

Product / Package Information

Package	LFCSP - Sawn
Body Size (mm)	4 X 4 X 0.85
Lead Count	24
Terminal Finish	100 Sn
MS Number	MS012329B

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	1.66E-02	93.70	937000	48.80		485963
Thermosets	Epoxy Resin	Proprietary	5.30E-04	3.00	30000	1.56		15559
Thermosets	Phenol Resin	Proprietary	5.30E-04	3.00	30000	1.56		15559
Other inorganic materials	Carbon Black	1333-86-4	5.30E-05	0.30	3000	0.16		1556
Subtotal			1.77 E-02	100.00	1000000	51.86		518637

Leadframe

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Copper & its alloys	Copper	7440-50-8	1.26 E-02	96.40	963989	36.98		369778
Copper & its alloys	Iron	7439-89-6	3.27 E-04	2.50	25006	0.96		9592
Copper & its alloys	Zinc	7440-66-6	7.85 E-05	0.60	6004	0.23		2303
Copper & its alloys	Phosphorus	7723-14-0	6.54 E-05	0.50	5001	0.19		1918
Subtotal			1.31 E-02	100.00	1000000	38.36		383591

External Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Tin & its alloys	Tin	7440-31-5	7.76 E-05	100.0	1000000	0.23		2276

Bond Wires

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Gold	7440-57-5	1.91 E-04	99.99	1000000	0.56		5611

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Other inorganic materials	Gallium Arsenide	1303-00-0	2.84 E-03	100.0	1000000	8.34		83400

Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level		
				Percentage (%)	PPM	Percentage (%)	PPM	
Precious metals	Silver	7440-22-4	1.78 E-04	80.50	805000	0.52		5220
Other organic materials	Carbocyclic Acrylates	Proprietary	2.21 E-05	10.00	100000	0.06		648
Other organic materials	Bismaleimide resin	Proprietary	6.63 E-06	3.00	30000	0.02		195
Other organic materials	2-preponic acid, 2-methyl	68586-19-6	6.63 E-06	3.00	30000	0.02		195
Others	Additive	Proprietary	6.63 E-06	3.00	30000	0.02		195
Other organic materials	Dicumyl peroxide	80-43-3	1.10 E-06	0.50	5000	0.003		32
Subtotal			2.21 E-04	100.00	995000	0.65		6484

Package Totals			Weight (g) 3.41 E-02			Percentage (%) 100		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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