



## Final Product Change Notification

201505008F01

**Issue Date:** 12-Sep-2015  
**Effective Date:** 25-Dec-2015

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For detailed information we invite you to view this notification online



# QUALITY

### Management Summary

Transfer 74AHC/T & 74VHC/T products into released and mature C125 process at ICN8 and ASMC diffusion fabs

#### Change Category

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

Transfer AHC/T & VHC/T products into released and mature C125 process at ICN8 / ASMC

### Details of this Change

Transfer 74AHC/T & 74VHC/T products into released and mature C125 process at ICN8 (NXP Semiconductors Nijmegen The Netherlands) and ASMC (Advanced Semiconductor Manufacturing Corporation Limited in Shanghai China) diffusion fabs

- No change in data sheet
- No assembly location changes
- No test/packing location changes
- No change in ordering part number / 12NC

#### Why do we Implement this Change

- Reduce risk of supply by releasing in geographically dispersed production locations
- To support increased customer demand

#### Identification of Affected Products

- Applied wafer fab is indicated on the reel and box label or on the product marking if space permits

Fab indicators:

"Y"= ASMC, Shanghai, China

"T"= NXP ICN8, Nijmegen, Netherlands

### Product Availability

#### Sample Information

Samples are available upon request

Available in Logic sample store Nijmegen The Netherlands

Samples request for limited quantities can be made via sample store Nijmegen The Netherlands

#### Production

Planned first shipment 25-Dec-2015

### Impact

- No impact to the product's quality/functionality anticipated
- Die design tuned to match current product performance
- Using state of the art process will reduce spread

#### **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 JESD46 D, is expected till 12-Oct-2015.

#### **Contact and Support**

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

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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