

Product / Package Information

Package	MSOP
Body Size	
Lead Count	8
Terminal Finish	100 Sn
MS Number	

Environmental Compliance Information

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

Materials Declaration

Molding Compound

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Silica	60676-86-0	1.10 E-02	86.91	869100	43.90	438953
Thermosets	Epoxy & Phenol Resin	Proprietary	1.62 E-03	12.78	127800	6.45	64548
Other inorganic materials	Carbon black	1333-86-4	3.93 E-05	0.31	3100	0.16	1566
Subtotal			1.27 E-02	100	1000000	50.51	505067

Leadframe

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	9.74 E-03	97.57	975706	38.80	387990
Copper & its alloys	Iron	7439-89-6	2.27 E-04	2.28	22789	0.91	9062
Copper & its alloys	Zinc	7440-66-6	1.26 E-05	0.13	1263	0.05	502
Copper & its alloys	Phosphorus	7723-14-0	2.42 E-06	0.02	242	0.01	96
Subtotal			9.98 E-03	100.00	1000000	39.77	397650

Internal Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	1.01 E-04	100.0	1000000	0.40	4017

External Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	6.54 E-04	100.0	1000000	2.61	26057

Bond Wires

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Gold	7440-57-5	3.09 E-04	99.99	1000000	1.23	12328

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Gallium Arsenide	1303-00-0	9.98 E-04	100.0	1000000	3.98	39769

Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	3.53 E-04	93.00	930000	1.41	14054
Other organic materials	Gamma Butyrolactone	96-48-0	2.66 E-05	7.00	70000	0.11	1058
Subtotal			3.79 E-04	100	1000000	1.51	15112

Package Totals			Weight (g) 2.51 E-02			Percentage (%) 100.00	PPM 1000000
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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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