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## RoHS and Pb-free Products from SSC

SSC has designated many of its semiconductor products to be “Pb-free” and these are identified on its website or on the product data sheet by the symbol . To the best of our knowledge, these products conform to the requirements of the European Union’s Restriction on Use of Hazardous Substances (RoHS) directive, 2002/95/EC, and are considered "RoHS-compliant".

When SSC uses the terms "RoHS-compliant", “Lead-free” or “Pb-free”, the products are compliant with current RoHS restrictions for the six substances covered in the above directive, as follows:

|   |                                    |
|---|------------------------------------|
| Lead (Pb)                               | less than 1000ppm / 0.1% by weight |
| Mercury (Hg)                            | less than 1000ppm / 0.1% by weight |
| Cadmium (Cd)                            | less than 100ppm / 0.01% by weight |
| Hexavalent Chromium (Cr <sup>+6</sup> ) | less than 1000ppm / 0.1% by weight |
| Polybrominated Biphenyl (PBB)           | less than 1000ppm / 0.1% by weight |
| Polybrominated Diphenyl Ether (PBDE)    | less than 1000ppm / 0.1% by weight |

Where appropriate, the materials used in the construction of these products and, in particular, the second-layer interface materials are consistent with, and suitable for, use in lead-free board-assembly processes.

As a fabless semiconductor manufacturer, SSC uses third parties for the manufacture of its products, and relies on information provided by those third parties as to the chemical content of the product. SSC takes steps to confirm the validity of such information, but may not have conducted destructive/chemical analysis on all part types. As a result, complete CAS information may not be available for every product identified as RoHS-compliant.

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