Product Bulletin

Document #:PB24216ZA
Issue Date:03 Jun 2022

Title of Change:	NCV8605-D Datasheet update for correction of Dropout Voltage
Effective date:	03 Jun 2022
Contact information:	Contact your local onsemi Sales Office or Jaroslav.Supina@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:	Documentation
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

onsemi Sites	**External Foundry/Subcon Sites**
None	None

Description and Purpose:

This is a product bulletin informing onsemi customers for the correction done in NCV8605-D datasheet update for correction of Dropout Voltage. Maximum value is removed. Test conditions are below minimum input voltage range, Vin < 1.75V.
The change will not impact form, fit, or function of product(s).

NCP605-D Datasheet correction:

Before

Parameter	Test Conditions	Symbol	Min	Typ	Max	Unit
Dropout voltage (Adjustable Version) (Note 9)	$V_{DO} = V_{in} - V_{out}$ V_{out} = 1.25 V I_{out} = 500 mA	V_{DO}	–	450	470	mV

9. Maximum dropout voltage is limited to minimum input voltage V_{in} = 1.7 V recommended for guaranteed operation at maximum output current.

After

Dropout voltage (Adjustable Version)	$V_{DO} = V_{in} - V_{out}$ V_{out} = 1.25 V I_{out} = 500 mA	V_{DO}	–	450	–	mV

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**.*

NCV8606MNADJT2G	NCV8605MNADJT2G	