

Final Product Change Notification

201711004F01

Issue Date: 20-Jan-2018
Effective Date: 20-Apr-2018

Here's your personalized quality information concerning products Digi-Key purchased from Nexperia.
 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 19-Feb-2018. Lack of acknowledgement of the PCN constitutes acceptance of the change.

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.

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.

You have received this email because you are a designated contact or subscribed to Nexperia Quality Notifications. Nexperia shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

Nexperia |

Nexperia B.V.

Jonkerbosplein 52 6534 AB Nijmegen, The Netherlands

© 2017 Nexperia. All rights reserved.

Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
"74HC1G32GW,125"	935245750125	74HC1G32GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HC1G00GV,125"	935272010125	74HC1G00GV	74HC1G00	SOT753	SO5	RFS	Logic and Protection
"74HCT1G02GW,125"	935245620125	74HCT1G02GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HCT1G00GW,125"	935245600125	74HCT1G00GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HC1G00GW,125"	935245610125	74HC1G00GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HCT1G86GW,125"	935245780125	74HCT1G86GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HCT1G32GV,125"	935272009125	74HCT1G32GV	74HCT1G32	SOT753	SO5	RFS	Logic and Protection
"74HCT1G32GW,125"	935245740125	74HCT1G32GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HC1G02GW,125"	935245630125	74HC1G02GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HC1G86GW,125"	935245790125	74HC1G86GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HCT1G08GW,125"	935245660125	74HCT1G08GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection
"74HC1G08GV,125"	935272015125	74HC1G08GV	74HC1G08	SOT753	SO5	RFS	Logic and Protection
"74HC1G08GW,125"	935245670125	74HC1G08GW	PICO GATE	SOT353-1	UMT5	RFS	Logic and Protection