



<b>Title of Change:</b>	Addition of ON Semiconductor Fab10 Pocatello as wafer fab location for AMIS41682CANM1RG (I2T100 technology), which is currently manufactured in Fab2, Oudenaarde, Belgium.
<b>Proposed first ship date:</b>	14 November 2017 <i>or earlier upon customer approval</i>
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or Customer Quality interface
<b>Samples:</b>	Contact your local ON Semiconductor Sales Office or <Viera.Sherrington@onsemi.com>
<b>Additional Reliability Data:</b>	Contact your local ON Semiconductor Sales Office or <Catherine.DeKeukeleire@onsemi.com>
<b>Type of notification:</b>	<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 its conditions acceptable, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact &lt;PCN.Support@onsemi.com&gt;.</p>
<b>Change Part Identification:</b>	<p><b>The OPN will not change.</b></p> <p><b>Current OPN:</b> AMIS41682CANM1RG (Fab2)  <b>Dual Fab OPN:</b> AMIS41682CANM1RG (Fab2+Fab10 - no change)</p> <p>The part marking will be updated:</p> <p><b>New Part Marking:</b> The fab will be identified by the first character of the date code. The character for Fab10 Pocatello is "T", for Fab 2 is "2".</p> <div style="text-align: center;"> <p>TOP MARK</p> <p>14 8</p> <p>AMIS41682-1</p> <p>ON FAWLYWWG</p> <p>PIN 1 7</p> <p>F = Fab  A = ASSEMBLY LOCATION  WL = WAFER LOT  YWW = YEAR / WORK WEEK  G = Pb-Free Designator  I = PIN 1 BAR</p> </div>
<b>Change category:</b>	<input checked="" type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other _____
<b>Change Sub-Category(s):</b>	<input checked="" type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Material Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Datasheet/Product Doc change <input checked="" type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____
<b>Sites Affected:</b>	<input type="checkbox"/> All site(s) <input type="checkbox"/> not applicable <input checked="" type="checkbox"/> ON Semiconductor site(s) : <u>ON Pocatello, Idaho</u> <input type="checkbox"/> External Foundry/Subcon site(s) _____
<b>Description and Purpose:</b>	<p>Addition of ON Semiconductor Fab10 Pocatello as wafer fab location (I2T100 technology), currently manufactured in Fab2, Oudenaarde, Belgium, for AMIS41682CANM1RG. This will increase ON Semiconductor’s wafer fab capacity and flexibility for this device.</p> <p>For traceability, the dual-source version of the AMIS41682CANM1RG device will be marked with a fab indicator (F) will be added in the front of the date code where this F will be "2" for Fab2 version and "T" for the Fab10 Pocatello version.</p>



**Reliability Data Summary:**

**Note: Qualification One-Page 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:*

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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
AMIS41682CANM1RG	AMIS41682CANM1RG (no change)	21305-900