



Dear Customer

GCT Warranty for Non-Inclusion of Hazardous Substances in products

GCT warrants and guarantees that all of or part of products delivered to your company directly or indirectly by GCT do not contain more than below ppms of Halogen Free Material (Bromine and Chlorine) (collectively, the “Substances”) by the definition of IEC (International Electrotechnical Commission, IEC-61249-2-21) and IPC (Interconnecting and Packaging Electronic, IPC-4101B).

GCT warrants and guarantees that all of or part of products delivered to your company directly or indirectly by GCT do not contain more than below ppms of Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Cadmium (Cd), Lead (Pb), Mercury (Hg), and Hexavalent Chromium (Cr6+), collectively known as the “Substances” by the requirements of the European Union’s Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment, (RoHS), Directive 2002/95/EC.

GCT Herein also guarantees all chemical test reports and related environment control data provided by GCT are without fraud and performed by accredited third party laboratories.

Products as referred to in this Letter of Confirmation mean the products qualified for customer’s use in BGA Type Packages by GCT.

Chemical Substance	Threshold Value
Bromine	< 900 ppm
Chlorine	< 900 ppm
Cadmium and its compounds	<100 ppm
Lead and its compounds	< 1000 ppm
Mercury and its compounds	< 1000 ppm
Hexavalent chromium and its compounds	< 1000 ppm
PBB	< 1000 ppm
PBDE	< 1000 ppm

* Note: Total concentration of Bromine + Chlorine < 1500 ppm

Yours faithfully,

Name of Company : GCT Semiconductor, Inc.
Date : 10th Dec, 2008
Confirmation :

Sang Kyun Shin
QRA Director

Larry Dano
Vice President Product Development