



Product Change Notification

CN-202404001F

**Issue date:** 21 Jan 2025

**Effective date:** 05 May 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.



*Release of new assembly site as second source for non-automotive products in SOT23 package*

Change

Category

- Wafer
- Fab
- Process
- Wafer
- Fab
- Material
- s
- Wafer
- Fab
- Location
- Assembl
- y
- Process
- Assembl
- y
- Materials
- Assembl
- y
- Location
- Product Marking
- Mechanical
- Specification
- Packing/Shipping/Labelin
- g
- Test
- Location
- Test
- Process
- Test
- Equipmen
- t
- Design
- Errata
- Electrical
- spec./Tes
- t
- coverage

## *Details of this change*

Release part of Nexperia's Non-Automotive portfolio in SOT23 at Jiangsu Poppula Semiconductor Co., Ltd. (Poppula) in addition to existing assembly at Nexperia China Ltd. (Nexperia ATGD) and Nexperia Malaysia Sdn. Bhd. (Nexperia ATSN).

CN-202404001F\_SQR.pdf: [https://qcm.nexperia.com/Document/DOC-587876/CN-202404001F\\_SQR.pdf](https://qcm.nexperia.com/Document/DOC-587876/CN-202404001F_SQR.pdf)

PCNchangeMatrix\_CN-202404001F.xlsx:  
[https://qcm.nexperia.com/Document/DOC-587877/PCNchangeMatrix\\_CN-202404001F.xlsx](https://qcm.nexperia.com/Document/DOC-587877/PCNchangeMatrix_CN-202404001F.xlsx)

Chem\_Content\_CN-202404001F\_20241127.zip:  
[https://qcm.nexperia.com/Document/DOC-585327/Chem\\_Content\\_CN-202404001F\\_20241127.zip](https://qcm.nexperia.com/Document/DOC-585327/Chem_Content_CN-202404001F_20241127.zip)

Why do we implement this change?

Second Source Assembly site. Expand production capacity.

Identification of affected products

Top Side Marking

Products from new assembly site can be identified by top side marking of product (assembly plant code identifier) after implementation. (ATGD: "W", Poppula: "C").

## *Product availability*

Production

Planned first shipment: 05 May 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

N/A

## Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 20 Feb 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](mailto: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
933460620215	BAS16.215	BAS16.215	BAS16	High-speed switching diode	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933460620235	BAS16.235	BAS16.235	BAS16	High-speed switching diode	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589520215	BC817.215	BC817.215	BC817	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589520235	BC817.235	BC817.235	BC817	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933628620215	BC817.16.215	BC817.16.215	BC817-16	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933628620235	BC817.16.235	BC817.16.235	BC817-16	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933628630215	BC817.25.215	BC817.25.215	BC817-25	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933628630235	BC817.25.235	BC817.25.235	BC817-25	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933628640215	BC817.40.215	BC817.40.215	BC817-40	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933628640235	BC817.40.235	BC817.40.235	BC817-40	45 V, 500 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589540215	BC846.215	BC846.215	BC846	65 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589550215	BC846A.215	BC846A.215	BC846A	65 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589550235	BC846A.235	BC846A.235	BC846A	65 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589560215	BC846B.215	BC846B.215	BC846B	65 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589560235	BC846B.235	933589560235	BC846B	65 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589570215	BC847.215	BC847.215	BC847	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589570235	BC847.235	BC847.235	BC847	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589580215	BC847A.215	BC847A.215	BC847A	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589580235	BC847A.235	BC847A.235	BC847A	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589590215	BC847B.215	BC847B.215	BC847B	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589590235	BC847B.235	BC847B.235	BC847B	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589600215	BC847C.215	BC847C.215	BC847C	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933589600235	BC847C.235	933589600235	BC847C	45 V, 100 mA NPN general-	SOT23	TO-236AB	RFS	No	Bipolar Discretes