



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION # 20304

Generic Copy

Issue Date: 23-Dec-2013

TITLE: Final PCN for manufacturing transfer from WSE to OSV (ON Semiconductor Vietnam Co., Ltd)

PROPOSED FIRST SHIP DATE: 23-Mar-2014

AFFECTED CHANGE CATEGORY(S): Product Transfer to a new Mfg site

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: May be 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>](mailto: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 WSE Fab closure.

The new components from the other Fab will be used. The new Hybrid-IC was redesigned with the process from the new Fab (ON Semiconductor Vietnam Co., Ltd).

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:

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 ↔ Ta=125 degC, 1cycle=1hr.	100Cycles	0/11

Notice:

Judgment Criteria : Judgment Criteria are due to the limits of the electrical characteristics in the detail specification.

ELECTRICAL CHARACTERISTIC SUMMARY

There is no change in the electrical performance. Data sheet specifications remain unchanged.

List of Affected General Parts

STK611-721-E	STK672-612B-E
STK672-400	STK672-622A-E
STK672-400B-E	STK672-630A-E
STK672-400C-E	STK672-630C-E
STK672-401C-E	STK672-631A-E
STK672-410	STK672-632A-E
STK672-410C-E	STK672-640A-E
STK672-430A-E	STK672-640C-E
STK672-432A-E	STK672-642A-E
STK672-432B-E	STK672-732A-E
STK672-440A-E	STK672-732B-E
STK672-440B-E	STK672-740A-E
STK672-442A-E	STK672-740B-E
STK672-442B-E	STK681-300
STK672-600	STK681-310
STK672-600A	STK681-320
STK672-600B-E	STK681-332-E
STK672-600C-E	STK681-352-E
STK672-610	STK672-612A-E