



Product Change Notification **CN-202210007F**

Issue date: 07 Oct 2022
Effective date: 19 Jan 2023
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 of Diffusion for Trench 9 MOSFET Products

Change Category

- Wafer
- Fab
- Process
- Wafer
- Fab
- Material
- Wafer
- Fab
- Location
- Assembl
- Process
- Assembl
- Materials
- Assembl
- Location
- Product Marking
- Mechanical
- Specification
- Packing/Shipping/Labelin
- g
- Test
- Location
- Test
- Process
- Test
- Equipmen
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- Design
- Errata
- Electrical
- spec./Tes
- t
- coverage

Details of this change

To improve supply security Nexperia have qualified an additional wafer processing and wafer test location for Trench 9 LFPAK types at Newport Wafer Fab. Upon release Nexperia will have dual source diffusion with production at Vanguard, Taiwan and Nexperia, Newport. Assembly and final test is unchanged.

CN-202210007FT9DualSourceDiffusion.pdf:
<https://qcm.nexperia.com/Document/DOC-544812/CN-202210007FT9DualSourceDiffusion.pdf>

Why do we implement this change?

To meet customer expectations for second sourcing as a business contingency. From implementation date Nexperia will have increased supply security provided by multiple manufacturing locations

Identification of affected products

Top Side Marking

Diffusion location identified on the 3rd line of marking

Product availability

Production

Planned first shipment: 06 Jan 2023

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

N/A

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 06 Nov 2022. 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.

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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
934660688118	PSMN1R0-40SSHJ	PSMN1R0-40SSHJ	PSMN1R0-40SSH	PSMN1R0-40SSH	SOT1235	LFPK88	RFS	No	MOS Discretes
934660722115	PSMN1R0-40YSHX	PSMN1R0-40YSHX	PSMN1R0-40YSH	PSMN1R0-40YSH	SOT1023	4 LEADS	RFS	No	MOS Discretes