

**Product / Package Information**

Package	LCC
Body Size	
Lead Count	24
Terminal Finish	Au

**Environmental Information**

RoHS Compliant	Yes
High Temperature Compliant	Yes
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 (Al2O3)	1344-28-1	1.69 E-02	91.42	914187	43.16	431573
Ceramics	Inorganic Binders	Proprietary	1.59 E-03	8.58	85813	4.05	40511
Subtotal			1.85 E-02	100.00	1000000	47.21	472084

**Lid**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Ceramics	Alumina (Al2O3)	1344-28-1	1.53 E-02	93.45	934455	38.96	389603
Ceramics	Inorganic Binders	Proprietary	7.30 E-04	4.47	44664	1.86	18622
Ceramics	Epoxy, B-Stage	7440-66-6	3.41 E-04	2.09	20882	0.87	8706
Subtotal			1.63 E-02	100.00	1000000	41.69	416931

**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	2.31 E-03	81.00	810030	5.90	58965
Nickel & its alloys	Nickel	7440-02-0	1.65 E-04	5.77	57714	0.42	4201
Precious metals	Gold	7440-57-5	3.77 E-04	13.23	132255	0.96	9627
Subtotal			2.85 E-03	100.00	1000000	7.28	72794

**Bond Wires**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Gold	7440-57-5	9.85 E-05	100	1000000	0.25	2513

**Chip**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Gallium Arsenide	1303-00-0	8.83 E-04	100.0	1000000	2.25	22524

**Die Attach**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Precious metals	Silver	7440-22-4	3.66 E-04	71.00	710000	0.93	9339
Other organic materials	1,4 Bis(2,3-epoxypropoxy)butane	2425-79-8	1.03 E-04	20.00	200000	0.26	2631
Other organic materials	Diglycidylether of bisphenol-F	54208-63-8	3.87 E-05	7.50	75000	0.10	987
Other organic materials	Aromatic Amine	Proprietary	7.73 E-06	1.50	15000	0.02	197
Subtotal			5.16 E-04	100.0	1000000	1.32	13153

<b>Package Totals</b>			<b>Weight (g)</b> 3.92 E-02			<b>Percentage (%)</b> 100.00	<b>PPM</b> 1000000
-----------------------	--	--	--------------------------------	--	--	---------------------------------	-----------------------

Control ID: MS012743/5378  
 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.



ADI Proprietary