



Final Product Change Notification

201601006F01

Issue Date: 29-Jan-2016
Effective Date: 12-May-2016

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QUALITY

Management Summary

The TEF663xHW/V106Z dual sourcing version is available (Waferfab: Globalfoundries and TSMC; Assembly: ATKH - NXP Taiwan).

Change Category

<input type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Product Marking	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab materials	<input checked="" type="checkbox"/> Assembly Materials	<input type="checkbox"/> Electrical spec./Test coverage	<input type="checkbox"/> Mechanical Specification
<input checked="" type="checkbox"/> Wafer Fab location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Test Location	<input type="checkbox"/> Packing/Shipping/Labeling

TEF663xHW/V106Z - Hero dual sourcing

Details of this Change

As part of the NXP Business Continuity Management (BCM) program it has been decided to establish a dual sourcing for the HERO product family. NXP strongly recommends customers to switch over to TEF663xHW/V106Z .

The GF version TEF663xHW/V106 (Cu wire) is for more than 1 year in production and the TSMC version TEF663xHW/V105 for more than 4 years.

The following changes have been applied to the TSMC version:

- ROM code version V106 (compatible to V105 in features, functions and performance)
- Introduction of Cu wire

The actual sourcing is finally at NXP's discretion.

The TEF663xHW/V105 versions are planned to be discontinued in June 2016.

For the TEF663xHW/V106 version, NXP recommends to change over to the V106Z version to benefit from improved supply security and business continuity, although this change-over is not mandatory.

Why do we Implement this Change

1. Support continuous customer deliveries in case of major natural disasters / significant business interruptions
2. To meet customers demand and support future growth by increasing flexibility and capacity
3. Align with world-class technology trends

Identification of Affected Products

Top side marking

1. 3rd line depending on the waferfab source
2. "kSD" : Waferfab TSMC, Taiwan
3. "sSD": Waferfab GF, Singapore

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 29-Apr-2016

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 28-Feb-2016.

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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Changed Orderable Part#
TEF6638HW/V105,557

New Orderable Part#
TEF6638HW/V106ZK