



INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION #17015Generic Copy

Issue Date: 19-Apr-2013**TITLE:** Introduction of the Generation 3 PTIC product line**PROPOSED FIRST SHIP DATE:** 19-Aug-2013**AFFECTED CHANGE CATEGORY(S):** Major Change**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:

The generation 3 PTIC product line will be rolled out and the normal tuning variants will be drop-in replacements for the current generation 1 PTICs

The generation 3 process offers lower costs, better cycle times, and the opportunity to move to high tuning product variants (which are not drop-in replacements for the generation 1 PTICs)

The generation 3 PTICs will not be marked on the backside for pin 1 identification. The front-side of the die can be used to confirm die polarity. This is possible due to an asymmetric design of the die. Note that ONSEMI guarantees the polarity of the die as delivered in the tape, so the pin 1 mark does not need to be used to confirm polarity'

**INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION #17015****QUALIFICATION PLAN:**

The estimated date for qualification completion is April 15, 2013

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

List of affected Customer Specific Parts:

<u>Generation 1 ON Part Number</u>	<u>Generation 3 ON Part Number</u>
TCP-1027N-DT	TCP-3027N-DT
TCP-1047N-DT	TCP-3047N-DT
TCP-1056N-DT	TCP-3056N-DT
TCP-1082N-DT	TCP-3082N-DT