

**TOREX SEMICONDUCTOR LTD.**  
Quality Assurance Dept.

## Composition Table

Product(Pb-free): XC9244xxxx7R-G  
Typical Mass: 1.8 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.199	Silicon	110800	7440-21-3
	-	Arsenic	<1	7440-38-2
Lead pad	0.386	Nickel	214400	7440-02-0
	0.003	Gold	1700	7440-57-5
Die attach	0.018	Epoxy Resin	9700	—
	0.011	Acrylic Resin	5800	—
Bonding wire	0.071	Gold	39400	7440-57-5
Resin	0.974	Silica	540800	60676-86-0
	0.056	Epoxy Resin	30900	—
	0.050	Phenol Resin	27800	—
	0.033	Metal hydroxide	18600	—

\* 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."