

Response to EU RoHS Directive and Packaging and Packaging Waste Regulation

To Customer,

RAMXEED LIMITED is actively promoting the development of eco-friendly products and compliance with all relevant related legislation.

We therefore would like to inform you about our RoHS Directive, “the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU (effect as from 3 January 2013)” and “Commission Delegated Directive, EU 2015/863 (effect as from 22 July 2019)” response.

This also includes the statement for EU Packaging and Packaging Waste Regulation (hereinafter called PPWR), “Regulation (EU) 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC”.

Our products do not contain any regulated substances in excess of the maximum concentration value.

The regulated substances and maximum concentrations value under the EU RoHS are as follows:

Substances restricted by EU RoHS	Maximum concentration value (ppm)
Lead (Pb) *1	1,000
Mercury (Hg)	1,000
Cadmium (Cd)	100
Hexavalent chromium (Cr ⁶⁺)	1,000
Polybrominated biphenyls (PBB)	1,000
Polybrominated diphenyl ethers (PBDE)	1,000
Bis (2-ethylhexyl) phthalate (DEHP)	1,000
Butyl benzyl phthalate (BBP)	1,000
Dibutyl phthalate (DBP)	1,000
Diisobutyl phthalate (DIBP)	1,000

Remarks 1: Our applied exemptions in the Annex III of the EU RoHS Directive:

We do not apply any exemptions for our products after 1st August 2016.

(Except the EOL products or long-term-storage products in distributors or sales companies.)

*1: About the lead for “Lead titanium zirconium oxide (PZT)”

Our FeRAM products contain PZT as the intentional addition for our product characteristics in FeRAM capacitor of ferroelectric substance. However, our FeRAM product comply to EU RoHS Directive without using exemption in the Annex III, because we assure that concentration value of lead in chip (homogeneous material) is less than threshold value (<1000ppm).

Remarks 2: Applicable scope of 4 additional substances as phthalates (DEHP/BBP/DBP/DIBP)

[EU 2015/863]: All products which have the date code after 2018 as the production lot.

For more detailed information, please follow the link below:

http://ec.europa.eu/environment/waste/rohs_eee/index_en.htm

Our packaging materials which are used to ship our products do not contain any regulated substances more than the maximum concentration value.

The regulated substances and maximum concentrations value under the EU PPWR are as follows:

Substances restricted by EU PPWR	Maximum concentration value
The sum of the concentrations of Lead (Pb), Mercury (Hg), Cadmium (Cd) and Hexavalent chromium (Cr ⁶⁺) resulting from substances present in packaging or packaging components	100 mg/kg (100 ppm)

For more detailed information, please follow the link below:

<https://eur-lex.europa.eu/eli/reg/2025/40/oj/eng>

Tatsuhiro WATANABE,
Director, Quality Assurance Department
RAMXEED LIMITED

Date 6th July 2026

Signature Tatsuhiro Watanabe