



**Certificate Concerning Xilinx Programmable Logic Devices and FPGAs  
Designated as RoHS Compliant (5 of 6)**

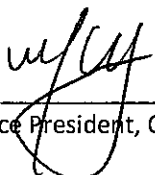
Xilinx, Inc. certifies, that to the best of our knowledge, all devices designated by Xilinx to be RoHS compliant conform to the requirements of 2011/65/EC, Restriction of the use of certain hazardous substances in electrical and electronic equipment (recast). Apart from Pb in certain devices outlined below, these hazardous substances are not contained in any Xilinx standard devices and comply within the limits per table below.

Banned Substance	Maximum Concentration Value (ppm)
Cadmium	100
Mercury	1000
Hexavalent Chromium	1000
Polybrominated Biphenyl (PBB)	1000
Polybrominated Diphenyl Ether (PBDE)*	1000
Bis(2-Ethylhexyl) phthalate (DEHP)	1000
Benzyl butyl phthalate (BBP)	1000
Dibutyl phthalate (DBP)	1000
Diisobutyl phthalate	1000

\*Including Decabromodiphenyl Ether (DecaBDE)

Lead (Pb) is intentionally added only to the following areas within a Xilinx device:

- Lead frame packages
  - Lead as a compound in Tin-Lead (Sn/Pb) lead plating
- Ball Grid Array (BGA) packages
  - Lead as a compound in solder ball composition and paste used for pad finish in the package substrate

  
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WK Wong, Vice President, Corporate Quality

13/4/17  
\_\_\_\_\_  
Date

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