nexperia

Product Change Notification **CN-202607017F**

Issue date: 09 Oct 2026

Effective date: 23 Oct 2026

Dear PCN TTI,

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

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



Extraordinary PCN: Release of additional assembly site ATCB due to exceptional circumstances outside the control of Nexperia B.V. and various other changes for SOT89

Change Category

[ ] Wafer Fab Process	[X] Assembly Process	[ ] Product Marking	[X] Test Location	[ ] Design
[ ] Wafer Fab Materials	[X] Assembly Materials	[ ] Mechanical Specification	[ ] Test Process	[ ] Errata
[ ] Wafer Fab Location	[X] Assembly Location	[ ] Packing/Shipping /Labeling	[ ] Test Equipment	[ ] Electrical spec./Test coverage

Details of this change

The Nexperia owned assembly site ATCB will be released additionally for production with immediate effect. The materials and specifications of the products remain unchanged.

Additionally, further changes will be announced. Please refer to the Self-Qualification Report for a detailed description and evaluation of the changes covered by this PCN.

CN-202607017F_Self_Qualification_Report.pdf: https://qcm.nexperia.com/Document/DOC-617317/CN-202607017F_Self_Qualification_Report.pdf

CN-202607017F_PCN-FORM-Rev.xlsm: https://qcm.nexperia.com/Document/DOC-617276/CN-202607017F_PCN-FORM-Rev.xlsm

CN-202607017F_PCN-Delta-Qualification-Matrix-ZVEI-5_1_.xlsm: https://qcm.nexperia.com/Document/DOC-617264/CN-202607017F_PCN-Delta-Qualification-Matrix-ZVEI-5_1_.xlsm

CN-202607017F_changeMatrix.xlsx: https://qcm.nexperia.com/Document/DOC-617235/CN-202607017F_changeMatrix.xlsx

Chem_Content_CN-202607017F_20261008.zip: https://qcm.nexperia.com/Document/DOC-617242/Chem_Content_CN-202607017F_20261008.zip

Why do we implement this change?

Exceptional circumstances outside the control of Nexperia B.V. regarding the test and assembly site ATGD in Dongguan, China are continuing to impact our supply chain. To ensure future supply and minimize disruption, we release the Nexperia B.V. owned assembly site ATCB in Cabuyao, Philippines as an additional assembly site with immediate effect.

Impact and Required Action

New orders for the affected 12NCs will automatically be considered as acceptance of this PCN.
- If you do not agree with the changes described in this PCN, please let us know immediately and ensure no new orders for the affected products are placed.
- If we do not receive a response from you within five (5) working days from the date of this PCN, we will assume that you accept the PCN.
- In case of a rejection of the PCN, Nexperia B.V. will reserve the right to cancel all open and confirmed orders related to the affected product(s) and as such a rejection may result in discontinuation of supply. Nexperia B.V. cannot be held liable for non-supply in such cases.

Identification of affected products

The assembly site can be identified on the packing labels (outer box as well as reel-label) and the vendor code on the package marking.

Management summary

Extraordinary PCN: Release of additional assembly site ATCB due to exceptional circumstances outside the control of Nexperia B.V. for SOT89.

The following changes will be announced:
- SEM-PA-03 Change in leadframe dimensions
- SEM-PA-04 Change of lead frame finishing material / area (internal)
- SEM-PA-08 Change of wire bonding
- SEM-PA-11 Change of mold compound / encapsulation material
- SEM-PA-18 Move all or parts of production to a different assembly site

- SEM-EQ-02 Production from a new equipment/tool which uses the same basic technology (replacement equipment or extension of existing equipment pool) without change of process.
- SEM-TF-01 Move of all or part of electrical wafer test and/or final test to a different test site

Product availability

Production

Planned first shipment: 23 Oct 2026

Existing inventory will be shipped until depleted

Sample information

Samples are available upon request

Impact

No impact to the product's functionality anticipated

Data sheet revision

No impact to existing datasheet

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 16 Oct 2026. 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 B.V. 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 B.V. 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
933272280115	BCX51,115	BCX51,115
933663040115	BCX51-10,115	
934666366135	BCX51-10-QF	
934666366115	BCX51-10-QX	
933663040135	BCX51-10F	
933674710115	BCX51-16,115	
933674710135	BCX51-16,135	
934666367135	BCX51-16-QF	
934666367115	BCX51-16-QX	
934666361115	BCX51-QX	
933272290115	BCX52,115	
933663050115	BCX52-10,115	
934668755115	BCX52-10-QX	
933674720115	BCX52-16,115	
933674720135	BCX52-16,135	
934664785135	BCX52-16-QF	
934664785115	BCX52-16-QX	
934668752115	BCX52-QX	
933272300115	BCX53,115	BCX53,115
933272300146	BCX53,146	
934668756115	BCX53-QX	
934059008115	PBSS302NX,115	
934667753115	PBSS302NX-QX	
934059015115	PBSS302PX,115	
934667755115	PBSS302PX-QX	
934059009115	PBSS303NX,115	
934667756115	PBSS303NX-QX	
934059016115	PBSS303PX,115	
934667758115	PBSS303PX-QX	
934059011115	PBSS304NX,115	
934665984115	PBSS304NX-QX	
934059011146	PBSS304NXZ	
934059012115	PBSS305NX,115	
934667757115	PBSS305NX-QX	
934059013115	PBSS306NX,115	
934667749115	PBSS306NX-QX	
934059019115	PBSS306PX,115	
934667750115	PBSS306PX-QX	
934063406115	PBSS4032NX,115	
934667751135	PBSS4032NX-QF	
934063406135	PBSS4032NXF	
934063407115	PBSS4032PX,115	
934667754115	PBSS4032PX-QX	

