

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

## Composition Table

Product(Pb-free):   XC9110C/D/E/FxxxER-G  
Typical Mass:           6       mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.356	Silicon	59400	7440-21-3
	-	Arsenic	3	7440-38-2
Lead pad	1.100	Nickel	183400	7440-02-0
	0.087	Silver	14600	7440-22-4
	0.016	Gold	2700	7440-57-5
Die attach	0.020	Epoxy Resin	3400	—
	0.016	Silica	2600	60676-86-0
Bonding wire	0.047	Gold	7900	7440-57-5
Resin	3.921	Silica	653400	60676-86-0
	0.240	Epoxy Resin	39900	—
	0.196	Phenol Resin	32700	—

\* 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."