



## LTM9001 81LD 11.25mm X 11.25mm X 2.32mm (TABLE OF MATERIAL DECLARATION)

***The LTM9001 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                             | 0.1624                  | Barium Compounds                       | 7727-43-7  | 0.0024               | 1.5000                        |
|                      |                           |   |                         | Filler Substances (Silica Crystalline) | -          | 0.0648               | 39.9146                       |
|                      |                           |   |                         | Copper Metal                           | 7440-50-8  | 0.0909               | 56.0000                       |
|                      |                           |   |                         | Copper Compounds                       | 1328-53-6  | 0.0000               | 0.0180                        |
|                      |                           |   |                         | Ecotoxic substances                    | 7439-92-1  | 0.0000               | 0.0004                        |
|                      |                           |   |                         | Gold metal or alloy                    | 7440-57-5  | 0.0007               | 0.4600                        |
|                      |                           |   |                         | Nickel                                 | 7440-02-0  | 0.0034               | 2.1000                        |
|                      |                           |   |                         | Zinc                                   | 7440-66-6  | 0.0000               | 0.0070                        |
| 2                    | Solder Paste              | Alloy                                     | 0.0077                  | Sn                                     | 7440-31-5  | 0.0073               | 95.0000                       |
|                      |                           |   |                         | Sb                                     | 7440-36-0  | 0.0004               | 5.0000                        |
| 3                    | Passive/Active Components |   | 0.0301                  | Capacitor                              | -          | 0.0269               | 89.2134                       |
|                      |                           |   |                         | Resistor                               | -          | 0.0013               | 4.3246                        |
|                      |                           |   |                         | Inductor                               | -          | 0.0019               | 6.4520                        |
|                      |                           |   |                         | Diode                                  | -          | 0.0000               | 0.0000                        |
| 4                    | Active Ics                | Silicon                                   | 0.0067                  | Silicon                                | 7440-21-3  | 0.0067               | 100.0000                      |
| 5                    | Wire                      | Gold                                      | 0.0013                  | Au                                     | 7440-57-5  | 0.0013               | 99.9900                       |
| 6                    | LTC6400IUD                | see LTC web site for material declaration | 0.0205                  |  |            | 0.0205               | 100.0000                      |
| 7                    | Encapsulation             | Epoxy Resin                               | 0.4749                  | Fused Silica                           | 60676-86-0 | 0.3666               | 77.2000                       |
|                      |                           |   |                         | Epoxy Resin                            | -          | 0.0423               | 8.9000                        |
|                      |                           |   |                         | Phenol Resin                           | -          | 0.0423               | 8.9000                        |
|                      |                           |   |                         | Crytalline Silica                      | 14808-60-7 | 0.0142               | 3.0000                        |
|                      |                           |   |                         | Carbon Black                           | 1333-86-4  | 0.0024               | 0.5000                        |
|                      |                           |   |                         | Metal Hydroxide                        | -          | 0.0071               | 1.5000                        |
| Total Package Weight |                           |   | 0.7037                  |  |            |                      |                               |

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