



**Product Change Notification** **CN-202512001F**

**Issue date:** 27 Feb 2026

**Effective date:** 11 Jun 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 23  $\mu$ m & 50  $\mu$ m Cu wire for SOT457**

**Change Category**

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

[ ] 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
- Datasheet Changes (only for two specific types)

You can find details of the change in the self qualification report.

Chem\_Content\_CN-202512001F\_20260226.zip:

[https://qcm.nexperia.com/Document/DOC-608471/Chem\\_Content\\_CN-202512001F\\_20260226.zip](https://qcm.nexperia.com/Document/DOC-608471/Chem_Content_CN-202512001F_20260226.zip)

SQR\_CN-202512001F.pdf: [https://qcm.nexperia.com/Document/DOC-608467/SQR\\_CN-202512001F.pdf](https://qcm.nexperia.com/Document/DOC-608467/SQR_CN-202512001F.pdf)

ChangeMatrix\_CN-202512001F.xlsx:

[https://qcm.nexperia.com/Document/DOC-608234/ChangeMatrix\\_CN-202512001F.xlsx](https://qcm.nexperia.com/Document/DOC-608234/ChangeMatrix_CN-202512001F.xlsx)

PCN-FORM-CN-202512001F.xlsm:

<https://qcm.nexperia.com/Document/DOC-608235/PCN-FORM-CN-202512001F.xlsm>

PCN-Delta-Qualification-Matrix-CN-202512001F.xlsm:

<https://qcm.nexperia.com/Document/DOC-608233/PCN-Delta-Qualification-Matrix-CN-202512001F.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**

SEM-DS-01 Change of data sheet parameters/electrical specification  
(min./max./typ. values) and/or AC/DC specification

SEM-DE-01 Design changes in active elements.

SEM-DE-03 Die shrink

SEM-PW-02 New wafer diameter

SEM-PW-06 New / change of backside operation (grinding / metallization)

SEM-PW-07 New / change of metallization / vias / contacts

SEM-PW-14 Lithography

SEM-PA-08 Change of wire bonding

SEM-PA-11 Change of mold compound

### **Product availability**

#### **Production**

Planned first shipment: 11 Jun 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**

A new datasheet will be issued

### **Feedback**

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 29 Mar 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.

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
934054921115	1PS74SB23,115	
934054921125	1PS74SB23,125	
934054921165	1PS74SB23,165	
934669249125	1PS74SB23-QH	
934669249115	1PS74SB23-QX	
934669249165	1PS74SB23-QZ	
934667678135	BAS21AVD-QF	
934667678165	BAS21AVD-QZ	
934667676135	BAS21VD-QF	
934667676165	BAS21VD-QZ	
934057318115	BC807DS,115	
934668881115	BC807DS-QX	
934057318135	BC807DSF	
934057320115	BC817DPN,115	
934057320125	BC817DPN,125	BC817DPN,125
934668916115	BC817DPN-QX	
934057320135	BC817DPNF	BC817DPNF
934057319115	BC817DS,115	
934665917115	BC817DS-QX	
934057319135	BC817DSF	
934063468115	BC846DS,115	BC846DS,115
934669875115	BC846DS-QX	
934063469115	BC847DS,115	BC847DS,115
934059058115	BCM847DS,115	
934059058135	BCM847DS,135	BCM847DS,135
934669869115	BCM847DS-QX	
934062057115	BCM856DS,115	BCM856DS,115
934668902115	BCM856DS-QX	
934059033115	BCM857DS,115	
934059033135	BCM857DS,135	
934669868115	BCM857DS-QX	
934055171115	BZA408B,115	BZA408B,115
934055171125	BZA408B,125	
934045750115	BZA420A,115	
934045750125	BZA420A,125	
934045750135	BZA420A,135	
934045750165	BZA420A,165	
934045760115	BZA456A,115	BZA456A,115
934045760125	BZA456A,125	
934045760135	BZA456A,135	
934045760165	BZA456A,165	
934054822115	BZA462A,115	BZA462A,115
934054822125	BZA462A,125	
934070344135	NMB2227AF	
934070344125	NMB2227AH	
934070344115	NMB2227AX	
934070344165	NMB2227AZ	

