ON Semiconductor®

Final Product/Process Change Notification

Document # : FPCN22133ZB
Issue Date: 10 August 2018

Title of Change:	5-inch Production line closure of ON Semiconductor Niigata Co., Ltd. (OSNC).
Proposed Changed Material First Ship Date:	10 August 2019 *or earlier upon customer approval.*
Current Material Last Order Date:	19 June 2018 Orders received after the Current Material Last Order Date expiration are to be considered as orders for new changed material as described in this PCN. Orders for current (unchanged) material after this date will be per mutual agreement and current material inventory availability.
Current Material Last Delivery Date:	31 May 2019 The Current Material Last Delivery Date may be subject to change based on build and depletion of the current (unchanged) material inventory.
Product Category:	Active components – Integrated circuits
Contact information:	Contact your local ON Semiconductor Sales Office or <Akira.Uemoto@onsemi.com>
Samples:	Contact your local ON Semiconductor Sales Office to place sample order or <PCN.samples@onsemi.com> Sample requests are to be submitted no later than 45 days after publication of this change notification.
Sample Availability Date:	Already available
PPAP Availability Date:	31 August 2018
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or <Satoru.Fujinuma@onsemi.com>.
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 or earlier upon customer approval. ON Semiconductor will consider this proposed change and it's conditions acceptable, unless an inquiry is made in writing within 45 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com.
Change Category	**Type of Change**
Process – Wafer Production	New / change of wafer substrate material New wafer diameter

Description and Purpose:

This Final Notification announces the 5-inch production line closure in ON Semiconductor Niigata Co., Ltd. (OSNC) Japan for parts listed in this PCN. The related products will be transferred to the same site (OSNC) 6-inch production line.

Change Point	Before Change Description	After Change Description
Control IC Wafer size	5inch	6inch

Reason / Motivation for Change:	This final notification announces the 5-inch production line closure in ON Semiconductor Niigata Co., Ltd. (OSNC) Japan for parts listed in this PCN. The related products will be transferred to the same site (OSNC) 6-inch production line.
Anticipated impact on fit, form, function, reliability, product safety or manufacturability	The device has been qualified and validated based on the same Product Specification. The device has successfully passed the qualification tests. Potential impacts can be identified, but due to testing performed by ON Semiconductor in relation to the PCN, associated risks are verified and excluded. No anticipated impacts.

Sites Affected:	ON Semiconductor Sites: ON Niigata, Japan	External Foundry/Subcon Sites: None
Marking of Parts/ Traceability of Change:	Date Code	

Reliability Data Summary:

QV DEVICE NAME: **LA9932UVC-XE**
PACKAGE: **SIP4K**

Test	Specification	Condition	Interval	Results
HTOL	JESD22-A108	Tj=150°C, 100 % max rated Vcc	1008 hrs	0/77
AC	JESD22-A102	121°C, 100% RH, 15psig,	96 hrs	0/77
HBM	JS001	100pF,1.5kohm,V=2kV	-	0/3
MM		200pF, 0 ohm, V=200V	-	0/3

Electrical Characteristic Summary:

Electrical characteristics are not impacted.

List of Affected Parts:

Current Part Number	New Part Number	Qualification Vehicle
LA9932UVC-XE	LA9932UVC-XE	LA9932UVC-XE

Appendix A: Changed Products

Product	Customer Part Number	New Part Number	Qualification Vehicle
LA9932UVC-XE		LA9932UVC-XE	LA9932UVC-XE