Die Attach Material</b>	2200D	8008MD
<b>Molding Compound Material</b>	G600V	G600V
<b>Lead-Frame Material</b>	C7025	C7025

**Impacts to Datasheet:** None

**Change Impact:** None

**Reason for Change:** To improved manufacturability by qualifying 8008MD as a new die attach material.

**Change Implementation Status:** In Progress

**Estimated Qualification Completion Date:** December 2024

**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:**

	September 2024					>	December 2024				
Work Week	36	37	38	39	40		49	50	51	52	53
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:** September 18, 2024: Issued initial notification.

September 19, 2024: Re-issued initial PCN to correct the die attach pre-change material from 3280 to 2200D.

November 08, 2024: Re-issued initial PCN to update affected parts list to add CPN LX3302AQPW-TR-C01 and remove LX34211QPW-TR, LX34211QPW-TR-VAO, LX3301AQPW and LX3301AQPW-TR catalog part numbers. Revised "Notification Subject", "Description of Change" and "Qualification Plan" title to reflect the removed parts numbers. Updated Pre and Post Change Summary table to include Lead-frame paddle size and DAP Surface Prep. Added Pre and post change comparison for the Lead-frame drawing.

February 19, 2025: Re-issued initial PCN. Updated Pre and Post Change Summary table by removing the Lead-frame paddle size and DAP Surface Prep, as there no changes to these. Removed Pre and post change comparison for the Lead-frame drawing. Updated the affected parts list.

**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-15XDFJ812\\_Qual\\_Plan.pdf\*\*](#)

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

## Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our **PCN home page** select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the **PCN FAQ** section.

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