



TO : WIN SEMICONDUCTORS CORP.

**Undertaking Related to Hazardous Substances Contained in Supplied Products**

We, [Please type Vendor's Corporate Name], hereby acknowledge and undertake as follows:

- (a) Content of the of Hazardous Substance in any of the products that we will deliver to **WIN SEMICONDUCTORS CORP.** ("WIN") (including but without limitation, finished products, semi-finished products, components and raw material, hereinafter "Products") does not exceed each of the maximum threshold values described in the table below (hereinafter "Threshold Value"), or
- (b) Products do not contain any of the hazardous substances listed in the table below in order to meet performance or specifications of the Products.
- (c) Upon request of WIN's customer, provide an appropriate test report for Products. We agree to indemnify and hold WIN harmless against any liability, loss and/or damages claimed by a third party due to our violation of the undertaking stated above.

Company Name :

Address :

Representative :

Title/Department :

Signature :

Date :

P.S : Please communicate the mandatory requirement of providing "Hazardous substance free material" you're your suppliers and request your suppliers for HSF management system implementation.

**List of Banned or Restricted Substances in Product**

Item	Material / Substance	Threshold Level	Source
1	Cadmium/Cadmium compounds	50 ppm	WIN Specification
	Mercury / Mercury compounds	100 ppm	WIN Specification
	Hexavalent Chromium	500 ppm	WIN Specification
	Lead / Lead compounds, Polybrominated Biphenyls (PBBs), Polybrominated Diphenylethers (PBDEs), Di-(2-ethylhexyl) Phthalate (DEHP), Butyl Benzyl Phalate (BBP), Dibutyl Phalate (DBP), Di-isobutyl Phthalate (DIBP)	1,000ppm	RoHS
2	Chlorine(Cl)	900ppm	IEC 61249-2-21
	Bromine(Br)		
	Total Halogens(Cl + Br)	1500ppm	
3	REACH Candidate List of Substances of Very High Concern (SVHC) for Authorization.	0.1% (weight by weight)	REACH
4	The types of material/substance following the rules of the latest SONY-SS00259	Threshold value must follow the rules of the latest SONY-SS00259	SONY-SS00259
5	Perfluorooctane sulfonates (PFOS) 、 Perfluorooctanoic acid(PFOA)	Intentionally added	(EU) 757/2010, SONY-SS00259
6	Antimony (Sb) and its compounds	1,000ppm	WIN Specification
7	Beryllium (Be) and its compounds	1,000ppm	WIN Specification



**List of Reportable Substances in Products**

Item	Material / Substance	Threshold Level	Source
1	Bisphenol A	Report use of substance	WIN Specification
2	Cobalt (Co) and its alloys and compounds	0.1% (weight by weight)	REACH
3	Disphenylamine, Substituted (SDPA)	Report use of substance	Canadian Environmental Protection Act, 1999
4	Nanomaterials	Report use of substance	France Decree No.2012-232
5	n-Propyl Bromide (nPB)/1-Bromopropane	Report use of substance	WIN Specification
6	Radioactive Substance	Report use of substance	Japanese Laws for the Regulation of Nuclear Source Material, Nuclear Fuel Material, and Reactors, 1986

**List of Banned or Restricted Substances in Packaging**

Item	Material / Substance	Threshold Level	Source
1	Cadmium, Hexavalent Chromium, Lead, Mercury and their Compounds	100ppm: Cd+Cr(VI)+Pb+Hg cumulative (Ink & paint included)	94/62/EC
2	REACH Candidate List of Substances of Very High Concern (SVHC) for Authorization	0.1% (weight by weight)	REACH