Advance Product Change Notification | 201301011A

Issue Date: 14-Sep-2013

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Management Summary

Introduction of Dual Source for products TJA1027, TJA1028, TJA1029, TJA1042, TJA1043, TJA1051, TJF1051, TJA1055 and UJA1078A.

Change Category

[ ] Wafer Fab process	[ ] Assembly Process	[X] Product Marking	[ ] Design
[ ] Wafer Fab materials	[ ] Assembly Materials	[ ] Electrical spec./Test coverage	[ ] Mechanical Specification
[X] Wafer Fab location	[ ] Assembly Location	[ ] Test Location	[ ] Packing/Shipping/Labeling

Dual sourcing from SSMC

Details of this Planned Change

As part of the NXP Business Continuity Management (BCM) program it has been decided to establish a Dual Source for products TJA1027, TJA1028, TJA1029, TJA1042, TJA1043, TJA1051, TJF1051, TJA1055 and UJA1078A. To this end, diffusion of these products will start in a 2nd location wafer fab SSMC, Singapore, in parallel to the running production in wafer fab ICN8, Nijmegen, the Netherlands.

This Dual Source was already pre-announced to customers for various products in the recent PCN's 201206027 and 201209019.

This change does not affect the currently released NXP 12NC product part numbers, which are produced only in waferfab ICN8. For each of the mentioned products a new 12NC will be created to make use of the Dual Source (sourcing from both wafer fabs ICN8 and SSMC), where the actual sourcing is at NXP's discretion.

In the attachment to this A-PCN details of the changes involved are given, as well as the AEC-Q100 compliant qualification plan for them.

Why do we Plan this Change

NXP has the responsibility to have appropriate processes and procedures in place to ensure the ability to continue business operations in the event of an interruption affecting all or part(s) of the NXP organization.

NXP has a Business Continuity Management (BCM) program in place since 2010. The BCM program includes 3 elements :
- 1. Risk Management per site
- 2. Contigency on Product level
- 3. Supplier Risk management.

This PCN refers to the 2nd element "Contingency on product level" which includes also the Dual Source option.

The second reason for creating a Dual-Source is to establish an industrial base able to support the ever-increasing demand for A-BCD3 products, driven by longer term growth in the In-Vehicle Networking market.

It has been decided to establish a Dual Source for products TJA1027, TJA1028, TJA1029, TJA1042, TJA1043, TJA1051, TJF1051, TJA1055 and UJA1078A. This means that these products, which are currently produced in ICN8, Nijmegen, the Netherlands will be manufactured also in SSMC, Singapore in parallel to the production in ICN8.

Identification of Affected Products

Top side marking
In the attachment to this A-PCN it is shown how the product name and the marking changes.

Product Availability

Sample Information

Samples availability differs by product - see attached sample plan
In the attachment to this A-PCN the dates are given at which samples for each product are available.

Production

Shipment dates are product specific, see attached plan

Impact

There will be no impact to the product's functionality.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

The current products manufactured in ICN8 are not affected by this change. We will merely add a second wafer fab source SSMC, creating a true dual source under new NXP 12NC product part numbers.

Timing and Logistics

The Self Qualification Report will be ready on 16-Sep-2013.
The Final PCN is planned to be issued on: 16-Sep-2013.
Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 14-Oct-2013.
The mentioned planned dates for the Self Qualification Report (SQR) and Final PCN refer to TJA1055. Please see the attachment for the timing of the other involved products.

Remarks

Please use the link 'view this notification online' at te top of this message under the heading 'Advance Product Change Notification', to log in to the NXP e-PCN system you're subscribed to, in order to obtain the attached document with relevant detailed information from the tab 'Files'.

Should you not be able to obtain this document, please contact your NXP sales representative or the e-mail address mentioned below under 'Contact and Support'.

In the NXP e-PCN system on the tab 'Products' you can see a list of your affected part numbers. Note that at this

point in time you cannot order yet the new NXP parts. Once the final PCN's with qualification results are submitted to customer the new orderable NXP 12NC part numbers will be provided.

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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A global semiconductor company with operations in more than 25 countries, NXP posted unaudited revenue of $4.36 billion in 2012.