



Product Change Notification: MFOL-04DLER345

Date:

15-Jun-2026

Product Category:

Clock And Timing - High Speed Communication, Linear Regulators, Power Management - PMIC

Notification Subject:

CCB 8228 Initial Notice: Qualification of Matte Sn as a new lead plating for MIC5380-PPYFT-TR, MIC5381-PPYFT-TR, MIC23451-AAAYFL-T5, MIC5380-MGYFT-TR, MIC5381-G4YFT-TR, SPN025013-TR, MIC5380-LLYFT-TR, MIC5380-SSYFT-TR, MIC5380-M4YFT-TR, MIC5380-NGYFT-TR, MIC23451-AAAYFL-TR, MIC5380-G4YFT-TR, MIC5381-MGYFT-TR, MIC5381-M4YFT-TR, MIC5380-KHYFT-TR, SPN025012-TR, MIC3003GFL, MIC3003GFL-TR, SPN950003, SPN950003-TR, and MIC5381-SSYFT-TR catalog part numbers (CPN) available in 6L UQFN (1x1x0.6mm), 24L VQFN (3x3x0.9mm) and 26L VQFN (4x4x0.9mm) packages.

Affected CPNs:

[MFOL-04DLER345_Affected_CPN_06152026.pdf](#)

[MFOL-04DLER345_Affected_CPN_06152026.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 MIC5380-PPYFT-TR, MIC5381-PPYFT-TR, MIC23451-AAAYFL-T5, MIC5380-MGYFT-TR, MIC5381-G4YFT-TR, SPN025013-TR, MIC5380-LLYFT-TR, MIC5380-SSYFT-TR, MIC5380-M4YFT-TR, MIC5380-NGYFT-TR, MIC23451-AAAYFL-TR, MIC5380-G4YFT-TR, MIC5381-MGYFT-TR, MIC5381-M4YFT-TR, MIC5380-KHYFT-TR, SPN025012-TR, MIC3003GFL, MIC3003GFL-TR, SPN950003, SPN950003-TR, and MIC5381-SSYFT-TR catalog part numbers (CPN) available in 6L UQFN (1x1x0.6mm), 24L VQFN (3x3x0.9mm) and 26L VQFN (4x4x0.9mm) packages.

Pre and Post Summary Changes:

		Pre Change	Post Change	Change (Yes/No)
Assembly Site		Unisem (M) Berhad Perak, Malaysia (UNIS)	Unisem (M) Berhad Perak, Malaysia (UNIS)	No
Molding Compound Material		G770HCD	G770HCD	No
Lead-Frame Material	6L UQFN (1x1x0.6mm)	A194FH	A194ESH	No
	24L VQFN (3x3x0.9mm)	A194FH	A194FH	No
	26L VQFN (4x4x0.9mm)	A194FH	A194FH	No
Lead-Frame Plating	NiPdAu		Matte Sn	Yes

Note: A194, A194FH and A194ESH Lead Frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Datasheet: Yes.

Note: Microchip will issue separate PCN for datasheet update.

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: October 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:

	June 2026					>	October 2026				
Work Week	23	24	25	26	27		40	41	42	43	44

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: June 15, 2026: 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-04DLER345_Qual_Plan.pdf](#)

[PCN_MFOL-04DLER345_Pre and Post Change Summary.pdf](#)

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

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