



INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION #17017Generic Copy

Issue Date: 10-Apr-2013**TITLE:** Introduction of the PTIC product line on a 6" (150mm) wafer process**PROPOSED FIRST SHIP DATE:** 10-Aug-2013**AFFECTED CHANGE CATEGORY(S):** Wafer Fab Manufacturing**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or <David.Laks@onsemi.com>**NOTIFICATION TYPE:**

Initial Product/Process Change Notification (IPCN)

First change notification sent to customers. IPCNs are issued at least 120 days prior to implementation of the change. An IPCN is advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan.

The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN).

This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change.

DESCRIPTION AND PURPOSE:

ON Semiconductor has upgraded its PTIC wafer fabrication process from a 4" (100mm) wafer platform to a 6" (150mm) wafer platform. This will enable an increase in capacity to support market demand as well as reducing process cycle time. This change does not affect the performance of the device in the final application and the new parts will be drop-in replacements for the current 4" (100mm) production parts

QUALIFICATION PLAN:

The estimated date for qualification completion is April 11, 2013

Qualification lots are moving through the process and initial qualification results are very promising

List of affected Customer Specific Parts:

<u>ON Part Number</u>
TCP-1027N-QT