nexperia

Product Change Notification **CN-202610012F**

Issue date: 15 Oct 2026

Effective date: 29 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.

Nexperia’s Business Group Bipolar Discretes will remove the “Automotive qualification status” for selected parts of its standard portfolio. At the same time, a new portfolio with Automotive qualified products “Q-Portfolio” will be released. Types of the new Q-Portfolio will be named with "-Q" at the end

of the type-number. This PCN contains a cross list for the product types which will be introduced at present.

CN-202610012F_PCN-FORM-Rev.xlsm: https://qcm.nexperia.com/Document/DOC-617571/CN-202610012F_PCN-FORM-Rev.xlsm

Chem_Content_CN-202610012F_20261013.zip: https://qcm.nexperia.com/Document/DOC-617460/Chem_Content_CN-202610012F_20261013.zip

CN-202610012F_PCN-Delta-Qualification-Matrix-ZVEI-5_1_.xlsm: https://qcm.nexperia.com/Document/DOC-617445/CN-202610012F_PCN-Delta-Qualification-Matrix-ZVEI-5_1_.xlsm

CN-202610012F_Self_Qualification_Report.pdf: https://qcm.nexperia.com/Document/DOC-617442/CN-202610012F_Self_Qualification_Report.pdf

CN-202610012F_changeMatrix.xlsx: https://qcm.nexperia.com/Document/DOC-617443/CN-202610012F_changeMatrix.xlsx

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 Philippines as an additional assembly site with immediate effect. To inform customers of standard products that the automotive qualification status will be removed as of the effective date. To inform customers who need automotive qualified products about the change of the type-number and the 12NC (ordering code). If required, customers must change their orderbook to the related Q-parts. In rare cases not all packing variants are available as Q-part. Then the default packing variant needs to be used (e.g., order code ending -115).

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.
Products of the new Q-Portfolio can be identified by new type number and new 12NC order code. The marking on the product is unchanged.

Management summary

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

Additionally, 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-TF-01 Move of all or part of electrical wafer test and/or final test to a different test 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-AN-01 and SEM-PS-04 Release of Q-portfolio - New type number and ordering code (12NC) for Automotive qualified products. Removal of “Automotive qualification status” of current (standard) products.

Product availability

Production

Planned first shipment: 29 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

A new datasheet will be issued

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 22 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
933663060115	BCX53-10,115	BCX53-10,115
933663060135	BCX53-10,135	
934668757135	BCX53-10-QF	
934668757115	BCX53-10-QX	
933674730115	BCX53-16,115	
933674730135	BCX53-16,135	
933674730146	BCX53-16,146	
934668758135	BCX53-16-QF	
934668758115	BCX53-16-QX	
934668758146	BCX53-16-QZ	
934669979135	PBSS4240X-QF	
934669979115	PBSS4240X-QX	
934067252135	PBSS4240XF	
934067252115	PBSS4240XX	
934057967115	PBSS4250X,115	
934057967135	PBSS4250X,135	
934663787135	PBSS4250X-QF	
934663787115	PBSS4250X-QX	
934055628115	PBSS4350X,115	
934055628135	PBSS4350X,135	
934055628146	PBSS4350X,146	
934055628147	PBSS4350X,147	
934663789146	PBSS4350X-QAZ	
934663789135	PBSS4350X-QF	
934663789115	PBSS4350X-QX	
934663789147	PBSS4350X-QZ	
934058037115	PBSS5330X,115	
934058037135	PBSS5330X,135	PBSS5330X,135
934663792135	PBSS5330X-QF	
934663792115	PBSS5330X-QX	
934663792147	PBSS5330X-QZ	
934058037147	PBSS5330XZ	
934057975135	PBSS8110X,135	PBSS8110X,135
934669975135	PBSS8110X-QF	
933821820115	PXT2222A,115	
934673606115	PXT2222A-QX	

