



Torex...Powerfully Small!

TOREX SEMICONDUCTOR LTD.  
Quality Assurance Dept.

## Composition Table

Product(Pb-free): XC6901xxxxPR-G

Typical Mass: 57 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.513	Silicon	9000	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	0.068	Gold	1200	7440-57-5
Resin	26.983	Silica	473400	60676-86-0
	2.202	Epoxy resin	38600	—
	1.589	Phenol resin	27900	—
	0.431	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."