



Final Product Change Notification

202402014F01 : NVT2008BQ Wire Conversion from Au to Cu and Roughened Leadframe

Note: This notice is NXP Company Proprietary.

Issue Date: Mar 06, 2024 **Effective date:** Jun 14, 2024

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Management summary

NXP will change the wire for the bonding process of the NVT2008BQ product, from gold to copper in conjunction with a roughened leadframe, for improved reliability and manufacturing logistics. This will align the manufacturing process and flow of this product to industry standard.

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

ATBK will convert to copper wire and roughened leadframe.

Reason

Copper wire and roughened leadframe will improve overall product reliability and reduce logistics risks in production by moving the product to standard, current production materials.

Identification of Affected Products

Product identification does not change

Orderable part number for the NVT2008BQ product will transition from 12NC 9352 919 82115 to 12NC 9352 919 82471, which is currently available for immediate purchase.

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment Mar 15, 2024

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

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

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 Apr 05, 2024.

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:

Name	Jason Diefenbacher
Position	Quality Engineer
e-mail address	jason.diefenbacher@nxp.com

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NXP Quality Management Team.

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New Orderable Part#	12NC New	Product Type New	Product Description New	Product Line
NVT2008BQ.115	935291982115	NVT2008BQ	Bidirectional voltage level xlator	H(V)QFN20D	SOT764-1	RFS	No	NVT2008BQZ	935291982471	NVT2008BQ	Bidirectional voltage level xlator	BLC6