



## Final Product/Process Change Notification

Document #:FPCN23563X

Issue Date:09 Sep 2020

<b>Title of Change:</b>	Update Datasheet limit for MBR3045WTG 30A/45V Schottky	
<b>Proposed First Ship date:</b>	16 Dec 2020 or earlier if approved by customer	
<b>Contact Information:</b>	Contact your local ON Semiconductor Sales Office or <a href="mailto:Phuong.Hoang@onsemi.com">Phuong.Hoang@onsemi.com</a>	
<b>PCN Samples Contact:</b>	Contact your local ON Semiconductor Sales Office or < <a href="mailto:PCN.samples@onsemi.com">PCN.samples@onsemi.com</a> >. 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.	
<b>Additional Reliability Data:</b>	Contact your local ON Semiconductor Sales Office	
<b>Type of Notification:</b>	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <a href="mailto:PCN.Support@onsemi.com">PCN.Support@onsemi.com</a>	
<b>Marking of Parts/ Traceability of Change:</b>	Clean date code will be advised upon of request	
<b>Change Category:</b>	Wafer Fab Change, High temperature electrical limit change	
<b>Change Sub-Category(s):</b>	Datasheet/Product Doc change	
<b>Sites Affected:</b>		
<b>ON Semiconductor Sites</b>	<b>External Foundry/Subcon Sites</b>	
- Internal Site not in list -	None	
<b>Description and Purpose:</b>		
This Final PCN is to announce the change of the high temperature (125degC) forward voltage limit for 30A/45V Schottky device.		
Item	Change from	Change to
VF@20A, 125C	0.6 V	0.62V
As this change affects only the high temperature electrical characteristic, only required characterization testing and no product reliability required. This change is a correction to the clerical error on the datasheet, there will be no change to the electrical or thermal performance of the device.		
<b>Electrical Characteristics Summary:</b>		
Electrical characteristics are not impacted.		
<b>List of Affected Parts:</b>		
<i><b>Note:</b> 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 <u><a href="#">PCN Customized Portal</a></u>.</i>		
<b>Part Number</b>	<b>Qualification Vehicle</b>	
MBR3045WTG	NA	