



Title of Change:	Transfer of NCV7381DP0R2G - I3T80 technology - currently manufactured in Fab2 Belgium, to manufacturing in Gresham USA.		
Proposed first ship date:	1 October 2016 or earlier upon customer approval		
Contact information:	Contact your local ON Semiconductor Sales Office or your Customer Quality interface		
Samples:	Contact your local ON Semiconductor Sales Office or your Customer Quality interface		
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or your Customer Quality interface		
Type of notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 12 months prior to implementation of the change. ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact <PCN.Support@onsemi.com>.		
Change Part Identification:	The part number (OPN) will change from NCV7381DP0R2G into NCV7381ADP0R2G. The device marking will be updated reflecting this OPN change.		
Change category:	☒ Wafer Fab Change ☒ Assembly Change ☐ Test Change ☒ Other: <u>Polyimide added</u>		
Change Sub-Category(s): ☒ Manufacturing Site Change/Addition ☐ Material Change ☐ Datasheet/Product Doc change ☒ Manufacturing Process Change ☐ Product specific change ☒ Shipping/Packaging/Marking ☒ Other: Ordering Part number			
Sites Affected: ☐ All site(s) ☐ not applicable ☒ ON Semiconductor site(s) : ON Gresham, Oregon ON Carmona, Philippines ☐ External Foundry/Subcon site(s)			
Description and Purpose: (1) Release Gresham as new wafer fab location for NCV7381DP0R2G, Addition of Polyimide on the Gresham fab version as part of our global quality continuous improvement program. (2) Transfer to OSPI assembly line (from AMKOR) for the Gresham fab version to optimize the logistic flow. (3) Change lead frame from pure Sn to NiPdAu (4) Change the ordering part number from NCV7381DP0R2G into NCV7381ADP0R2G. (5) Update marking to reflect OPN change. (6) Upon FPCN approval and implementation the NCV7381DP0R2G will be put end of life.			
Reliability Data Summary: Refer to the attached qualification report "QR_RAYA-PAB_SSOP_Gresham-NCV7381Rev1.0" and "AEC 1 Pager" <i>To access file attachments on pdf copy of PCN, please be guided by the steps below:</i> 1. Download pdf copy of the PCN to your computer 2. Open the downloaded pdf copy of the PCN 3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field 4. Then click on the attached file/s			
Electrical Characteristic Summary: Refer to the attached 3 lot CPK report "PRE_RAYA-003_3lotCPK(2)"			
List of affected Standard Parts:			
Orderable Part Number		Qualification Vehicle	
NCV7381DP0R2G		ORAYA-910 ORAYA-003	

**IMPORTANT NOTE**

Device marking of new OPN NCV7381ADP0R2G:



A = ASSEMBLY LOCATION

WL = WAFER LOT

YYWW = YEAR / WORK WEEK

● = Pb-Free Designator