



Product Change Notification: MFOL-05GZOL122

Date:

19-Jun-2025

Product Category:

Linear Regulators

Notification Subject:

CCB 7348 Final 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_06192025.pdf**](#)

[**MFOL-05GZOL122_Affected_CPN_06192025.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 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 Treatment	non-BOT		BOT	
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 First Ship Date: 12 July 2025 (date code: 2528)

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

Timetable Summary:

	January 2025					>	June 2025					July 2025				
	01	02	03	04	05		23	24	25	26	27	28	29	30	31	
Work Week																
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 Number}_Qual_Report.

Revision History: January 08, 2025: Issued initial notification.

June 19, 2025: Issued final notification. Attached the Qualification Report. Provided the estimated first ship date to be on July 12, 2025. Revised Pre and post change to reflect change in Lead-Frame Treatment.

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 Qualification_Report.pdf](#)

[PCN_MFOL-05GZOL122 Pre_and_Post_Change_Summary.pdf](#)

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

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