



Product / Package Information	
Package:	WLCSP
Body Size (mm):	
I/O Count:	30
Terminal Finish	SnAgCu

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	5.84 E-03	100.00	1000000	63.74	637356

**Wafer Bumps**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	3.00 E-03	95.50	955000	32.69	326937
Tin & its alloys	Silver	7440-22-4	1.22 E-04	3.90	39000	1.34	13351
Tin & its alloys	Copper	7440-50-8	1.88 E-05	0.60	6000	0.21	2054
Subtotal			3.14E-03	100.00	1000000	34.23	342342

**UBM / Redistribution Layers**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	5.33 E-05	54.79	547935	0.58	5814
Nickel & its alloys	Nickel	7440-02-0	2.62 E-05	26.96	269609	0.29	2861
Precious metals	Gold	7440-57-5	1.42 E-05	14.60	146033	0.15	1550
Other inorganic materials	Tungsten	7440-33-7	2.59 E-06	2.66	26637	0.03	283
Other inorganic materials	Titanium	7440-32-6	9.52 E-07	0.98	9785	0.01	104
Subtotal			9.73 E-05	100.00	1000000	1.06	10611

**Polyimide**

Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Photosensitive PolyimideResin	Proprietary		30-60			
Other organic materials	Acrylate Ester	Proprietary		5-10			
Others	Proprietary Ingredients	Proprietary		1-5			
Subtotal			8.89E-05	100	1000000	0.97	9690

Package Totals	Weight (g)	Percentage (%)	PPM
	9.17 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.

ADI Proprietary

