

Product / Package Information

Package	LCC (LC5)
Body Size	
Lead Count	32
Terminal Finish	Au
MS Number	MS012481B

Environmental Information

RoHS Compliant	Yes
High Temperature Compliant	N/A
Halogen Free Compliant	Yes
REACH SVHC Compliant	Yes

Materials Declaration

Ceramic Body

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Ceramics	Alumina (Al ₂ O ₃)	1344-28-1	2.84 E-02	91.42	914219	40.32	403180
Ceramics	Inorganic Binders	Proprietary	2.66 E-03	8.58	85781	3.78	37830
Subtotal			3.10 E-02	100.00	1000000	44.10	441010

Lid

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Ceramics	Alumina (Al ₂ O ₃)	1344-28-1	2.48 E-02	93.45	934468	35.26	352582
Ceramics	Inorganic Binders	Proprietary	1.18 E-03	4.47	44660	1.69	16850
Ceramics	Epoxy, B-Stage	7440-66-6	5.54 E-04	2.09	20873	0.79	7875
Subtotal			2.65 E-02	100.00	1000000	37.73	377308

External Plating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other non-ferrous metals and alloys	Tungsten	7440-33-7	5.62 E-03	81.00	809962	7.99	79946
Nickel & its alloys	Nickel	7440-02-0	4.01 E-04	5.77	57709	0.57	5696
Precious metals	Gold	7440-57-5	9.18 E-04	13.23	132330	1.31	13061
Subtotal			6.94 E-03	100.00	1000000	9.87	98703

Bond Wires

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Gold	7440-57-5	1.46 E-04	99.99	1000000	0.21	2081

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Gallium Arsenide	1303-00-0	4.03 E-03	100.0	1000000	5.73	57328

Die Attach

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	1.11 E-03	70.00	672095	1.58	15841
Other organic materials	1,4 Bis(2,3-epoxypropoxy)butane	2425-79-8	2.17 E-04	20.00	130809	0.31	3083
Other organic materials	Diglycidylether of bisphenol-F	54208-63-8	2.17 E-04	7.50	130809	0.31	3083
Other organic materials	Aromatic Amine	Proprietary	1.10 E-04	1.50	66288	0.16	1562
Subtotal			1.66 E-03	99.0	1000000	2.36	23569

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