



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION

Generic Copy

09-Jan-2006

SUBJECT: ON Semiconductor Final Product/Process Change Notification #15303

TITLE: Final PCN for Assembly Transfer of SC88 and SC88A Logic Devices SBN to Leshan

EFFECTIVE DATE: 10-Feb-2006

AFFECTED CHANGE CATEGORY(S): ON Semiconductor Assembly Site

AFFECTED PRODUCT DIVISION(S): Analog Power Division

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or Ken Fergus <rrst50@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Edwin Soto <fftn7b@onsemi.com>

NOTIFICATION TYPE:

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 60 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 your local ON Semiconductor Sales Office.

DESCRIPTION AND PURPOSE:

This is a Final Product Change Notice to make customers aware that the ON Semiconductor facility in Leshan, China has been qualified as a manufacturing source for the SC88 (SOT363) and SC88A (SOT353) packages for the listed devices. Initial PCN 14209 announcing this expansion was issued in July of 2005, and a FPCN 15095 was issued in October 2005 covering devices that had completed reliability testing at that time. This FPCN completes the notification for all devices which were listed on the original IPCN 14029. Leshan is an ISO-9001/QS9000 certified factory.



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RELIABILITY DATA SUMMARY:

Reliability Test Results:

Reliability Results:

NLAS3157DFT2G Reliability Report

<u>Test</u>	<u>Conditions</u>	<u>Results (Rej / SS)</u>
PC	24 hours bake@125C+ 168hr, 85C/85%RH+ 3X IR @ 260 deg C +1flux immersion + alcohol + DI H2O rinse.	0/168, 0/168, 0/168

AC - PC	121 deg C/100% RH/15psig Post PC Electrical	0/84, 0/84, 0/84 96 Hrs 0/84, 0/84, 0/84
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TC - PC	Ta=-65/+150deg.C, Air to air, Dwell = 10 min. Post PC Electrical	0/84, 0/84, 0/84 500 Cycles 0/84, 0/84, 0/84
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NLAS4157DFT2G Reliability Report

<u>Test</u>	<u>Conditions</u>	<u>Results (Rej / SS)</u>
PC	24 hours bake@125degC+ 168hr, 85C/85%RH+ 3X IR @ 260degC +1flux immersion + alcohol + DI H2O rinse	0/168, 0/168, 0/168

AC - PC	121degC/100% RH/15psig Post PC Electrical	0/84, 0/84, 0/84 96 Hrs 0/84, 0/84, 0/84
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TC	Ta=-65/+150deg.C, Air to air, Dwell = 10 min Initial Electrical	0/84, 0/84, 0/84 500 Cycles 0/84, 0/84, 0/84
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TC - PC	Ta=-65/+150deg.C, Air to air, Dwell = 10 min Post PC Electrical	0/84, 0/84, 0/84 500 Cycles 0/84, 0/84, 0/84
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DPA Virgin Units		0/5, 0/5, 0/5
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ELECTRICAL CHARACTERISTIC SUMMARY:

All product performance meets current datasheet specifications. Data is available upon request.

CHANGED PART IDENTIFICATION:

Parts with a date code of ww06 2006 may be shipped from either site. Assembly site traceability will be standard per ON Semi.



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AFFECTED DEVICE LIST:

PART

NL27WZ04DFT2
NL27WZ04DFT2G
NL27WZ06DFT2
NL27WZ06DFT2G
NL27WZ07DFT2
NL27WZ04DFT1G
NL27WZ07DFT2G
NL27WZ14DFT2
NL27WZ14DFT2G
NL27WZ16DFT2
NL27WZ16DFT2G
NL27WZ17DFT2
NL27WZ17DFT2G
NL27WZU04DFT2
NL27WZU04DFT2G
NL7SZ18DFT2
NL7SZ18DFT2G
NL7SZ19DFT2
NL7SZ19DFT2G
NLAS4157DFT2G
NLASB3157DFT2
NLASB3157DFT2G
NLV17SZ07DFT2
NSVMBT3904DW1T1
NSVMBT3904DW1T1G
NSVUMC2NT1
NSVUMC2NT1G
NUF2015W1T2G
NUF2240W1T1
NUF2240W1T1G
SBC846BDW1T1
SBC846BDW1T1G
SBC846BPDW1T1
SBC846BPDW1T1G
SSVBC847BDW1T1
SSVBC847BDW1T1G
SSVBC847BPDW1T1
SSVBC847BPDW1T1G
SSVBC847CDW1T1
SSVBC847CDW1T1G
SSVBC856BDW1T1
SSVBC856BDW1T1G
SSVMUN5313DW1T1
SSVMUN5313DW1T1G