



Product Change Notification

CN-202411017F

Issue date: 21 Jan 2025
Effective date: 04 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.



New die-layout and -size of switching transistors

Change
Category

<input type="checkbox"/> Wafer	<input type="checkbox"/> Assembly			
<input type="checkbox"/> Fab	<input type="checkbox"/> Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input checked="" type="checkbox"/> Design
<input type="checkbox"/> Process	<input type="checkbox"/> Assembly	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Process	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer	<input type="checkbox"/> Materials	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Fab	<input type="checkbox"/> Assembly			
<input type="checkbox"/> Material	<input type="checkbox"/> Location			
<input type="checkbox"/> s				
<input type="checkbox"/> Wafer				
<input type="checkbox"/> Fab				
<input type="checkbox"/> Location				

Details of this change

The following changes are affected: - Die Design (please see the SQR) - Die shrink from 280 x 280 μm^2 , 400 x 400 μm^2 and 370 x 350 μm^2 to 260 x 260 μm^2 , 371 x 371 μm^2 and 302 x 302 μm^2

PCN-FORM-CN-202411017F.xlsm:

<https://qcm.nexperia.com/Document/DOC-587943/PCN-FORM-CN-202411017F.xlsm>

SQR_CN_202411017F.pdf: https://qcm.nexperia.com/Document/DOC-587885/SQR_CN_202411017F.pdf

Delta-Qualification-Matrix_CN-202411017F.xlsm:

https://qcm.nexperia.com/Document/DOC-587883/Delta-Qualification-Matrix_CN-202411017F.xlsm

ChemicalContents_CN-202411017F.zip:

https://qcm.nexperia.com/Document/DOC-587867/ChemicalContents_CN-202411017F.zip

CN-202411017F_changeMatrix.xlsx:

https://qcm.nexperia.com/Document/DOC-587569/CN-202411017F_changeMatrix.xlsx

Why do we implement this change?

Increase of production capacity

Identification of affected products

Changed products can be identified by date code after implementation

Product availability

Production

Planned first shipment: 04 May 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 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

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.

You have received this email because you are a designated contact or subscribed to Nexperia Quality Notifications. Nexperia shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

If you would like to adjust your mailing preferences, please [click here](#).



SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
933508400215	BSR16,215	BSR16,215	BSR16	60V, 600 mA, PNP switching	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933864360215	MMBT3904,215	MMBT3904,215	MMBT3904	NPN switching transistor	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933864360235	MMBT3904VL	MMBT3904VL	MMBT3904	NPN switching transistor	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933864370215	MMBT3906,215	MMBT3906,215	MMBT3906	PNP switching transistor	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933864370235	MMBT3906VL	MMBT3906VL	MMBT3906	PNP switching transistor	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933846840215	PMBT2907,215	PMBT2907,215	PMBT2907	40V, 600 mA, PNP switching	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933821800215	PMBT2907A,215	PMBT2907A,215	PMBT2907A	60V, 600 mA, PNP switching	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933821800235	PMBT2907A,235	933821800235	PMBT2907A	60V, 600 mA, PNP switching	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934665419215	PMBT3904-Q		PMBT3904-Q	Small Signal Bipolar Transist	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934665419235	PMBT3904-QVL		PMBT3904-Q	Small Signal Bipolar Transist	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933776010215	PMBT3906,215	PMBT3906,215	PMBT3906	PNP switching transistor	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933776010235	PMBT3906,235	933776010235	PMBT3906	PNP switching transistor	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934665976215	PMBT3906-QR		PMBT3906-Q	PNP switching transistor	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934063476315	PMBT3906M,315	PMBT3906M,315	PMBT3906M	40 V, 200 mA PNP switching	SOT883	XQFN3	RFS	No	Bipolar Discretes
934065893315	PMBT3906M8,315	PMBT3906M8,315	PMBT3906M8	40 V, 200 mA PNP switching	SOT883B	XQFN3	RFS	No	Bipolar Discretes
934061453115	PMBT3946YPN,115	PMBT3946YPN,115	PMBT3946YPN	40 V, 200 mA NPN/PNP gen	SOT363	SC-88	RFS	No	Bipolar Discretes
934061453125	PMBT3946YPN,125	PMBT3946YPN,125	PMBT3946YPN	40 V, 200 mA NPN/PNP gen	SOT363	SC-88	RFS	No	Bipolar Discretes
934665671125	PMBT3946YPN-QH		PMBT3946YPN-Q	40 V, 200 mA NPN/PNP gen	SOT363	SC-88	RFS	No	Bipolar Discretes
934665671115	PMBT3946YPN-QX		PMBT3946YPN-Q	40 V, 200 mA NPN/PNP gen	SOT363	SC-88	RFS	No	Bipolar Discretes
933821340215	PMBT4403,215	PMBT4403,215	PMBT4403	40 V, 600 mA, PNP switchin	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933821340235	PMBT4403,235	PMBT4403,235	PMBT4403	40 V, 600 mA, PNP switchin	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934666351215	PMBT4403-QR	PMBT4403-QR	PMBT4403-Q	PMBT4403-Q	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934666351235	PMBT4403-QVL		PMBT4403-Q	PMBT4403-Q	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934666351185	PMBT4403-QZ		PMBT4403-Q	PMBT4403-Q	SOT23	TO-236AB	RFS	No	Bipolar Discretes
933821340185	PMBT4403Z	933821340185	PMBT4403	40 V, 600 mA, PNP switchin	SOT23	TO-236AB	RFS	No	Bipolar Discretes
934664977165	PMP3906AYS-QZ	PMP3906AYS-QZ	PMP3906AYS-Q	Transistor	SOT363	SC-88	RFS	No	Bipolar Discretes
934664976125	PMP3906AYSH	PMP3906AYSH	PMP3906AYS	Transistor	SOT363	SC-88	RFS	No	Bipolar Discretes
934026930115	PMST3906,115	PMST3906,115	PMST3906	40 V, 200 mA PNP switching	SOT323	SC-70	RFS	No	Bipolar Discretes
934026930135	PMST3906,135		PMST3906	40 V, 200 mA PNP switching	SOT323	SC-70	RFS	No	Bipolar Discretes