



# Initial Product/Process Change Notification

Document #: IPCN24733Z

Issue Date: 17 Jun 2022

<b>Title of Change:</b>	NIV2161MTTAG– Die Attach Film Supplier Change from Lintec to Furukawa	
<b>Proposed Changed Material First Ship Date:</b>	31 Jul 2023 or earlier if approved by customer	
<b>Current Material Last Order Date:</b>	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>	
<b>Current Material Last Delivery Date:</b>	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>	
<b>Product Category:</b>	Active components – Integrated circuits	
<b>Contact information:</b>	Contact your local onsemi Sales Office or <a href="mailto:Nanthiya.Krishnasamy@onsemi.com">Nanthiya.Krishnasamy@onsemi.com</a>	
<b>PCN Samples Contact:</b>	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.	
<b>Additional Reliability Data:</b>	N/A	
<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 6 months prior to implementation of the change. In case of questions, contact < <a href="mailto:PCN.Support@onsemi.com">PCN.Support@onsemi.com</a> >.	
<b>Change Category</b>		
<b>Category</b>	<b>Type of Change</b>	
Process - Assembly	Die attach material, Change of direct material supplier	
<b>Description and Purpose:</b>		
onsemi is announcing the intent to qualify Furukawa Die Attach Film for OPN NIV2161MTTAG which is assembled in onsemi Seremban, Malaysia. FPCN will be issued upon qualification completion.		
	<b>From</b>	<b>To</b>
Die Attach	LINTEC Adwill LE500S	FURUKAWA NEX-130CTX
<b>Reason / Motivation for Change:</b>	Process/Materials Change	
<b>Anticipated impact on fit, form, function, reliability, product safety or manufacturability:</b>	The device will be qualified and validated based on the same Product Specification. No anticipated impacts.	



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<b>Sites Affected:</b>	
<b>onsemi Sites</b>	<b>External Foundry/Subcon Sites</b>
onsemi Seremban, Malaysia	None
<b>Marking of Parts/ Traceability of Change:</b>	Product traceability will be maintained by date code

**Reliability Data Summary:**

**QV DEVICE NAME (AUTO NON CU WIRE):** NIV2161MTTAG

**Package type:** WDFN-10

**RMS#:** S76358

Test	Specification	Condition	Interval
TC	JESD22-A104	Temp = -55°C to +150°C	1000 cycles
RSH	JESD22-B106	Ta=265C	10 sec
SAT	12MSB17722C	As per 12MSB17722C	
PC	J-STD-020 JESD-A113	IR reflow at 245C or 260C (pkg dependant)	
CDPA TCDT	AEC Q101, rev D, test 7A (alt)	Post 1000 cyc TC (+PC)	1000 cycles
CDPA SAT Post 1X Stress	12MSB17722C	Post TC	
DPA	AEC-Q101-004 Section 4	Post 1X TC	
CDPA BS	12MSB17722C	Post TC	
CDPA WP	12MSB17722C	Post TC	
CDPA X Section	12MSB17722C	Post TC	
CDPA Xray	12MSB17722C	Post TC	
Shift	AEC Q101, 12MSB17722C	Post stress testing	
DSS	NA	MIL STD-883 Method 2019	

**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](#).

Current Part Number	New Part Number	Qualification Vehicle
NIV2161MTTAG	NA	NIV2161MTTAG

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**Appendix A: Changed Products**

**PCN#: IPCN24733Z**  
**Issue Date: Jun 17, 2022**

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NIV2161MTTAG		NIV2161MTTAG	NA	