



Title of Change:	NCP4305 Electrical limits change					
Proposed first ship date:	20 June 2016					
Contact information:	Contact your local ON Semiconductor Sales Office or Petr CDC Valek< PetrCDC.Valek@onsemi.com>					
Samples:	Contact your local ON Semiconductor Sales Office					
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or Petr CDC Valek< PetrCDC.Valek@onsemi.com>.					
Type of notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <PCN.Support@onsemi.com>.					
Change Part Identification:	Affected products will be identified with date code WW25 2016					
Change category:	<input type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input checked="" type="checkbox"/> Test Change <input type="checkbox"/> Other _____					
Change Sub-Category(s):	<input type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____					
Sites Affected:	<input type="checkbox"/> All site(s) <input checked="" type="checkbox"/> not applicable <input type="checkbox"/> ON Semiconductor site(s) : <input type="checkbox"/> External Foundry/Subcon site(s)					
Description and Purpose:						
Affected datasheet parameters will be changed to the following specification (including original values in strikethrough text):						
	Parameter	Symbol	Min	Typ	Max	Unit
	Delay to Disable Mode	t_{DIS_TIM}	85 75	100	115 125	μs
	Disable Recovery Timer	t_{DIS_REC}	6 5	8	10 13	μs
	Disable Recovery Time	$t_{LLD_DIS_REC}$	9 7	12.5	15 16	μs
	Minimum Driver Output Voltage	V_{DRVMIN}	3.8 3.6	4	4.4	V
	VCC UVLO (ver. A,D&Q)	V_{CCON}	4.2	4.45	4.7 4.8	V
	Trigger Threshold Voltage	V_{TRIG_TH}	1.95 1.87	2.02	2.15 2.18	V



Reliability Data Summary:

Not applicable as the changes only apply to parameters limit test changes.

Electrical Characteristic Summary:

Device specification changes can be found in section "Description and purpose".

List of affected Standard Parts:

Part Number	Qualification Vehicle
NCP4305ADR2G	N/A
NCP4305DDR2G	N/A
NCP4305QDR2G	N/A
NCP4305DMNTWG	N/A