ON Semiconductor

Final Product/Process Change Notification

Document # : FPCN20889XC
Issue Date: 14 December 2015

Title of Change:	Wafer Level Package (WLP) fab site change from Gunma, Japan to Niigata, Japan.
Proposed first ship date:	21 March 2016
Contact information:	Contact your local ON Semiconductor Sales Office or Akira.Yoneyama@onsemi.com
Samples:	Contact your local ON Semiconductor Sales Office or Makoto.Nakaoka@onsemi.com
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 will be printed Date Code from 1547 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

☐ External Foundry/Subcon site(s)

Description and Purpose:

This is a Final Notification to announce the continuous supply of products and increase supply capacity to support increased demand. The Wafer level package location will move from Gunma, Japan to Niigata, Japan. Most of the equipment and personnel were transferred from Gunma to the Niigata site. The Niigata site is ISO/TS16949 certified.

Reliability Data Summary:

PACKAGE :WLCSP179

Test	Specification	Condition	Interval	Results
HTOL	JESD22-A108	Tj=125°C, Vcc=operating max	1008 hrs	0/77
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/77
THB	JESD22-A101	85°C, 85% RH, V= operating max	1008 hrs	0/77

PACKAGE :WLCSP36

Test	Specification	Condition	Interval	Results
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/77

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

List of Affected Standard Parts:

LE2464CXATBG