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**UPDATE CHANGE NOTIFICATION**Generic Copy

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**15-Sep-2008****SUBJECT: ON Semiconductor Update Notification # UN16149****TITLE: NCP5359 Update: Electrical Characteristics****PROPOSED FIRST SHIP DATE: 15-Sep-2008****AFFECTED CHANGE CATEGORY(S):****AFFECTED PRODUCT DIVISION(S): Computing Products Group (CPG)****ADDITIONAL RELIABILITY DATA:****SAMPLES:****FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or David Chu <[david.chu@onsemi.com](mailto:david.chu@onsemi.com)>**NOTIFICATION TYPE:**

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 result of recently updated device characterization on the NCP5359, the following electrical characteristics have changed/improved. This yield improvement will aid in the delivery of these parts as well.

| Parameter                      | Old Min | Old Max | New Min | New Max |
|--------------------------------|---------|---------|---------|---------|
| DRVH Comparator Drop Threshold | 2.2V    |         | 2.0V    |         |
| DRVL Comparator Rise Threshold |         | 1.0V    |         | 0.8V    |
| Propagation Delay (tpdhDRVH)   | 10ns    | 30ns    | 10ns    | 35ns    |
| Propagation Delay (tpdlDRVH)   | 10ns    | 30ns    | 8ns     | 30ns    |
| Propagation Delay (tpdhDRVL)   | 10ns    | 30ns    | 10ns    | 35ns    |
| Propagation Delay (tpdlDRVL)   | 10ns    | 30ns    | 8ns     | 30ns    |



**Update Notification #16149**

**AFFECTED DEVICE LIST**

NCP5359DR2G  
NCP5359MNR2G