



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION

Generic Copy

31-Oct-2005

SUBJECT: ON Semiconductor Final Product/Process Change Notification #15095

TITLE: Final PCN for Assembly Transfer of SC88 and SC88A in SBN to Leshan.

EFFECTIVE DATE: 01-Dec-2005

AFFECTED CHANGE CATEGORY(S): ON Semiconductor Assembly Site Transfer

AFFECTED PRODUCT DIVISION(S): Discrete Products

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or Laura Rivers <s20636@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office or
Mike Sweador <ffbpw@onsemi.com>

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Terry Galloway <fft3rt@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 an FPCN to IPCN 14209 available at www.onsemi.com

This is a Final Product Change Notice to make customers aware that the ON Semiconductor facility in Leshan, China is being qualified as a manufacturing source for the SC88 (SOT363) and SC88A (SOT353) packages. Leshan is an ISO-9001/QS9000 certified factory.



Final Product/Process Change Notification #15095

RELIABILITY DATA SUMMARY:

Reliability Results:

MUN5115DW1T1G

HTRB Ta=150C, VCEs =40V, 1008 hrs 0/80 x 3 lots
Pre Conditioning JA113 MSL1@260C 0/320 x 3 lots
IOL+PC Ta=25C, delta Tj = 100C max 0/80 x 3 lots
Ton=Toff= 2 min TC+PC Ta= -65 to 150C 0/80 x 3 lots
AC+PC Ta=121C, RH=100%,15 psig 0/80 x 3 lots
HAST+PC Ta=130C, RH=85C, 18.8 psig 0/80 x 3 lots
DPA post TC 0/2 x 3 lots
DPA post HAST 0/2 x 3 lot

MSQA6V1W5T2G

HTRB Ta=150C, VCEs =40V, 1008 hrs 0/80 x 3 lots
Pre Conditioning JA113 MSL1@260C 0/320 x 3 lots
IOL+PC Ta=25C, delta Tj = 100C max 0/80 x 3 lots
Ton=Toff= 2 min TC+PC Ta= -65 to 150C 0/80 x 3 lots
AC+PC Ta=121C, RH=100%,15 psig 0/80 x 3 lots
HAST+PC Ta=130C, RH=85C, 18.8 psig 0/80 x 3 lots
DPA post TC 0/2 x 3 lots
DPA post HAST 0/2 x 3 lot

ELECTRICAL CHARACTERISTIC SUMMARY:

Available upon request.

CHANGED PART IDENTIFICATION:

Product with date code C indicating December date code for work week 0548 may be supplied from Leshan.



AFFECTED DEVICE LIST

Part

NSVMBT3904DW1T1
NSVMBT3904DW1T1G
NSVUMC2NT1
NSVUMC2NT1G
NUF2015W1T2G
NUF2240W1T1
NUF2240W1T1G
SBC846BDW1T1
SBC846BDW1T1G
SBC846BPDW1T1
SBC846BPDW1T1G
SSVBC847BDW1T1
SSVBC847BDW1T1G
SSVBC847BPDW1T1
SSVBC847BPDW1T1G
SSVBC847CDW1T1
SSVBC847CDW1T1G
SSVBC856BDW1T1
SSVBC856BDW1T1G
SSVMUN5313DW1T1
SSVMUN5313DW1T1G