



LT8609V 3mmX3mmX0.94mm (TABLE OF MATERIAL DECLARATION)

This product is RoHS compliant per EU RoHS Directive 2015/863/EU.

It contains less than 100ppm cadmium (Cd) and less than 1,000ppm of each - lead (Pb), mercury (Hg), hexavalent chromium (Cr+), polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE)

No.	Part Name	Material Name	Component Weight (gram)	Materials Analysis (element)	CAS Number	Material Mass (gram)	Materials Analysis (weight %)
1	Substrate	HL832NSF-LC, AUS308	0.0043	Cured thermosetting resin (including inorganic filler)	Trade secret	0.00086	20.00
				Continuous Filament Fiber Glass	65997-17-3	0.00065	15.00
				Copper	7440-50-8	0.00210	48.64
				Modified Epoxy Acrylate Resin	186511-06-8	0.00024	5.67
				C.I pigment blue 15	147-14-8	0.00000	0.06
				Silicon dioxide	7631-86-9	0.00013	2.94
				Barium Sulfate	7727-43-7	0.00000	0.02
				3-methoxy-3-methylbutylacetate	103429-90-9	0.00004	0.93
				Organic yellow pigment	Trade secret	0.00000	0.06
				Dipropylene glycol monomethyl ether	34590-94-8	0.00002	0.51
				Heavy Aromatic Solvent naphtha	64742-94-5	0.00007	1.71
				Talc	14807-96-6	0.00011	2.44
Gold	7440-57-5	0.00001	0.28				
Nickel	7440-02-0	0.00008	1.74				
3	Die	Silicon	0.0010	Silicon	7440-21-3	0.00098	100.00
4	Component	Component	0.0026	Component	-	0.00262	100.00
5	Solder paste	95Sn5Sb	0.0005	Tin	7440-31-5	0.00048	95.00
				Antimony	7440-36-0	0.00003	5.00
6	Flipchip Bump	Copper Pillar	0.0002	Copper	7440-50-8	0.00012	61.90
				Tin	7440-31-5	0.00007	37.34
				Silver	7440-22-4	0.00000	0.75
7	Encapsulation	EpoxyResin	0.0131	Epoxy Resin	Trade secret	0.00098	7.50
				Phenol Resin	Trade secret	0.00039	3.00
				Silica(Amorphous) A	60676-86-0	0.00865	66.00
				Silica(Amorphous) B	7631-86-9	0.00262	20.00
				Aluminium and its compounds	Trade secret	0.00039	3.00
				Carbon Black	1333-86-4	0.00007	0.50
Total Package Weight			0.0217				

Note: Composition derived from MSDS and material C of C from Vendors

Component Weight based on assembly of generic parts