

Product / Package Information

Package	WLCSP
Body Size	
I/O Count	35
Terminal Finish	SnAgCu
MS Number	MS011046B

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	9.51E-03	100.00	1000000	61.72	617152

Wafer Bumps

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	4.92E-03	95.50	955000	31.95	319534
Tin & its alloys	Silver	7440-22-4	2.06E-04	4.00	40000	1.34	13384
Tin & its alloys	Copper	7440-50-8	2.58E-05	0.50	5000	0.167	1673
Subtotal			5.15 E-03	100.00	1000000	33.46	334590

UBM

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	1.80 E-04	99.19	991876	1.17	11699
Other non-ferrous metals and alloys	Titanium	7440-32-6	1.48 E-06	0.81	8124	0.010	96
Subtotal			1.82 E-04	100.00	1000000	1.18	11795

Polyimide

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Resin	Proprietary	9.64 E-05	67.95	679500	0.63	6261
Other organic materials	Tetraethylene Glycol Dimethacrylate	109-17-1	2.07 E-05	14.56	145600	0.134	1342
Other organic materials	Trifluoroacetic Anhydride	407-25-0	8.27 E-06	5.83	58300	0.054	537
Other organic materials	4,4'-Oxydiphthalic Anhydride	1823-59-2	8.27 E-06	5.83	58300	0.054	537
Other organic materials	2-Hydroxyethyl Methacrylate	868-77-9	8.27 E-06	5.83	58300	0.054	537
Subtotal			1.42 E-04	100.0	1000000	0.92	9214

Backside Coating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Silica	Proprietary	1.79 E-04	42.68	426800	1.16	11630
Thermoplastic	Epoxy Resin	Proprietary	1.18 E-04	28.05	280500	0.76	7643
Thermoplastic	Acrylic polymer	Proprietary	1.18 E-04	28.05	280500	0.76	7643
Other organic materials	Carbon black	Proprietary	5.12 E-06	1.22	12200	0.03	332
			4.20 E-04	100.0	1000000	2.72	27248

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