

**Customer Information Notification**

201712002I

**Issue Date:** 22-Jan-2018  
**Effective Date:** 22-Apr-2018

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 For detailed information we invite you to view this notification online



**Management Summary**

Introduction of ASEN (Suzhou, China) as second source wafer test location

**Change Category**

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

Introduction of ASEN (Suzhou, China) as second source wafer test location

**Information Notification**

Introduction of ASEN (Suzhou, China) as second source wafer test location

- In addition to NXP Semiconductors Thailand ASEN will be released for wafer test

**Why do we issue this Information Notification**

- Copy exact of existing ATBK wafer test process, full comparison qualification completed
- Improved wafer test capacity
- Improved efficiency, ASEN will become a full turn key solution

**Identification of Affected Products**

- Full traceability on lot number

**Impact**

No impact to the product's functionality

**Data Sheet Revision**

No impact to existing datasheet

### **Disposition of Old Products**

Not applicable, second source release

### **Contact and Support**

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

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

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

**Name** Logic Customer Support

**e-mail address** logic.helpdesk@nexperia.com

At Nexperia B.V we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

### **About Nexperia B.V**

We at Nexperia are the efficiency semiconductor company. We deliver over 70 billion products a year and as such service thousands of global customers, both directly and through our extensive network of channel partners. We are at the heart of billions of electronic devices in the Automotive, Mobile, Industrial, Consumer, Computing, and Communication Infrastructure segments.

