



Product Change Notification: MFOL-27IWXP920

Date:

30-Sep-2026

Product Category:

Digital Temperature Sensors, Temperature Sensors

Notification Subject:

CCB 8522 Final Notice: Qualification of G700LTD as a new mold compound material for MCP9902T-1E/RW, MCP9902T-2E/RW, MCP9902T-AE/RW, and EMC1462T-AE/RW catalog part numbers (CPN) available in 8L WDFN (2x2x0.8mm) package at NSEB (UTL-1) assembly site.

Affected CPNs:

[MFOL-27IWXP920_Affected_CPN_09302026.pdf](#)

[MFOL-27IWXP920_Affected_CPN_09302026.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 G700LTD as a new mold compound material for MCP9902T-1E/RW, MCP9902T-2E/RW, MCP9902T-AE/RW, and EMC1462T-AE/RW catalog part numbers (CPN) available in 8L WDFN (2x2x0.8mm) package at NSEB (UTL-1) assembly site.

Pre and Post Summary Changes:

	Pre Change	Post Change	Change (Yes/No)
Assembly Site	UTAC Thai Limited (UTL-1) Ltd. (NSEB)	UTAC Thai Limited (UTL-1) Ltd. (NSEB)	No
Wire Material	Au	Au	No

Die Attach Material	8008HT (PFAS-Free)	8008HT (PFAS-Free)	No
Molding Compound Material	G770HCD	G700LTD	Yes
Lead-Frame Material	EFTEC-64T	EFTEC-64T	No
Lead-Frame Lead Lock	Yes (U-groove)	Yes (Dimple)	Yes
Lead-Frame Design	See 'Pre and Post Change Summary' attachment for comparison.		Yes

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying G700LTD as a new mold compound material at NSEB (UTL-1) assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: 25 December 2026 (date code: 2652)

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

Timetable Summary:

	September 2026					>	December 2026				
Work Week	36	37	38	39	40		49	50	51	52	53
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_#_Qual_Report.

Note: This is a qualification by similarity (QBS) to CCB# 4517.

Revision History: September 30, 2026: Issued final 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-27IWXP920_Pre and Post_Change_Summary.pdf

PCN_MFOL-27IWXP920_Qual Report_CCB4517.pdf

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

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