



Final Product Change Notification

202012007F01 : NX5P3363UK FAB EXPANSION (SSMC TO TSMC10)

Note: This notice is NXP Company Proprietary.

Issue Date: Dec 18, 2020 **Effective date:** Mar 18, 2021

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Management summary

In order to secure the customer delivery and fab capacity, enable TSMC10 to support NX5P3363UK manufacturing as 2nd source.

Change Category

Wafer Fab Process Assembly Process Product Marking Test Process Design

Wafer Fab Materials Assembly Materials Mechanical Specification Test Equipment Errata

Wafer Fab Location Assembly Location Packing/Shipping/Labeling Test Location Electrical spec./Test coverage

Firmware Other

PCN Overview

Description

NXP Semiconductors is announcing the introduction of Taiwan Semiconductor Manufacturing Company Fab 10 (TSMC10), Shanghai, China as a dual source wafer manufacturing location for the NX5P3290 (WLCSP16).

Reason

The Fab manufacturing site capacity expansion to TSMC10 will improve NXP's ability to meet increasing customer demand and still maintain supply from the original Fab (SSMC).

Identification of Affected Products

Top Side Marking

The Line C of the Mask ID marking will change from ZtDYYWW to NtDYYWW. 'Z' for SSMC; 'N' for TSMC10

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment Jan 31, 2021

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

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

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Fab Expansion. No Depletion of Inventory required.

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Jan 17, 2021.

Remarks

NX5P3363UK TSMC10 reliability test finished and pass.

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.

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NXP Quality Management Team.

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Affected Part Number

NX5P3363UKZ