



Torex...Powerfully Small!

TOREX SEMICONDUCTOR LTD.
Quality Assurance Dept.

Composition Table

Product(Pb-free): XC6503xxxxPR-G

Typical Mass: 57 mg

| Part name | Weight(mg) | Material name | Ratio(ppm) | CAS number |
|--------------|------------|-----------------|------------|------------|
| Silicon chip | 0.225 | Silicon | 3900 | 7440-21-3 |
| | | Arsenic | <1 | 7440-38-2 |
| Leadframe | 24.392 | Copper | 427900 | 7440-50-8 |
| | 0.016 | Tin | 300 | 7440-31-5 |
| | 0.218 | Silver | 3800 | 7440-22-4 |
| Die attach | 0.126 | Silver | 2200 | 7440-22-4 |
| | 0.032 | Epoxy | 600 | — |
| Bonding wire | 0.060 | Gold | 1100 | 7440-57-5 |
| Resin | 27.239 | Silica | 477900 | 60676-86-0 |
| | 2.222 | Epoxy resin | 39000 | — |
| | 1.604 | Phenol resin | 28100 | — |
| | 0.435 | Metal hydroxide | 7600 | — |
| Plating | 0.430 | Tin | 7500 | 7440-31-5 |

* The component composition is based on the information provided by raw material vender.

* The mass of the IC and its fractions could be different due to the manufacturing conditions of materials.

* Any indication "-" in CAS number means "confidential."