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Nexperia |

Nexperia B.V.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
"74HCT165D,653"	933713790653	74HCT165D	HC/HCT	SOT109-1	SO16	RFS	Logic and Protection
"74HC14BQ,115"	935273486115	74HC14BQ	74HC14	SOT762-1	DHVQFN14	RFS	Logic and Protection
"74HCT595D,112"	935009180112	74HCT595D	HC/HCT	SOT109-1	SO16	RFS	Logic and Protection
"74HC595DB,118"	935165210118	74HC595DB	HC/HCT	SOT338-1	SSOP16	RFS	Logic and Protection
"74HCT245PW,112"	935165230112	74HCT245PW	HC/HCT	SOT360-1	TSSOP20	RFS	Logic and Protection
"74HCT245DB,118"	935166900118	74HCT245DB	HC/HCT	SOT339-1	SSOP20	RFS	Logic and Protection
"74HC245BQ,115"	935278645115	74HC245BQ	74HC245BQ	SOT764-1	DHVQFN20	RFS	Logic and Protection
"74HCT245D,653"	933713590653	74HCT245D	HC/HCT	SOT163-1	SO20	RFS	Logic and Protection
"74HC165D,653"	933713780653	74HC165D	HC/HCT	SOT109-1	SO16	RFS	Logic and Protection
"74HCT164D,652"	933714080652	74HCT164D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection
"74HCT14D,653"	933714440653	74HCT14D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection
"74HC595D,112"	935009160112	74HC595D	HC/HCT	SOT109-1	SO16	RFS	Logic and Protection
"74HC245PW,112"	935183570112	74HC245PW	HC/HCT	SOT360-1	TSSOP20	RFS	Logic and Protection
"74HCT165PW,118"	935188350118	74HCT165PW	HC/HCT	SOT403-1	TSSOP16	RFS	Logic and Protection
"74HCT595PW,118"	935200990118	74HCT595PW	HC/HCT	SOT403-1	TSSOP16	RFS	Logic and Protection
"74HC165BQ,115"	935286073115	74HC165BQ	74HC165BQ	SOT763-1	DHVQFN16	RFS	Logic and Protection
"74HC164D,652"	933714070652	74HC164D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection
"74HC595BQ,115"	935273679115	74HC595BQ	74HC595	SOT763-1	DHVQFN16	RFS	Logic and Protection
"74HCT164BQ,115"	935279166115	74HCT164BQ	74HCT164BQ	SOT762-1	DHVQFN14	RFS	Logic and Protection
"74HC164D,653"	933714070653	74HC164D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection
"74HC14D,652"	933714400652	74HC14D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection
"74HCT595D,118"	935009180118	74HCT595D	HC/HCT	SOT109-1	SO16	RFS	Logic and Protection
"74HC165PW,112"	935174530112	74HC165PW	HC/HCT	SOT403-1	TSSOP16	RFS	Logic and Protection
"74HCT165DB,112"	935190350112	74HCT165DB	HC/HCT	SOT338-1	SSOP16	RFS	Logic and Protection
"74HCT245PW,118"	935165230118	74HCT245PW	HC/HCT	SOT360-1	TSSOP20	RFS	Logic and Protection
"74HC14PW,118"	935183530118	74HC14PW	HC/HCT	SOT402-1	TSSOP14	RFS	Logic and Protection
"74HC245PW,118"	935183570118	74HC245PW	HC/HCT	SOT360-1	TSSOP20	RFS	Logic and Protection
"74HC595PW,118"	935188520118	74HC595PW	HC/HCT	SOT403-1	TSSOP16	RFS	Logic and Protection
"74HCT14BQ,115"	935273541115	74HCT14BQ	74HCT14	SOT762-1	DHVQFN14	RFS	Logic and Protection
"74HC165D-Q100,118"	935298767118	74HC165D-Q100	PISO shift register	SOT109-1	SO16	RFS	Logic and Protection
"74HC595D-Q100,118"	935298874118	74HC595D-Q100	shift register with output latches	SOT109-1	SO16	RFS	Logic and Protection
"74HC245DB,118"	935166910118	74HC245DB	HC/HCT	SOT339-1	SSOP20	RFS	Logic and Protection
"74HCT14PW,118"	935183540118	74HCT14PW	HC/HCT	SOT402-1	TSSOP14	RFS	Logic and Protection
"74HCT595BQ,115"	935273733115	74HCT595BQ	74HCT595	SOT763-1	DHVQFN16	RFS	Logic and Protection
"74HC14PW-Q100,118"	935298442118	74HC14PW-Q100	hex inverter Schmitt-trigger	SOT402-1	TSSOP14	RFS	Logic and Protection
"74HC245D,652"	933713580652	74HC245D	HC/HCT	SOT163-1	SO20	RFS	Logic and Protection
"74HCT14D,652"	933714440652	74HCT14D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection
"74HC165PW,118"	935174530118	74HC165PW	HC/HCT	SOT403-1	TSSOP16	RFS	Logic and Protection
"74HC164PW,118"	935187370118	74HC164PW	HC/HCT	SOT402-1	TSSOP14	RFS	Logic and Protection
"74HCT164PW,118"	935188330118	74HCT164PW	HC/HCT	SOT402-1	TSSOP14	RFS	Logic and Protection
"74HCT165BQ,115"	935286074115	74HCT165BQ	74HCT165BQ	SOT763-1	DHVQFN16	RFS	Logic and Protection
"74HC595BQ-Q100,115"	935298873115	74HC595BQ-Q100	shift register with output latches	SOT763-1	DHVQFN16	RFS	Logic and Protection
"74HC595PW-Q100,118"	935298875118	74HC595PW-Q100	shift register with output latches	SOT403-1	TSSOP16	RFS	Logic and Protection
"74HCT245D,652"	933713590652	74HCT245D	HC/HCT	SOT163-1	SO20	RFS	Logic and Protection
"74HCT164D,653"	933714080653	74HCT164D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection
"74HC595D,118"	935009160118	74HC595D	HC/HCT	SOT109-1	SO16	RFS	Logic and Protection
"74HC595PW,112"	935188520112	74HC595PW	HC/HCT	SOT403-1	TSSOP16	RFS	Logic and Protection
"74HC14D,653"	933714400653	74HC14D	HC/HCT	SOT108-1	SO14	RFS	Logic and Protection