



Product / Package Information

Package:	WLCSP
Body Size (mm):	
I/O Count:	6
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	1.174 E-03	100.00	1000000	65.04	650436

Backside Coating							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Other organic materials	Polyethylene terephthalate	25038-59-9		60-80			
Other inorganic materials	Silica	Proprietary		10-25			
Thermoplastic	Epoxy Resin	Proprietary		3-10			
Thermoplastic	Acrylic polymer	Proprietary		3-10			
Other organic materials	Carbon black	Proprietary		<1			
Subtotal			9.263 E-05	100.00	1000000	5.13	51321

Wafer Bumps							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Tin & its alloys	Tin	7440-31-5	3.51 E-04	96.80	968000	19.44	194357
Tin & its alloys	Silver	7440-22-4	9.42 E-06	2.60	26000	0.52	5220
Tin & its alloys	Copper	7440-50-8	2.17 E-06	0.60	6000	0.12	1205
Subtotal			3.62E-04	100.00	1000000	20.08	200782

UBM / Redistribution Layers							
Description	Substance	CAS#	Weight (g)	Homogeneous Material Level		Component Level	
				Percentage (%)	PPM	Percentage (%)	PPM
Copper & its alloys	Copper	7440-50-8	1.55 E-04	98.77	987704	8.57	85682
Other inorganic materials	Titanium	7440-32-6	1.93E-06	1.23	12296	0.11	1067
Subtotal			1.57 E-04	100.00	1000000	8.67	86748

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			1.933 E-05	100	1000000	1.07	10713

Package Totals			Weight (g) 1.80 E-03			Percentage (%) 100.00	PPM 1000000
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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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