

Product / Package Information

Package	SOIC_IC
Body Size	300_MIL
Lead Count	16
Terminal Finish	100Sn

Environmental Information

RoHS Compliant	Yes
High Temperature Compliant	
Halogen Free Compliant	Yes
REACH SVHC Compliant	Yes

Materials Declaration

Mold Compound							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Thermosets	Epoxy Resin	85954-11-6	4.98E-02	10.89	108900	7.43	74298
Other inorganic materials	Fused Silica	60676-96-0	4.07E-01	88.86	888600	60.63	606256
Other organic materials	Carbon Black	1333-86-4	1.14E-03	0.25	2500	0.17	1706
Subtotal			4.58E-01	100.00	1000000	68.23	682259

Lead Frame							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metals	Copper	7440-50-8	2.05E-01	97.20	972000	30.52	305195
Precious Metals	Iron	7439-89-6	4.36E-03	2.07	20700	0.65	6500
Other inorganic materials	Phosphorous	7723-14-0	6.32E-05	0.03	300	0.01	94
Precious Metals	Silver	7440-22-4	1.33E-03	0.63	6300	0.20	1978
Other inorganic materials	Zinc	7440-66-6	1.47E-04	0.07	700	0.02	220
Subtotal			2.11E-01	100.00	1000000	31.40	313987

Die (1, 2)							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Doped Silicon	7440-21-3	6.63E-04	100.00	1000000	0.10	989
Subtotal			6.63E-04	100.00	1000000	0.10	989

Die Attach							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Thermosets	Epoxy Resin	85954-11-6	2.42E-05	18.00	180000	0.00	36
Precious Metals	Silver	7440-22-4	1.10E-04	82.00	820000	0.02	164
Subtotal			1.34E-04	100.00	1000000	0.02	200

Wire							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metals	Gold	7440-57-5	3.23E-04	100.00	1000000	0.05	482
Subtotal			3.23E-04	100.00	1000000	0.05	482

Plating							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	1.40E-03	100.00	1000000	0.21	2083
Subtotal			1.40E-03	100.00	1000000	0.21	2083

				Weight (g)				Percentage (%)	PPM
Package Totals				6.71E-01				100.00	1000000

Control ID: MS011064PKG4550
Note: The information provided in this declaration are true to the best of ADI's knowledge.
ADI derived most of the information listed in this declaration from documents provided by third parties, and assumes no liability to any inaccuracy of such information.



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