



LTM4603 118LD 15mm X 15mm X 2.82mm (TABLE OF MATERIAL DECLARATION)

The LTM4603 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	0.212460	Barium Compounds	7727-43-7	0.00319	1.5
				Filler Substances (Silica Crystalline)	-	0.0848	39.91457
				Copper Metal	7440-50-8	0.11897	56
				Copper Compounds	1328-53-6	0.00004	0.018
				Ecotoxic substances	7439-92-1	0	0.00043
				Gold metal or alloy	7440-57-5	0.00098	0.46
				Nickel	7440-02-0	0.00446	2.1
				Zinc	7440-66-6	0.00002	0.007
2	Solder Paste	Alloy	0.017062	Sn	7440-31-5	0.01621	95.0
				Sb	7440-36-0	0.00085	5.0
3	Passive/Active Components		0.668726	Capacitor	-	0.09684	14.48
				Resistor	-	0.02431	3.64
				Inductor	-	0.53783	80.43
				Diode	-	0.00976	1.46
4	Active Ics	Silicon	0.011466	Silicon	7440-21-3	0.01147	100
5	Wire	Gold	0.002228	Au	7440-57-5	0.0022284	100
6	Underfill		0.006900	Epoxy Resin	-	0.00690	100
7	Encapsulation	Epoxy Resin	1.081480	Fused Silica	60676-86-0	0.83490	77.2
				Epoxy Resin	-	0.09625	8.9
				Phenol Resin	-	0.09625	8.9
				Crystalline Silica	14808-60-7	0.03244	3.0
				Carbon Black	1333-86-4	0.00541	0.5
				Metal Hydroxide	-	0.01622	1.5
Total Package Weight			2.0003364				

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