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**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16608A**

Generic Copy

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**Issue Date:** 27-Apr-2011

**TITLE:** Final Notification for Qualification of SOT143 Package in Assembly and Test Site in LPS (China).

**PROPOSED FIRST SHIP DATE:** 27-Jul-2011

**AFFECTED CHANGE CATEGORY(S):** Assembly and Test Site

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor Sales Office or Yew Hee Soon <[y.soon@onsemi.com](mailto:y.soon@onsemi.com)>

**SAMPLES:** Contact your local ON Semiconductor Sales Office

**ADDITIONAL RELIABILITY DATA:** Available  
Contact your local ON Semiconductor Sales Office or  
Francis Lualhati <[Francis.Lualhati@onsemi.com](mailto:Francis.Lualhati@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 the final notification announcing that ON Semiconductor is adding assembly and test manufacturing capacity for SOT143 packaged ESD Protection products to Internal Assembly site at LPS, China.

Reliability Qualification and full electrical characterization over temperature have been performed.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16608A****RELIABILITY DATA SUMMARY:****Reliability Test Results:****CM1213A-02SR**

<b>Test:</b>	<b>Conditions:</b>	<b>Interval:</b>	<b>Results</b>
Precondition	MSL1 @ 260C , 3 X IR at 260 C		0/960
HTRB	Ta=125°C, 80% rated voltage	1008 hrs	0/240
HTSL	Ta=150°C	1008 hrs	0/240
HAST+PC	Ta=130°C, RH=85%, 80% rated voltage	96 hrs	0/240
TC+PC	Ta= -65/150°C	1000 cyc	0/240
AC+PC	Ta=+121°C, RH=100%, Pressure=15psig	96 hrs	0/240
RSH	Ta=260°C, 10sec dwell		0/30

**ELECTRICAL CHARACTERISTIC SUMMARY:**

Available upon request

**CHANGED PART IDENTIFICATION:**

Products from ON Semiconductor with date code of 1127 and greater may be sourced from either the new manufacturing location in China or external subcontractor manufacturing sites.

**List of affected General Parts:**

CM1223-02SR