

Product / Package Information

Package	WLCSP
Body Size	
I/O Count	9
Terminal Finish	SnAgCu
MS Number	MS011205A

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	1.86 E-04	100.00	1000000	15.59	155909

Wafer Bumps

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	8.99E-04	95.50	955000	75.33	753285
Tin & its alloys	Silver	7440-22-4	3.58E-05	3.80	38000	3.00	29974
Tin & its alloys	Copper	7440-50-8	6.59E-06	0.70	7000	0.552	5521
Subtotal			9.41E-04	100.00	1000000	78.88	788780

UBM / RDL

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	3.42 E-05	99.33	993258	2.86	28625
Other inorganic materials	Titanium	7440-32-6	2.32 E-07	0.67	6742	0.019	194
Subtotal			3.44 E-05	100.00	1000000	2.88	28820

Polyimide

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Resin	Proprietary	2.15 E-05	67.95	679500	1.80	18001
Other organic materials	Tetraethylene Glycol Dimethacrylate	109-17-1	4.60 E-06	14.56	145600	0.386	3857
Other organic materials	Trifluoroacetic Anhydride	407-25-0	1.84 E-06	5.83	58300	0.154	1544
Other organic materials	4,4'-Oxydipthalic Anhydride	1823-59-2	1.84 E-06	5.83	58300	0.154	1544
Other organic materials	2-Hydroxyethyl Methacrylate	868-77-9	1.84 E-06	5.83	58300	0.154	1544
Subtotal			3.16 E-05	100.0	1000000	2.65	26491

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