Compliant with IEC 62474/ D9.00

Semiconductor Devic	(T5X) 032 TQFP 7x7x1mm 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	% lotal Weight	mg/part	ppm	269.96	(mg) Total	Mold Compound	% ot Total Weight	79.8
Silica, vitreous (or fused)	60676-86-0	Mold Compound	67.830	229.469	678.300		Silica, vitreous (or fused)	60676-86-0	85.00	
Epoxy Resin	Trade Secret	Mold Compound	6.943	23.487	69,426		Epoxy Resin	Trade Secret	8.70	
Phenolic Resin	Trade Secret	Mold Compound	4.788	16.198	47.880		Phenolic Resin	Trade Secret	6.00	
Carbon Black	1333-86-4	Mold Compound	0.239	0.810	2,394		Carbon Black	1333-86-4	0.30	
Copper	7440-50-8	Lead Frame	10,229	34.603	102,286		Carbon Black	Total	100.00	
Tin	7440-31-5	Lead Frame	0.026	0.089	263	35.52	(mg) Total	Lead Frame	% of Total Weight	10.5
Silver	7440-22-4	Lead Frame	0.200	0.677	2.000	55.52	Copper	7440-50-8	97.42	10.0
Zinc	7440-66-6	Lead Frame	0.019	0.064	189		Tin	7440-31-5	0.25	
Chromium	7440-47-3	Lead Frame	0.026	0.089	263		Silver	7440-22-4	1.91	
Silver (Ag)	7440-22-4	Die Attach	0.623	2.106	6.225		Zinc	7440-66-6	0.18	
ANHYDRIDE	Trade Secret	Die Attach	0.068	0.228	675		Chromium	7440-47-3	0.25	
EPOXY RESIN	Trade Secret	Die Attach	0.060	0.203	600			Total	100.00	
Silicon	7440-21-3	Chip (Die)	7.500	25.373	75,000	2.54	(mg) Total	Die Attach	% of Total Weight	0.75
Gold	7440-57-5	Wire Bond	0.200	0.677	2.000	2.04	Silver (Ag)	7440-22-4	83.00	0.75
Tin	7440-31-5	Plating on external leads (pins) - Matte Tin / annealed at 150°C for 1 hour	1,250	4.229	12.500		ANHYDRIDE	Trade Secret	9.00	
	7110010	TOTALS:		338.300	1.000.000		EPOXY RESIN	Trade Secret	8.00	
	0.2202	g Total Mass			.,,		El OXI ILEONI	Total		
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) and 2002/53/EC (End-of-Life Vehicles (ELV) without e pliance with the above EU Directives has been verified themical substance is absent from the list above, the c	exemption (zero) d via internal design contro chemical substance is NOT document, there is no cred	ils, supplier declarations, and /or analytical test data. an intentional ingredient in the semiconductor device and ible reason to believe that the unavoidable impurity conce	d, to the best of	Microchip Teo	chnology	25.37	,	,	-	7.5
) and 2002/53/EC (End-of-Life Vehicles (ELV) without e pliance with the above EU Directives has been verified themical substance is absent from the list above, the of porated's knowledge and belief as of the date of this is not below the threshold of regulatory concern for a	exemption (zero) I via internal design contro chemical substance is NOT document, there is no cred ny regulatory scheme worl flammability standard for p	ils, supplier declarations, and /or analytical test data. an intentional ingredient in the semiconductor device and ible reason to believe that the unavoidable impurity conce	d, to the best of	Microchip Teo chemical subs	chnology	0.68	,	7440-21-3	100.00	0.2
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