



Materials Declaration

Package	LFCSP
Body Size	9 X 9 X 0.85 (6.0 mm EP)
LeadCount	64
Option	Pb-free, Halide-free

Molding Compound			
Substance	% of Compound	Weight (g)	PPM
Silica	86.91	9.32 E-02	476496
Epoxy & Phenol Resin	12.78	1.37 E-02	70066
Carbon black	0.31	3.32 E-04	1698
Subtotal	100.0	1.07 E-01	548260

Leadframe			
Substance	% of Leadframe	Weight (g)	PPM
Copper	97.5	7.07 E-02	361531
Iron	2.35	1.70 E-03	8714
Zinc	0.12	8.70 E-05	445
Phosphorus	0.03	2.18 E-05	111
Subtotal	100.00	7.25 E-02	370801

Internal Leadframe Plating			
Substance	% of Plating	Weight (g)	PPM
Silver	100	7.13 E-04	3646

External Leadframe Plating			
Substance	% of Plating	Weight (g)	PPM
Tin	100	3.00 E-04	1534

Bond Wires			
Substance	% of Wire	Weight (g)	PPM
Gold	99.99	1.58 E-03	8060

Chip			
Substance	% of Chip	Weight (g)	PPM
Doped Silicon	100	1.14 E-02	58340

Die Attach			
Substance	% of Die Attach	Weight (g)	PPM
Silver	73.40	1.34 E-03	6869
Epoxy Resin	18.35	3.36 E-04	1717
Metal oxide	2.75	5.03 E-05	257
Amine	2.75	5.03 E-05	257
Gamma Butyrolactone	2.75	5.03 E-05	257
Subtotal	100.00	1.83 E-03	9359

Package Totals	
Weight (g)	PPM
1.96 E-01	1000000

Molding Compound		
Substance	PPM	Method
Lead	Not Detected	Draft IEC62321. ICP.
Cadmium	Not Detected	Draft IEC62321. ICP.
Mercury	Not Detected	Draft IEC62321. ICP.
Chromium+6	Not Detected	Draft IEC62321. Colorimetric Method.
Polybrominated biphenyls (PBB)	Not Detected	Draft IEC62321. GC-MS.
Polybrominated Diphenyl Ethers (PBDE)	Not Detected	Draft IEC62321. GC-MS.

Die Attach Paste		
Substance	PPM	Method
Lead	Not Detected	Draft IEC 62321. ICP-AES.
Cadmium	Not Detected	Draft IEC 62321. ICP-AES.
Mercury	Not Detected	Draft IEC 62321. ICP-AES.
Chromium+6	Not Detected	Draft IEC 62321. UV-VIS.
Polybrominated biphenyls (PBB)	Not Detected	Draft IEC 62321. GC-MS.
Polybrominated Diphenyl Ethers (PBDE)	Not Detected	Draft IEC 62321. GC-MS.

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

