



Product Change Notification: ALAN-14VRUM517

Date:

02-May-2025

Product Category:

Power Discrete Components

Notification Subject:

CCB 7029.001 Final Notice: Implementation of Die Overcoat material with Polyimide layer for MSC025SMA330D/S, MSC080SMA330D/S, MSC400SMA330D/S, and MSC027SMA330D/S catalog part numbers (CPN) available in DICE package in XFTX fabrication location.

Affected CPNs:

[ALAN-14VRUM517_Affected_CPN_05022025.pdf](#)

[ALAN-14VRUM517_Affected_CPN_05022025.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: Implementation of Die Overcoat material with Polyimide layer for MSC025SMA330D/S, MSC080SMA330D/S, MSC400SMA330D/S, and MSC027SMA330D/S catalog part numbers (CPN) available in DICE package in XFTX fabrication location.

Pre and Post Summary Changes:

	Pre Change	Post Change
Fabrication Location	X-Fab Silicon Foundries (XFTX)	X-Fab Silicon Foundries (XFTX)
Die Overcoat Material	Without Polyimide layer	With Polyimide layer

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by implementing of Die Overcoat material (Polyimide layer).

Change Implementation Status: In Progress

Estimated First Ship Date: 18 May 2025 (date code: 2520)

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

Timetable Summary:

	April 2025					May 2025			
Work Week	14	15	16	17	18	19	20	21	22
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.

Revision History: April 23, 2025: Issued final notification.

May 02, 2025: Re-issued final notification to correct a typo error 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:

PCN_ALAN-14VRUM517 Qualification Report.pdf

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

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