

**LTM8027 113LD 15mm X 15mm X 4.32mm (TABLE OF MATERIAL DECLARATION)**

*The LTM8027 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	0.2089	Barium Compounds	7727-43-7	0.00251	1.20
				Filler Substances (Silica Crystalline)	13776-74-4, 7631-86-9	0.03249	15.55
				Copper Metal	7440-50-8	0.13500	64.62
				Copper Compounds	1328-53-6	0.00004	0.02
				Ecotoxic substances	7440-38-2, 7440-28-0	0.00003	0.01
				Gold metal or alloy	7440-57-5	0.00100	0.48
				Nickel	7440-02-0	0.00466	2.23
				Zinc	7440-66-6	0.00031	0.15
				Bismaleimide/Triazine Resin	-	0.02553	12.22
				Acrylic Resin	-	0.00543	2.60
				Epoxy Resin	-	0.00002	0.01
				Chromium(III) Oxide	1308-38-9	0.00001	0.00
				Silica crytalline	14808-60-7	0.00065	0.31
				Silica amorphous	7631-86-9	0.00003	0.01
				Talc;not containing fibers like asbestos	14807-96-9	0.00033	0.16
				Aromatic Carbonyl compounds	-	0.00056	0.27
				Cyanoguanidine	461-58-5	0.00001	0.01
				Calcium caobonate	471-34-1	0.00000	0.00
				Amine compounds	-	0.00009	0.04
				Leveling agent and others	-	0.00021	0.10
2	Solder Paste	Alloy	0.1665	Sn	7440-31-5	0.15816	95.00
				Sb	7440-36-0	0.00832	5.00
3	Epoxy		0.0014	Di-ester resin	-	0.00011	8.00
				Functionalized ester	-	0.00011	8.00
				Silver	7440-22-4	0.00118	84.00
4	Passive/Active Components		0.5324	Capacitor	-	0.05354	10.06
				Resistor	-	0.02105	3.95
				Inductor	-	0.45782	85.99
				Diode	-	0.00000	0.00
5	Active Ics	Silicon	0.0153	Silicon	7440-21-3	0.01530	100.00
6	Wire	Gold	0.0018	Au	7440-57-5	0.00180	99.99
7	Encapsulation	Epoxy Resin	1.6759	Fused Silica	60676-86-0	1.29378	77.20
				Epoxy Resin	-	0.14915	8.90
				Phenol Resin	-	0.14915	8.90
				Crytalline Silica	14808-60-7	0.05028	3.00
				Carbon Black	1333-86-4	0.00838	0.50
				Metal Hydroxide	-	0.02514	1.50
Total Package Weight			2.6022				

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

Component Weight based on assembly of generic parts