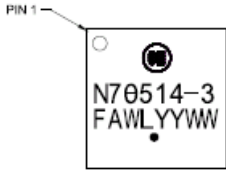




Title of Change:	Addition of ON Semiconductor Gresham, Oregon as wafer fab location for NCV70514MW003R2G (I3T50E technology), which is currently manufactured in Fab2, Oudenaarde, Belgium.
Proposed first ship date:	26 July 2017 <i>or earlier upon customer approval</i>
Contact information:	Contact your local ON Semiconductor Sales Office or Jaromir Ftorek < Jaromir.Ftorek@onsemi.com >
Samples:	Contact your local ON Semiconductor Sales Office or Zuzana Dovicicova < Zuzana.Dovicicova@onsemi.com >
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or Johan De Greve < Johan.DeGreve@onsemi.com >
Type of notification:	<p>This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 12months prior to implementation of the change or earlier upon customer approval.</p> <p>ON Semiconductor will consider this proposed change and it's conditions acceptable, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <PCN.Support@onsemi.com>.</p>
Change Part Identification:	<p>The OPN and the part marking will be updated:</p> <p>Current OPN: NCV70514MW003R2G (Fab2)</p> <p>Dual Fab OPN: NCV70514MW003AR2G (Fab2+Gresham)</p> <p>New Part Marking: The fab will be identified by the first character of the date code. The character for Gresham is "G", for Fab 2 is "2".</p> <div style="text-align: center;"> <p>TOP MARK</p>  <p>F = Fab Location 0C514-010-ABY = Gresham = 8 inch = G A = ASSEMBLY LOCATION WL = WAFER LOT YYWW = YEAR / WORK WEEK ● = Pb-Free Designator</p> </div>
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 Change/Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input checked="" type="checkbox"/> Shipping/Packaging/Marking <input checked="" type="checkbox"/> Other: Orderable Part Number
Sites Affected:	<input type="checkbox"/> All site(s) <input type="checkbox"/> not applicable <input checked="" type="checkbox"/> ON Semiconductor site(s) : ON Gresham, Oregon _____ _____



Description and Purpose:

This Final Notification announces the addition of ON Semiconductor Gresham, Oregon as wafer fab location for NCV70514MW003R2G (I3T50E technology), which is currently manufactured in Fab2, Oudenaarde, Belgium. This will increase ON Semiconductor’s wafer fab capacity and flexibility for this device.

For traceability, the dual-source version will have a new Orderable Part Number (**OPN**) which is NCV70514MW003AR2G, and a fab indicator will be added in the front of the date code where this (**F**) will be “2” for Fab2 version and “G” for the Gresham version.

Reliability Data Summary:

Note: Qualification Report is attached:

To access file attachments on pdf copy of PCN, please be guided by the steps below:

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:

Note: Cpk report is attached:

To access file attachments on pdf copy of PCN, please be guided by the steps below:

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

List of Affected Standard Parts:

Fab2 Part Number	Dual Source Part Number	Qualification Vehicle
NCV70514MW003R2G	NCV70514MW003 <u>A</u> R2G	0C514-906