



<b>Title of Change:</b>	Transfer Assembly and Test operations of SMB packaged products to On Semiconductor Vietnam (OSV).	
<b>Proposed first ship date:</b>	2 May 2018 or earlier upon customer approval	
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or <Minh.Nguyen@onsemi.com>	
<b>Samples:</b>	Contact your local ON Semiconductor Sales Office or <Minh.Nguyen@onsemi.com>	
<b>Additional Reliability Data:</b>	Contact your local ON Semiconductor Sales Office or <cheanching.sim@onsemi.com>	
<b>Type of notification:</b>	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>.	
<b>Change Part Identification:</b>	Product from ON Semiconductor Vietnam (OSV) will be marked with site code "VN" prior to the date code while the Seremban device does not have site code marking.	
<b>Change category:</b>	<input type="checkbox"/> Wafer Fab Change <input checked="" type="checkbox"/> Assembly Change <input checked="" 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"/> 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 type="checkbox"/> Other: _____	
<b>Sites Affected:</b>	ON Semiconductor Sites: ON Seremban, Malaysia ON Dong Nai Province, Vietnam	External Foundry/Subcon Sites: None
<b>Description and Purpose:</b>		
This Final Notification announces the transfer of Assembly and Test of SMB products from ON Semiconductor Malaysia (SBN) to ON Semiconductor Vietnam (OSV).  The Constant Current Regulator (CCR) products in SMB package are currently being assembled and tested at Seremban. Upon the expiration of this FPCN, Constant Current Regulator (CCR) products in SMB package can be processed at OSV location using same Bill of Material.  ON Semiconductor Vietnam (OSV) is qualified site for SMB Standard discrete packaged products and is ISO TS16949 certified.  Products sourced from OSV have been qualified to Industrial requirements and continue remain as Pb-free, Halide free and RoHS compliant.		



**Reliability Data Summary:**

**QV DEVICE NAME:** NSIC2050JBT3G (CCR)

**PACKAGE:** SMB

Test	Specification	Condition	Interval	Result
HTOL	JESD22-A108	Ta = 125°C, Tj(est) = 175°C	1008 hrs	0/252
HTSL	JESD22-A103	Ta = 175 °C	1008 hrs	0/252
TC	JESD22-A104	Temp = -65°C to +150°C	1000 cyc	0/252
AC	JESD22-A102	121°C, 100% RH, 15psig, unbiased	96 hrs	0/252
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		0/504
RSH	JESD22- B106	Ta = 265°C, 10 sec		0/90
SD	JSTD002	Ta = 245°C, 10 sec		0/45

**Electrical Characteristic Summary:**

Electrical characteristics are not impacted.

**List of Affected Standard Parts:**

Part Number	Qualification Vehicle
NSIC2020JBT3G	NSIC2050JBT3G
NSIC2030JBT3G	NSIC2050JBT3G
NSIC2050JBT3G	NSIC2050JBT3G

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## Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle
NSIC2020JBT3G		NSVC2050JBT3G
NSIC2030JBT3G		NSVC2050JBT3G
NSIC2050JBT3G		NSVC2050JBT3G