

Final Product Change Notification

202104009F01

Issue Date: 07-Jul-2021

Effective Date: 05-Oct-2021

Here's your personalized quality information concerning products Premier Farnell PLC purchased from Nexperia.

For More details Please Contact your respective Nexperia CSR/AM.



Management Summary

Improved leadless 8 pad packages to achieve zero delamination

Change Category

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

Improved leadless 8 pad packages to achieve zero delamination in ATSN, Malaysia

Details of this Change

Improved BOM of leadless 8 pad packages to achieve zero delamination in ATSN (Nexperia Assembly & Test Plant Seremban Malaysia)

- BOM change for zero delamination performance
- Enhanced mould compound
- Introduced rough PPF inner leadframe
- Changed lead finish from Sn to enhanced NiPdAu (alignment with packages which were released since 2015)
- No change of die, diffusion fab, assembly location or ordering part number

Please use the below link to access related documentation to this change notification
https://qcm.nexperia.com/change-notification-epcn/SQR_PCN_202104009F01_final.pdf

Why do we Implement this Change

To improve the intrinsic quality

Identification of Affected Products

The changed products can be identified by backward traceability of the product marking date code as well as on the reel and box labels

Product Availability

Sample Information

Samples are available upon request

Samples are available upon request via Helpdesk+ from BG Analog & Logic ICs sample store in Nijmegen The Netherlands

Production

Planned first shipment 05-Oct-2021

Impact

no impact to the product's functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 06-Aug-2021. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Remarks

- No change in data sheet electrical specification, test limits and distributions
- No assembly location change
- No waferfab location change

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:

e-mail address PCN@nexperia.com

In case of distribution, please contact your distribution partner.

At Nexperia B.V. we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

About Nexperia B.V.

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