



Product Change Notification

CN-202609012F

Issue date: 21 Sep 2026

Effective date: 03 Jan 2027

Dear pcn@ttiinc.com,

Here's your personalized quality information concerning products our customers and partners purchased from Nexperia B.V.

For more details please contact your respective Nexperia B.V. CSR/AM.



Release of SOT363 Package on STS (Strip-to-Strip) Backend Assembly Platform for non-auto ssMOS

Change
Category

☐ Wafer Fab Process	☒ Assembly Process	☐ Product Marking	☐ Test Location	☐ Design
☐ Wafer Fab Materials	☒ Assembly Materials	☐ Mechanical Specification	☐ Test Process	☐ Errata
		☐ Packing/Shipping/Labeling	☐ Test Equipment	☐ Electrical spec./Test coverage

[] Wafer [] Assembly
Fab Location
Location

Details of this change

The SOT363 package is released on STS (strip-to-strip) backend assembly platform in combination with the following changes:

- Manufacturing based on strip-to-strip concept utilizing same basic technologies
- Release of mold compound EME-G700KC and leadframe base material C19400 (Cu)
- Lead width with relaxed dimension of lower specification limit (but with no change to solder footprint)
- Package version designated as SOT363-3 to reflect updated lead width specification in package outline

CN-202609012F_Self-Qualification-Report_nonauto.pdf:

https://qcm.nexperia.com/Document/DOC-616604/CN-202609012F_Self-Qualification-Report_nonauto.pdf

Why do we implement this change?

To enhance manufacturing flexibility, increase throughput, and support future production growth as part of Nexperia's long-term capacity strategy to enable future supply scaling.

Identification of affected products

Product Identification does not change

Changed products can be identified by date code after implementation.

Management summary

Release of SOT363 Package on STS (Strip-to-Strip) Backend Assembly Platform for non-auto ssMOS

SEM-AN-01 - Any change with impact on agreed upon technical contractual agreements (adaptation of datasheet)

SEM-PA-11 - Mold Compound

SEM-PA-02 - Leadframe base material

SEM-PA-03 - Leadframe dimensions

SEM-EQ-02 - Production equipment

Product availability

Production

Planned first shipment: 03 Jan 2027

Existing inventory will be shipped until depleted

Sample information

Please see remarks for sample availability

Impact

No impact to the product's functionality anticipated

Data sheet revision

A new datasheet will be issued

Disposition of old products

Dual Sourcing

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 21 Oct 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 B.V. 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 B.V. 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
934070155135	NX138AKSF	
934070155135	NX138AKSF	
934070155115	NX138AKSX	
934070155115	NX138AKSX	
934070156135	NX138BKSF	
934070156135	NX138BKSF	
934070156115	NX138BKSX	
934070156115	NX138BKSX	
934066973115	NX3020NAKS,115	
934066973115	NX3020NAKS,115	
934667775115	NX5020UNBK SX	
934667775115	NX5020UNBK SX	
934662515115	NX6008NBK SX	
934662515115	NX6008NBK SX	
934660274125	NX6020CAK SAX	
934660274125	NX6020CAK SAX	
934660274115	NX6020CAK SX	NX6020CAK SX
934660274115	NX6020CAK SX	NX6020CAK SX
934066295115	NX7002AKS,115	NX7002AKS,115
934066295115	NX7002AKS,115	NX7002AKS,115
934068619115	NX7002BK SX	NX7002BK SX
934068619115	NX7002BK SX	NX7002BK SX
934057726115	PMGD280UN,115	
934057726115	PMGD280UN,115	
934057731115	PMGD290XN,115	PMGD290XN,115
934057731115	PMGD290XN,115	PMGD290XN,115
934057709115	PMGD780SN,115	PMGD780SN,115
934057709115	PMGD780SN,115	PMGD780SN,115

ProductType_name	BasicType_description	PackageOutlineVersion_description
NX138AKS	NX138AKS	SOT363-3
NX138AKS	NX138AKS	SOT363
NX138AKS	NX138AKS	SOT363-3
NX138AKS	NX138AKS	SOT363
NX138BKS	NX138AKS	SOT363-3
NX138BKS	NX138AKS	SOT363
NX138BKS	NX138AKS	SOT363-3
NX138BKS	NX138AKS	SOT363
NX3020NAKS	NX3020NAKS	SOT363-3
NX3020NAKS	NX3020NAKS	SOT363
NX5020UNBKS	NX5020UNBKS	SOT363-3
NX5020UNBKS	NX5020UNBKS	SOT363
NX6008NBKS	small signal MOSFET	SOT363-3
NX6008NBKS	small signal MOSFET	SOT363
NX6020CAKS	NX6020CAKS	SOT363-3
NX6020CAKS	NX6020CAKS	SOT363
NX6020CAKS	NX6020CAKS	SOT363-3
NX6020CAKS	NX6020CAKS	SOT363
NX7002AKS	NX7002AKS	SOT363-3
NX7002AKS	NX7002AKS	SOT363
NX7002BKS	NX7002BKS	SOT363-3
NX7002BKS	NX7002BKS	SOT363
PMGD280UN	PMGD280UN	SOT363-3
PMGD280UN	PMGD280UN	SOT363
PMGD290XN	PMGD290XN	SOT363-3
PMGD290XN	PMGD290XN	SOT363
PMGD780SN	60V N CHANNEL TRENCHFET	SOT363-3
PMGD780SN	60V N CHANNEL TRENCHFET	SOT363

[illegible]