ProductType_name	BasicType_description	PackageOutlineVersion_description
BCX51	45 V, 1 A PNP medium pov	SOT89
BCX51-10	45 V, 1 A PNP medium pov	SOT89
BCX51-10-Q	45 V, 1 A PNP medium pov	SOT89
BCX51-10-Q	45 V, 1 A PNP medium pov	SOT89
BCX51-10	45 V, 1 A PNP medium pov	SOT89
BCX51-16	45 V, 1 A PNP medium pov	SOT89
BCX51-16	45 V, 1 A PNP medium pov	SOT89
BCX51-16-Q	45 V, 1 A PNP medium pov	SOT89
BCX51-16-Q	45 V, 1 A PNP medium pov	SOT89
BCX51-Q	45 V, 1 A PNP medium pov	SOT89
BCX52	60 V, 1 A PNP medium pov	SOT89
BCX52-10	60 V, 1 A PNP medium pov	SOT89
BCX52-10-Q	60 V, 1 A PNP medium pov	SOT89
BCX52-16	60 V, 1 A PNP medium pov	SOT89
BCX52-16	60 V, 1 A PNP medium pov	SOT89
BCX52-16-Q	60 V, 1 A PNP medium pov	SOT89
BCX52-16-Q	60 V, 1 A PNP medium pov	SOT89
BCX52-Q	60 V, 1 A PNP medium pov	SOT89
BCX53	80 V, 1 A PNP medium pov	SOT89
BCX53	80 V, 1 A PNP medium pov	SOT89
BCX53-Q	80 V, 1 A PNP medium pov	SOT89
PBSS302NX	20 V, 5.3 A NPN low VCEsa	SOT89
PBSS302NX-Q	20 V, 5.3 A NPN low VCEsa	SOT89
PBSS302PX	20 V, 5.1 A PNP low VCEsat	SOT89
PBSS302PX-Q	20 V, 5.1 A PNP low VCEsat	SOT89
PBSS303NX	30 V, 5.1 A NPN low VCEsa	SOT89
PBSS303NX-Q	30 V, 5.1 A NPN low VCEsa	SOT89
PBSS303PX	30 V, 5.1 A PNP low VCEsat	SOT89
PBSS303PX-Q	30 V, 5.1 A PNP low VCEsat	SOT89
PBSS304NX	60 V, 4.7 A NPN low VCEsa	SOT89
PBSS304NX-Q	60 V, 4.7 A NPN low VCEsa	SOT89
PBSS304NX	60 V, 4.7 A NPN low VCEsa	SOT89
PBSS305NX	80 V, 4.6 A NPN low VCEsa	SOT89
PBSS305NX-Q	80 V, 4.6 A NPN low VCEsa	SOT89
PBSS306NX	100 V, 4.5 A NPN low VCEs	SOT89
PBSS306NX-Q	PBSS306NX-Q	SOT89
PBSS306PX	100 V, 3.7 A PNP low V_CE	SOT89
PBSS306PX-Q	PBSS306PX-Q	SOT89
PBSS4032NX	30 V, 4.7 A NPN low VCEsa	SOT89
PBSS4032NX-Q	PBSS4032NX-Q	SOT89
PBSS4032NX	30 V, 4.7 A NPN low VCEsa	SOT89
PBSS4032PX	30 V, 4.2 A PNP low VCEsat	SOT89
PBSS4032PX-Q	PBSS4032PX-Q	SOT89

PackageType_description	SalesItem_state	SalesItem_discontinuationType
MPT3	RFS	
MPT3	RFS	
MPT3	RFS	

SalesItem_availability SalesItem_source SalesItem_lastTimeBuyDate

SalesItem_lastTimeShipDate	SalesItem_customerSpecificIndicator
	No
	No
	No

Replacement_SalesItem_orderablePartNumber	Replacement_SalesItem_name

Replacement_ProductType_name Replacement_BasicType_description

BusinessLine_description
Bipolar Discretes
Bipolar Discretes
Bipolar Discretes