



FINAL PRODUCT/PROCESS CHANGE NOTIFICATIONGeneric Copy

20-Mar-2009**SUBJECT: ON Semiconductor Final Product/Process Change Notification #16234****TITLE: NCP502, NCP512, NCP612 and NCV612 SC88A Package Tape & Reel Suffix Changes****PROPOSED FIRST SHIP DATE: 20-Jun-2009****AFFECTED CHANGE CATEGORY(S): ON Semiconductor Assembly Site****AFFECTED PRODUCT DIVISION(S): Automotive Power Group****FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or Bett.Lofts < Beatriz.Lofts@onsemi.com >**SAMPLES:** Not applicable**ADDITIONAL RELIABILITY DATA:** Not Applicable**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 your local ON Semiconductor Sales Office.

DESCRIPTION AND PURPOSE:

ON Semiconductor is notifying customers about a Tape & Reel Suffix changes from T1 to T2 for the NCP502, NCP512, NCP612 and NCV612 family series. Part number suffix's are changing in order to standardize the Tape and Reel designation across factories. There is no actual change to the device, the packaging, the marking or the orientation of the device in the tape and reel. The only change is to the part number suffix. Customers need to order the same part number but with the new T2 suffix at the expiration of this FPCN.

The devices listed under the "Affected Device List" are all to be replaced with a T2 suffix upon the expiration of the FPCN.

There will be no changes in device functionality, case outline, or footprint. Reliability will continue to meet or exceed ON Semiconductor's highest standards.



Final Product/Process Change Notification #16234

RELIABILITY DATA SUMMARY:

Not Applicable – Device Suffix change only

ELECTRICAL CHARACTERISTIC SUMMARY:

Not Applicable

CHANGED PART IDENTIFICATION:

Products manufactured after the FPCN expiration date will be supplied under the new T2 Tape & Reel suffix. Date code of change will be ww2509 .



Final Product/Process Change Notification #16234

AFFECTED DEVICE LIST

Current Part Number	New Part Number
NCP502SQ15T1G	NCP502SQ15T2G
NCP502SQ18T1G	NCP502SQ18T2G
NCP502SQ25T1G	NCP502SQ25T2G
NCP502SQ27T1G	NCP502SQ27T2G
NCP502SQ28T1G	NCP502SQ28T2G
NCP502SQ29T1G	NCP502SQ29T2G
NCP502SQ30T1G	NCP502SQ30T2G
NCP502SQ31T1G	NCP502SQ31T2G
NCP502SQ33T1G	NCP502SQ33T2G
NCP502SQ34T1G	NCP502SQ34T2G
NCP502SQ35T1G	NCP502SQ35T2G
NCP502SQ36T1G	NCP502SQ36T2G
NCP502SQ37T1G	NCP502SQ37T2G
NCP502SQ50T1G	NCP502SQ50T2G

NCP512SQ13T1G	NCP512SQ13T2G
NCP512SQ15T1G	NCP512SQ15T2G
NCP512SQ18T1G	NCP512SQ18T2G
NCP512SQ22T1G	NCP512SQ22T2G
NCP512SQ25T1G	NCP512SQ25T2G
NCP512SQ27T1G	NCP512SQ27T2G
NCP512SQ28T1G	NCP512SQ28T2G
NCP512SQ30T1G	NCP512SQ30T2G
NCP512SQ31T1G	NCP512SQ31T2G
NCP512SQ33T1G	NCP512SQ33T2G
NCP512SQ50T1G	NCP512SQ50T2G

NCP612SQ15T1G	NCP612SQ15T2G
NCP612SQ18T1G	NCP612SQ18T2G
NCP612SQ25T1G	NCP612SQ25T2G
NCP612SQ27T1G	NCP612SQ27T2G
NCP612SQ28T1G	NCP612SQ28T2G
NCP612SQ30T1G	NCP612SQ30T2G
NCP612SQ31T1G	NCP612SQ31T2G
NCP612SQ33T1G	NCP612SQ33T2G
NCP612SQ37T1G	NCP612SQ37T2G
NCP612SQ50T1G	NCP612SQ50T2G

NCV612SQ15T1G	NCV612SQ15T2G
NCV612SQ18T1G	NCV612SQ18T2G
NCV612SQ25T1G	NCV612SQ25T2G
NCV612SQ27T1G	NCV612SQ27T2G
NCV612SQ28T1G	NCV612SQ28T2G
NCV612SQ30T1G	NCV612SQ30T2G
NCV612SQ31T1G	NCV612SQ31T2G
NCV612SQ33T1G	NCV612SQ33T2G
NCV612SQ50T1G	NCV612SQ50T2G