

TOREX SEMICONDUCTOR LTD.
Quality Assurance Dept.

Composition Table

Product(Pb-free): XC9516xxxxZR-G

Typical Mass: 41 mg

| Part name | Weight(mg) | Material name | Ratio(ppm) | CAS number |
|--------------|------------|---------------|------------|------------|
| Silicon chip | 3.919 | Silicon | 95600 | 7440-21-3 |
| | - | Arsenic | 6 | 7440-38-2 |
| Leadframe | 13.289 | Copper | 324100 | 7440-50-8 |
| | 0.313 | Iron | 7600 | 7439-89-6 |
| | 0.014 | Zinc | 300 | 7440-66-6 |
| | 0.004 | Phosphorus | 100 | 7723-14-0 |
| | 0.694 | Silver | 16900 | 7440-22-4 |
| Die attach | 0.167 | Silver | 4100 | 7440-22-4 |
| | 0.055 | Epoxy | 1300 | — |
| Bonding wire | 0.340 | Gold | 8300 | 7440-57-5 |
| Resin | 19.826 | Silica | 483600 | 60676-86-0 |
| | 0.701 | Epoxy Resin | 17100 | — |
| | 0.722 | Phenol Resin | 17600 | — |
| Plating | 0.955 | Tin | 23300 | 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."