

Model: Server Chassis CG2100
Manufacturer: Kontron America
Note: This declaration applies to all associated product codes noted on Page 2
Lead Free (Pb) Product: Yes
Revision Date: 03/30/2012

Restriction on Hazardous Substances (RoHS) Compliance

RoHS Definition

- Quantity limit of 0.1% by mass (1000PPM) for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE)
- Quantity limit of 0.01% by mass (100 PPM) for: Cadmium

Kontron understands RoHS requires: Lead and other materials banned in the RoHS Directive are either (1) below all applicable substance thresholds as proposed by the EU or (2) an approved/pending exemption applies. (Note: RoHS implementing details may change.)

Exemptions Claimed: RoHS Declaration for applications which are exempt from the requirements of RoHS as cited by the EU Directive, and subsequent amendments.

No.	Exp Date	Exemption	Claimed
1-5		Not applicable to Kontron CG2100 server and spares	N/A
6(a)	none	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% lead by weight.	Yes
6(b)	none	Lead as an alloying element in aluminium containing up to 0.4% lead by weight	Yes
6(c)	none	Copper alloy containing up to 4% lead by weight	Yes
7(a)	none	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead)	Yes
7(b)	none	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission, and network management for telecommunications	No
7(c)-I	none	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectric devices, or in a glass or ceramic matrix compound	Yes
7(c)-II	none	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher	No
7(c)-III	1/1/13	Lead in dielectric ceramic in capacitors for a rated voltage of less than 125 V AC or 250 V DC	No
8(a)	none	Cadmium and its compounds in one shot pellet type thermal cut-offs	No
8(b)	none	Cadmium and its compounds in electrical contacts	No
9		Not applicable to Kontron CG2100 server and spares	N/A
11(a)	expired	Lead used in C-press compliant pin connector systems	No
11(b)	1/1/13	Lead used in other than C-press compliant pin connector systems	No
12	expired	Lead as a coating material for the thermal conduction module C-ring	No
13(a)	none	Lead in white glasses used for optical applications	No
13(b)	none	Cadmium and lead in filter glasses and glasses used for reflectance standards	No
14	expired	Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content of more than 80 % and less than 85 % by weight	No
15	none	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages	No
16-22		Not applicable to Kontron CG2100 server and spares	N/A
23	expired	Lead in finishes of fine pitch components other than connectors with a pitch of 0.65 mm and less	No

24	none	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors	No
25-32		Not applicable to Kontron CG2100 server and spares	N/A
33	none	Lead (Pb) in solders for the soldering of thin copper wires of 100 µm diameter and less in power transformers	No
34	none	Lead (Pb) in cermet-based trimmer potentiometer elements	No
35-40		Not applicable to Kontron CG2100 server and spares	N/A

Where the product is declared to meet RoHS (recast) requirements, it has been verified to be in conformance with 2011/65/EU as we currently understand the requirements. Kontron has systems in place to verify conformance with all applicable environmental requirements and to the best of our knowledge the information is true and correct.

KONTRON ACCEPTS NO DUTY TO UPDATE THIS DECLARATION OR TO NOTIFY USERS OF THIS DECLARATION OF UPDATES OR CHANGES TO THIS DECLARATION. KONTRON SHALL NOT BE LIABLE FOR ANY DAMAGES, DIRECT OR INDIRECT, CONSEQUENTIAL OR OTHERWISE, SUFFERED BY USERS OR THIRD PARTIES AS A RESULT OF THE USERS RELIANCE ON INFORMATION IN THIS DECLARATION THAT HAS BEEN UPDATED OR CHANGED.

Product Code Information

Product Code	Description	*RoHS Exemption #
CG2100A-00	CG2100, AC, BaseModel 0	6(a),6(b),6(c),7(a),7(c)-I
CG2100D-00	CG2100, DC, BaseModel 0	6(a),6(b),6(c),7(a),7(c)-I
NSNSASRAIDQ	NSN2U, SAS HW RAID Module	Complies w/o exemption
NSNSASSATAQ	NSN2U, SAS/SATA Module (non-HW RAID)	Complies w/o exemption
NSNPWRDISBDQ	NSN2U, Power Distribution Board	6(a),6(b),6(c),7(a),7(c)-I
NSNFPIOBDQ	NSN2U, Front Panel IO Board	Complies w/o exemption
NSN2LEDSWITCHBDQ	NSN2U, LED/Switch Board	Complies w/o exemption
CG2100-INTCBLKIT	CG2100, System Interconnect Cable Kit	Complies w/o exemption
CG2100-BEZEL01	CG2100, Bezel (Unpainted), 12-pack	Complies w/o exemption
NSNFANSETQ	NSN2U, Fan Assembly	Complies w/o exemption
NSNBASEBDQ	NSN2U, Baseboard (Urbanna)	6(a),6(b),6(c),7(a),7(c)-I
CG2100-SASBKPLN	CG2100, SAS Backplane	Complies w/o exemption
CG2100-BRIDGEBD	CG2100 , Bridge Board Flex Assembly	Complies w/o exemption
NSNSASHDDCARQ	NSN2U, SAS HDD Carrier	Complies w/o exemption
NSNACPSUQ	NSN2U AC Power Supply	6(a),6(b),6(c),7(a),7(c)-I
NSNDCPSUQ	NSN2U DC Power Supply	6(a),6(b),6(c),7(a),7(c)-I
CG2100-TAMMODULE	CG2100 TAM MODULE	Complies w/o exemption
CG2100-SDMODULE	CG2100 SD FLASH MODULE + Cable	Complies w/o exemption

* RoHS exemption # corresponds with exemption #'s found on page 1