

Product Change Notification / CENO-11DVIL347

Date:

12-May-2023

Product Category:

Power Discrete Components

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6196 Initial Notice: Qualification Microchip Technology Colorado – Fab 5 (MCSO) as an additional fabrication site for selected 700V, 1200V and 1700V SiC MOSFET products of MSCxxxSMA070xx, MSCxxxSMA120xx, MSCxxxSMA170xx device families available in die sales products, 2L TO-268, 4L SOT-227, 3L/4L TO-247 and 7L TO-263.

Affected CPNs:

CENO-11DVIL347_Affected_CPN_05122023.pdf CENO-11DVIL347_Affected_CPN_05122023.csv

Notification Text:

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 Microchip Technology Colorado – Fab 5 (MCSO) as an additional fabrication site for selected 700V, 1200V and 1700V SiC MOSFET products of MSCxxxSMA070xx, MSCxxxSMA120xx, MSCxxxSMA170xx device families available in die sales products, 2L TO-268, 4L SOT-227, 3L/4L TO-247 and 7L TO-263.

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 Qualification Completion Date:September 2023

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.

Time Table Summary:

	May 2023				>	September 2023					
Workweek	1	1	2	2	2		3	3	3	3	3
	8	9	0	1	2		5	6	7	8	9
Initial PCN Issue		v									
Date		Х									
Qual Report											v
Availability											Х
Final PCN Issue											
Date											Х

Method to Identify Change:Traceability code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: May 12, 2023: Issued initial notification.

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

Attachments:

PCN_CENO-11DVIL347_Qual Plan.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 PCN home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the PCN FAQ 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. CENO-11DVIL347 - CCB 6196 Initial Notice: Qualification Microchip Technology Colorado – Fab 5 (MCSO) as an additional fabrication site for selected 700V, 1200V and 1700V SiC MOSFET products of MSCxxxSMA070xx, MSCxxxSMA120xx, MSCxxxSMA170xx device families available in die sales products, 2L TO-268, 4L SOT-227, 3L/4L TO-247 and 7L TO-263.

Affected Catalog Part Numbers (CPN)

MSC035SMA070B MSC035SMA070B4 MSC035SMA070S MSC017SMA120B MSC017SMA120B4 MSC017SMA120S MSC017SMA120J MSC040SMA120B MSC040SMA120B4 MSC040SMA120S MSC040SMA120J MSC040SMA120S/TR MSC035SMA170B MSC035SMA170B4 MSC035SMA170S MSC015SMA070B MSC015SMA070B4 MSC015SMA070S MSC180SMA120B MSC180SMA120S MSC180SMA120SA MSC360SMA120B MSC360SMA120S MSC360SMA120SA MSC025SMA120B MSC025SMA120B4 MSC025SMA120S MSC025SMA120J MSC080SMA120B MSC080SMA120B4 MSC080SMA120S MSC080SMA120J MSC750SMA170B MSC750SMA170B4 MSC750SMA170S MSC750SMA170SA MSC090SMA070B MSC090SMA070S MSC090SMA070SA MSC060SMA070B MSC060SMA070B4 MSC060SMA070S