



<b>Title of Change:</b>	Datasheet Correction For 900V Commercial SIC MOSFET	
<b>Effective date:</b>	06 May 2021	
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or <a href="mailto:CheePin.Tay@onsemi.com">CheePin.Tay@onsemi.com</a>	
<b>Type of notification:</b>	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.	
<b>Change Category:</b>	Datasheet Update	
<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>	
None	None	
<b>Description and Purpose:</b>		
<p>Datasheet correction for 900V Commercial SIC MOSFET – Change in DC specification.</p> <ol style="list-style-type: none"> <li>1. Revise absolute max rating for VGS(max) from +19V/-10V to +22V/-8V.</li> <li>2. Revise IGSS VGS forcing voltage from +19V/-10V to +22V/-8V.</li> <li>3. Add R<sub>DS(on)</sub>@VGS=18V with typical value.</li> <li>4. Removal of IDSC which was derived from simulation result and is not require in the datasheet</li> </ol> <p>Above changes in datasheet will not affect form, fit &amp; function of the products.</p>		
<b>List of Affected Standard Parts:</b>		
<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 <b>PCN Customized Portal</b>.</i>		
NTBG020N090SC1	NTBG060N090SC1	NTHL060N090SC1
NTHL020N090SC1		



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**Appendix A: Changed Products**

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**PCN#: PB24009X**  
**Issue Date: May 06, 2021**

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NTBG020N090SC1		NTBG020N090SC1		
NTHL060N090SC1		NTHL060N090SC1		
NTHL020N090SC1		NTHL020N090SC1		