

**Product / Package Information**

Package	LFCSP
Body Size (mm)	2 X 2
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	2.07E-03	93.70	937000	27.61		276138
Thermosets	Epoxy Resin	Proprietary	6.63E-05	3.00	30000	0.88		8841
Thermosets	Phenol Resin	Proprietary	6.63E-05	3.00	30000	0.88		8841
Other inorganic materials	Carbon Black	1333-86-4	6.63E-06	0.30	3000	0.09		884
Subtotal			2.21 E-03	100.00	1000000	29.47		294705

**Leadframe**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Copper & its alloys	Copper	7440-50-8	4.65 E-03	97.50	975000	62.03		620318
Copper & its alloys	Iron	7439-89-6	1.12 E-04	2.35	23500	1.50		14951
Copper & its alloys	Zinc	7440-66-6	5.73 E-06	0.12	1200	0.08		763
Copper & its alloys	Phosphorus	7723-14-0	1.43 E-06	0.03	300	0.02		191
Subtotal			4.77 E-03	100.00	1000000	63.62		636224

**Internal Leadframe Plating**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Silver	7440-22-4	1.38 E-04	100.0	1000000	1.84		18419

**External Leadframe Plating**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Tin & its alloys	Tin	7440-31-5	1.44 E-04	100.0	1000000	1.92		19186

**Bond Wires**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Gold	7440-57-5	2.30 E-05	100.0	1000000	0.31		3070

**Chip**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Other inorganic materials	Gallium Arsenide	1303-00-0	1.21 E-04	100.0	1000000	1.61		16117

**Die Attach**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Silver	7440-22-4	7.41 E-05	80.50	805000	0.99		9885
Other organic materials	Carbocyclic Acrylates	Proprietary	9.21 E-06	10.00	100000	0.12		1228
Other organic materials	Bismaleimide resin	Proprietary	2.76 E-06	3.00	30000	0.04		368
Other organic materials	2-preponoic acid, 2-methyl	68586-19-6	2.76 E-06	3.00	30000	0.04		368
Others	Additive	Proprietary	2.76 E-06	3.00	30000	0.04		368
Other organic materials	Dicumyl peroxide	80-43-3	4.60 E-07	0.50	5000	0.01		61
Subtotal			9.21 E-05	100.00	1000000	1.23		12279

<b>Package Totals</b>			<b>Weight (g)</b> 7.50 E-03			<b>Percentage (%)</b> 100		<b>PPM</b> 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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