



Product Change Notification: DSNO-07XDFE076

Date:

12-Aug-2025

Product Category:

Power MOSFET Drivers

Notification Subject:

CCB 7738 Initial 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_08122025.pdf](#)

[DSNO-07XDFE076_Affected_CPN_08122025.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 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	
Assembly Site	Microchip Technology Thailand (Branc	Microchip Technology	Microchip Technology Thailand (Branc	Microchip Technology

	h) (MMT)	Thailand (HQ) (MTAI)	h) (MMT)	Thailand (HQ) (MTAI)
Wire Material	Au	Au	Au	Au
Die Attach Material	8900NC	8900NC	*CRM-1151GA	*CRM-1151GA
Molding Compound Material	G600V	G600V	G600V	G600V
Lead-Frame Material	CDA194	CDA194	CDA194	CDA194

*Note: CRM-1151GA is PFAS-free die attach material.

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 Qualification Completion Date: September 2025

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					September 2025				
Work Week	31	32	33	34	35	36	37	38	39	40
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 12, 2025: 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_DSNO-07XDFE076_Qualification_Plan.pdf**](#)

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

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