

Product / Package Information

Package	LFCSP (LP5)
Body Size (mm)	5 X 5
Lead Count	32
Terminal Finish	100 Sn
MS Number	MS12353

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	2.49E-02	93.70	937000	41.44	414430
Thermosets	Epoxy Resin	Proprietary	7.97E-04	3.00	30000	1.33	13269
Thermosets	Phenol Resin	Proprietary	7.97E-04	3.00	30000	1.33	13269
Other inorganic materials	Carbon Black	1333-86-4	7.97E-05	0.30	3000	0.13	1327
Subtotal			2.66 E-02	100.00	1000000	44.23	442294

Leadframe

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	2.82 E-02	97.50	975000	46.89	468896
Copper & its alloys	Iron	7439-89-6	6.79 E-04	2.35	23500	1.13	11302
Copper & its alloys	Zinc	7440-66-6	3.47 E-05	0.12	1200	0.06	577
Copper & its alloys	Phosphorus	7723-14-0	8.67 E-06	0.03	300	0.01	144
Subtotal			2.89 E-02	100.00	1000000	48.09	480919

Internal Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	2.89 E-04	100.0	1000000	0.48	4809

External Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	1.69 E-03	100.0	1000000	2.81	28061

Bond Wires

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Gold	7440-57-5	3.22 E-04	100.0	1000000	0.54	5352

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Gallium Arsenide	1303-00-0	2.03 E-03	100.0	1000000	3.38	33823

Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	2.54 E-04	89.00	890000	0.42	4220
Thermoset	2-Butoxyethyl acetate	112-07-2	2.85 E-05	10.00	100000	0.05	474
Other organic materials	2-Propenoic acid, 3-(trimethoxysilyl)propyl ester	4369-14-6	2.85 E-06	1.00	10000	0.00	47
Subtotal			2.85 E-04	100.00	1000000	0.47	4741

Package Totals	Weight (g)	Percentage (%)	PPM
	6.01 E-02	100	1000000

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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