

Final Product Change Notification

201711004F01

Issue Date: 30-Dec-2017
Effective Date: 30-Mar-2018

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 For detailed information we invite you to view this notification online



Management Summary

Transfer 74HC/T1G mini logic products into released and mature C350 process

Change Category

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

Transfer 74HC/T1G mini logic products into released and mature C350 process

Details of this Change

Transfer 74HC/T1G mini logic products into released and mature C350 process

- Next phase of 74HC/T transfer to C350 mini logic products transferred from C50
- Wafer fab. Location ASMC, Shanghai, China
- Process life cycle management action to redesign from non-preferred to preferred process
- Introduce enhanced LF with improved intrinsic quality

Why do we Implement this Change

- Process life cycle management action to redesign from non-preferred to preferred process
- Package quality improvement

Identification of Affected Products

- Applied wafer fab is indicated on the reel, box label

Product Availability

Sample Information

Samples are available upon request

Samples are available upon request from the Logic sample store Nijmegen The Netherlands

Production

Planned first shipment 30-Mar-2018

Impact

- No change in data sheet and test limits
- No change in form, fit, function, quality or reliability
- No change in ordering code 12NC's and product type number
- No change in product identification

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Products will continue to be shipped from ICN8 C50 process until depleted

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 29-Jan-2018.

Remarks

Wafer Fab Indicators:

"Y"= ASMC, Shanghai, China

"T"= NXP ICN8, Nijmegen, Netherlands

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.

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Jonkerbosplein 52 6534 AB Nijmegen, The Netherlands

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Affected Part Numbers

74HCT1G86GW,125	74HCT1G02GW-Q100,1
74HCT1G08GW-Q100,1	74HCT1G04GV-Q100H
74HCT1G125GW-Q100H	74HCT1G04GW,165
74HCT1G125GW,125	74HCT1G04GW-Q100H
74HCT1G00GW,125	74HCT1G08GV-Q100,1
74HCT1G04GW,125	74HCT1G08GW,165
74HCT1G08GV,125	74HCT1G125GV-Q100H
74HCT1G08GW,125	74HCT1G125GW,165
74HCT1G125GV,125	74HCT1G126GV,125
74HCT1G126GW,125	74HCT1G126GW,165
74HCT1G14GV,125	74HCT1G14GV-Q100H
74HCT1G14GW,125	74HCT1G14GW,165
74HCT1G32GV,125	74HCT1G14GW-Q100H
74HCT1G32GW,125	74HCT1G32GV-Q100H
74HCT1G02GW,125	74HCT1G32GW,165
74HCT1G04GV,125	74HCT1G32GW-Q100H
74HCT1G66GW,125	74HCT1G66GV,125
74HCT1G00GV,125	74HCT1G66GV-Q100H
74HCT1G00GV-Q100H	74HCT1G66GW,165
74HCT1G00GW,165	74HCT1G66GW-Q100H
74HCT1G00GW-Q100H	74HCT1G86GV,125
74HCT1G02GV,125	74HCT1G86GV-Q100H
74HCT1G02GV-Q100,1	74HCT1G86GW,165
74HCT1G02GW,165	74HCT1G86GW-Q100H