



Final Product Change Notification

201410001F01

Issue Date: 01-Nov-2014
Effective Date: 13-Feb-2015

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QUALITY

Management Summary

- Attached 74AUP products will be sourced from two different wafer fab locations
- Second source 74AUP family in existing C075 process at ASMC

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 |

Introduce ASMC as a second source wafer fab location for 74AUP Logic products

Details of this Change

Introduce the Logic 74AUP family at ASMC (Advanced Semiconductor Manufacturing Corporation Limited in Shanghai China) in C075 as second source wafer fab location for current location NXP ICN8 fab (Nijmegen The Netherlands)

- ICN8 C075 process was transferred to ASMC in 2005 for non-Logic NXP types
- 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 upon request

Production

Planned first shipment 13-Feb-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

Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 01-Dec-2014.

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
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