ON Semiconductor

Final Product/Process Change Notification

Document # : FPCN21204X
Issue Date: 26 August 2016

Title of Change:	Transfer of Optical Device Chip Scale Package (ODCSP) site from Gunma, Japan to Niigata, Japan and Dicing site change from Shenzhen, China to Tarlac, Philippines.
Proposed first ship date:	3 December 2016 or *earlier upon customer approval*
Contact information:	Contact your local ON Semiconductor Sales Office or <Hiroshi.Kojima@onsemi.com>
Samples:	Contact your local ON Semiconductor Sales Office
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 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>.
Change Part Identification:	Products manufactured at Niigata and Tarlac will be printed Date Code from **1640** on shipping MPN label.
Change category:	☐ Wafer Fab Change ☒ Assembly Change ☐ Test Change ☐ Other ________________

Change Sub-Category(s):

☒ Manufacturing Site Change/Addition
☐ Manufacturing Process Change

☐ Material Change
☐ Product specific change

☐ Datasheet/Product Doc change
☐ Shipping/Packaging/Marking
☐ Other: _________________________

Sites Affected:

☐ All site(s)
☐ not applicable

☒ ON Semiconductor site(s) :
ON Gunma, Japan
ON Niigata, Japan
ON Tarlac City, Philippines
ON Shenzhen, China

☐ External Foundry/Subcon site(s)
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Description and Purpose:

This Final Change Notification announces that to continuously supply the products and increase our supply capacity to support the increase demands, Optical Device Chip Scale Package (ODCSP) location will be moved from Gunma, Japan to Niigata, Japan and dicing site location will be moved from Shenzhen, China to Tarlac city, Philippines.

All equipment and most personnel were transferred from Gunma to Niigata site and most equipment was transferred from Shenzhen to Tarlac site. The Niigata and Tarlac site are ISO/TS16949 certified.

Reliability Data Summary:

QV DEVICE NAME: LV0318XA
PACKAGE: ODCSP16

Test	Specification	Condition	Interval	Results
HTOL	EIAJ ED-4701/100	Ta= 70°C , Vcc = operating max	1008 hrs	0/231
HTSL	EIAJ ED-4701/200	Ta= 100°C	1008 hrs	0/231
TC	EIAJ ED-4701/100	Ta= -40°C to +100°C	100 cyc	0/231
THB	EIAJ ED-4701/100	60°C, 90% RH, Vcc = recommended	1008 hrs	0/231

Electrical Characteristic Summary:
There is no change in the electrical performance. Datasheet specifications remain unchanged.

List of Affected Standard Parts:

Part Number	Qualification Vehicle
LV0111CF-TLM-H	LV0318XA-NH