



Title of Change:	PIM 1100V Q2PACK Alternate Fab Irradiation Site CN75 Qualification.						
Proposed first ship date:	30 January 2019 or earlier upon customer approval						
Contact information:	Contact your local ON Semiconductor Sales Office or <way-shan.yong@onsemi.com>						
Samples:	Contact your local ON Semiconductor Sales Office or <PCN.samples@onsemi.com>						
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or <Choonbae.Park@onsemi.com>						
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. 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>						
Change Part Identification:	Product date code WW52 onwards						
Change Category:	<input checked="" type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other _____						
Change Sub-Category(s):	<input checked="" type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Other: _____						
Sites Affected:	ON Semiconductor Sites: None		External Foundry/Subcon Sites: BGS Beta Gamma Services, Germany				
Description and Purpose:							
This FPCN announces the addition of CN75 alternate irradiation site for PIM 1100V Q2PACK to increase capacity and manufacturing flexibility.							
Q2PACK:							
	Item to be changed	Irradiation Site Before Change Description	Irradiation Site After Change Description				
	CN75 Alternate Irradiation Site	Sterigenics, USA	BGS, Germany Sterigenics, USA				
Reliability Data Summary:							
QV DEVICE NAME : CN75 FS III with discrete package (TO247)							
RMS: 48967							
	Test	Specification	Condition	Interval	Lot 1	Lot 2	Lot 3
	HTRB	JESD22-A108	Tj 150C, Vce=520V (with CN75 FS III, TO247)	504, 1008 hrs	0/77 0/77	0/77 0/77	0/77 0/77

**Electrical Characteristic Summary:**

No significant electrical characteristic impacted by this change. Product performance meets data sheet specifications. Characterization data is available upon request.

List of Affected Parts:

Part Number	Qualification Vehicle
NXH80T120L2Q0S2G	SNXH100M65L3Q2F2PG
NXH80T120L2Q0S2TG	SNXH100M65L3Q2F2PG
SNXH100M65L3Q2F2PG	SNXH100M65L3Q2F2PG
SNXH80T120L2Q0P2G	SNXH100M65L3Q2F2PG
SNXH80T120L2Q0S2G	SNXH100M65L3Q2F2PG
XCSNXH100M65L3Q2F2PG	SNXH100M65L3Q2F2PG
XCSNXH80T120L2Q0P2G	SNXH100M65L3Q2F2PG