

## Response to EU RoHS Directive

Dear Customer,

Fujitsu Semiconductor 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 \*1 (effect as from January 3, 2013) response below.

\*1 RoHS Directive: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU

Fujitsu Semiconductor products do not contain any regulated substances in excess of the maximum permitted concentrations except for the exemption listed in the Annex III of the EU RoHS Directive.

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

Substances restricted by EU RoHS	Maximum concentration value (ppm)	
Lead (Pb) *2	1,000	
Mercury (Hg)	1,000	
Cadmium (Cd)	100	
Hexavalent chromium (Cr <sup>6+</sup> )	1,000	
Polybrominated biphenyls (PBB)	1,000	
Polybrominated diphenyl ethers (PBDE)	1,000	

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

We do not apply any exemptions for our shipping products at 1st August, 2016. (Except the EOL products [including EOL declaration products] or long-term-storage products in distributors or sales companies.)

## \*2 About Lead titanium zirconium oxide (PZT)

Our FRAM products contain PZT as the intentional addition for our product characteristics in FRAM capacitor of ferroelectric substance. However our FRAM product comply to EU RoHS Directive without using exemption of 7(c)-IV in the Annex III, because we confirm that concentration value in chip (homogeneous material) is less than threshold value (<1000ppm).

For more detailed information, please follow the link below:

http://ec.europa.eu/environment/waste/rohs eee/index en.htm

Hideki YAMADA, Director, Quality Assurance Department Fujitsu Semiconductor Limited

Date 1	st August 2016		
Signature		Yamada	