



Product Change Notification **CN-202203043F**

Issue date: 31 Mar 2022
Effective date: 13 Jul 2022

Dear

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.



Dual Sourcing mid-end location for back grinding and metallization of wafers

Change Category

- Wafer
- Fab
- Process
- Wafer
- Fab
- Material
- Wafer
- Fab
- Location
- Assembl
- y
- Process
- Assembl
- 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

For the affected products, Nexperia is introducing dual sourcing regarding the mid-end process consisting of back grinding and back metallization (BGBM). Previously, BGBM for these products was exclusively performed at Mosel Vitelec Inc.. Nexperia's internal fab DMAN has now been qualified as an additional mid-end location for the listed products. There will be no change in the final crystal thickness nor in the back metallization composition. All front-end processes will be exclusively performed at Mosel. Assembly and testing remains unchanged.

CN-202203043FAffectedTypeList.pdf:
<https://qcm.nexperia.com/Document/DOC-537378/CN-202203043FAffectedTypeList.pdf>

CN-202203043FSelfQualificationReport.pdf:
<https://qcm.nexperia.com/Document/DOC-537335/CN-202203043FSelfQualificationReport.pdf>

Why do we implement this change?

From implementation date Nexperia will have increased supply security provided by multiple mid-end locations.

Identification of affected products

Product Identification does not change

Changed products can be identified by date code after implementation.

Product availability

Production

Planned first shipment: 11 Jul 2022

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

NA

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 30 Apr 2022. Lack of acknowledgement of the PCN constitutes acceptance of the change.

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.

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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
934662589115	PMPB09RSVPX	PMPB09RSVPX	PMPB09RSVP	small signal MOSFET	SOT1220-2	DFN2020M-6	RFS	No	MOS Discretes
934662027115	PMPB11R2VPX	PMPB11R2VPX	PMPB11R2VP	PMPB11R2VP	SOT1220-2	DFN2020M-6	RFS	No	MOS Discretes
934662612115	PMPB12R7EPX	PMPB12R7EPX	PMPB12R7EP	small signal MOSFET	SOT1220-2	DFN2020M-6	RFS	No	MOS Discretes
934661155115	PMPB13UPX	PMPB13UPX	PMPB13UP	PMPB13UP	SOT1220	SOT1220	RFS	No	MOS Discretes
934662031115	PMPB14R7EPX	PMPB14R7EPX	PMPB14R7EP	PMPB14R7EP	SOT1220-2	DFN2020M-6	RFS	No	MOS Discretes
934661166115	PMPB16EPX	PMPB16EPX	PMPB16EP	PMPB16EP	SOT1220	SOT1220	RFS	No	MOS Discretes
934662542118	PXP013-30QLJ	PXP013-30QLJ	PXP013-30QL	small signal MOSFET	SOT8002-1	MLPAK33	RFS	No	MOS Discretes
934662544118	PXP6R7-30QLJ	PXP6R7-30QLJ	PXP6R7-30QL	small signal MOSFET	SOT8002-1	MLPAK33	RFS	No	MOS Discretes
934662547118	PXP9R1-30QLJ	PXP9R1-30QLJ	PXP9R1-30QL	small signal MOSFET	SOT8002-1	MLPAK33	RFS	No	MOS Discretes