



Product Change Notification

CN-202209026F

Issue date: 27 Dec 2022

Effective date: 31 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.



Transfer of ALVC products into C075DMB process in GTA Semiconductors wafer fab and assembly and test transfer from ATBK to ATXSZ

Change Category

| | | | | | | | | | |
|-------------------------------------|--------------------|-------------------------------------|--------------------|-------------------------------------|---------------------------|-------------------------------------|----------------|-------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> | Wafer Fab Process | <input checked="" type="checkbox"/> | Assembly Process | <input checked="" type="checkbox"/> | Product Marking | <input checked="" type="checkbox"/> | Test Location | <input checked="" type="checkbox"/> | Design |
| <input checked="" type="checkbox"/> | Wafer Fab Material | <input checked="" type="checkbox"/> | Assembly Materials | <input type="checkbox"/> | Mechanical Specification | <input type="checkbox"/> | Test Process | <input type="checkbox"/> | Errata |
| <input checked="" type="checkbox"/> | Wafer Fab Location | <input checked="" type="checkbox"/> | Assembly Location | <input type="checkbox"/> | Packing/Shipping/Labeling | <input type="checkbox"/> | Test Equipment | <input type="checkbox"/> | Electrical spec./Test coverage |

Details of this change

Transfer of ALVC products into C075DMB process in GTA Semiconductors wafer fab (Shanghai China) and assembly and test transfer from ATBK (NXP Semiconductors, Plant Bangkok Thailand) to ATXSZ (ATX Semiconductors, Suzhou China)

- Assembly and test transfer from ATBK (NXP Semiconductors, Plant Bangkok Thailand) to ATXSZ (ATX Semiconductors Suzhou China)
- Change from EOL process PC10ST ICN8, Nijmegen The Netherlands to process C075DMB GTA Semiconductors wafer fab (Shanghai China)
- No change in datasheet and test limits
- No change in form, fit, function, quality or reliability anticipated

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-202209026F.pdf: https://qcm.nexperia.com/Document/DOC-548361/SQR_CN-202209026F.pdf

Why do we implement this change?

- End Of Life of process PC10ST at ICN8, Nijmegen The Netherlands

Identification of affected products

- The traceability is given by the location indicators which is indicated on the product marking and reel and box labels, see remarks

Management summary

- Assembly and test transfer from ATBK (NXP Semiconductors, Plant Bangkok Thailand) to ATXSZ (ATX Semiconductors, Suzhou, China)
- Change from EOL process PC10ST ICN8, Nijmegen The Netherlands to process C075DMB GTA Semiconductors wafer fab (Shanghai, China)

Product availability

Production

Planned first shipment: 31 Mar 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) Wafer Fab location indicator suffix on the product topside marking and on the reel and box label: "Y"= GTA (Shanghai, China) and "T"= NXP ICN8 (Nijmegen, The Netherlands) 2). PCN qualification samples are available upon request via Helpdesk+ out of BG Analog & Logic ICs sample store in Nijmegen, The Netherlands. Maximum sample order 300 pieces per type

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.

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](#).