

Issue date: 19 Mar 2026

Effective date: 19 Mar 2026

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 SOT363 Package on STS (Strip-to-Strip) Backend Assembly Platform

Notification information

Reason of Change: As part of Nexperia's continuous improvement and long-term capacity strategy, we are planning the release of the SOT363 package on the STS (Strip-to-Strip) backend assembly platform.

This initiative is not only intended to expand capacity but also to support a gradual transition of SOT363 assembly from the existing BIM (Reel-to-Reel) platform to the STS platform. The introduction of STS technology will enhance manufacturing flexibility, increase throughput, and support future production growth using advanced backend technologies.

The planned release timeframe is Q3 2026. Implementation will be carried out in phases depending on the product type. The corresponding Product Change Notifications (PCNs) will be issued accordingly. Timing and milestones are indicative only.

This advance communication is intended to provide early visibility and to support early customer qualification activities. Additional updates will be shared as implementation and qualification activities progress.

Impact:

- PCNs will be released between May till August 2026.
- Product implementation will occur in multiple waves, and therefore the timing of PCN release, sampling, and documentation vary by product types.
- Material changes include lead frame and molding compound compatible with the STS line. No die change is planned as part of this platform transition. Die changes related to other projects are communicated through separate PCNs and remain unaffected by this notification.
- Relaxed lower specification limits for lead widths. No change to the solder footprint.
- Revised datasheets, including a minor update to the Package Outline Diagram, will be released between May and August 2026.
- No change in product specifications or performance.
- Nexperia will continue to ensure high quality and reliability for all customers.
- PCN samples will become available between April and June 2026.
- PPAP documentation will become available between May and September 2026.
- SOT363 package products will include both “non -Q” and “-Q” portfolio devices.
- In consideration of supply chain continuity, and in contrast to our standard PCN approval timing of 6–12 months, we kindly request customer support for accelerated PCN approval for SOT363 package products.

Instruction:

- To support a timely ramp-up of production capacity, we kindly request our customers cooperation in accelerating the PCN acceptance process for SOT363 packages manufactured on the STS platform. This will allow Nexperia to use the BIM lines mainly for SOT23 production, helping to avoid potential supply constraints and optimize overall manufacturing capacity.
- Nexperia will continue to invest in increasing SOT363 package capacity, with the goals of improving quality and expanding production capability.

Why do we issue this notification?

Conclusion:

With the release of SOT363 in the STS platform, Nexperia continues to maintain AEC-Q101 Rev. E qualification for “-Q” types and applicable parts and confirms suitability for automotive applications. Nexperia does not expect adverse impact on fit, form, function, or reliability. Customers remain responsible for determining suitability of Nexperia products for the intended use and compliance with applicable standards and customer specifications.

After the PCN acceptance, we reserve all rights to make any technical changes. In terms of specific concerns, please reach out to your local Nexperia Account Team.

Timeline:

- Mar 2026: Advanced customer communication about release of SOT363 in STS platform
- Apr - Jun 2026: Pre-release of PCN Samples
- May - Aug 2026: PCN issuance about release of SOT363 in STS platform
- May - Aug 2026: New Revision datasheets available (Updated POD)
- May - Sep 2026: Quality documents (PPAP, PSW etc)
- Jul - Nov 2026: Implementation of STS

**Change
Category**

- | | | | | |
|--------------------------------|-------------------------------------|--|-------------------------------|---------------------------------|
| ☐ Wafer | ☒ | | ☐ Test | ☐ Design |
| Fab | Assembly | ☐ Product Marking | Location | ☐ Errata |
| Process | Process | | | |

☐ Wafer	☐	☐ Mechanical	☐ Test	☐ Electrical
Fab	Assembly	Specification	Process	spec./Test
Materials	Materials	☐	☐ Test	coverage
☐ Wafer	☐	Packing/Shipping/Labeling Equipment		
Fab	Assembly			
Location	Location			

Management summary

Information about upcoming release of SOT363 Package on STS (Strip-to-Strip) Backend Assembly Platform.

