



Final Product/Process Change Notification

Document #:FPCN25015X

Issue Date:14 Dec 2022

Title of Change:	NCD57253DWR2G UVLO Datasheet Limit Update
Proposed First Ship date:	21 Mar 2023 or earlier if approved by customer
Contact Information:	Contact your local onsemi Sales Office or Izel.Rodriguez@onsemi.com
PCN Samples Contact:	Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
Additional Reliability Data:	N/A
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. onsemi 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
Marking of Parts/ Traceability of Change:	Products using the new specification will be identified with date code.
Change Category:	Test Change
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

onsemi Sites

onsemi Carmona, Philippines

External Foundry/Subcon Sites

None

Description and Purpose:

Based on the results of safe launch lots data, we are widening the limits for the parameters below. This specification change is not the result of a design or manufacturing process change. The new specification reflects a guard banded limit to production lots distribution, enabling onsemi to maintain its high quality standards.

NCD/V57253 Datasheet

Datasheet/QC TP limits

	Parameter	Description	Min	Typ	Max
<i>Before the Change</i>	V _{UVLOA-OUT-ON} V _{UVLOB-OUT-ON}	V _{DDA/B} Supply Under Voltage Output Enabled	8.7	9	9.3
	V _{UVLOA-OUT-OFF} V _{UVLOB-OUT-OFF}	V _{DDA/B} Supply Under Voltage Output Disabled	7.7	8	8.3
After the Change	V _{UVLOA-OUT-ON} V _{UVLOB-OUT-ON}	V _{DDA/B} Supply Under Voltage Output Enabled	8.6	9.1	9.6
	V _{UVLOA-OUT-OFF} V _{UVLOB-OUT-OFF}	V _{DDA/B} Supply Under Voltage Output Disabled	7.6	8.1	8.6

There are no product material changes as a result of this change.

There is no product marking change as a result of this change.



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Reliability Data Summary:

There is no reliability testing required as a result of this change.

Electrical Characteristics Summary:

Electrical characteristics are not impacted.

List of Affected 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**](#).

Part Number	Qualification Vehicle
NCD57253DWR2G	NA

Appendix A: Changed Products

PCN#: FPCN25015X
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DIKG: DIGI-KEY

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCD57253DWR2G		NA	NA	