

## Final Product Change Notification

201906002F01

**Issue Date:** 31-Dec-2019  
**Effective Date:** 30-Mar-2020

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### Management Summary

Transfer HEF4051B Logic product into released and mature PC95SSMB process

#### Change Category

<input checked="" type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input checked="" type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input 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

Transfer HEF4051B product into released and mature PC95SSMB process

### 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

## 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.

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## Affected Part Numbers

HEF4051BT,653

HEF4051BTT,118

HEF4051BTT,118

HEF4051BT,652