Compliant with IEC 62474/ D9.00

Semiconductor Device Type	звх	008 SOIC 3.90mm(.150in) NiPdAu Plastic Gull Wing Small Outline	Termination Base Alloy: Copper Alloy (Cu)			Package Homogeneous Materials				J-STD-609A Product Marking and/or Pkg. Labeling e4
Paris Outstand	040 N	"Contained In"	% Total			52.54	(mg) Total	Mold Compound	% ot Total Weight	70.05
Basic Substance	CAS Number	Sub-Component	Weight	mg/part	ppm			· ·	=	
Silica, vitreous (or fused)  Epoxy Resin	60676-86-0 Trade Secret	Mold Compound  Mold Compound	59.543 6.094	44.657 4.571	595,425 60.944		Silica, vitreous (or fused)	60676-86-0	85.00 8.70	
Phenolic Resin	Trade Secret	Mold Compound	4.203	3.152	42.030		Epoxy Resin Phenolic Resin	Trade Secret Trade Secret	6.00	
Carbon Black	1333-86-4	Mold Compound	0.210	0.158	2,102		Carbon Black	1333-86-4	0.30	
Copper	7440-50-8	Lead Frame	26.841	20.131	268.408		Garbon Black	Total	100.00	l
Iron	7439-89-6	Lead Frame	0.040	0.030	404	20.18	(mg) Total	Lead Frame	% of Total Weight	26.90
Phosphorous	7723-14-0	Lead Frame	0.011	0.008	108	20.10	Copper	7440-50-8	99.78	20.30
Zinc (Metal)	7440-66-6	Lead Frame	0.008	0.006	81		Iron	7439-89-6	0.15	
Silver	7440-22-4	Die Attach	0.077	0.058	770		Phosphorous	7723-14-0	0.04	
Epoxy resin	68475-94-5	Die Attach	0.020	0.015	200		Zinc (Metal)	7440-66-6	0.03	
Copper(II) oxide	1317-38-0	Die Attach	0.003	0.002	30			Total	100.00	l
Silicon	7440-21-3	Chip (Die)	0.950	0.713	9.500	0.08	(mg) Total	Die Attach	% of Total Weight	0.10
Copper (Cu)	7440-50-8	Wire Bond	0.488	0.366	4.875		Silver	7440-22-4	77.00	****
Palladium (Pd)	7440-05-3	Wire Bond	0.012	0.009	115		Epoxy resin	68475-94-5	20.00	
Gold (Au)	7440-57-5	Wire Bond	0.001	0.001	10		Copper(II) oxide	1317-38-0	3.00	
Nickle (Ni)	7440-02-0	Plating on external leads (pins)	1.391	1.043	13,905		Coppor(ii) Galdo	Total	100.00	1
Palladium (Pd)	7440-05-3	Plating on external leads (pins)	0.098	0.073	975	0.71	Total (mg)	Chip (Die)	% of Total Weight	0.95
						· · · ·			70 or rotal troigite	0.00
( )				0.009	120		Doned Silicon	7440-21-3	100	
Gold (Au)	7440-57-5	Plating on external leads (pins)	0.012	0.009	120		Doped Silicon	7440-21-3	100	
( )	7440-57-5  0.0750 th EU Directives: 2	Plating on external leads (pins)  TOTAL  g Total Mass 002/95/EC (27 January 2003) & Directive 2011/65/EU (08	0.012 S: 100.000	75.000	1,000,000	0.38	Doped Silicon  (mg) Total  Copper (Cu)	7440-21-3 Total Wire Bond 7440-50-8	100 100.00 % of Total Weight 97.50	0.50
Gold (Âu)  semiconductor device and its homogenous materials comply will and 2000/53/EC and 2016/774/EU (End-of-Life Vehicles (ELV) will pliance with the above EU Directives has been verified via internitemental substance is absent from the list above, the chemical substance	7440-57-5  0.0750 th EU Directives: 2 hout exemption (2 al design controls bstance is NOT ar	Plating on external leads (pins)  TOTAL  g Total Mass 002/95/EC (27 January 2003) & Directive 2011/65/EU (08 ero) supplier declarations, and /or analytical test data. intentional ingredient in the semiconductor device and,	0.012 S: 100.000 June 2011) and 20 o the best of Mici	75.000 015/863/EU (31 rochip Techno	1,000,000 March	0.38	(mg) Total  Copper (Cu)  Palladium (Pd)	Total Wire Bond 7440-50-8 7440-05-3	97.50 2.30	0.50
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