



## Final Product Change Notification

202504018F01 : Introduction of Assembly Source NXP Bangkok in Addition to NXP Kaohsiung for NCJ29D5 UWB Product Family

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Oct 06, 2025 **Effective Date:** Jan 04, 2026

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### Management summary

NXP Bangkok (ATBK) will be introduced as assembly source for NCJ29D5 UWB product family in addition to NXP Kaohsiung (ATKH) to support the demand for supply chain flexibility.

### 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 checked="" type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input checked="" type="checkbox"/> Test Location	<input type="checkbox"/> Electrical spec./Test coverage
<input checked="" type="checkbox"/> Firmware <input type="checkbox"/> Other				

## Notification Overview

### Description

Assembly site NXP Bangkok (ATBK) has been qualified in addition to incumbent assembly site Kaohsiung (ATKH) for NCJ29D5 UWB product family.

Furthermore, the package composition for the incumbent site will be slightly adapted for standardization and upgrade.

This adjustment contributes to attaining an improved Moisture Sensitivity Level 1 classification. The package geometry and outer dimensions remain unchanged, same holds for silicon die and product specification.

For details of the change and its qualification, see attached report.

Only for NCJ29D5BHN/00200, NCJ29D5CHN/00200, NCJ29D5DHN/00200:

The Firmware version 00200 of these NCJ29D5 (Ranger4) components will be replaced by Firmware version 00201.

Firmware 00201 has been announced and introduced in 2022, and product versions with that firmware are in mass production since then. Details of this change are described in attached SWUP presentation.

### Reason

- Increased product demand
- Supply resilience and redundancy through dual source assembly.
- Improvement of moisture sensitivity level to MSL1, which allows higher flexibility in customer production and reduction of waste.

**Identification of Affected Products**

Replacement part type created, see Parts Affected list

**Product Availability**

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**Sample Information**

Samples are available upon request

**Production**

Planned first shipment Dec 01, 2025

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

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

Achieving Moisture Sensitivity Level 1 enables shipment without the need for dry pack.

**Data Sheet Revision**

No impact to existing data sheet

**Disposition of Old Products**

Per individual alignment with customers

**Additional information**

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Self qualification: view online

Additional documents: view online

**Timing and Logistics**

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In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Nov 05, 2025.

**Remarks**

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Product availability: First shipment dates will be individually aligned with customers.

Attached to this notification is a change description, a description of the firmware update (where applicable) and the ZVEI DeQuMa (both xlsx and pdf in zipped file). Please use the link 'view online' under the heading 'Additional information' above, to log in to the NXP e-PCN system you're subscribed to, in order to obtain the files attached to this PCN.

**Contact and Support**

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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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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New 12NC	New Orderable Part Number	New Product Type	New Product Description	Product Line	Notes
935430452518	NCJ29D58HN/00201Y	NCJ29D58HN/00201	UWB	H(V)QFN40WF	SOT618-7(D0)	RFS	No	935464881118	NCJ29D58HN/00201J	NCJ29D58HN/00201D	UWB	BLC1	
935436453518	NCJ29D5CHN/00201Y	NCJ29D5CHN/00201	UWB	H(V)QFN40WF	SOT618-7(D0)	RFS	No	935464885118	NCJ29D5CHN/00201AJ	NCJ29D5CHN/00201D	UWB	BLC1	
935430434518	NCJ29D5DHN/00201Y	NCJ29D5DHN/00201	UWB	H(V)QFN40WF	SOT618-7(D0)	RFS	No	935464541118	NCJ29D5DHN/00201AJ	NCJ29D5DHN/00201D	UWB	BLC1	
935395735518	NCJ29D58HN/00200Y	NCJ29D58HN/00200	UWB	H(V)QFN40WF	SOT618-7(D0)	RFS	No	935464881118	NCJ29D58HN/00201J	NCJ29D58HN/00201D	UWB	BLC1	
935395744518	NCJ29D5CHN/00200Y	NCJ29D5CHN/00200	UWB	H(V)QFN40WF	SOT618-7(D0)	RFS	No	935464885118	NCJ29D5CHN/00201AJ	NCJ29D5CHN/00201D	UWB	BLC1	
935397901518	NCJ29D5DHN/00200Y	NCJ29D5DHN/00200	UWB	H(V)QFN40WF	SOT618-7(D0)	RFS	No	935464541118	NCJ29D5DHN/00201AJ	NCJ29D5DHN/00201D	UWB	BLC1	