



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16464

Generic Copy

05-May-2010**TITLE:** NCP4302A and NCP4302B Toff Delay Spec Limit Change**PROPOSED FIRST SHIP DATE:** 05-Aug-2010**AFFECTED CHANGE CATEGORY(S):** Product Data Sheet Change/Modification**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor Sales Office or Jack Cartwright
< Jack.Cartwright@onsemi.com >

SAMPLES: Contact your local ON Semiconductor Sales Office**ADDITIONAL RELIABILITY DATA:** No reliability data related to this change**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>.

DESCRIPTION AND PURPOSE:

ON Semiconductor is notifying its customers of a change to the min and max spec limit of the Toff Delay parameter.

Current Spec:

Symbol	Min	Max	Units
Toff (delay)	3.1	5.1	us

New Spec:

Symbol	Min	Max	Units
Toff (delay)	2.8	4.8	us

This will maintain the same specification range of 2.0 μ s. The purpose of the change is to align the spec based on distributional and capability analysis for this parameter. This misalignment was aggravated when the operational temperature range was expanded from (-5°C to 85°C) to (-40°C to 125°C), which occurred February 2008. There have been no changes to the device related to this request.

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RELIABILITY DATA SUMMARY: N/A

ELECTRICAL CHARACTERISTIC SUMMARY:

Current Spec:

Symbol	Min	Max	Units
Toff (delay)	3.1	5.1	us

New Spec:

Symbol	Min	Max	Units
Toff (delay)	2.8	4.8	us

CHANGED PART IDENTIFICATION: No change to physical part.



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List of affected General Parts:

NCP4302ADR2G
NCP4302BDR2G