Final Product Change Notification   201403013F02

Issue Date: 28-Oct-2014
Effective Date: 09-Feb-2015

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QUALITY

Management Summary
For the PCF8563TS/5 Real Time Clock (RTC) we will change the wafer fab from TSMC fab 2 to Vanguard.

Change Category

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

Transfer of Wafer Fab for PCF8563TS/5

Details of this Change
Currently the PCF85163TS Real Time Clock (RTC) is being diffused in TSMC fab2. We will transfer the production to Vanguard.
The two fabs are in close proximity to each other. We have already fabrication of products in the same process running in Vanguard for long time. Fabrication technology and feature size is identical. The quality and reliability is absolutely comparable to the current fab.
All qualification tests passed successfully. The report of this qualifications is attached to the PCN.

Why do we Implement this Change
To produce the products in a more state-of-the-art wafer fab. TSMC fab 2 is producing on 6" wafers while the production at Vanguard is on 8" wafers.

Identification of Affected Products
Product identification does not change

Product Availability
Sample Information
Samples are available upon request
Production
Planned first shipment 09-Feb-2015

Impact
no impact to the product's functionality anticipated.
Data Sheet Revision
No impact to existing datasheet
Disposition of Old Products
Existing inventory will be shipped until depleted

Timing and Logistics
Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 27-Nov-2014.

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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