



Product Change Notification **CN-202209025F**

Issue date: 27 Dec 2022
Effective date: 30 Jun 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.



Transfer products in TVSOP48 (SOT480) package from ATBK (NXP Semiconductors, Plant Bangkok Thailand) to ATXSZ (ATX Semiconductors, Suzhou China)

Change Category

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

Details of this change

Transfer products in TVSOP48 (SOT480) package from ATBK (NXP Semiconductors, Plant Bangkok Thailand) to ATXSZ (ATX Semiconductors, Suzhou China)

- No change in wafer fab process or fab location
- No change in die (same electrical distribution)
- No change in datasheet, form, fit, function, quality or reliability anticipated
- Cu wire BOM selected to introduce zero delamination products

Qualification in accordance to the Automotive Electronics Council:

- AEC-Q100-rev. H Stress Test Qualification for Integrated Circuits
- AEC-Q006-rev. A Qualification requirements for Cu-wire interconnection

SQR_CN-202209025F.pdf: https://qcm.nexperia.com/Document/DOC-548359/SQR_CN-202209025F.pdf

Why do we implement this change?

- Last phase of transfer TVSOP48 (SOT480) products into ATXSZ (ATX Semiconductors Suzhou, China)

Identification of affected products

- The traceability is given by the assembly location indicator suffix which is indicated on the product topside marking and on the reel and box label, see remarks

Management summary

Transfer products in TVSOP48 (SOT480) package from ATBK (NXP Semiconductors, Plant Bangkok Thailand) to ATXSZ (ATX Semiconductors Suzhou, China)

Product availability

Production

Planned first shipment: 30 Jun 2023

Existing inventory will be shipped until depleted

Sample information

Samples are available upon request

Impact

No impact to the product's functionality anticipated

Data sheet revision

No impact to existing datasheet

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 26 Jan 2023. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Additional information

[View Change Notification Online](#)

Remarks

1). Assembly location indicator suffix on the product topside marking and on the reel and box label: "X"= ATXSZ (ATX Semiconductors Suzhou, China) and "n"= ATBK (NXP Semiconductors Assembly & Test Plant Bangkok, Thailand) 2). Limited samples (max. 300 pieces per product type) are available upon request via Helpdesk+ from BG Analog & Logic ICs sample store in Nijmegen The Netherlands

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
935288133118	74AVC16T245DGV,118	74AVC16T245DGV,118	74AVC16T245DGV	16-bit dual supply translat	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935302847118	74AVC16T245DGV-Q1J	74AVC16T245DGV-Q1J	74AVC16T245DGV-Q1J	16-bit dual supply translat	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690782118	74LVC162244ADGV	74LVC162244ADGV	74LVC162244ADGV	16-bit buffer/line driver;	3 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690798118	74LVC162245ADGV-QJ	74LVC162245ADGV-QJ	74LVC162245ADGV-QJ	16-bit transceiver with dir	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690795118	74LVC162245ADGVJ	74LVC162245ADGVJ	74LVC162245ADGVJ	16-bit transceiver with dir	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690705118	74LVC16244ADGV-Q1J	74LVC16244ADGV-Q1J	74LVC16244ADGV-Q1J	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690706118	74LVC16244ADGVJ	74LVC16244ADGVJ	74LVC16244ADGVJ	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690792118	74LVC16245ADGV-Q1J	74LVC16245ADGV-Q1J	74LVC16245ADGV-Q1J	16-bit bus transceiver wit	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690781118	74LVC16245ADGVJ	74LVC16245ADGVJ	74LVC16245ADGVJ	16-bit bus transceiver wit	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690793118	74LVC16373ADGV-Q1J	74LVC16373ADGV-Q1J	74LVC16373ADGV-Q1J	16-bit D-type transparent	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690794118	74LVC16373ADGVJ	74LVC16373ADGVJ	74LVC16373ADGVJ	16-bit D-type transparent	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690799118	74LVCH162244ADGVJ	74LVCH162244ADGVJ	74LVCH162244ADGVJ	16-bit buffer/line driver;	3 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690783118	74LVCH162245ADGVJ	74LVCH162245ADGVJ	74LVCH162245ADGVJ	16-bit transceiver with dir	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690707118	74LVCH16244ADGV-QJ	74LVCH16244ADGV-QJ	74LVCH16244ADGV-QJ	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690708118	74LVCH16244ADGVJ	74LVCH16244ADGVJ	74LVCH16244ADGVJ	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690797118	74LVCH16245ADGV-QJ	74LVCH16245ADGV-QJ	74LVCH16245ADGV-QJ	16-bit bus transceiver wit	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690794118	74LVCH16245ADGVJ	74LVCH16245ADGVJ	74LVCH16245ADGVJ	16-bit bus transceiver wit	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690799118	74LVCH16373ADGV-QJ	74LVCH16373ADGV-QJ	74LVCH16373ADGV-QJ	16-bit D-type transparent	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690796118	74LVCH16373ADGVJ	74LVCH16373ADGVJ	74LVCH16373ADGVJ	16-bit D-type transparent	SOT480-1	TSSOP48	RFS	No	Analog & Logic

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935690798118	74LVC162245ADGV-QJ	74LVC162245ADGV-QJ	74LVC162245ADGV-QJ	16-bit transceiver with dir	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690795118	74LVC162245ADGVJ	74LVC162245ADGVJ	74LVC162245ADGVJ	16-bit transceiver with dir	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690705118	74LVC16244ADGV-Q1J	74LVC16244ADGV-Q1J	74LVC16244ADGV-Q1J	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690706118	74LVC16244ADGVJ	74LVC16244ADGVJ	74LVC16244ADGVJ	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690792118	74LVC16245ADGV-Q1J	74LVC16245ADGV-Q1J	74LVC16245ADGV-Q1J	16-bit bus transceiver with	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690781118	74LVC16245ADGVJ	74LVC16245ADGVJ	74LVC16245ADGVJ	16-bit bus transceiver with	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690793118	74LVC16373ADGV-Q1J	74LVC16373ADGV-Q1J	74LVC16373ADGV-Q1J	16-bit D-type transparent	SOT480-1	TSSOP48	RFS	No	Analog & Logic
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935690783118	74LVCH162245ADGVJ	74LVCH162245ADGVJ	74LVCH162245ADGVJ	16-bit transceiver with dir	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690707118	74LVCH16244ADGV-QJ	74LVCH16244ADGV-QJ	74LVCH16244ADGV-QJ	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690708118	74LVCH16244ADGVJ	74LVCH16244ADGVJ	74LVCH16244ADGVJ	16-bit buffer/line driver;	5 SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690797118	74LVCH16245ADGV-QJ	74LVCH16245ADGV-QJ	74LVCH16245ADGV-QJ	16-bit bus transceiver with	SOT480-1	TSSOP48	RFS	No	Analog & Logic
935690794118	74LVCH16245ADGVJ	74LVCH16245ADGVJ	74LVCH16245ADGVJ	16-bit bus transceiver with	SOT480-1	TSSOP48	RFS	No	Analog & Logic
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