



Update Notification

Document # : FPCN20930XA1

Issue Date: 8 May 2017

Title of Change:	Update Notice to FPCN20930XA - Die Shrink- Guard Ring Width modification.																	
Proposed first ship date:	31 July 2017																	
Contact information:	Contact your local ON Semiconductor Sales Office or <SitiNurhaza.MohdRamli@onsemi.com>																	
Samples:	Contact your local ON Semiconductor Sales Office																	
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or <MohdAzizi.Azman@onsemi.com>																	
Type of notification:	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 category:	☒ Wafer Fab Change ☐ Assembly Change ☐ Test Change ☐ Other _____																	
Change Sub-Category(s): ☐ Manufacturing Site Change/Addition ☒ Manufacturing Process Change ☐ Material Change ☒ Product specific change ☐ Datasheet/Product Doc change ☐ Shipping/Packaging/Marking ☐ Other: _____																		
Sites Affected: ☒ All site(s) ☐ not applicable ☐ ON Semiconductor site(s) : ☐ External Foundry/Subcon site(s)																		
Description and Purpose: This Update Notification announces to customers that Die Shrink- Guard Ring Width change as below: <table border="1" style="width: 100%; text-align: center;"> <thead> <tr style="background-color: #92d050;"> <th>Material to be changed</th> <th>Before Change Description</th> <th>After Change Description</th> </tr> </thead> <tbody> <tr> <td>Back metal thickness</td> <td>12kA Au</td> <td>8kA Au</td> </tr> <tr> <td>Die Shrink- Guard Ring Width</td> <td>2mils</td> <td>1mils</td> </tr> </tbody> </table> FPCN20930XA was previously released to qualify Power Schottky Back Metal Thinning with Die Shrink.				Material to be changed	Before Change Description	After Change Description	Back metal thickness	12kA Au	8kA Au	Die Shrink- Guard Ring Width	2mils	1mils						
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List of Affected Standard Parts: <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Part Number</th> <th style="width: 50%;">Qualification Vehicle</th> </tr> </thead> <tbody> <tr><td>MBR0520LT1G</td><td rowspan="14" style="text-align: center; vertical-align: middle;">NRVB0540T1G</td></tr> <tr><td>MBR0520LT1H</td></tr> <tr><td>MBR0520LT3G</td></tr> <tr><td>MBR0530T1G</td></tr> <tr><td>MBR0530T1H</td></tr> <tr><td>MBR0530T3G</td></tr> <tr><td>MBR0540T1G</td></tr> <tr><td>MBR0540T1H</td></tr> <tr><td>MBR0540T3G</td></tr> <tr><td>MBR130T1G</td></tr> <tr><td>MBR130T1H</td></tr> <tr><td>MBR130T3G</td></tr> </tbody> </table>				Part Number	Qualification Vehicle	MBR0520LT1G	NRVB0540T1G	MBR0520LT1H	MBR0520LT3G	MBR0530T1G	MBR0530T1H	MBR0530T3G	MBR0540T1G	MBR0540T1H	MBR0540T3G	MBR130T1G	MBR130T1H	MBR130T3G
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