

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

## Composition Table

Product(Pb-free):   XC9236xxxx4R-G  
Typical Mass:           4       mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.666	Silicon	166600	7440-21-3
	-	Arsenic	10	7440-38-2
Lead pad	1.220	Nickel	305000	7440-02-0
	0.056	Silver	14000	7440-22-4
	0.012	Gold	3000	7440-57-5
Die attach	0.025	Epoxy Resin	6200	—
	0.021	Aluminum Oxide	5400	1344-28-1
	0.000	Silica	100	—
Bonding wire	0.071	Gold	17700	7440-57-5
Resin	1.687	Silica	421900	60676-86-0
	0.096	Epoxy Resin	24100	—
	0.087	Phenol Resin	21700	—
	0.058	Metal Hydroxide	14400	—

\* 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."