



## Final Product/Process Change Notification

Document #:FPCN23130X

Issue Date:19 Feb 2020

<b>Title of Change:</b>	Production Module Burn- In Condition Change for PIM SiC Mosfet.	
<b>Proposed First Ship date:</b>	26 May 2020 or earlier if approved by customer	
<b>Contact Information:</b>	Contact your local ON Semiconductor Sales Office or Way-Shan.Yong@onsemi.com	
<b>PCN Samples Contact:</b>	Contact your local ON Semiconductor 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.	
<b>Additional Reliability Data:</b>	Contact your local ON Semiconductor Sales Office or Choonbae.Park@onsemi.com	
<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 PCN.Support@onsemi.com	
<b>Marking of Parts/ Traceability of Change:</b>	No change	
<b>Change Category:</b>	Burn in condition change, Test Change	
<b>Change Sub-Category(s):</b>	Manufacturing Process Change	
<b>Sites Affected:</b>		
<b>ON Semiconductor Sites</b>	<b>External Foundry/Subcon Sites</b>	
ON Semiconductor Seremban, Malaysia	None	
ON Semiconductor Shenzhen, China		
<b>Description and Purpose:</b>		
<p>This FPCN announces the change in burn in conditions for PIM module. The change is planned at ON Semiconductor Shenzhen, China and ON Semiconductor Seremban Malaysia.</p> <p>Upon the expiration of this PCN, PIM modules production at ON Semiconductor Shenzhen, China and ON Semiconductor Seremban, Malaysia will be ran with new burn-in condition. Products has been qualified to industrial requirements and meeting customer product requirements.</p>		
	<b>Before Change Description</b>	<b>After Change Description</b>
<b>Other Changes</b>	Module Burn-In Biasing condition 170C, VGS 25V, 48hrs	Module Burn-In Biasing condition 170C, VGS 28V, 5hrs
<p>There are no product material changes as a result of this change.</p> <p>There is no product marking change as a result of this change</p>		
<b>Reliability Data Summary:</b>		
No reliability test is required for this change.		

**Electrical Characteristics Summary:**

Electrical characteristics are not impacted.

**List of Affected Parts:**

**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**.

Part Number	Qualification Vehicle
NXH40B120MNQ0SNG	NXH40B120MNQ0SNG
NXH80B120MNQ0SNG	NXH40B120MNQ0SNG
NXH40B120MNQ1SNG	NXH40B120MNQ0SNG