Compliant with IEC 62474/ D9.00

MICROCHIP Semiconductor Device Type: EB (F4X) 003 DDPAK 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
		"Contained In"	% Total	I	. +			т т		
Basic Substance	CAS Number	Sub-Component	Weight	mg/part	ppm	544.12	(mg) Total	Mold Compound	% ot Total Weight	39.21
Fused Silica	60676-86-0	Mold Compound	34.505	478.823	345,048		Fused Silica	60676-86-0	88.00	
Epoxy Resin 1	Trade Secret	Mold Compound	1.274	17.684	12,743		Epoxy Resin 1	Trade Secret	3.25	
Epoxy Resin 2	Trade Secret	Mold Compound	1.176	16.324	11,763		Epoxy Resin 2	Trade Secret	3.00	
Phenol Resin	Trade Secret	Mold Compound	1.764	24.485	17,645		Phenol Resin	Trade Secret	4.50	
Carbon Black	1333-86-4	Mold Compound	0.098	1.360	980		Carbon Black	1333-86-4	0.25	
Undeclared	Trade Secret	Mold Compound	0.392	5.441	3,921		Undeclared	Trade Secret	1.00	
Copper	7440-50-8	Lead Frame	58.494	811.716	584,936			Total		
Tin	7440-31-5	Lead Frame	0.099	1.368	986	828.87	(mg) Total	Lead Frame	% of Total Weight	59.73
Silver Silver (Aa)	7440-22-4 7440-22-4	Lead Frame	1.138 0.086	15.790 1.198	11,379 864		Copper	7440-50-8	97.93	
Proprietary Resin	Trade Secret	Die Attach Die Attach	0.020	0.282	204		Tin Silver	7440-31-5 7440-22-4	0.17 1.91	
Proprietary Curing agent & Hardener	Trade Secret	Die Attach	0.020	0.046	33		Silvei	7440-22-4 Total		
Silicon	7440-21-3	Chip (Die)	0.003	3.747	2,700	1.53	(mg) Total	Die Attach	% of Total Weight	0.11
Gold	7440-21-3	Wire Bond	0.270	0.971	700	1.53	Silver (Ag)	7440-22-4		0.11
Tin	7440-31-5	Plating on external leads (pins) - Matte Tin / annealed at 150°C for 1 hour	0.610	8.465	6.100		Proprietary Resin	Trade Secret	78.50 18.50	
(111)	7440-31-3	TOTALS:	100.000	1,387.700	1,000,000	Propriets	ary Curing agent & Hardener		3.00	
				.,00100	.,000,000	1 Topricie	ary curing agent a mandener	Total	100.00	
omicandustas device and its homeoness metasisle comply		g Total Mass	luma 2011) am	-1 204 E/062/EI	I /24 March			1014		
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and 2002/53/EC (End-of-Life Vehicles (ELV) without exemption pliance with the above EU Directives has been verified via interr hemical substance is absent from the list above, the chemical si porated's knowledge and belief as of the date of this document, is not below the threshold of regulatory concern for any regulate ing compounds used by Microchip meet the UL94 V0 flammabile	ith EU Directives (zero) nal design contro ubstance is NOT , there is no cred ory scheme worl ity standard for p	2002/95/EC (27 January 2003) & Directive 2011/65/EU (08 Ils, supplier declarations, and /or analytical test data. an intentional ingredient in the semiconductor device and, ible reason to believe that the unavoidable impurity concen d-wide.	to the best of tration of the	Microchip Tec chemical subs	chnology	3.75		Chip (Die) 7440-21-3	% of Total Weight	
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