ProductType_name	BasicType_description	PackageOutlineVersion_description
BCX53-10	80 V, 1 A PNP medium pov	SOT89
BCX53-10	80 V, 1 A PNP medium pov	SOT89
BCX53-10-Q	80 V, 1 A PNP medium pov	SOT89
BCX53-10-Q	80 V, 1 A PNP medium pov	SOT89
BCX53-16	80 V, 1 A PNP medium pov	SOT89
BCX53-16	80 V, 1 A PNP medium pov	SOT89
BCX53-16	80 V, 1 A PNP medium pov	SOT89
BCX53-16-Q	80 V, 1 A PNP medium pov	SOT89
BCX53-16-Q	80 V, 1 A PNP medium pov	SOT89
BCX53-16-Q	80 V, 1 A PNP medium pov	SOT89
PBSS4240X-Q	40 V, 2 A NPN low VCEsat (	SOT89
PBSS4240X-Q	40 V, 2 A NPN low VCEsat (	SOT89
PBSS4240X	40 V, 2 A NPN low VCEsat (	SOT89
PBSS4240X	40 V, 2 A NPN low VCEsat (	SOT89
PBSS4250X	50 V, 2 A NPN low VCEsat (	SOT89
PBSS4250X	50 V, 2 A NPN low VCEsat (	SOT89
PBSS4250X-Q	50 V, 2 A NPN low VCEsat (	SOT89
PBSS4250X-Q	50 V, 2 A NPN low VCEsat (	SOT89
PBSS4350X	50 V, 3 A NPN low VCEsat (	SOT89
PBSS4350X	50 V, 3 A NPN low VCEsat (	SOT89
PBSS4350X	50 V, 3 A NPN low VCEsat (	SOT89
PBSS4350X	50 V, 3 A NPN low VCEsat (	SOT89
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (	SOT89
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (	SOT89
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (	SOT89
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (	SOT89
PBSS5330X	30 V, 3 A PNP low VCEsat (	SOT89
PBSS5330X	30 V, 3 A PNP low VCEsat (	SOT89
PBSS5330X-Q	30 V, 3 A PNP low VCEsat (	SOT89
PBSS5330X-Q	30 V, 3 A PNP low VCEsat (	SOT89
PBSS5330X-Q	30 V, 3 A PNP low VCEsat (	SOT89
PBSS5330X	30 V, 3 A PNP low VCEsat (	SOT89
PBSS8110X	100 V, 1 A NPN low VCEsat	SOT89
PBSS8110X-Q	100 V, 1 A NPN low VCEsat	SOT89
PXT2222A	NPN switching transistor	SOT89
PXT2222A-Q	NPN switching transistor	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
BCX53-10-QX	934668757115
BCX53-10-QF	934668757135
BCX53-16-QX	934668758115
BCX53-16-QF	934668758135
BCX53-16-QZ	934668758146
PBSS4240X-QF	934669979135
PBSS4240X-QX	934669979115
PBSS4250X-QX	934663787115
PBSS4250X-QF	934663787135
PBSS4350X-QX	934663789115
PBSS4350X-QF	934663789135
PBSS4350X-QAZ	934663789146
PBSS4350X-QZ	934663789147
PBSS5330X-QX	934663792115
PBSS5330X-QF	934663792135
PBSS5330X-QZ	934663792147
PBSS8110X-QF	934669975135
PXT2222A-QX	934673606115

Replacement_ProductType_name	Replacement_BasicType_description
BCX53-10-Q	80 V, 1 A PNP medium power transistors
BCX53-10-Q	80 V, 1 A PNP medium power transistors
BCX53-16-Q	80 V, 1 A PNP medium power transistor
BCX53-16-Q	80 V, 1 A PNP medium power transistor
BCX53-16-Q	80 V, 1 A PNP medium power transistor
PBSS4240X-Q	40 V, 2 A NPN low VCEsat (BISS) transistor
PBSS4240X-Q	40 V, 2 A NPN low VCEsat (BISS) transistor
PBSS4250X-Q	50 V, 2 A NPN low VCEsat (BISS) transistor
PBSS4250X-Q	50 V, 2 A NPN low VCEsat (BISS) transistor
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (BISS) transistor
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (BISS) transistor
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (BISS) transistor
PBSS4350X-Q	50 V, 3 A NPN low VCEsat (BISS) transistor
PBSS5330X-Q	30 V, 3 A PNP low VCEsat (BISS) transistor
PBSS5330X-Q	30 V, 3 A PNP low VCEsat (BISS) transistor
PBSS5330X-Q	30 V, 3 A PNP low VCEsat (BISS) transistor
PBSS8110X-Q	100 V, 1 A NPN low VCEsat (BISS) transistor
PXT2222A-Q	NPN switching transistor

BusinessLine_description
Bipolar Discretes
Bipolar Discretes
Bipolar Discretes