



August 29, 2013

Dear Altera Customers,

As part of Altera's drive to be the preeminent supplier of environmentally friendly programmable logic solutions, we hereby confirm that:

(1) Our devices designated with an "N" suffix do not contain the substances listed in the EU Directive on the Restriction of Hazardous Substances ("ROHS Directive") No. 2011/65/EU above the Maximum Concentration Value . The listed substances are (a) lead (Pb), (b) mercury, (c) cadmium, (d) hexavalent chromium, (e) polybrominated biphenyls (PBB), and (f) polybrominated diphenyl ethers (PBDE).

(2) All of our other devices, except Ceramic and Flip Chip packages, do not contain the substances listed in the ROHS Directive No. 2011/65/EU above the Maximum Concentration Value with respect to (a) mercury, (b) cadmium, (c) hexavalent chromium, (d) polybrominated biphenyls (PBB), and (e) polybrominated diphenyl ethers (PBDE). Lead (Pb) is present in the termination for soldering purposes.

(3) Our Flip Chip packages contain lead (Pb) in the die but are exempted under the EU Directive on the Restriction of Hazardous Substances ("ROHS Directive") No. 2011/65/EU per Exemption #15, which exempts "Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages".

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle Bowers". The signature is fluid and cursive.

Kyle Bowers
Sr. Director, Reliability and Quality Assurance