

# Final Product/Process Change Notification Document #: FPCN22133ZA

Document #: FPCN22133ZA 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 wil be per mutual agreement and current material inventory availability.	
Current Material Last Delivery Date:	29 March 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:	ity Date: NA (Samples already shipped)	
PPAP Availability Date:	railability 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.

TEM001794 Rev. A Page 1 of 2



# Final Product/Process Change Notification Document #: FPCN22133ZA

Issue Date: 10 August 2018

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
НВМ	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
LA9931UVC-XE	LA9931UVC-XE	LA9932UVC-XE
LA9938UVC-XH	LA9938UVC-XH	LA9932UVC-XE

TEM001794 Rev. A Page 2 of 2