



## Initial Product/Process Change Notification

Document #: IPCN23872X

Issue Date: 02 Mar 2021

<b>Title of Change:</b>	Bump Site transfer from FCI to JCAP (OPN: NUF2441FCT1G)
<b>Proposed First Ship date:</b>	16 Nov 2021 or earlier if approved by customer
<b>Contact Information:</b>	Contact your local ON Semiconductor Sales Office, or <a href="mailto:ghicheong.heng@onsemi.com">ghicheong.heng@onsemi.com</a>
<b>PCN Samples Contact:</b>	Contact your local ON Semiconductor Sales Office or < <a href="mailto:PCN.samples@onsemi.com">PCN.samples@onsemi.com</a> >. 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.
<b>Type of Notification:</b>	This is an Initial Product/Process Change Notification (IPCN) sent to customers. An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact < <a href="mailto:PCN.Support@onsemi.com">PCN.Support@onsemi.com</a> >
<b>Marking of Parts/ Traceability of Change:</b>	Parts using the JCAP bump flow will be identified by a date code
<b>Change Category:</b>	Bump Site Change, Assembly Change
<b>Change Sub-Category(s):</b>	Manufacturing Site Transfer

**Sites Affected:**

ON Semiconductor Sites	External Foundry/Subcon Sites
None	Flipchip International, USA
	JCAP, China

**Description and Purpose:**

	Before Change Description	After Change Description
Bump Site	Flipchip International, USA	JCAP, China

**Qualification Plan:**QV Device Name: **NUF2441FCT1G**RMS: **(RRF # 76260)**Package: **WLCSP**

Test	Specification	Condition	Interval
HTRB	JESD22-A108	Ta= 125°C, 100% max rated VRWM	1008 hrs
HTSL	JESD22-A103	Ta= 150°C	1008 hrs
TC	JESD22-A104	Ta= -40°C to +125°C	1700 <del>cyc</del>
HAST	JESD22-A110	110°C, 85% RH, 3psig, bias	264 hrs
<del>uHAST</del>	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
SBS	JESD22-B117A	CPK ≥ 1.67	-
PD	JESD22 B-100	Per specification	-

Estimated date for qualification completion: 4 August 2021



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**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
NUF2441FCT1G	NUF2441FCT1G