934059269115	PBLS2001D,115	
934059271115	PBLS2002D,115	
934059272115	PBLS2003D,115	
934058641115	PBLS4003D,115	
934669958115	PBLS4003D-QX	
934058643115	PBLS4005D,115	
934669959115	PBLS4005D-QX	
934059264115	PBLS6001D,115	
934669960115	PBLS6001D-QX	
934059265115	PBLS6002D,115	
934664923115	PBLS6002D-QX	
934059266115	PBLS6003D,115	
934664560115	PBLS6003D-QX	
934059337115	PBLS6005D,115	
934669961115	PBLS6005D-QX	
934056660115	PBSS4140DPN,115	
934664707135	PBSS4140DPN-QF	
934664707115	PBSS4140DPN-QX	
934056660135	PBSS4140DPNF	
934055947115	PBSS4350D,115	PBSS4350D,115
934055947125	PBSS4350D,125	PBSS4350D,125
934055947135	PBSS4350D,135	
934663811135	PBSS4350D-QF	
934663811115	PBSS4350D-QX	
934056921115	PBSS5320D,115	
934056921125	PBSS5320D,125	
934669933125	PBSS5320D-QH	
934669933115	PBSS5320D-QX	
934055946115	PBSS5350D,115	
934055946125	PBSS5350D,125	
934055946135	PBSS5350D,135	
934664537115	PBSS5350D-QX	
934070747135	PESD2ETH-ADF	
934070747115	PESD2ETH-ADX	
934070746135	PESD2ETH-DF	
934070746115	PESD2ETH-DX	
934665514115	PESD2ETHAD-QX	
934665515115	PESD2ETHD-QX	
934063433115	PIMC31,115	PIMC31,115
934664231135	PIMC31-QF	
934664231115	PIMC31-QX	
934063433135	PIMC31F	
934664167115	PIMC32-QX	
934664166115	PIMC32X	
934057905115	PIMD2,115	
934057905125	PIMD2,125	
934058728115	PIMD3,115	
934669421135	PIMD3-QF	

934669421115	PIMD3-QX	
934058728135	PIMD3F	
934056728115	PIMH9,115	
934669365115	PIMH9-QX	
934061307115	PIMN31,115	PIMN31,115
934669449135	PIMN31-QF	
934669449115	PIMN31-QX	
934061307135	PIMN31F	
934664165115	PIMN32-QX	
934664164115	PIMN32X	
934664163115	PIMP31-QX	
934664162115	PIMP31X	
934664169115	PIMP32-QX	
934664168115	PIMP32X	
934056662115	PIMT1,115	
934669281115	PIMT1-QX	
934057906115	PIMZ2,115	
934057906125	PIMZ2,125	
934669289115	PIMZ2-QX	
934059919125	PMBTA42DS,125	
934666538125	PMBTA42DS-QH	
934059684115	PMD2001D,115	

ProductType\_name

1PS74SB23

1PS74SB23

1PS74SB23

1PS74SB23-Q

1PS74SB23-Q

1PS74SB23-Q

BAS21AVD-Q

BAS21AVD-Q

BAS21VD-Q

BAS21VD-Q

BC807DS

BC807DS-Q

BC807DS

BC817DPN

BC817DPN

BC817DPN-Q

BC817DPN

BC817DS

BC817DS-Q

BC817DS

BC846DS

BC846DS-Q

BC847DS

BCM847DS

BCM847DS

BCM847DS-Q

BCM856DS

BCM856DS-Q

BCM857DS

BCM857DS

BCM857DS-Q

BZA408B

BZA408B

BZA420A

BZA420A

BZA420A

BZA420A

BZA456A

BZA456A

BZA456A

BZA456A

BZA462A

BZA462A

NMB2227A

NMB2227A

NMB2227A

NMB2227A

PBLS2001D  
PBLS2002D  
PBLS2003D  
PBLS4003D  
PBLS4003D-Q  
PBLS4005D  
PBLS4005D-Q  
PBLS6001D  
PBLS6001D-Q  
PBLS6002D  
PBLS6002D-Q  
PBLS6003D  
PBLS6003D-Q  
PBLS6005D  
PBLS6005D-Q  
PBSS4140DPN  
PBSS4140DPN-Q  
PBSS4140DPN-Q  
PBSS4140DPN  
PBSS4350D  
PBSS4350D  
PBSS4350D  
PBSS4350D-Q  
PBSS4350D-Q  
PBSS5320D  
PBSS5320D  
PBSS5320D-Q  
PBSS5320D-Q  
PBSS5350D  
PBSS5350D  
PBSS5350D  
PBSS5350D-Q  
PESD2ETH-AD  
PESD2ETH-AD  
PESD2ETH-D  
PESD2ETH-D  
PESD2ETHAD-Q  
PESD2ETHD-Q  
PIMC31  
PIMC31-Q  
PIMC31-Q  
PIMC31  
PIMC32-Q  
PIMC32  
PIMD2  
PIMD2  
PIMD3  
PIMD3-Q

PIMD3-Q  
PIMD3  
PIMH9  
PIMH9-Q  
PIMN31  
PIMN31-Q  
PIMN31-Q  
PIMN31  
PIMN32-Q  
PIMN32  
PIMP31-Q  
PIMP31  
PIMP32-Q  
PIMP32  
PIMT1  
PIMT1-Q  
PIMZ2  
PIMZ2  
PIMZ2-Q  
PMBTA42DS  
PMBTA42DS-Q  
PMD2001D

