



Final Product/Process Change Notification  
 Document #:FPCN24638X  
 Issue Date:29 Jun 2022

<b>Title of Change:</b>	Lead frame supplier change from CWTC Japan to HDS	
<b>Proposed First Ship date:</b>	07 Oct 2022 or earlier if approved by customer	
<b>Contact Information:</b>	Contact your local onsemi Sales Office or <a href="mailto:Naruedol.Srisamran@onsemi.com">Naruedol.Srisamran@onsemi.com</a>	
<b>PCN Samples Contact:</b>	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.	
<b>Additional Reliability Data:</b>	Contact your local onsemi Sales Office or <a href="mailto:Shiela.Crosby@onsemi.com">Shiela.Crosby@onsemi.com</a>	
<b>Type of Notification:</b>	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 <a href="mailto:PCN.Support@onsemi.com">PCN.Support@onsemi.com</a>	
<b>Marking of Parts/ Traceability of Change:</b>	No change on the marking	
<b>Change Category:</b>	Assembly Change	
<b>Change Sub-Category(s):</b>	Material Change	
<b>Sites Affected:</b>		
<b>onsemi Sites</b>	<b>External Foundry/Subcon Sites</b>	
None	UTAC, Thailand	
<b>Description and Purpose:</b>		
onsemi would like to notify its customers of the qualification for Leadframe supplier change from UTAC, Thailand including change in plating due to current Leadframe supplier discontinuity. No change in Leadframe dimension and case outline.		
	<b>From</b>	<b>To</b>
Leadframe supplier	CWTC Japan	HDS
Leadframe raw material	C194	C194
LeadFrame plating	Selective PPF	Full PPF
There is no product marking change as a result of this change.		



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## Reliability Data Summary:

QV DEVICE NAME: NLAS3158MNR2G

RMS: S81626, O84415

PACKAGE: WDFN

Test	Specification	Condition	Interval	Result
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/252
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/252
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/252
PC	J-STD-020, JESD-A113	MSL 1 @ 260 °C		0/504
SD	JSTD002	Ta = 245C, 5 sec		0/45
PD	JESD22 B100,B108	Critical Cpk>1.67		0/45

## 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
SLAS3158MNR2G	NLAS3158MNR2G
NLAS3158MNR2G	NLAS3158MNR2G

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**Appendix A: Changed Products**

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NLAS3158MNR2G		NLAS3158MNR2G		