



Final Product/Process Change Notification

Document #:FPCN24399X

Issue Date:24 Nov 2021

Title of Change:	FDMS4D0N12C RDSON Parameters Maximum Limit Update										
Proposed First Ship date:	03 Mar 2022 or earlier if approved by customer										
Contact Information:	Contact your local onsemi Sales Office or RamilAngelo.Nonato@onsemi.com										
PCN Samples Contact:	Contact your local onsemi Sales Office or < PCN.samples@onsemi.com >. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.										
Additional Reliability Data:	Contact your local onsemi Sales Office										
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com										
Marking of Parts/ Traceability of Change:	Per lot number/date code										
Change Category:	Test Change										
Change Sub-Category(s):	Datasheet/Product Doc change										
Sites Affected:											
onsemi Sites	External Foundry/Subcon Sites										
onsemi Cebu, Philippines	None										
Description and Purpose:											
Please refer to below RDSON limits change for FDMS4D0N12C device based on the actual device performance and qualification history.											
<table><thead><tr><th>Conditions</th><th>Before Change Description</th><th>After Change Description</th></tr></thead><tbody><tr><td>VGS = 10 V, ID = 67 A</td><td>Max: 4 mΩ</td><td>Max: 4.4 mΩ</td></tr><tr><td>VGS = 6 V, ID = 33 A</td><td>Max: 8 mΩ</td><td>Max: 8.8 mΩ</td></tr></tbody></table>	Conditions	Before Change Description	After Change Description	VGS = 10 V, ID = 67 A	Max: 4 mΩ	Max: 4.4 mΩ	VGS = 6 V, ID = 33 A	Max: 8 mΩ	Max: 8.8 mΩ		
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Reliability Data Summary:											
Not Applicable											
Electrical Characteristics Summary:											
Detail of electrical characterization result is available upon request.											
List of Affected Parts:											
<i>Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the PCN Customized Portal.</i>											
Part Number	Qualification Vehicle										
FDMS4D0N12C	NA										