



Product Change Notification

CN-202410012F

Issue date: 25 Nov 2024

Effective date: 09 Mar 2025

Here's your personalized quality information concerning products our customers and partners purchased from Nexperia.

For more details please contact your respective Nexperia CSR/AM.



Dual sourcing for back-end manufacturing of automotive products in SOT23 package - wave 2

Change Category

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wafer	Assembl		
Fab	y		
Process	Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Mechanical	Location
Wafer	Assembl	Specification	<input type="checkbox"/> Test
Fab	y	<input type="checkbox"/>	Process
Material	Materials	Packing/Shipping/Labelin	<input type="checkbox"/> Test
s	[X]	g	Equipmen
<input type="checkbox"/>	Assembl		t
Wafer	y		
Fab	Location		<input type="checkbox"/> Design
Location			<input type="checkbox"/> Errata
			<input type="checkbox"/> Electrical
			spec./Tes
			t
			coverage

Details of this change

For the affected products, Nexperia is introducing dual sourcing regarding the assembly process. Currently, assembly for these products is performed only at ATGD. An additional Nexperia internal back-end site, ATSN, has now been qualified as assembly location for the listed products. There will be no change in the product fit, form and function.

CN202410012F-SelfQualificationReport.pdf:
<https://qcm.nexperia.com/Document/DOC-584904/CN202410012F-SelfQualificationReport.pdf>

CN202410012F_PCN-Delta-Qualification-Matrix-ZVEI-5_1.pdf:
https://qcm.nexperia.com/Document/DOC-584905/CN202410012F_PCN-Delta-Qualification-Matrix-ZVEI-5_1.pdf

CN-202410012F_PCN-FORM-Rev_5_1.xlsm:
https://qcm.nexperia.com/Document/DOC-584906/CN-202410012F_PCN-FORM-Rev_5_1.xlsm

Why do we implement this change?

From implementation date on, Nexperia will have increased supply security provided by multiple assembly locations.

Identification of affected products

Top Side Marking

Product availability

Production

Planned first shipment: 01 Apr 2025

Sample information

Samples are available upon request

Impact

No impact to the product's functionality anticipated

Data sheet revision

No impact to existing datasheet

Disposition of old products

NA, dual sourcing

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 25 Dec 2024. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Additional information

[View Change Notification Online](#)

Contact and support

For all Quality Notification content inquiries, please contact your local Nexperia Sales Support Team.

For specific questions on this notice or the products affected please contact our specialist directly: pcn@nexperia.com

In case of distribution, please contact you distribution partner.

About Nexperia B.V.

We at Nexperia are the efficiency semiconductor company. We deliver over 90 billion products a year and as such service thousands of global customers, both directly and through our extensive network of channel partners. We are at the heart of billions of electronic devices in the Automotive, Mobile, Industrial, Consumer, Computing, and Communication Infrastructure segments.

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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecficIndicator	BusinessLine_description
934063609215	2N7002BK,215	2N7002BK,215	2N7002BK	2N7002BK	SOT23	TO-236AB	RFS	No	MOS Discretes
934063609235	2N7002BKVL	2N7002BKVL	2N7002BKVL	2N7002BK	SOT23	TO-236AB	RFS	No	MOS Discretes
934065729215	B5S138BK,215	B5S138BK,215	B5S138BK	B5S138BK	SOT23	TO-236AB	RFS	No	MOS Discretes
934065729235	B5S138BKVL	B5S138BKVL	B5S138BKVL	B5S138BK	SOT23	TO-236AB	RFS	No	MOS Discretes
934064988215	B5S138P,215	B5S138P,215	B5S138P	B5S138P	SOT23	TO-236AB	RFS	No	MOS Discretes
934065304215	B5S84AK,215	B5S84AK,215	B5S84AK	B5S84AK	SOT23	TO-236AB	RFS	No	MOS Discretes
934065304235	B5S84AKVL	B5S84AKVL	B5S84AKVL	B5S84AK	SOT23	TO-236AB	RFS	No	MOS Discretes
934064624215	NX2301P,215	NX2301P,215	NX2301P	NX2301P	SOT23	TO-236AB	RFS	No	MOS Discretes
934064624235	NX2301PVL	NX2301PVL	NX2301PVL	NX2301P	SOT23	TO-236AB	RFS	No	MOS Discretes
934065642215	NX3008PBK,215	NX3008PBK,215	NX3008PBK	NX3008PBK	SOT23	TO-236AB	RFS	No	MOS Discretes
934065642235	NX3008PBKVL	NX3008PBKVL	NX3008PBKVL	NX3008PBK	SOT23	TO-236AB	RFS	No	MOS Discretes