Final Product Change Notification

201307017F01

Issue Date: 03-Aug-2013
Effective Date: 01-Nov-2013

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QUALITY

Management Summary

Qualify Copper Wire as a Wire Bonding Material for SOT223 to replace Gold Wire for Bipolar Products.

Change Category

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

Qualify Copper Wire as a wire bonding material for SOT223 to replace Gold Wire

Details of this Change

Qualify Copper Wire as a Wire Bonding Material for SOT223 to replace Gold Wire for Bipolar Products. Using Copper Wire is a trend in Semiconductors industry.

The marking code will change from month code to week code. That means the marking on the device "WYM" where "W" means the assembly centre APG (Guangdong), "Y" means Year, "M" means Month, will change to "WYWW" where "WW" means Week. It can increase the traceability of the device.

Why do we Implement this Change

The main advantages of Copper Wire are: It has better electrical conductivity and better thermal heat-sinking capabilities than Gold wire.

Change the Datecode from Month to Week is to increase the traceability.

Identification of Affected Products
Datecode

Product Availability

Sample Information
Samples are available upon request

Production
Planned first shipment 01-Nov-2013

Impact

no impact to the product's functionality anticipated.

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 02-Sep-2013.

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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