nexperia

Final Product Change Notification | 201906002F01

Issue Date: 31-Dec-2019
Effective Date: 30-Mar-2020
Dear *Patricio Gomez Bello*,

Here's your personalized quality information concerning products Premier Farnell PLC purchased from Nexperia.
For detailed information we invite you to view this notification online

Management Summary
Transfer HEF4051B Logic product into released and mature PC95SSMB process

Change Category

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

> ## Transfer HEF4051B product into released and mature PC95SSMB process

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Details of this Change

Transfer HEF4051B Logic product into released and mature PC95SSMB process at ICN8 (NXP Semiconductors Nijmegen The Netherlands)

- HEF4051B is currently the only die produced in PC950SMB process
- Remaining analog multiplexer/demultiplexer types in the HEF family (HEF4052B, HEF4053B) are running in mass volume since 2000 in PC95SSMB process
- IP used for new HEF4051B die design is identical to already released/mature analog multiplexer/demultiplexer products (HEF4052B and HEF4053B)
- No wafer fab location change
- No assembly / final test location change

Why do we Implement this Change
- Process life cycle management action to move HEF4051B from non-preferred to preferred process

Identification of Affected Products

- The changed products can be identified by backward traceability of the product marking date code

Product Availability

Sample Information
Samples are available upon request
Samples are available upon request from the Logic sample store Nijmegen The Netherlands
Production
Planned first shipment 30-Mar-2020

Impact

- No change in data sheet and test limits
- No change in form, fit, function, quality or reliability
- Typical product parameters HEF4051B in new process match by 10% with type in existing process
Data Sheet Revision
No impact to existing datasheet
Disposition of Old Products
Existing inventory will be shipped until depleted

Additional information

Affected products and sales history information: see attached file
Self qualification: view online
Additional documents: view online

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 30-Jan-2020. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Remarks

- No change in ordering code 12NC's and product type number

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact Nexperia "Global Quality Support Team".

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-Logic@nexperia.com
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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