

MATERIAL DECLARATION SHEET



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|-----------------|------------------------|-----|---|--|
| Material Number | CD1408 Serial | | | |
| Product Line | Semiconductor Products | | | |
| Compliance Date | 2006/9/12 | | | |
| RoHS Compliant | Yes | MSL | 1 | |

| No. | Construction Element(subpart) | Homogeneous Material | Material weight [mg] | Homogeneous Material\ Substances | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|-----|-------------------------------|----------------------|----------------------|----------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 1 | FRP | Others | 6 | Continuous filament glass fibers | 65997-17-3 | 43 | 21.5 | 50.0 |
| | | | | Copper foil | 7440-50-8 | 14 | 7 | |
| | | | | Non-Hazardous cured resin | Proprietary | 43 | 21.5 | |
| 2 | Epoxy | Plastic | 3.54 | Silicon Dioxides | 7631-86-9 | 55 | 16.225 | 29.5 |
| | | | | P-F-R Resin | 9003-36-5 | 45 | 13.275 | |
| 3 | Solder Cream | Metal | 0.17 | Lead *2 | 7439-92-1 | 88 | 1.247 | 1.4 |
| | | | | Tin | 7440-31-5 | 10 | 0.142 | |
| | | | | Silver | 7440-22-4 | 2 | 0.028 | |
| 4 | Dice | Others | 2.05 | Silicon | 7440-21-3 | 35.77 | 6.11 | 17.1 |
| | | | | Nickel | 7440-02-0 | 0.7 | 0.12 | |
| | | | | Lead *3 | 7439-92-1 | 63.51 | 10.85 | |
| | | | | Gold | 7440-57-5 | 0.02 | 0.003 | |
| 5 | Terminal Plating | Metal | 0.24 | Tin | 7440-31-5 | >99.9 | 2 | 2.0 |
| | | | Total weight | 12 | | | | |

This Document was updated on: 2015/05/05

Important remarks:

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1. It is the responsibility of the user to verify they are accessing the latest version.
 2. * : Excepted for RoHS 7(a)-Lead in high melting temperature type solders (i.e. lead- based alloys containing 85% by weight or more lead) ;
 3. Excepted for RoHS 7(c) I-Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound ;