

Product / Package Information

Package	WLCSP
Body Size	
I/O Count	6
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	1.15 E-03	100.00	1000000	60.13	601282

Wafer Bumps

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	6.03E-04	95.50	955000	31.49	314850
Tin & its alloys	Silver	7440-22-4	2.52E-05	4.00	40000	1.32	13187
Tin & its alloys	Copper	7440-50-8	3.16E-06	0.50	5000	0.165	1648
Subtotal			6.31E-04	100.00	1000000	32.97	329686

UBM

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	5.83 E-05	98.98	989813	3.05	30456
Other inorganic materials	Titanium	7440-32-6	6.00E-07	1.02	10187	0.031	313
Subtotal			5.89 E-05	100.00	1000000	3.08	30769

Polyimide

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Resin	Proprietary	1.06 E-05	67.95	679500	0.55	5530
Other organic materials	Tetraethylene Glycol Dimethacrylate	109-17-1	2.27 E-06	14.56	145600	0.118	1185
Other organic materials	Trifluoroacetic Anhydride	407-25-0	9.08 E-07	5.83	58300	0.047	474
Other organic materials	4,4'-Oxydiphthalic Anhydride	1823-59-2	9.08 E-07	5.83	58300	0.047	474
Other organic materials	2-Hydroxyethyl Methacrylate	868-77-9	9.08 E-07	5.83	58300	0.047	474
Subtotal			1.56E-05	100.0	1000000	0.81	8138

Backside Coating

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other inorganic materials	Silica	Proprietary	2.46 E-05	42.68	426800	1.29	12857
Thermoplastic	Epoxy Resin	Proprietary	1.62 E-05	28.05	280500	0.84	8450
Thermoplastic	Acrylic polymer	Proprietary	1.62 E-05	28.05	280500	0.84	8450
Other organic materials	Carbon black	Proprietary	7.04 E-07	1.22	12200	0.04	368
Subtotal			5.77 E-05	100.0	1000000	3.01	30124

	Weight (g)	Percentage (%)	PPM
Package Totals	1.91 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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