

LTM2882 32LD, LGA, 15mm X 11.25mm X 2.82mm (TABLE OF MATERIAL DECLARATION)

The LTM2882 is RoHS compliant per EU RoHS Directive 2003/95/EC.

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	Circuit Board	0.1608	Barium Compounds	7727-43-7	0.0029	1.78
				Bismaleimide/Triazine/Resin/Filler Substances (Silica Crystalline)	105391-33-1, 1156-51-0	0.0350	21.78
				Copper Metal	7440-50-8	0.0859	53.39
				Copper Compounds	1328-53-6	0.0000	0.02
				Ecotoxic substances	7440-38-2, 7440-28-0	0.0000	0.01
				Gold metal or alloy	7440-57-5	0.0004	0.25
				Nickel	7440-02-0	0.0026	1.63
				Zinc	7440-66-6	0.0001	0.06
				Continuous Filament Fiber Glass	65991-17-3	0.0275	17.12
				Acrylic Resin	-	0.0055	3.39
				Epoxy Resin	-	0.0001	0.04
				Chromium(III) Oxide	1308-38-9	0.0000	0.00
				Silica amorphous	7631-86-9	0.0000	0.02
				Talc;not containing fibers like asbestos	14807-96-9	0.0003	0.21
				Aromatic Carbonyl compounds	-	0.0003	0.19
				Cyanoguanidine	461-58-5	0.0000	0.01
				Imidazole system curing reagent	-	0.0000	0.00
				Amine compounds	-	0.0000	0.03
				Leveling agent and others	-	0.0001	0.08
2	Solder Paste	Alloy	0.0029	Sn	7440-31-5	0.0028	95.00
				Sb	7440-36-0	0.0001	5.00
3	Epoxy		0.0024	Di-ester resin	-	0.0002	8.00
				Functionalized ester	-	0.0002	8.00
				Silver	7440-22-4	0.0020	84.00
4	Passive/Active Components		0.2334	Capacitor	-	0.0905	38.79
				Transformer	-	0.1216	52.09
				Inductor	-	0.0213	9.12
5	Active Ics	Silicon	0.0045	Silicon	7440-21-3	0.0045	100.00
6	Wire	Gold	0.0010	Au	7440-57-5	0.0964	99.99
7	Encapsulation	Epoxy Resin	0.6883	Fused Silica	60676-86-0	0.5314	77.20
				Epoxy Resin	-	0.0613	8.90
				Phenol Resin	-	0.0613	8.90
				Crytalline Silica	14808-60-7	0.0206	3.00
				Carbon Black	1333-86-4	0.0034	0.50
				Metal Hydroxide	-	0.0103	1.50
Total Package Weight			1.0933				

Note: Composition derived from MSDS and material C of C from Vendors
Component Weight based on assembly of generic parts

