

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

## Composition Table

Product(Pb-free): XC9237xxxxMR-G

Typical Mass: 16 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.666	Silicon	41600	7440-21-3
	-	Arsenic	2	7440-38-2
Leadframe	5.503	Copper	343900	7440-50-8
	0.022	Tin	1400	7440-31-5
	0.021	Zinc	1300	7440-66-6
	0.024	Chromium	1500	7440-47-3
	0.325	Silver	20300	7440-22-4
	Die attach	0.049	Silver	3000
	0.009	Epoxy	600	—
Bonding wire	0.139	Gold	8700	7440-57-5
Resin	7.227	Silica	451700	60676-86-0
	0.687	Epoxy Resin	42900	—
	0.578	Phenol Resin	36100	—
	0.411	Metal Hydroxide	25700	—
Plating	0.340	Tin	21300	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."