

Title of Change:	NCP4318ALFPDR2G IPT Change
Effective date:	20 Sep 2023
Contact information:	Contact your local onsemi Sales Office or Quenet.Agsam@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Test Change
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
onsemi Carmona, Philippines	None

Description and Purpose:

onsemi would like to notify customers of the following datasheet clarifications/updates associated with the datasheets for the device listed on this Product Bulletin.

There is no change in form, fit or function for the products.

And there is no change in the actual testing of the product associated with these clarifications. All changes are noted and then highlighted in bold.

Symbol	Parameter	Before			After			Unit
		Min	Typ	Max	Min	Typ	Max	
V _{TH-OFF-MIN}	Minimum Turn-off Threshold Voltage	-	-6	-	-	-14	-	mV
V _{TH-OFF-MAX}	Maximum Turn-off Threshold Voltage	-	118	-	-	110	-	mV
V _{TH-OFF-RST}	Reset Vaule of Turn-off Threshold Voltage	-	2	-	-	-6	-	mV
K _{TON1}	Adaptive Minimum On Time Ratio when DLY_EN=0	43	50	57	29	34	39	%
K _{TON2}	Adaptive Minimum On Time Ratio when DLY_EN=1	-	20	-	-	17	-	%
I _{OFFSET}	Maximum of Adaptive Offset Current which have 31 steps and 10uA of Resolution	285	310	335	-	0	-	uA
t _{INV}	Debounce Time of SR Current Inversion Detection	-	320	-	-	170	-	ns

List of Affected Standard Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

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