



Final Product/Process Change Notification

Document #:FPCN24563XB

Issue Date:05 May 2022

Title of Change:	UTAC Thai Limited Assembly site expansion for non-automotive	
Proposed First Ship date:	12 Aug 2022 or earlier if approved by customer	
Contact Information:	Contact your local onsemi Sales Office or Naruedol.Srisamran@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:	Contact your local onsemi Sales Office or Shiela.Crosby@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:	No change on marking. Traceability will be maintained by manufacturing lot number	
Change Category:	Assembly Change	
Change Sub-Category(s):	Manufacturing Site Addition	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
None	UTAC, Thailand	
Description and Purpose:		
Add UTAC Thailand Bangsamak site as alternative assembly site by applying same machine model and same material.		
	Before Change Description	After Change Description
Assembly Site	UTAC Thailand Bangkok site	UTAC Thailand Bangkok site (site1) and UTAC Thailand Bangsamak site (Site3)
Materials shipped after PCN effectivity may be sourced from either qualified locations and will be identified by product date code and package labelling. Traceability will be maintained by manufacturing lot number.		
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:

QV DEVICE NAME : NB3L202KMNTXG

RMS : O82299

PACKAGE : QFN

Test	Specification	Condition	Interval	Results
HTOL	JESD22-A108	Ta=125°C, 100 % max rated Vcc	504 hrs	0/80
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/80
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/80
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/80
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/80
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		0/240
SD	JSTD002	Ta = 245C, 5 sec		0/15
PD	JESD22 B100,B108			0/30

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
NB3H5150MNTXG	NB3L202KMNTXG
NB3L208KMNTXG	NB3L202KMNTXG
NB3L208KMNG	NB3L202KMNTXG
NB3L202KMNG	NB3L202KMNTXG
NB3L204KMNTXG	NB3L202KMNTXG
NB3L204KMNG	NB3L202KMNTXG
NB3L202KMNTXG	NB3L202KMNTXG
NB3H5150-01MNTXG	NB3L202KMNTXG