



Customer Information Notification

CN-202302025I

Issue date: 21 Feb 2023

Effective date: 23 Mar 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.



Update Max Limit of IAS and EDS(AL)S in datasheet for PSMN057-200B & PSMN057-200P

Notification information

Nexperia is updating the max limit of IAS from 35A to 23A and EDS(AL)S from 300mJ to 925mJ in datasheet of PSMN057-200B & PSMN057-200P.

Why do we issue this notification?

Nexperia has to use an alternative source of Epi for the affected products, because of a discontinuation notice from the current Epi supplier. An update to the datasheet is necessary in line with the latest product avalanche performance from the alternative Epi.

Change Category

Wafer

Assembl

Product Marking

Test Location

Design

Fab	y	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Test	<input type="checkbox"/> Errata
Process	Process	Specification	Process	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Test	Electrical
Wafer	Assembl	Packing/Shipping/Labelin	Equipmen	spec./Tes
Fab	y	g	t	t
Material	Materials			coverage
s	<input type="checkbox"/>			
<input type="checkbox"/>	Assembl			
Wafer	y			
Fab	Location			
Location				

Identification of affected products

Product Identification does not change

Impact

Impact to the product's functionality is anticipated

The product will function to the modified datasheet rating, and the EDS(AL)S vs Tp capability of the product is only affected by the limiting of the IAS to 23A.

The new avalanche rating on the products will be protected by 100% final test.

Data sheet revision

A new datasheet will be issued

Disposition of old products

NA

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
934056599118	PSMN057-2008,118	PSMN057-2008,118	PSMN057-200B	PSMN057-200B	SOT404	D2PAK	RFS	No	MOS Discretes
934056421127	PSMN057-200P,127		PSMN057-200P	N-channel TrenchMOS Silii	SOT78	SILP	RFS	No	MOS Discretes