



## Product Change Notification: DSNO-07XDFE076

**Date:**

25-Nov-2025

**Product Category:**

Power MOSFET Drivers

**Notification Subject:**

CCB 7738 Final Notice: Qualification of CRM-1151GA as new die attach material for selected MCP1404, MCP1406, MCP1407, MCP14E4, TC1410, TC1410N, TC1411, TC1411N, TC1412, TC1412N, TC1413, TC1413N, TC429, TC4420, TC4421A, TC4422A, TC4423A, TC4424A, TC4426A, TC4427, TC4427A, TC4429, TC4431, TC4432, TC4451 and TC4452 device families available in 8L SOIC (3.90mm) package at MMT and MTAI assembly sites.

**Affected CPNs:**

[DSNO-07XDFE076\\_Affected\\_CPN\\_11252025.pdf](#)  
[DSNO-07XDFE076\\_Affected\\_CPN\\_11252025.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 CRM-1151GA as new die attach material for selected MCP1404, MCP1406, MCP1407, MCP14E4, TC1410, TC1410N, TC1411, TC1411N, TC1412, TC1412N, TC1413, TC1413N, TC429, TC4420, TC4421A, TC4422A, TC4423A, TC4424A, TC4426A, TC4427, TC4427A, TC4429, TC4431, TC4432, TC4451 and TC4452 device families available in 8L SOIC (3.90mm) package at MMT and MTAI assembly sites.

**Pre and Post Summary Changes:**

	Pre Change	Post Change	Change (Yes/No)

<b>Assembly Site</b>	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (Branch) (MMT)	Microchip Technology Thailand (HQ) (MTAI)	No
<b>Wire Material</b>	Au	Au	Au	Au	No
<b>Die Attach Material</b>	8900NC (PFAS)	8900NC (PFAS)	CRM-1151GA (PFAS Free)		Yes
<b>Molding Compound Material</b>	G600V	G600V	G600V	G600V	No
<b>Lead-Frame Material</b>	CDA194	CDA194	CDA194	CDA194	No

**Impacts to Datasheet:** None

**Change Impact:** None

**Reason for Change:** To improve manufacturability by qualifying CRM-1151GA as a new die attach to standardize the use of PFAS-free material.

**Change Implementation Status:** In Progress

**Estimated First Ship Date:** 15 December 2025 (date code: 2551)

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

**Timetable Summary:**

	August 2025					>	November 2025				December 2025					
Work Week	31	32	33	34	35		44	45	46	47	48	49	50	51	52	53
<b>Initial PCN Issue Date</b>			x													
<b>Qual Report Availability</b>											x					
<b>Final PCN Issue Date</b>											x					
<b>Estimated Implementation Date</b>												x				

**Method to Identify Change:** Traceability Code

**Qualification Report:** Please open the attachments included with this PCN labeled as PCN\_{PCN}\_Qual\_Report.

**Revision History:** August 12, 2025: Issued initial notification.

November 25, 2025: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on December 15, 2025. Added column "Change (Yes/No)" in the pre and post change table.

**Note:** The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

**Attachments:**

[\*\*PFAS Elimination and Die Attach\\_Explanation.pdf\*\*](#)  
[\*\*PCN\\_DSNO-07XDFE076\\_Qual\\_Report.pdf\*\*](#)

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

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