Compliant with IEC 62474/ D9.00 Compliant to IEC 61249-2-21:2003

MICROCHIP  Semiconductor Device Type: SL (D3X) 014 SOIC .150in.(3.90mm) Matte Tin			Termination Base Alloy: Copper Alloy (Cu)			Package Homogeneous Materials: 8.1 Electronics (e.g. pc boards, displays)				JEDEC 97 Product Marking and/or Pkg. Labeling e3
Basic Substance	CAS Number	"Contained In" Sub-Component	% Total Weight	mg/part	ppm	114.27	(mg) Total	Mold Compound	% ot Total Weight	nt 79.8
Silica, vitreous	60676-86-0	Mold Compound	69.354	99.315	693,542		Silica, vitreous	60676-86-0	86.91	
Epoxy Resin	Trade Secret	Mold Compound	6.121	8.765	61,207		Epoxy Resin	Trade Secret	7.67	
Phenolic Resin	Trade Secret	Mold Compound	4.078	5.839	40,778		Phenolic Resin	Trade Secret	5.11	
Carbon Black	1333-86-4	Mold Compound	0.247	0.354	2,474		Carbon Black	1333-86-4	0.31	
Copper	7440-50-8	Lead Frame	10.031	14.365	100,314			Total		
Iron	7439-89-6	Lead Frame	0.247	0.353	2,468	15.04	(mg) Total	Lead Frame	% of Total Weight	10.5
Silver	7440-22-4	Lead Frame	0.200	0.286	2,000		Copper	7440-50-8	95.54	
Zinc	7440-66-6	Lead Frame	0.013	0.019	131		Iron	7439-89-6	2.35	
Phosphorous	7723-14-0	Lead Frame	0.009	0.012	87		Silver	7440-22-4	1.91	
Silver (Ag)	7440-22-4	Die Attach	0.563	0.806	5,625		Zinc	7440-66-6	0.13	
Modified Epoxy Resin	13561-08-5	Die Attach	0.105	0.150	1,050		Phosphorous	7723-14-0	0.08	
Diglycidylether of bisphenol-F	54208-63-8	Die Attach	0.056	0.081	563			Total		
Modified Amine	827-43-0	Die Attach	0.026	0.038	263	1.07	(mg) Total	Die Attach	% of Total Weight	0.75
Silicon	7440-21-3	Chip (Die)	7.500	10.740	75,000		Silver (Ag)	7440-22-4	75.00	
Doped Gold	7440-57-5	Wire Bond	0.200	0.286	2,000		Modified Epoxy Resin	13561-08-5	14.00	
Tin	7440-31-5	Plating on external leads (pins) - Matte Tin / annealed at 150°C for 1 hour	1.250	1.790	12,500		iglycidylether of bisphenol-F	54208-63-8	7.50	
		TOTALS:	100.000	143.200	1,000,000		Modified Amine	827-43-0	3.50	
									100.00	
semiconductor device and its homogenous materials cor ) and 2002/53/EC (End-of-Life Vehicles (ELV) without exer	mply with EU Directives:	g Total Mass 2002/95/EC (27 January 2003) & Directive 2011/65/EU (08 July 2004)	une 2011) and	I 2015/863/EU	(31 March	10.74	(mg) Total	Total Chip (Die)	% of Total Weight	7.5
) and 2002/53/EC (End-of-Life Vehicles (ELV) without exer pliance with the above EU Directives has been verified vi	mply with EU Directives: mption (zero) a internal design controls	2002/95/EC (27 January 2003) & Directive 2011/65/EU (08 Ju				10.74	(mg) Total  Doped Silicon			7.5
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