



Product Change Notification: MFOL-14SZFV997

Date:

23-Sep-2025

Product Category:

Power Management - Power Switches, Power MOSFET Drivers

Notification Subject:

CCB 7794 Initial Notification: Qualification of Matte Sn as a new lead plating for MIC94080YFT-TR, MIC94081YFT-TR, MIC94082YFT-TR, MIC94083YFT-TR, MIC94084YFT-TR, MIC94085YFT-TR, SPN015011-TR, MIC94043YFL-TR, MIC94044YFL-TR, MIC94045YFL-TR, MIC94040YFL-TR, MIC94041YFL-TR, MIC94042YFL-TR, MIC5019YFT-T5, MIC5019YFT-TR, MIC4415YFT-T5, MIC4414YFT-T5, MIC4414YFT-TR, and MIC4415YFT-TR catalog part numbers (CPN) available in 4L UDFN (0.85x0.85x0.6mm) and 4L UDFN (1.2x1.2x0.6mm) packages at UNIS assembly site.

Affected CPNs:

[MFOL-14SZFV997_Affected_CPN_09232025.pdf](#)

[MFOL-14SZFV997_Affected_CPN_09232025.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 Matte Sn as a new lead plating for MIC94080YFT-TR, MIC94081YFT-TR, MIC94082YFT-TR, MIC94083YFT-TR, MIC94084YFT-TR, MIC94085YFT-TR, SPN015011-TR, MIC94043YFL-TR, MIC94044YFL-TR, MIC94045YFL-TR, MIC94040YFL-TR, MIC94041YFL-TR, MIC94042YFL-TR, MIC5019YFT-T5, MIC5019YFT-TR, MIC4415YFT-T5, MIC4414YFT-T5, MIC4414YFT-TR, and MIC4415YFT-TR catalog part numbers (CPN) available in 4L UDFN (0.85x0.85x0.6mm) and 4L UDFN (1.2x1.2x0.6mm) packages at UNIS assembly site.

Pre and Post Summary Changes:

	Pre Change	Post Change

Assembly Site		Unisem (M) Berhad Perak, Malaysia (UNIS)	Unisem (M) Berhad Perak, Malaysia (UNIS)
Molding Compound Material		G770HCD	G770HCD
Lead-Frame Material	4L UDFN (1.2x1.2x0.6mm)	A194FH	A194FH
		A194ESH	A194ESH
	4L UDFN (0.85x0.85x0.6mm)	A194ESH	A194ESH
Lead-Frame DAP Surface Prep		Cu	Cu
Lead Plating		NiPdAu	Matte Sn
		See Pre and Post change summary for comparison.	

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve productivity by qualifying Matte Sn as a new lead plating.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: January 2026

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:

	August 2025					>	January 2026				
Work Week	32	33	34	35	36		01	02	03	04	05

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: August 20, 2025: Issued initial notification.

September 23, 2025: Re-issued initial notification to update the LF drawings in the Pre and Post Change attachment.

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-14SZFV997 Pre and Post Change Summary.pdf

PCN_MFOL-14SZFV997_Qualification Plan.pdf

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

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