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

MICROCHIP Semiconductor Device Type: 3BX 008 SOIC390(150in) NiPdAu			Termination Base Alloy: Copper Alloy (Cu)			Package Homogeneous Materials: 8.1 Electronics (e.g. pc boards, displays)				J-STD-609A Product Marking and/or Pkg. Labeling e4
Centiconductor Bevice Typ	JC. ODA OO	"Contained In"	% Total	1	1			1		
Basic Substance	CAS Number	Sub-Component	Weight	mg/part	ppm	45.00	(mg) Total	Mold Compound	% ot Total Weight	60.00
Silica, vitreous	60676-86-0	Mold Compound	51.000	38.250	510,000		Silica, vitreous	60676-86-0	85.00	
Epoxy Resin	Trade Secret	Mold Compound	3.675	2.756	36,750		Epoxy Resin	Trade Secret	6.13	
Phenolic Resin	Trade Secret	Mold Compound	3.675	2.756	36,750		Phenolic Resin	Trade Secret	6.13	
Epoxy, Cresol Novolac	29690-82-2	Mold Compound	1.470	1.103	14,700		Epoxy, Cresol Novolac	29690-82-2	2.45	
Carbon Black	1333-86-4	Mold Compound	0.180	0.135	1,800		Carbon Black	1333-86-4	0.30	
Copper	7440-50-8	Lead Frame	31.930	23.947	319,296			Total	100.00	
Iron	7439-89-6	Lead Frame	0.048	0.036	480	24.00	(mg) Total	Lead Frame	% of Total Weight	32.00
Phosphorous	7723-14-0	Lead Frame	0.013	0.010	128		Copper	7440-50-8	99.78	
Zinc (Metal)	7440-66-6	Lead Frame	0.010	0.007	96		Iron	7439-89-6	0.15	
Silver	7440-22-4	Die Attach	0.062	0.046	616		Phosphorous	7723-14-0	0.04	
Epoxy resin	68475-94-5	Die Attach	0.016	0.012	160		Zinc (Metal)	7440-66-6	0.03	
Copper(II) oxide	1317-38-0	Die Attach	0.002	0.002	24			Total	100.00	
Silicon	7440-21-3	Chip (Die)	4.820	3.615	48,200	0.06	(mg) Total	Die Attach	% of Total Weight	0.08
Gold	7440-57-5	Wire Bond	0.100	0.075	1,000		Silver	7440-22-4	77.00	
Nickel	7440-02-0	Plating on external leads (pins)	2.835	2.126	28,350		Epoxy resin	68475-94-5	20.00	
		Plating on external leads (pins)	0.150	0.113	1,500		Copper(II) oxide	1317-38-0	3.00	
Palladium	7440-05-3	3 (1)								
	7440-05-3 7440-57-5	Plating on external leads (pins)	0.015	0.011	150			Total	100.00	
Palladium		3 (1)	0.015	0.011 75.000	150 1,000,000	3.62	Total (mg)	Total Chip (Die)	100.00 % of Total Weight	4.82
Palladium Gold miconductor device and its homogenous 15/863/EU (31 March 2015) and 2002/53/EC	0.0750 g materials comply with E (End-of-Life Vehicles (I	Plating on external leads (pins) TOTALS: Total Mass EU Directives: 2002/95/EC (27 January 2003)	0.015 100.000 & Directive 20	75.000 11/65/EU (08	1,000,000	3.62	Total (mg) Doped Silicon (mg) Total			4.82 0.10
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Au 13:26 : 10/27/16