



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION
Generic Copy

20-AUG-2002

SUBJECT: ON Semiconductor Final Product/Process Change Notification #12516

TITLE: NCP105X Family Package Change

EFFECTIVE DATE: 19-Oct-2002

AFFECTED CHANGE CATEGORY: Package Change

AFFECTED PRODUCT DIVISION: Analog Products

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or Joe Duffalo <FFBH9W @onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office or Hector Corleto <R42198@onsemi.com>

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact Sales Office or Hector Corleto <R42198@onsemi.com>

DISCLAIMER:

Final Product/Process Change Notification (FPCN) - Final Notification completing the notification process. Distributed at least 60 days from the effective date 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:

As a package improvement, the NCP105x device Family will start shipping in a 7-ld PDIP package. Pin 6 has been removed to provide clearance for Pin 5 (High Voltage Drain). Other than the removal of this pin, no case outline dimensions will change.

Thermal Resistance (junction-air) is 60 C/W for 1.0 sq.in. 2 oz. Cu pad, and 72 C/W for 0.36 sq.in. 2 oz. Cu pad.

Reliability testing has completed with the following results:

1000 temperature cycles: 0/80 failures

96 hrs. HAST: 0/80 failures

This change may take place as early as WW 36.



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RELIABILITY DATA SUMMARY:

1000 temperature cycles: 0/80 failures

96 hrs. HAST: 0/80 failures

ELECTRICAL CHARACTERISTIC SUMMARY:

There is no change in electrical characteristics.

CHANGED PART IDENTIFICATION:

Pin 6 has been removed to provide clearance for Pin 5 (High Voltage Drain). Other than the removal of this pin, no case outline dimensions will change. This change may take place as early as datecode WW 36 2002.

AFFECTED DEVICE LIST (WITHOUT SPECIALS):

PART

NCP1050P100
NCP1050P136
NCP1050P44
NCP1051P100
NCP1051P136
NCP1051P44
NCP1052P100
NCP1052P136
NCP1052P44
NCP1053P100
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