

Certificate of Non-use of RoHS Restricted Substances

We certify that the following products do not contain the RoHS restricted substances above the allowable limit except for the following exemptions.

1. Restricted Substances and allowable limit

Table1 List of RoHS Restricted Substances and allowable limit in homogeneous materials

| RoHS Restrictcd Substances | Allowable limit |
|---------------------------------------|------------------|
| Lead and its compounds | 0.1wt% (1000ppm) |
| Mercury and its compounds | 0.1wt% (1000ppm) |
| Cadmium and its compounds | 0.01wt% (100ppm) |
| Hexavalent Chromium and its compounds | 0.1wt% (1000ppm) |
| Polybrominated biphenyls (PBB) | 0.1wt% (1000ppm) |
| Polybrominated diphenylethers (PBDE) | 0.1wt% (1000ppm) |
| Bis(2-ethylhexyl) phthalate (DEHP) | 0.1wt% (1000ppm) |
| Butyl benzyl phthalate (BBP) | 0.1wt% (1000ppm) |
| Dibutyl phthalate (DBP) | 0.1wt% (1000ppm) |
| Diisobutyl phthalate (DIBP) | 0.1wt% (1000ppm) |

2. Regulation

2011/65/EU and (EU)2015/863

3. Parts and their exemptions

Table2 Parts and their exemptions

| No. | Part Name | Part No. | Dose the part use any exemptions? Yes/No | Exemption No. | Remarks (Exemption Component, Substance, Concentration) |
|-----|---------------------------------------|----------------|---|---------------|--|
| 1 | Voltage Controlled Crystal Oscillator | KV5032G series | No | | |



Akira Hisako
Manager, Application Engineering Section,
Crystal Components Division,
Corporate Electronic Components Group,
KYOCERA Corporation