



Product Change Notification: DSNO-13ILTQ928

Date:

15-Nov-2024

Product Category:

Battery Management and Fuel Gauges - Battery Chargers, Memory

Notification Subject:

CCB 7273 Initial Notice: Qualification of 8008MD as a new die attach material and CuPdAu as a new wire material for selected various products available in 5L SOT-23 package assembled at MTAI.

Affected CPNs:

DSNO-13ILTQ928_Affected_CPN_11152024.pdf

DSNO-13ILTQ928_Affected_CPN_11152024.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 and CuPdAu as a new wire material for selected various products available in 5L SOT-23 package assembled at MTAI.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	Au	CuPdAu

Die Attach Material	8390A	8008MD
Molding Compound Material	G600V	G600V
Lead-Frame Material	CDA194	A194
Lead-Frame Design	See Pre and Post Change Summary attachment for comparison.	
DAP Surface Prep	Ag Spot Plated	Ag Single Ring Plated

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 by qualifying 8008MD as a new die attach material and CuPdAu as a new wire 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:

Final PCN Issue Date									X
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Method to Identify Change: Traceability Code

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

Revision History: November 18, 2024: Issued initial 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_DSNO-13ILTQ928_Pre and Post Change Summary.pdf**](#)

[**PCN_DSNO-13ILTQ928_Qual_Plan.pdf**](#)

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

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