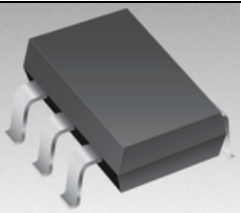


# MATERIAL DECLARATION SHEET



|                 |                        |     |   |                                                                                     |
|-----------------|------------------------|-----|---|-------------------------------------------------------------------------------------|
| Material Number | CDSOT353-T05           |     |   |  |
| Product Line    | Semiconductor Products |     |   |                                                                                     |
| Compliance Date | 2008/07/30             |     |   |                                                                                     |
| 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   | Die                           | Silicon              | 0.0638               | Si                               | 7440-21-3           | 71               | 0.74                              | 1.04                          |
|     |                               |                      |                      | Alumium                          | 7429-90-5           | 15               | 0.16                              |                               |
|     |                               |                      |                      | Titanium                         | 7440-32-6           | 1                | 0.01                              |                               |
|     |                               |                      |                      | Nickel                           | 7440-02-0           | 5                | 0.05                              |                               |
|     |                               |                      |                      | Silver                           | 7440-22-4           | 8                | 0.08                              |                               |
| 2   | Leadframe                     | A42                  | 1.7607               | Fe                               | 7439-89-6           | 57.65            | 16.5                              | 28.62                         |
|     |                               |                      |                      | Ni                               | 7440-02-0           | 41               | 11.73                             |                               |
|     |                               |                      |                      | Mn                               | 7439-96-5           | 0.6              | 0.17                              |                               |
|     |                               |                      |                      | Cr(not Cr 6+)                    | 7440-47-3           | 0.1              | 0.03                              |                               |
|     |                               |                      |                      | Co                               | 7440-48-4           | 0.5              | 0.14                              |                               |
| 3   | Leadframe plating             | Ag                   | 0.0611               | Ag                               | 7440-22-4           | 100              | 0.99                              | 0.99                          |
| 4   | Golden wire                   | Au                   | 0.0394               | Au                               | 7440-57-5           | 100              | 0.64                              | 0.64                          |
| 5   | Molding compound              | Epoxy                | 3.872                | SiO2                             | 60676-86-0          | 87.3             | 54.93                             | 62.92                         |
|     |                               |                      |                      | Epoxy Resin                      | 29690-82-2          | 5                | 3.15                              |                               |
|     |                               |                      |                      | Phenol Resin                     | 26834-02-6          | 5                | 3.15                              |                               |
|     |                               |                      |                      | Aromatic poly-phosphate          | ----                | 2.5              | 1.57                              |                               |
|     |                               |                      |                      | C                                | 1333-86-4           | 0.2              | 0.13                              |                               |
| 6   | Epoxy                         | 84-1                 | 0.026                | Ag                               | 7440-22-4           | 75               | 0.31                              | 0.42                          |
|     |                               |                      |                      | epoxy resin                      | Trade secret        | 20               | 0.08                              |                               |
|     |                               |                      |                      | curing agent & hardener          | Trade secret        | 5                | 0.02                              |                               |
| 7   | Plating Tin                   | Tin                  | 0.33                 | Tin                              | 7440-31-5           | 100              | 5.37                              | 5.37                          |
|     |                               |                      | Total weight         | 6.153                            |                     |                  |                                   |                               |

# MATERIAL DECLARATION SHEET



This Document was updated on: 2015/4/27

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.