



**Product Change Notification** **CN-202512002F**

**Issue date:** 30 Apr 2026

**Effective date:** 12 Aug 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 Cu wire for SOT457**

**Change Category**

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

[ ] Wafer  
Fab  
Location

### Details of this change

Following changes are announced with this PCN: - Introduction of New Die Sizes - Release of 8 Inch Wafer Diameter - Change of Backside Metallization - Release of Cu Wire - Introduction of Additional Epoxy Mold Compounds - Change of top side metallization - Change of Die Layout.

PCN-FORM-CN-202512002F.xlsm:

<https://qcm.nexperia.com/Document/DOC-610779/PCN-FORM-CN-202512002F.xlsm>

ChemContents\_CN-202512002F\_20260428.zip:

[https://qcm.nexperia.com/Document/DOC-610671/ChemContents\\_CN-202512002F\\_20260428.zip](https://qcm.nexperia.com/Document/DOC-610671/ChemContents_CN-202512002F_20260428.zip)

SQR\_CN-202512002F.pdf: [https://qcm.nexperia.com/Document/DOC-610599/SQR\\_CN-202512002F.pdf](https://qcm.nexperia.com/Document/DOC-610599/SQR_CN-202512002F.pdf)

ChangeMatrix\_CN-202512002F.xlsx:

[https://qcm.nexperia.com/Document/DOC-610597/ChangeMatrix\\_CN-202512002F.xlsx](https://qcm.nexperia.com/Document/DOC-610597/ChangeMatrix_CN-202512002F.xlsx)

PCN-Delta-Qualification-Matrix-CN-202512002F.xlsm:

<https://qcm.nexperia.com/Document/DOC-610600/PCN-Delta-Qualification-Matrix-CN-202512002F.xlsm>

#### **Why do we implement this change?**

Increase of production capacity.

#### **Identification of affected products**

Changed parts can be identified by the date code after implementation

## Management summary

- #1 SEM-DE-01 Die Design
- #2 SEM-DE-03 Die shrink
- #3 SEM-PW-02 New wafer diameter
- #4 SEM-PW-06 Change of backside operation
- #5 SEM-PW-07 Change of Top Metallization
- #6 SEM-PW-14 Lithography
- #7 SEM-PA-08 Change of wire bonding
- #8 SEM-PA-11 Change of mold compound / encapsulation material

## Product availability

### Production

Planned first shipment: 12 Aug 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 30 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.

### 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
934070951135	BCM53DSF	
934070951115	BCM53DSX	
934669337135	BCM56DS-QF	
934669337115	BCM56DS-QX	
934070952135	BCM56DSF	
934070952115	BCM56DSX	
934061568115	PBLS6021D,115	
934669962115	PBLS6021D-QX	
934061571115	PBLS6023D,115	
934669964115	PBLS6023D-QX	
934061572115	PBLS6024D,115	
934664926115	PBLS6024D-QX	
934058119115	PBSS4160DPN,115	PBSS4160DPN,115
934669957115	PBSS4160DPN-QX	
934058115115	PBSS4160DS,115	
934664887125	PBSS4160DS-QH	
934664887115	PBSS4160DS-QX	
934058115125	PBSS4160DSH	
934058115165	PBSS4160DSZ	
934057314115	PBSS4240DPN,115	
934058121115	PBSS5160DS,115	PBSS5160DS,115
934664892115	PBSS5160DS-QX	
934057979115	PBSS8110D,115	
934669956115	PBSS8110D-QX	
934059685115	PMD3001D,115	PMD3001D,115

ProductType_name	BasicType_description	PackageOutlineVersion_description
BCM53DS	80 V, 1 A PNP/PNP matche	SOT457
BCM53DS	80 V, 1 A PNP/PNP matche	SOT457
BCM56DS-Q	BJT Matched Pair	SOT457
BCM56DS-Q	BJT Matched Pair	SOT457
BCM56DS	80 V, 1 A NPN/NPN matche	SOT457
BCM56DS	80 V, 1 A NPN/NPN matche	SOT457
PBLS6021D	60 V, 1.5 A PNP BISS loads\	SOT457
PBLS6021D-Q	60 V, 1.5 A PNP BISS loads\	SOT457
PBLS6023D	60 V, 1.5 A PNP BISS loads\	SOT457
PBLS6023D-Q	60 V, 1.5 A PNP BISS loads\	SOT457
PBLS6024D	60 V, 1.5 A PNP BISS loads\	SOT457
PBLS6024D-Q	60 V, 1.5 A PNP BISS loads\	SOT457
PBSS4160DPN	60 V, 1 A NPN/PNP low VC	SOT457
PBSS4160DPN-Q	60 V, 1 A NPN/PNP low VC	SOT457
PBSS4160DS	60 V, 1 A NPN/NPN low VC	SOT457
PBSS4160DS-Q	60 V, 1 A NPN/NPN low VC	SOT457
PBSS4160DS-Q	60 V, 1 A NPN/NPN low VC	SOT457
PBSS4160DS	60 V, 1 A NPN/NPN low VC	SOT457
PBSS4160DS	60 V, 1 A NPN/NPN low VC	SOT457
PBSS4240DPN	40 V low VCEsat NPN/PNP	SOT457
PBSS5160DS	60 V, 1 A PNP/PNP low VCI	SOT457
PBSS5160DS-Q	60 V, 1 A PNP/PNP low VCI	SOT457
PBSS8110D	100 V, 1 A NPN low VCEsat	SOT457
PBSS8110D-Q	100 V, 1 A NPN low VCEsat	SOT457
PMD3001D	MOSFET driver	SOT457



SalesItem\_availability    SalesItem\_source    SalesItem\_lastTimeBuyDate



Replacement\_SalesItem\_orderablePartNumber

Replacement\_SalesItem\_name

Replacement\_ProductType\_name

Replacement\_BasicType\_description

