

Product Change Notification / JAON-12ULDX371

Date:

03-May-2023

Product Category:

Power Discrete Components

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5286 Final Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as an additional fabrication site for selected 1700V SiC Schottky Barrier Diode (SBD) products of MSC010SDA170xx, MSC030SDA170xx, MSC050SDA170xx, MSC2X3xSDA170J, and MSC2X5xSDA170J device families available in die sales products, 2L TO-247, and 4L SOT-227 packages.

Affected CPNs:

JAON-12ULDX371_Affected_CPN_05032023.pdf JAON-12ULDX371_Affected_CPN_05032023.csv

Notification Text:

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 Microchip Technology Colorado – Fab 5 (MCSO) as an additional fabrication site for selected 1700V SiC Schottky Barrier Diode (SBD) products of MSC010SDA170xx, MSC030SDA170xx, MSC050SDA170xx, MSC2X3xSDA170J, and MSC2X5xSDA170J device families available in die sales products, 2L TO-247, and 4L SOT-227 packages.

Pre and Post Change Summary:

	Pre Change	Post Change				
Fabrication Site	X-Fab Silicon Foundries	X-Fab Silicon Foundries	Microchip Technology Colorado – Fab 5 (MCSO)			
	(XFTX)	(XFTX)				
Certification	ISO 9001	ISO 9001	ISO9001/ ISO41001/ IATF16949			

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve productivity and on-time delivery performance by qualifying MCSO as an additional fabrication site.

Change Implementation Status: In Progress

Estimated First Ship Date: May 30, 2023 (date code: 2322)

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

Time Table Summary:

	September 2022				>	May 2023					
Workweek	3	3	3	3	4		1	1	2	2	2
	6	7	8	9	0		8	9	0	1	2
Initial PCN Issue											
Date				X							
Qual Report							v				
Availability							Х				
Final PCN Issue											
Date							Х				
Estimated											
Implementation											х
Date											

Method to Identify Change: Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: September 20, 2022: Issued initial notification.

May 3, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on May 30, 2023.

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

Attachments:

PCN_JAON-12ULDX371_Qual Report.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

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If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections. JAON-12ULDX371 - CCB 5286 Final Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as an additional fabrication site for selected 1700V SiC Schottky Barrier Diode (SBD) products of MSC010SDA170xx, MSC030SDA170xx, MSC030SDA170xx, MSC2X3xSDA170J, and MSC2X5xSDA170J device families available in die sales products, 2L TO-247, and 4L SOT-227 packages.

Affected Catalog Part Numbers (CPN)

MSC010SDA170B MSC010SDA170D/S MSC030SDA170B MSC030SDA170D/S MSC050SDA170D/S MSC050SDA170D/S MSC2X30SDA170J MSC2X31SDA170J MSC2X50SDA170J MSC2X51SDA170J