Identification of affected products

Changed products can be identified by date code after implementation

Impact

No impact to the product's functionality anticipated

Data sheet revision

A new datasheet will be issued

Additional information

[View Change Notification Online](#)

Remarks

Legal Disclaimer: All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. This communication is shared solely for customer's internal evaluation in connection with its use of Nexperia products and may not be reproduced or distributed to third parties without Nexperia's prior written consent. The

information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent- or other industrial or intellectual property rights. All information herein is per Nexperia's best knowledge. This document does not provide for any representation or warranty expressed or implied by Nexperia.

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:

In case of distribution, please contact your 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](#).

[illegible]

Part Number	Manufacturer	Description	Category	Material	Notes
934607801115	PUMQD-115	NPN/NPN resistor equipped transistors; R1 = 2.2 kOhm, R2 = 2.2 kOhm	SOT363	SC-88	NFS
934608412115	PUMQD-Q	RET General Purpose	SOT363	SC-88	NFS
934607801115	PUMQD-115	NPN/NPN resistor equipped transistors; R1 = 100 kOhm, R2 = 100 kOhm	SOT363	SC-88	NFS
934608413115	PUMQD-Q	RET General Purpose	SOT363	SC-88	NFS
934605701115	PUMQD-1	NPN/NPN resistor equipped transistors; R1 = 47 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605912115	PUMQD-115	NPN/NPN double resistor-equipped transistors; R1 = 2.2 kOhm, R2 = open	SOT363	SC-88	NFS
934608441115	PUMQD-O	RET General Purpose	SOT363	SC-88	NFS
934605411115	PUMH-115	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = open	SOT363	SC-88	NFS
934605504115	PUMH7-115	NPN/NPN resistor equipped transistors; R1 = 47 kOhm, R2 = open	SOT363	SC-88	NFS
934605504115	PUMH7-1	NPN/NPN resistor equipped transistors; R1 = 47 kOhm, R2 = open	SOT363	SC-88	NFS
934628013115	PUMH7N-Q	Resistor equipped transistor	SOT363	SC-88	NFS
93462811115	PUMH7N-H	Resistor equipped Transistor	SOT363	SC-88	NFS
934605517115	PUMH9-115	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605517215	PUMH9-125	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605517315	PUMH9-135	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605517815	PUMH9-185	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605518115	PUMH9-QF	NPN/NPN resistor; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605519115	PUMH9-QH	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605519115	PUMH9-Q	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934605519115	PUMH9-Q2	NPN/NPN resistor equipped transistors; R1 = 18 kOhm, R2 = 47 kOhm	SOT363	SC-88	NFS
934604200115	PUMT1-115	PMOS general purpose double transistor	SOT363	SC-88	NFS
934605721115	PUMT1-O	BET General Purpose	SOT363	SC-88	NFS
934604201115	PUMK1-115	40V, 100 mA NPN/PNP general-purpose transistor	SOT363	SC-88	NFS
934609773115	PUMK1-Q	BET General Purpose	SOT363	SC-88	NFS
934609641115	PUMK2-115	NPN/NPN general-purpose double transistors	SOT363	SC-88	NFS
934609642115	PUMK2-125	NPN/NPN general-purpose double transistors	SOT363	SC-88	NFS
934609500115	PUMK2-Q	BET General Purpose	SOT363	SC-88	NFS
934609501115	PUMK2-O	BET General Purpose	SOT363	SC-88	NFS
934604201115	PUMK2-115	NPN/PMOS general-purpose transistors	SOT363	SC-88	NFS
934609774115	PUMK2-Q	BET General Purpose	SOT363	SC-88	NFS
934605817215	PUMK2-115	NPN/PMOS general-purpose double transistors	SOT363	SC-88	NFS
934609411115	PUMK2-Q	RET General Purpose	SOT363	SC-88	NFS