



Product Change Notification

CN-202411022F

Issue date: 05 May 2025

Effective date: 17 Aug 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.



New die-layout and -size of transistors

Change

Category

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

Details of this change

The following changes are affected:

- The layout will be changed.
- The die pitch will be changed.

Please see SQR file for details.

SQR_CN-202411022F.pdf: https://qcm.nexperia.com/Document/DOC-593520/SQR_CN-202411022F.pdf

PCN-FORM-CN-202411022F.xlsm:
<https://qcm.nexperia.com/Document/DOC-593505/PCN-FORM-CN-202411022F.xlsm>

CN-202411022F_changeMatrix.xlsx:
https://qcm.nexperia.com/Document/DOC-593504/CN-202411022F_changeMatrix.xlsx

PCN-Delta-Qualification-Matrix-CN-202411022F.xlsm:
<https://qcm.nexperia.com/Document/DOC-593503/PCN-Delta-Qualification-Matrix-CN-202411022F.xlsm>

ChemContents_CN-202411022F_20250424.zip:
https://qcm.nexperia.com/Document/DOC-593325/ChemContents_CN-202411022F_20250424.zip

Why do we implement this change?

Supply Security and increase of production capacity.

Identification of affected products

Changed products can be identified by date code after implementation.

Product availability

Production

Planned first shipment: 17 Aug 2025

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 04 Jun 2025. 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_customerSpecificIndicator	BusinessLine_description
934024240115	BC807-16W,115	BC807-16W,115	BC807-16W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024240135	BC807-16W,135		BC807-16W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934663662135	BC807-16W-QF		BC807-16W-Q	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934663662115	BC807-16W-QX		BC807-16W-Q	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024250115	BC807-25W,115	934024250115	BC807-25W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024250115	BC807-25W,115	BC807-25W,115	BC807-25W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024250135	BC807-25W,135	BC807-25W,135	BC807-25W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934663660135	BC807-25W-QF		BC807-25W-Q	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934663660115	BC807-25W-QX	BC807-25W-QX	BC807-25W-Q	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024260115	BC807-40W,115	934024260115	BC807-40W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024260115	BC807-40W,115	BC807-40W,115	BC807-40W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024260135	BC807-40W,135	934024260135	BC807-40W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934024260135	BC807-40W,135	BC807-40W,135	BC807-40W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934663659135	BC807-40W-QF		BC807-40W-Q	small signal transistor	SOT323	SC-70	RFS	No	Bipolar Discretes
934663659115	BC807-40W-QX		BC807-40W-Q	small signal transistor	SOT323	SC-70	RFS	No	Bipolar Discretes
934027170115	BC807W,115	934027170115	BC807W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934027170115	BC807W,115	BC807W,115	BC807W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934027170135	BC807W,135	BC807W,135	BC807W	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934663661135	BC807W-QF		BC807W-Q	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes
934663661115	BC807W-QX		BC807W-Q	45 V, 500 mA PNP general- \dagger	SOT323	SC-70	RFS	No	Bipolar Discretes