



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #20187

Generic Copy

Issue Date: 21-Aug-2013

TITLE: Final PCN for the change of the components in HIC (STK673-010-E_STK673-011-E)

PROPOSED FIRST SHIP DATE: 21-Nov-2013

AFFECTED CHANGE CATEGORY(S): The components for HIC

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or <Ryoichi.Murofushi@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office or
<Ryoichi.Murofushi@onsemi.com>

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or <Kenichi.Nigo@onsemi.com>

NOTIFICATION TYPE:

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact <quality@onsemi.com>.

DESCRIPTION AND PURPOSE:

This is a Final Process Change Notification to announce for below contents.

Some of the components became discontinued due to the Fab closure. The new components from the other Fab will be used. The new ASIC was redesigned with the process from the new Fab.

The product design and electrical specifications will remain identical. Reliability Qualification and full electrical characterization has been completed on the designated package qualification.



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RELIABILITY DATA SUMMARY:

Reliability Test Results:

RELIABILITY DATA SUMMARY: Test Items	Test Condition	Test Time	Failure
High Temperature Humidity-Bias	Ta=85 degC, RH=85%, Vcc=Recommended	1000hr	0/11
High Temperature Bias	Ta=125 degC Vcc=Recommended	1000hr	0/11
Temperature Cycle	Ta=-40 degC \leftrightarrow Ta=125 degC 1cycle=1hr.	100Cycles	0/11

ELECTRICAL CHARACTERISTIC SUMMARY:

There is no change in the electrical performance. The contents in datasheet remain unchanged.

List of affected General Parts:

STK673-010-E
STK673-011-E

Change parts

Parts in red were changed. Some parts in CHGP block will be changed.

