



Title of Change:	NCV8660xB datasheet correction																																												
Effective date:	21 March 2018																																												
Contact information:	Contact your local ON Semiconductor Sales Office or <William.Clemens@onsemi.com>																																												
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.																																												
Change category:	<input type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other <u>Datasheet update</u>																																												
Change Sub-Category(s):	<input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Other: _____																																												
Sites Affected:	ON Semiconductor Sites: None	External Foundry/Subcon Sites: None																																											
Description and Purpose:																																													
<p>Correcting the DT Input Current test conditions in the datasheet.</p> <p>The DelayTime Input Current test condition as per the ELECTRICAL CHARACTERISTICS table on page 4 of the datasheet is contradictory to the DETAILED OPERATING DESCRIPTION section describing the Reset Delay Time Selection on page10. Per the Operating Description, the DT pin is to be connected to either GND or Vout for the particular voltage option.</p> <p>Hence the correct DT Input Current test condition in the ELECTRICAL CHARACTERISTICS table on page 4 should be DT = Vout.</p> <p>From (August, 2011 – Rev. 4): ELECTRICAL CHARACTERISTICS table, Page 4:</p> <p>DT (Reset Delay Time Select)</p> <table border="1"> <tr> <td>Threshold Voltage</td> <td>High</td> <td></td> <td>2</td> <td>-</td> <td>-</td> <td>V</td> </tr> <tr> <td></td> <td>Low</td> <td></td> <td>-</td> <td>-</td> <td>0.8</td> <td>V</td> </tr> <tr> <td>Input Current</td> <td></td> <td>DT = 5 V</td> <td>-</td> <td>-</td> <td>1.0</td> <td>µA</td> </tr> </table> <p>To: ELECTRICAL CHARACTERISTICS table, Page 4:</p> <p>DT (Reset Delay Time Select)</p> <table border="1"> <tr> <td>Threshold Voltage</td> <td>High</td> <td></td> <td>2</td> <td>-</td> <td>-</td> <td>V</td> </tr> <tr> <td></td> <td>Low</td> <td></td> <td>-</td> <td>-</td> <td>0.8</td> <td>V</td> </tr> <tr> <td>Input Current</td> <td></td> <td>DT = Vout</td> <td>-</td> <td>-</td> <td>1.0</td> <td>µA</td> </tr> </table> <p>The change will not impact form, fit, or function of products.</p>				Threshold Voltage	High		2	-	-	V		Low		-	-	0.8	V	Input Current		DT = 5 V	-	-	1.0	µA	Threshold Voltage	High		2	-	-	V		Low		-	-	0.8	V	Input Current		DT = Vout	-	-	1.0	µA
Threshold Voltage	High		2	-	-	V																																							
	Low		-	-	0.8	V																																							
Input Current		DT = 5 V	-	-	1.0	µA																																							
Threshold Voltage	High		2	-	-	V																																							
	Low		-	-	0.8	V																																							
Input Current		DT = Vout	-	-	1.0	µA																																							
List of Affected Standard Parts:																																													
NCV86601BD50R2G NCV86601BDT50RKG NCV86602BDT33RKG NCV86603BDT33RKG																																													

Appendix A: Changed Products

Product	Customer Part Number
NCV86601BDT50RKG	
NCV86602BDT33RKG	
NCV86603BDT33RKG	