

**Product / Package Information**

Package	LFCSP
Body Size (mm)	3 X 3
Lead Count	16
Terminal Finish	100 Sn
MS Number	

**Environmental 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	7.22E-03	86.91	869100	35.55		355543
Thermosets	Epoxy & Phenol Resin	Proprietary	1.06E-03	12.78	127800	5.23		52282
Other inorganic materials	Carbon black	1333-86-4	2.57E-05	0.31	3100	0.13		1268
Subtotal			8.30E-03	100.00	1000000	40.91		409094

**Leadframe**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Copper & its alloys	Copper	7440-50-8	9.61 E-03	96.40	963989	47.32		473234
Copper & its alloys	Iron	7439-89-6	2.49 E-04	2.50	25006	1.23		12276
Copper & its alloys	Zinc	7440-66-6	5.98 E-05	0.60	6004	0.29		2947
Copper & its alloys	Phosphorus	7723-14-0	4.98 E-05	0.50	5001	0.25		2455
Subtotal			9.97 E-03	100.00	1000000	49.09		490912

**Internal Leadframe Plating**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Silver	7440-22-4	2.49 E-05	100.0	1000000	0.12		1227

**External Leadframe Plating**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Tin & its alloys	Tin	7440-31-5	4.75 E-04	100.0	1000000	2.34		23377

**Bond Wires**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Gold	7440-57-5	4.75 E-05	100.0	1000000	0.23		2338

**Chip**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Other inorganic materials	Doped Silicon	7440-21-3	1.42 E-03	100.0	1000000	7.01		70130

**Die Attach**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Silver	7440-22-4	4.57 E-05	77.00	770000	0.23		2250
Other organic materials	Acrylic resin	Proprietary	4.15 E-06	7.00	70000	0.02		205
Other organic materials	Acrylate	Proprietary	3.26 E-06	5.50	55000	0.02		161
Other organic materials	Polybutadiene derivative	Proprietary	2.67 E-06	4.50	45000	0.01		131
Other organic materials	Epoxy resin	Proprietary	1.48 E-06	2.50	25000	0.01		73
Other organic materials	Butadiene Copolymer	Proprietary	8.90 E-07	1.50	15000	0.00		44
Others	Additive	Proprietary	8.90 E-07	1.50	15000	0.00		44
Others	Peroxide	Proprietary	2.97 E-07	0.50	5000	0.00		15
Subtotal			5.93 E-05	100.0	1000000	0.29		2922

<b>Package Totals</b>	<b>Weight (g)</b>	<b>2.03 E-02</b>	<b>Percentage (%)</b>	<b>100</b>	<b>PPM</b>	<b>1000000</b>
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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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