



Final Product Change Notification

201503008F01

Issue Date: 26-Mar-2015

Effective Date: 22-Jul-2015

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For detailed information we invite you to view this notification online



QUALITY

Management Summary

Phase 2: Expansion of industrial footprint for C075 process (74AVC & AUP Logic products) in ASMC as second source wafer fab

Change Category

<input type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Product Marking	<input 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

Phase 2: Expansion of industrial footprint for C075 process 74AVC/AUP Logic products

Details of this Change

Phase 2: Expansion of industrial footprint for C075 process in ASMC (Advanced Semiconductor Manufacturing Corporation Limited in Shanghai China)

Release additional types in existing C075 process at ASMC (74AVC/AUP families)

- ICN8 C075 process was transferred to ASMC in 2005 for non-Logic NXP types and released for Logic 74AVC/AUP types in 2014 (PCN 201410001F01)

- No change in datasheet, form, fit, function, quality or reliability anticipated

- No change in BOM (Bill Of Materials)

- Matching PCM and product parameters by 1.5 delta/sigma

- No change in die layout, all masks are produced from the same GDS2 file

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

- No change in final test location

Why do we Implement this Change

- Capacity increase to address customer demand

- Flexibility

Identification of Affected Products

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

Indicators:

"Y"= ASMC, Shanghai, China

"T"= NXP ICN8, Nijmegen, Netherlands

Product Availability

Sample Information

Samples are available from 04-Jun-2015

Available in Logic sample store Nijmegen The Netherlands

Production

Planned first shipment 22-Jul-2015

Impact

No change in datasheet, form, fit, function, quality or reliability anticipated

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Not applicable, products will continue to be diffused in ICN8 and will continue to ship as needed to meet customer demand

Related Notifications

Notification	Issue Date	Effective Date	Title
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201410001F0101-Nov-2014	13-Feb-2015		Introduce ASMC as a second source wafer fab location for 74AUP Logic products
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Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 25-Apr-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:

Name Emile Busink
Position QA engineering Logic Products
e-mail address emile.busink@nxp.com

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NXP Quality Management Team.

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Customer Part#	Changed Part 12NC
74AVC8T245BQ,118	935284591118
74AVC16T245DGG,118	935286228118
74AVC8T245BQ,118	935284591118
74AVC16T245DGG,118	935286228118