



Final Product Change Notification

202008002F01

Issue Date: 30-Sep-2020
Effective Date: 28-Dec-2020

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QUALITY

Management Summary

In order to secure the customer delivery and fab capacity, enable TSMC F10 to support NX20P0408 manufacturing as 2nd source.

Change Category

- | | | | | |
|--|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Location | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input 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 |
| <input type="checkbox"/> Firmware | <input type="checkbox"/> Other | | | |

NX20P0408 FAB EXPANSION (SSMC TO TSMC F10)

Description of Change

NXP Semiconductors is announcing the introduction of Taiwan Semiconductor Manufacturing Company Fab 10 (TSMC F10), Shanghai, China as a dual source wafer manufacturing location for the NX20P0408 (WLCSP12).

Reason for Change

The Fab manufacturing site capacity expansion to TSMC F10 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 last 5 digits of the Mask ID marking will change from ZYWW to NYWW. 'Z' for SSMC; 'N' for TSMC10.

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 28-Dec-2020

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 29-Oct-2020.

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:

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

Customer Focus, Passion to Win.

NXP Quality Management Team.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	Product Line
NX20P0408UKZ	935374896012	NX20P0408UK	USB Type C CC/SBU1/2 Protection IC	WLCSP12	RFS	Embedded Power