



1630 McCarthy Boulevard
Milpitas, CA 95035

October 2005

LTM4600 15mm x 15mm (TABLE OF MATERIAL DECLARATION)

The LTM4600 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)	Material Analysis (weight %)
1	Substrate	Circuit Board	0.2124	Barium Compounds	7727-43-7	0.00319	1.5
				Filler Substances (Silica crystalline)	-	0.08480	39.9146
				Copper metal	7440-50-8	0.11897	56.0
				Copper compounds	1328-53-6	0.00004	0.018
				Ecotoxic substances	7439-92-1	0.000001	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	0.0153	Sn	7440-31-5	0.01451	95.0
				Sb	7440-36-0	0.00076	5.0
3	Passive/Active components		0.5803		-	0.58028	100
4	Active ICs	Silicon	0.0112	Silicon	7440-21-3	0.01120	100
5	Wire	Gold	0.0025	Au	7440-57-5	0.0024998	99.99
6	Underfill		0.0069	Epoxy resin	-	0.00690	100
7	Encapsulation	Epoxy Resin	0.9051	Fused Silica (60-95)	60676-86-0	0.69872	77.2
				Epoxy resin (2-20)	-	0.08055	8.9
				Phenol resin (2-20)	-	0.08055	8.9
				Crytalline Silica (<6)	14808-60-7	0.02715	3.0
				Carbon Black (<1)	1333-86-4	0.00453	0.5
				Metal Hyrdoxide (<=30)	-	0.01358	1.5
Total Package weight			1.7337				

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