



RoHS and Environmental Substance Report

This report applies to Part Number: **CX25878-13Z**

Package Type: HQFP	PB Free: <input checked="" type="checkbox"/>
Supplier Name: ASE	RoHS Compliant: <input checked="" type="checkbox"/>
Lead or Ball Count: 128	MSL Level: 3
Package Dimension (mm): 14 X 20	Mold Compound: Sumitomo G700A
Package Height (mm):	Lead Finish or Ball Material: 100% Matte Sn
Package Weight (mg): 1620	Max Solder Temp (°C): 225

Substance Group	Breakdown Substance(s)	CAS #	Content in Part (N.D. = Not Detected)		Purpose in Part	Used in Manufacture Purpose / Use
			mg	ppm		
Cadmium and Cadmium Compounds			0	N.D.		
Hexavalent Chromium Compounds			0	N.D.		
Lead and Lead Compounds			0	N.D.		
Mercury and Mercury Compounds			0	N.D.		
Polybrominated Biphenyls (PBBs)			0	N.D.		
Polybrominated Diphenyls Ethers (PBDEs)			0	N.D.		
Tributyl Tin Oxide (TBTO)			0	N.D.		
Polychlorinated Biphenyls (PCBs)			0	N.D.		
Polychloronaphthalenes (Cl>=3)			0	N.D.		
Short Chain Chlorinated Paraffins (C10-13)			0	N.D.		
Asbestos			0	N.D.		
Azo Colorants			0	N.D.		
Ozone Depleting Substances			0	N.D.		
Radioactive Substances			0	N.D.		
Antimony and Antimony Compounds			0	N.D.		
Arsenic and Arsenic Compounds			0	N.D.		
Beryllium and Beryllium Compounds			0	N.D.		
Bismuth and Bismuth Compounds			0	N.D.		
Nickel and Nickel Compounds	Ni	7440-02-0	8.120	5,015	Lead frame	

Substance Group	Breakdown Substance(s)	CAS #	Content in Part (N.D. = Not Detected)		Purpose in Part	Used in Manufacture Purpose / Use
			mg	ppm		
Selenium and Selenium Compounds			0	N.D.		
Magnesium	Mg	7439-95-4	0.410	251	Lead frame	
Vinyl Chloride Polymer (PVC)			0	N.D.		
Brominated Flame Retardants			0	N.D.		
Phthalates			0	N.D.		
Copper and Copper Compounds	Cu	7440-50-8	260.510	160,808	Lead frame	
Gold and Gold Compounds	Au	7440-57-5	4.800	2,963	Bond wire	
Palladium and Palladium Compounds			0	N.D.		
Silver and Silver Compounds	Ag	7440-22-4	4.200	2,593	Die attach	
Tin	Sn	7440-31-5	31.500	19,444	Solder plate	
Other Hazardous or Banned Substances			0	N.D.		
Pesticides			0	N.D.		

This information was prepared by:

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Conexant Systems, Inc. supports the worldwide Pb-free, RoHS and WEEE environmental initiatives. Conexant conforms to industry standard practices wherever practical. The terms and definitions used in this report conform to Conexant's internal specification DO-412033-PR: Terms and Definitions for Environmental Substances. Conexant requires our suppliers to achieve and maintain substances to defined levels as specified in DO-412033-PR and DO-408146-PR: Quality System Requirements for Assembly Suppliers. These specifications require that our suppliers certify the conformance to our standards as well as provide 3rd party substance analysis validating their certification. To the best of our knowledge, the information contained within this document is accurate and true. Only substances relevant to integrated circuit manufacturing are included in this document. Information contained in this report or its attachments does not amend or alter Conexant's product warranty or its terms and conditions of sale.