

Product / Package Information	
Package	LF CSP
Body Size	5x5x0.75
Lead Count	32
Terminal Finish	100Sn

Environmental Compliance Information	
RoHS Compliant	Yes
High Temperature Compliant	
Halogen Free Compliant	Yes
REACH SVHC Compliant	Yes

Materials Declaration

Mold Compound

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Thermosets	Epoxy Resin	85954-11-6	3.23 E-03	10.89	108900	4.82	48182
Other inorganic materials	Fused Silica	60676-86-0	2.64 E-02	88.86	888600	39.32	393157
Other organic materials	Carbon Black	1333-86-4	7.43 E-05	0.25	2500	0.11	1106
Subtotal			2.97 E-02	100.0	1000000	44.24	442445

Leadframe

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metal	Copper	7440-50-8	3.17 E-02	97.20	972000	47.20	472049
Precious Metal	Iron	7439-89-6	6.72 E-04	2.06	20600	1.00	10004
Other inorganic materials	Phosphorous	7723-14-0	1.30 E-05	0.04	400	0.02	194
Precious Metal	Silver	7440-22-4	2.02 E-04	0.62	6200	0.30	3011
Other inorganic materials	Zinc	7440-66-6	2.61 E-05	0.08	800	0.04	389
Subtotal			3.26 E-02	100.0	1000000	48.56	485647

Leadframe Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	1.88 E-03	100.00	1000000	2.80	28007
Subtotal			1.88 E-03	100.0	1000000	2.80	28007

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Doped Silicon	7440-21-3	2.27 E-03	100.00	1000000	3.38	33816
Subtotal			2.27 E-03	100.0	1000000	3.38	33816

Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Thermosets	Epoxy Resin	85954-11-6	4.77 E-05	15.00	150000	0.07	711
Precious Metals	Silver	7440-22-4	2.61 E-04	82.00	820000	0.39	3885
Other inorganic materials	Copper Oxide	1317-38-0	9.54 E-06	3.00	30000	0.01	142
Subtotal			3.18 E-04	100.0	1000000	0.47	4737

Wire

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious Metals	Gold	7440-57-5	3.55 E-04	98.99	989900	0.53	5294
Precious Metals	Palladium	7440-05-3	3.63 E-06	1.01	10100	0.01	54
Subtotal			3.59 E-04	100.0	1000000	0.53	5348

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

Control ID: MS011014PKG4539
 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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