BasicType\_description  
Schottky barrier diode  
Schottky barrier diode  
Schottky barrier diode  
Schottky barrier diode  
Schottky barrier diode  
Schottky barrier diode  
High-voltage switching diodes  
High-voltage switching diodes  
High-voltage switching diodes  
High-voltage switching diodes  
PNP/PNP general purpose double transistors  
BJT General Purpose  
PNP/PNP general purpose double transistors  
NPN/PNP general purpose transistor  
NPN/PNP general purpose transistor  
BJT General Purpose  
NPN/PNP general purpose transistor  
NPN/NPN general purpose double transistors  
NPN/NPN general purpose double transistors  
NPN/NPN general purpose double transistors  
65 V, 100 mA NPN/NPN general-purpose transistor  
BJT General Purpose  
45 V, 100 mA NPN/NPN general-purpose transistor  
NPN/NPN matched double transistors  
NPN/NPN matched double transistors  
BJT Matched Pair  
PNP/PNP matched double transistors  
BJT Matched Pair  
PNP/PNP matched double transistors  
PNP/PNP matched double transistors  
BJT Matched Pair  
Quadruple bidirectional ESD transient voltage suppressor  
Quadruple bidirectional ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
Quadruple ESD transient voltage suppressor  
40 V, 600 mA NPN/PNP general-purpose transistors  
40 V, 600 mA NPN/PNP general-purpose transistors  
40 V, 600 mA NPN/PNP general-purpose transistors  
40 V, 600 mA NPN/PNP general-purpose transistors

20 V PNP BISS loadswitch  
20 V PNP BISS loadswitch  
20 V PNP BISS loadswitch  
40 V PNP BISS loadswitch  
40 V PNP BISS loadswitch  
40 V PNP BISS loadswitch  
40 V PNP BISS loadswitch  
60 V PNP BISS loadswitch  
60 V PNP BISS loadswitch  
60 V PNP BISS loadswitch  
60 V PNP BISS loadswitch  
60 V PNP BISS loadswitch  
60 V PNP BISS loadswitch  
60 V PNP BISS loadswitch  
40 V low VCEsat NPN/PNP transistor  
40 V low VCEsat NPN/PNP transistor  
40 V low VCEsat NPN/PNP transistor  
40 V low VCEsat NPN/PNP transistor  
50 V low VCEsat NPN transistor  
50 V low VCEsat NPN transistor  
50 V low VCEsat NPN transistor  
50 V low VCEsat NPN transistor  
50 V low VCEsat NPN transistor  
20 V low VCEsat PNP transistor  
20 V low VCEsat PNP transistor  
20 V low VCEsat PNP transistor  
20 V low VCEsat PNP transistor  
50 V, 3 A PNP low VCEsat (BISS) transistor  
50 V, 3 A PNP low VCEsat (BISS) transistor  
50 V, 3 A PNP low VCEsat (BISS) transistor  
50 V, 3 A PNP low VCEsat (BISS) transistor  
Ultra low capacitance double rail-to-rail ESD protection diode  
Ultra low capacitance double rail-to-rail ESD protection diode  
Ultra low capacitance double rail-to-rail ESD protection diode  
Ultra low capacitance double rail-to-rail ESD protection diode  
Ultra low capacitance double rail-to-rail ESD protection diode  
500 mA, 50 V NPN/PNP double resistor-equipped transistor; R1 = 1 kOhm, R2 = 10 kOhm  
500 mA, 50 V NPN/PNP double resistor-equipped transistor; R1 = 1 kOhm, R2 = 10 kOhm  
500 mA, 50 V NPN/PNP double resistor-equipped transistor; R1 = 1 kOhm, R2 = 10 kOhm  
500 mA, 50 V NPN/PNP double resistor-equipped transistor; R1 = 1 kOhm, R2 = 10 kOhm  
RET  
RET  
NPN/PNP resistor-equipped transistors; R1 = 22 kOhm, R2 = 22 kOhm  
NPN/PNP resistor-equipped transistors; R1 = 22 kOhm, R2 = 22 kOhm  
NPN/PNP resistor-equipped transistors; R1 = 10 kOhm, R2 = 10 kOhm  
RET General Purpose

RET General Purpose

NPN/PNP resistor-equipped transistors; R1 = 10 kOhm, R2 = 10 kOhm

NPN/NPN resistor-equipped transistors; R1 = 10 kOhm, R2 = 47 kOhm

RET General Purpose

500 mA, 50 V NPN/NPN double resistor-equipped transistor; R1 = 1 kOhm, R2 = 10 kOhm

RET General Purpose

RET General Purpose

500 mA, 50 V NPN/NPN double resistor-equipped transistor; R1 = 1 kOhm, R2 = 10 kOhm

RET

RET

RET

RET

RET

RET

PNP general purpose double transistor

BJT General Purpose

NPN/PNP general-purpose double transistors

NPN/PNP general-purpose double transistors

BJT General Purpose

NPN/NPN high-voltage double transistors

NPN/NPN high-voltage double transistors

MOSFET driver





