



Product Change Notification

CN-202603029F

Issue date: 17 Apr 2026

Effective date: 30 Jul 2026

Dear [pcn@ttiinc.com](mailto:pcn@ttiinc.com),

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 8 inch wafer diameter and various other changes for high voltage transistors

**Change Category**

Wafer

Fab  Assembly

Process  Process  Product Marking

Test Location  Design

Wafer   Mechanical

Fab  Assembly Specification

Test Process  Errata

Materials  Materials

Test Equipment  Electrical spec./Test coverage

Wafer  Assembly Packing/Shipping/Labeling

Fab  Location

Location

## Details of this change

The following changes are affected: - Release of 8 inch wafer and change of Lithography - introduction of additional Epoxy Mold Compounds - change of back side metallization

PCN-FORM-Rev\_CN-202603029F.xlsm:

[https://qcm.nexperia.com/Document/DOC-610278/PCN-FORM-Rev\\_CN-202603029F.xlsm](https://qcm.nexperia.com/Document/DOC-610278/PCN-FORM-Rev_CN-202603029F.xlsm)

Chem\_Content\_CN-202603029F\_20260414.zip:

[https://qcm.nexperia.com/Document/DOC-610110/Chem\\_Content\\_CN-202603029F\\_20260414.zip](https://qcm.nexperia.com/Document/DOC-610110/Chem_Content_CN-202603029F_20260414.zip)

CN-202603029F\_changeMatrix.xlsx:

[https://qcm.nexperia.com/Document/DOC-610109/CN-202603029F\\_changeMatrix.xlsx](https://qcm.nexperia.com/Document/DOC-610109/CN-202603029F_changeMatrix.xlsx)

PCN-Delta-Qualification-Matrix-CN-202603029F.xlsm:

<https://qcm.nexperia.com/Document/DOC-609665/PCN-Delta-Qualification-Matrix-CN-202603029F.xlsm>

SQR\_CN-202603029F.pdf: [https://qcm.nexperia.com/Document/DOC-609616/SQR\\_CN-202603029F.pdf](https://qcm.nexperia.com/Document/DOC-609616/SQR_CN-202603029F.pdf)

### Why do we implement this change?

To increase flexibility, volume ramp-up and reduced supply chain risk. Align to 8 inch wafer diameter process and to increase process robustness.

### Identification of affected products

Dies from 8 inch wafers can be identified by a special marker on the die surface and by date code after implementation.

## Management summary

SEM-PW-02 New wafer diameter  
SEM-PW-14 Lithography  
SEM-PW-06 Back side metal  
SEM-PA-11 mold compound

### Product availability

#### Production

Planned first shipment: 30 Jul 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 17 May 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 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.

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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber
933665120215	BF820,215	
933665120235	BF820,235	
934663768215	BF820-QR	
934663768235	BF820-QVL	BF820-QVL
934033470115	BF820W,115	
934033470135	BF820W,135	
934666521135	BF820W-QF	
934666521115	BF820W-QX	
933665130215	BF821,215	
933665130235	BF821,235	
934664918215	BF821-QR	
934664918235	BF821-QVL	
933640890215	BF822,215	
934663770215	BF822-QR	BF822-QR
933640900215	BF823,215	
934666522215	BF823-QR	
933737140215	BSR19A,215	
934663772215	BSR19A-QR	
933818950215	MMBTA42,215	MMBTA42,215
934664944215	MMBTA42-QR	
934055964215	MMBTA92,215	MMBTA92,215
934666525215	MMBTA92-QR	
933845720215	PMBT5550,215	
933845720235	PMBT5550,235	
934666536215	PMBT5550-QR	
934666536235	PMBT5550-QVL	
933821840215	PMBT5551,215	
933821840235	PMBT5551,235	PMBT5551,235
934664933215	PMBT5551-QR	
934664933235	PMBT5551-QVL	
933776090185	PMBTA42,185	
933776090215	PMBTA42,215	
933776090235	PMBTA42,235	
934666537215	PMBTA42-QR	
934666537235	PMBTA42-QVL	
934666537185	PMBTA42-QZ	
934663826215	PMBTA92-QR	
934663826235	PMBTA92-QVL	PMBTA92-QVL
934030860115	PMST5550,115	
934030860135	PMST5550,135	
934664932135	PMST5550-QF	
934664932115	PMST5550-QX	
934051560115	PMST5551,115	
934664934115	PMST5551-QX	
934042280115	PMSTA42,115	
934666540115	PMSTA42-QX	
934042290115	PMSTA92,115	

934666541115

PMSTA92-QX

ProductType_name	BasicType_description	PackageOutlineVersion_description
BF820	NPN high voltage transistor	SOT23
BF820	NPN high voltage transistor	SOT23
BF820-Q	NPN high voltage transistor	SOT23
BF820-Q	NPN high voltage transistor	SOT23
BF820W	NPN high-voltage transistor	SOT323
BF820W	NPN high-voltage transistor	SOT323
BF820W-Q	NPN high-voltage transistor	SOT323
BF820W-Q	NPN high-voltage transistor	SOT323
BF821	PNP high voltage transistor	SOT23
BF821	PNP high voltage transistor	SOT23
BF821-Q	PNP high voltage transistor	SOT23
BF821-Q	PNP high voltage transistor	SOT23
BF822	NPN high voltage transistor	SOT23
BF822-Q	NPN high voltage transistor	SOT23
BF823	PNP high voltage transistor	SOT23
BF823-Q	PNP high voltage transistor	SOT23
BSR19A	NPN high voltage transistor	SOT23
BSR19A-Q	NPN high voltage transistor	SOT23
MMBTA42	NPN high-voltage transistor	SOT23
MMBTA42-Q	NPN high-voltage transistor	SOT23
MMBTA92	PNP high-voltage transistor	SOT23
MMBTA92-Q	PNP high-voltage transistor	SOT23
PMBT5550	NPN high-voltage transistor	SOT23
PMBT5550	NPN high-voltage transistor	SOT23
PMBT5550-Q	NPN high-voltage transistor	SOT23
PMBT5550-Q	NPN high-voltage transistor	SOT23
PMBT5551	NPN high-voltage transistor	SOT23
PMBT5551	NPN high-voltage transistor	SOT23
PMBT5551-Q	NPN high-voltage transistor	SOT23
PMBT5551-Q	NPN high-voltage transistor	SOT23
PMBTA42	300 V, 100 mA NPN high-vo	SOT23
PMBTA42	300 V, 100 mA NPN high-vo	SOT23
PMBTA42	300 V, 100 mA NPN high-vo	SOT23
PMBTA42-Q	High-voltage transistor	SOT23
PMBTA42-Q	High-voltage transistor	SOT23
PMBTA42-Q	High-voltage transistor	SOT23
PMBTA92-Q	PNP high-voltage transistor	SOT23
PMBTA92-Q	PNP high-voltage transistor	SOT23
PMST5550	NPN high-voltage transistor	SOT323
PMST5550	NPN high-voltage transistor	SOT323
PMST5550-Q	NPN high-voltage transistor	SOT323
PMST5550-Q	NPN high-voltage transistor	SOT323
PMST5551	NPN high-voltage transistor	SOT323
PMST5551-Q	NPN high-voltage transistor	SOT323
PMSTA42	NPN high-voltage transistor	SOT323
PMSTA42-Q	NPN high-voltage transistor	SOT323
PMSTA92	PNP high-voltage transistor	SOT323

PMSTA92-Q

PNP high-voltage transistor SOT323



SC-70

RFS

No



Bipolar Discretes