

#### **Product Change Notification / JAON-12ULDX371**

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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	X-Fab Silicon	Microchip Technology			
	Foundries	Foundries	Colorado – Fab 5 (MCSO)			
	(XFTX)	(XFTX)	,			
Certification	ISO 9001	ISO 9001	ISO9001/ ISO41001/			
	130 9001	130 9001	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				Х							
Qual Report							V				
Availability							Х				
Final PCN Issue							v				
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.

#### **Terms and Conditions:**

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

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.

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Affected Catalog Part Numbers (CPN)

MSC010SDA170B

MSC010SDA170D/S

MSC030SDA170B

MSC030SDA170D/S

MSC050SDA170B

MSC050SDA170D/S

MSC2X30SDA170J

MSC2X31SDA170J

MSC2X50SDA170J

MSC2X51SDA170J

Date: Wednesday, May 03, 2023