

**Product / Package Information**

Package	WLCSP
Body Size	
I/O Count	36
Terminal Finish	SnAgCu
MS Number	MS011121A

**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	9.39E-03	100.00	1000000	63.25	632508

**Wafer Bumps**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	3.63E-03	96.80	968000	24.47	244676
Tin & its alloys	Silver	7440-22-4	9.76E-05	2.60	26000	0.66	6572
Tin & its alloys	Copper	7440-50-8	2.25E-05	0.60	6000	0.152	1517
Subtotal			3.75 E-03	100.00	1000000	25.28	252765

**UBM**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	1.50 E-03	99.19	991876	10.13	101265
Other non-ferrous metals and alloys	Titanium	7440-32-6	1.23 E-05	0.81	8124	0.083	829
Subtotal			1.52 E-03	100.00	1000000	10.21	102095

**Polyimide**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Resin	Proprietary	1.27 E-04	67.95	679500	0.86	8584
Other organic materials	Tetraethylene Glycol Dimethacrylate	109-17-1	2.73 E-05	14.56	145600	0.184	1839
Other organic materials	Trifluoroacetic Anhydride	407-25-0	1.09 E-05	5.83	58300	0.074	736
Other organic materials	4,4'-Oxydiphthalic Anhydride	1823-59-2	1.09 E-05	5.83	58300	0.074	736
Other organic materials	2-Hydroxyethyl Methacrylate	868-77-9	1.09 E-05	5.83	58300	0.074	736
Subtotal			1.88 E-04	100.0	1000000	1.26	12633

Package Totals	Weight (g)	Percentage (%)	PPM
	1.48 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.



ADI Proprietary