

LTM2881 32LD 15mm X 11.25mm X 2.82mm (TABLE OF MATERIAL DECLARATION)

The LTM2881 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	0.1592	Barium Compounds	7727-43-7	0.00252	1.5800
				Bismaleimide/Triazine/Resin/Filler Substances (Silica Crystalline)	13776-74-4, 7631-86-9	0.04146	26.0400
				Copper Metal	7440-50-8	0.07459	46.8500
				Copper Compounds	1328-53-6	0.00002	0.0140
				Ecotoxic substances	7440-38-2, 7440-28-0	0.00001	0.0050
				Gold metal or alloy	7440-57-5	0.00032	0.2000
				Nickel	7440-02-0	0.00204	1.2800
				Zinc	7440-66-6	0.00008	0.0510
				Continuous Filament Fiber Glass	-	0.03257	20.4600
				Acrylic Resin	-	0.00479	3.0100
				Epoxy Resin	-	0.00005	0.0340
				Chromium(III) Oxide	1308-38-9	0.00000	0.0020
				Silica amorphous	7631-86-9	0.00003	0.0190
				Talc;not containing fibers like asbestos	14807-96-9	0.00029	0.1800
				Aromatic Carbonyl compounds	-	0.00027	0.1700
				Cyanoguanidine	461-58-5	0.00001	0.0050
				Imidazole system curing reagent	-	0.00000	0.0030
				Amine compounds	-	0.00004	0.0220
				Leveling agent and others	-	0.00011	0.0690
2	Solder Paste	Alloy	0.0064	Sn	7440-31-5	0.00606	95.0000
				Sb	7440-36-0	0.00032	5.0000
3	Epoxy		0.0056	Di-ester resin	-	0.00045	8.0000
				Functionalized ester	-	0.00045	8.0000
				Silver	7440-22-4	0.00469	84.0000
4	Passive/Active Components		0.1936	Capacitor	-	0.07363	38.0379
				Transformer	-	0.11994	61.9621
5	Active Ics	Silicon	0.0046	Silicon	7440-21-3	0.00456	100.0000
6	Wire	Gold	0.0012	Au	7440-57-5	0.00118	99.9900
7	Encapsulation	Epoxy Resin	0.6855	Fused Silica	60676-86-0	0.52917	77.2000
				Epoxy Resin	-	0.06101	8.9000
				Phenol Resin	-	0.06101	8.9000
				Crytalline Silica	14808-60-7	0.02056	3.0000
				Carbon Black	1333-86-4	0.00343	0.5000
				Metal Hydroxide	-	0.01028	1.5000
Total Package Weight			1.0560				

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

Component Weight based on assembly of generic parts