

Microsemi Corporation

November, 2013

Customer Notification No: CN1305

Subject: Clarification of RoHS Directive 2011/65/EU Status for Standard Devices

Description of Change: Previously it was communicated that Microsemi SoC standard devices (part numbers which do not contain the letter “G” after the package designator) were RoHS compliant using exemption 7(a), which is defined as: “Lead in high melting temperature type solders”. Upon periodic review of RoHS Directive 2011/65/EU, it has been determined that Microsemi SoC standard parts are RoHS compliant using exemption 7(b) instead of exemption 7(a). Exemption 7(b) is defined as: “Lead in solders for servers, storage, and storage array systems, network infrastructure equipment for switching, signaling, transmission, and network management for telecommunications.”

Microsemi’s standard parts are RoHS 5/6 compliant, with exemption 7(b), and do not include the following RoHS banned substances:

1. Mercury and mercury compounds
2. Cadmium and cadmium compounds
3. Hexavalent chromium and hexavalent chromium compounds
4. PBB (polybromobiphenyl)
5. PBDE (polybrominated diphenyl ethers)

Reason for Change: Review of the detailed exemptions list (Annex III) revealed that exemption 7(a) specifies that lead-based alloys (solders) must contain lead 85% or more by weight.

Material Data Sheets (MDS) of Microsemi SoC’s standard parts indicate that the lead percentage in the solder is 40% or less, thus, not meeting the 85% requirement.

Application Impact: Customers requiring RoHS 6/6 compliant product, can order parts by using the “G” nomenclature; these are drop-in replacements. Refer to the parts list attachment by clicking on the paper clip icon in the upper left margin of this document for further details.



Method of Identifying Product: No change to the product. The part number nomenclature remains the same: standard RoHS 5/6 products do not contain a "G" after the package designator; whereas RoHS 6/6 compliant parts contain a "G" after the package designator (Ex: A3P250-FG256 is a standard RoHS 5/6 compliant part, A3P250-FGG256 is a RoHS 6/6 compliant part). See attachment 1 for further detail.

NOTE: Microsemi SoC hermetic devices are not RoHS compliant and their status has not changed.

Parts Affected by this Notification: Please see Attachment to view the affected parts by clicking the paper clip icon in the upper left margin of this document.

Contact Information:

Microsemi SoC Products Group

For any clarifications or questions, please contact Customer Service by email at:
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Regards,

Microsemi Corporation

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