



Final Product Change Notification **Update**

202205017F01U01 : For LPC55(S)6x and LPC55(S)2x, GlobalFoundries Fab1 Will be Added as a Second Source Wafer Fab

Note: This notice is NXP Company Proprietary.

Issue Date: May 02, 2024 **Effective Date:** Jul 31, 2024

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For detailed information we invite you to [view this notification online](#)

Management summary

For LPC55(S)6x and LPC55(S)2x, GlobalFoundries Fab1 will be added as a second source wafer fab.

Change Category

- | | | | | |
|------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|-----------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Process | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test Equipment | <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 Location | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware <input type="checkbox"/> Other | | | | |

Notification Overview

Update Information

The original notification did not correctly specify that the LPC55S2x secure version part numbers were also included.

Description

For LPC55(S)6x and LPC55(2)x products, The current wafer fab is GlobalFoudries Fab7 (GF7). GlobalFoundries Fab1 (GF1) has been qualified and will be added as a second source wafer fab.

- No change in data sheet
- No change in ordering part number / 12NC
- Final test location remains unchanged at NXP Assembly and Test Kaohsiung (ATKH)

Reason

To ensure wafer supply with increased capacity.

Identification of Affected Products

Top Side Marking

The wafer fab can be identified on the top side marking. The first character of the 3rd line in the top side marking is the fab code. L = GF1, s = GF7

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment Nov 27, 2022

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Disposition of Old Products

Customer may receive product built from either wafer fab.

Additional information

Self qualification: [view online](#)

Additional documents: [view online](#)

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Jun 01, 2024.

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	Timothy Camenzind
Position	Quality Manager
e-mail address	tim.camenzind@nxp.com

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High Tech Campus, 5656 AG Eindhoven, The Netherlands

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