



## Final Product Change Notification

201605006F01

**Issue Date:** 30-Jun-2016

**Effective Date:** 14-Oct-2016

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



# QUALITY

### Management Summary

Expansion of second source various types in already released TSSOP packages and production sites

#### Change Category

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

Expansion of second source various types in TSSOP packages

### Details of this Change

Expansion of second source various types in already released TSSOP packages and production sites

- Introduce assembly and final test in ATBK (NXP Semiconductors Assembly & Test Plant Bangkok Thailand) for the TSSOP14 package
- Introduce assembly and final test in ASEN (NXP-ASE JV Suzhou, China) for the TSSOP16 package
- All products affected on this notification are currently assembled in ATP (Amkor Technology Manila Philippines)

#### Why do we Implement this Change

- Consolidation and optimization of NXP' manufacturing / assembly locations
- Introduction of second source
- To support increased customer demand
- Order Lead-Time Improvement

#### Identification of Affected Products

Assembly location can be identified by the assembly code that is marked on the product on line "C":

"u" = ATP

"n" = ATBK

"X" = ASEN

In addition assembly country name is printed on box and reel label

## Product Availability

### Sample Information

Samples are available upon request

Limited samples are available upon request for high volume types in Logic sample store Nijmegen The Netherlands

### Production

Planned first shipment 14-Oct-2016

## Impact

no impact to the product's functionality anticipated.

### Data Sheet Revision

No impact to existing datasheet

### Disposition of Old Products

Not applicable

## Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 30-Jul-2016.

## 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** PCN specialist - QA engineering Logic Products  
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At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

Customer Focus, Passion to Win.

NXP Quality Management Team.

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