



Product Change Notification: MFOL-05GZOL122

Date:

06-Jan-2025

Product Category:

Linear Regulators

Notification Subject:

CCB 7348 Initial Notice: Qualification of palladium coated copper with gold flash (CuPdAu) as a new bond wire material for selected TC1073 and TC1072 device families available in 6L SOT-23 package at MTAI assembly site.

Affected CPNs:

[MFOL-05GZOL122_Affected_CPN_01062025.pdf](#)

[MFOL-05GZOL122_Affected_CPN_01062025.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 palladium coated copper with gold flash (CuPdAu) as a new bond wire material for selected TC1073 and TC1072 device families available in 6L SOT-23 package at MTAI assembly site.

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	8900NC	8900NC
Molding Compound Material	G600V	G600V
Lead-Frame Material	CDA194	A194
Lead-Frame DAP Surface Prep	Ag Spot Plated	Ag Single Ring Plated
Lead-Frame Design	See pre and post change for comparison.	

*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 palladium coated copper with gold flash (CuPdAu) as a new bond wire material.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: February 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:

	January 2025					February 2025			
Work Week	01	02	03	04	05	06	07	08	09
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: January 08, 2025: 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_MFOL-05GZOL122_Pre and Post Change Summary.pdf**](#)

[**PCN_MFOL-05GZOL122_Qualification Plan.pdf**](#)

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

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