



## Final Product Change Notification

201306015F01

**Issue Date:** 02-Aug-2013  
**Effective Date:** 31-Jan-2014

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# QUALITY

### Management Summary

Final announcement of Q100 products transferred within NXP Nijmegen from ICN6 to ICN8 due to factory closure

### Change Category

Wafer Fab process	Assembly Process	Product Marking	Design
Wafer Fab materials	Assembly Materials	Electrical spec./Test coverage	Mechanical Specification
Wafer Fab location	Assembly Location	Test Location	Packing/Shipping/Labeling

## Introducing the Q100 Logic Portfolio in ICN8 (due to ICN6 factory closure)

### Details of this Change

Introducing the Q100 Logic Portfolio in ICN8 (due to ICN6 factory closure)

- Q100 product type transfer within NXP Nijmegen (The Netherlands) from ICN6 to ICN8
- Process and products will be transferred in 2013 to ICN8
- ICN8 will use existing resources / employees
  
- No change in datasheet, form, fit, function, quality or reliability anticipated
- No change in BOM
- No change in die layout
- No change in datasheet
- 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 wire bonding process, Au-wire only

### Why do we Implement this Change

- Move production to 8" wafers
- Capacity increase to address customer demand

### Identification of Affected Products

Applied wafer fab is indicated on the third line of the product marking (top side) first character, if space permits:

"U"= NXP ICN6

"T"= NXP ICN8

## Product Availability

### Sample Information

Samples are available upon request

Requested customer engineering' samples will be available type by type

### Production

Planned first shipment 31-Jan-2014

## Impact

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

### Data Sheet Revision

No impact to existing datasheet

### Disposition of Old Products

Existing inventory will be shipped until depleted

## Related Notifications

Notification	Issue Date	Effective Date	Title
201203001F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM42 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203002F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM45 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203003F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM50 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203004F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM57 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203005F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM58 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203006F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM61 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203007F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM62 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203008F0113-Jul-2013	11-Oct-2013	11-Oct-2013	Transfer PM70 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203009F0124-Jul-2013	22-Oct-2013	22-Oct-2013	Transfer PM72 process from ICN6 to ICN8 within NXP Nijmegen (The Netherlands)
201203010F0104-Oct-	01-Jan-2014	01-Jan-2014	Transfer PM75 process from ICN6 to ICN8 within NXP

### Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 01-Sep-2013.

### Remarks

- Qualification according to NXP quality specification (QRS) automotive grade compliant to AEC-Q100 grade 1
- 180 days PCN approval cycle

### 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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NXP Quality Management Team.

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