



Final Product/Process Change Notification

Document #:FPCN21292XL

Issue Date:28 Sep 2021

Title of Change:	Qualification of VHVIC (Very High Voltage IC) Technology at onsemi Aizu, Japan
Proposed First Ship date:	08 Jan 2022 or earlier if approved by customer
Contact Information:	Contact your local onsemi Sales Office or Scott.Brow@onsemi.com
PCN Samples Contact:	Contact your local onsemi Sales Office or < PCN.samples@onsemi.com >. 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:	Contact your local onsemi Sales Office or Jacob.Saliba@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. 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:	Product will be identified by having a date code of 2202 or newer. As material from different FABs cannot be combined in to (1) reel, product from onsemi Aizu will show Diffused In: JP on the label of the reel and box. Please see sample MPN on page 2 at the following link http://www.onsemi.com/pub_link/Collateral/LABELRM-D.PDF to see the location of the Diffused In identifier
Change Category:	Wafer Fab Change
Change Sub-Category(s):	Manufacturing Site Addition

Sites Affected:

onsemi Sites

onsemi Aizu, Japan

External Foundry/Subcon Sites

None

Description and Purpose:

onsemi would like to notify its customers of the qualification of our Very High Voltage IC (VHVIC) Technology at our onsemi Aizu, Japan FAB. This qualification enables expanded capacity for this technology.

All products listed in this FPCN may be dual sources from either is current onsemi wafer FAB in Gresham, OR US or onsemi Aizu, Japan.

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

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

Reliability Data Summary:

QV DEVICE NAME: NCP1615C3DR2G

PACKAGE: SOIC-16 (Less Pin 15)

Test	Specification	Condition	Interval	Results
HTOL	JESD22-A108	Ta=125°C, 700V	1000 hrs	p/77

Please see FPCN21292XK for additional reliability data supporting this change.



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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
NCP1342DADBDD1R2G	NCP1615C3DR2G
NCP1342BKDCDAD1R2G	NCP1615C3DR2G
NCP1342ANDBDD1R2G	NCP1615C3DR2G
NCP1342ANACED1R2G	NCP1615C3DR2G
NCP1342AMDCDAD1R2G	NCP1615C3DR2G
NCP1342AMDCCR2G	NCP1615C3DR2G
NCP1342AMAACD1R2G	NCP1615C3DR2G
NCP1341A1D1R2G	NCP1615C3DR2G
NCP1340B5D1R2G	NCP1615C3DR2G
NCP1340B4D1R2G	NCP1615C3DR2G
NCP1340B10DR2G	NCP1615C3DR2G

Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCP1342AMAACD1R2G		NCP1615C3DR2G		