



Final Product Change Notification

202306051F01 : NX5P3001UK New BOM Qualification at ASEK

Note: This notice is NXP Company Proprietary.

Issue Date: Jul 12, 2023 **Effective date:** Oct 10, 2023

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Management summary

Changing of repassivation from PI to PBO on NX5P3001UK at ASEK due to supplier discontinuation.

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input checked="" type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware <input type="checkbox"/> Other				

PCN Overview

Description

Changing of repassivation from PI to PBO due to supplier discontinuation.

Repassivation: change before is I-8124ER1 and change after is HD8820

UBM: change before is Ti/NiV/Cu and change after is Ti/Cu/Cu

It should be noted that the above configuration is a current standard and is in high volume manufacturing.

Note: There was previously a update (20230517) as listed in the currently available datasheet where the

package outline (max/nom/min dimensions for "b") was corrected. The original data was incorrect.

There

is/was not change to the product from the dimensional aspect.

Reason

Changing of repassivation from PI to PBO due to supplier discontinuation.

Identification of Affected Products

Top Side Marking

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment Oct 16, 2023

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Self qualification: [view online](#)

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Aug 11, 2023.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

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NXP Quality Management Team.

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Orderable Part Number#	12NC	Product Type	Product Description	Product Status	Customer Specific Indicator	Product Line
NX5P3001UKZ	935302222012	NX5P3001UK	Bi-dir sw w/charger & USB-OTG	RFS	No	BLC4