

Product / Package Information

Package	WLCSP
Body Size	
I/O Count	10
Terminal Finish	SnAgCu
MS Number	MS011107A

Environmental Information

RoHS Compliant	Yes
High Temperature Compliant	Yes
Halogen Free Compliant	Yes
REACH SVHC Compliant	Yes

Materials Declaration

Chip

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Doped Silicon	7440-21-3	2.26 E-03	100.00	1000000	66.32	663203

Wafer Bumps

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	9.96E-04	95.50	955000	29.20	291997
Tin & its alloys	Silver	7440-22-4	4.17E-05	4.00	40000	1.22	12230
Tin & its alloys	Copper	7440-50-8	5.21E-06	0.50	5000	0.153	1529
Subtotal			1.04E-03	100.00	1000000	30.58	305756

UBM / RDL

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	2.45 E-05	42.05	420474	0.72	7192
Aluminum & its alloys	Aluminum	7429-90-5	1.76 E-05	30.13	301297	0.52	5153
Nickel & its alloys	Nickel	7440-02-0	9.62 E-06	16.50	164952	0.28	2821
Nickel & its alloys	Vanadium	7440-62-2	2.98 E-07	0.51	5102	0.01	87
Other non-ferrous metals and alloys	Titanium	7440-32-6	6.31 E-06	10.82	108176	0.19	1850
Subtotal			5.83 E-05	100.00	1000000	1.71	17104

Polyimide

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Resin	Proprietary	3.23 E-05	67.95	679500	0.95	9470
Other organic materials	Tetraethylene Glycol Dimethacrylate	109-17-1	6.92 E-06	14.56	145600	0.203	2029
Other organic materials	Trifluoroacetic Anhydride	407-25-0	2.77 E-06	5.83	58300	0.081	813
Other organic materials	4,4'-Oxydiphthalic Anhydride	1823-59-2	2.77 E-06	5.83	58300	0.081	813
Other organic materials	2-Hydroxyethyl Methacrylate	868-77-9	2.77 E-06	5.83	58300	0.081	813
Subtotal			4.75 E-05	100.00	1000000	1.39	13937

Package Totals	Weight (g)	Percentage (%)	PPM
	3.41 E-03	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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