



Final Product/Process Change Notification

Document #:FPCN25015Z

Issue Date:14 Dec 2022

Title of Change:	NCV57253DWR2G UVLO Datasheet Limit Update
Proposed Changed Material First Ship Date:	14 Jun 2023 or earlier if approved by customer
Current Material Last Order Date:	N/A <i>Orders received after the Current Material Last Order Date expiration are to be considered as orders for new changed material as described in this PCN. Orders for current (unchanged) material after this date will be per mutual agreement and current material inventory availability.</i>
Current Material Last Delivery Date:	N/A <i>The Current Material Last Delivery Date may be subject to change based on build and depletion of the current (unchanged) material inventory</i>
Product Category:	Active components – Integrated circuits
Contact information:	Contact your local onsemi Sales Office or Izel.Rodriguez@onsemi.com
PCN Samples Contact:	Contact your local onsemi Sales Office to place sample order. Sample requests are to be submitted no later than 45 days after publication of this change notification. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
Sample Availability Date:	N/A
PPAP Availability Date:	N/A
Additional Reliability Data:	N/A
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. The change will be implemented at 'Proposed Change Material First Ship Date' in compliance to J-STD-46 or ZVEI, or earlier upon customer approval, or per our signed agreements. onsemi will consider this proposed change and it's conditions acceptable, unless an inquiry is made in writing within 45 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com .
Change Category	
Category	Type of Change
Data Sheet	Change of datasheet parameters/electrical specification (min./max./typ. values) and/or AC/DC specification

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
Before the Change	VUVLOA-OUT-ON	VDDA/B Supply Under Voltage Output Enabled	8.7	9	9.3
	VUVLOB-OUT-ON	VDDA/B Supply Under Voltage Output Enabled	8.7	9	9.3
	VUVLOA-OUT-OFF	VDDA/B Supply Under Voltage Output Disabled	7.7	8	8.3
	VUVLOB-OUT-OFF	VDDA/B Supply Under Voltage Output Disabled	7.7	8	8.3
After the Change	VUVLOA-OUT-ON	VDDA/B Supply Under Voltage Output Enabled	8.6	9.1	9.6
	VUVLOB-OUT-ON	VDDA/B Supply Under Voltage Output Enabled	8.6	9.1	9.6
	VUVLOA-OUT-OFF	VDDA/B Supply Under Voltage Output Disabled	7.6	8.1	8.6
	VUVLOB-OUT-OFF	VDDA/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.

Reason / Motivation for Change:	Specification Change	
Anticipated impact on fit, form, function, reliability, product safety or manufacturability:	<p>The device has been qualified and validated based on the same Product Specification. The device has successfully passed the qualification tests. Potential impacts can be identified, but due to testing performed by onsemi in relation to the PCN, associated risks are verified and excluded.</p> <p>No anticipated impacts.</p>	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
onsemi Carmona, Philippines	None	
Marking of Parts/ Traceability of Change:	Products using the new specification will be identified with date code.	
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:		
<p>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 <u>PCN Customized Portal</u>.</p>		
Current Part Number	New Part Number	Qualification Vehicle
NCV57253DWR2G	NA	NA