

TOREX SEMICONDUCTOR LTD.
Quality Assurance Dept.

Composition Table

Product(Pb-free): XC9515xxxxZR-G

Typical Mass: 41 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	1.730	Silicon	42200	7440-21-3
	-	Arsenic	2	7440-38-2
Leadframe	13.289	Copper	324100	7440-50-8
	0.313	Iron	7600	7439-89-6
	0.014	Zinc	300	7440-66-6
	0.004	Phosphorus	100	7723-14-0
	0.694	Silver	16900	7440-22-4
	Die attach	0.167	Silver	4100
	0.055	Epoxy	1300	—
Bonding wire	0.463	Gold	11300	7440-57-5
Resin	21.754	Silica	530600	60676-86-0
	0.769	Epoxy Resin	18800	—
	0.793	Phenol Resin	19300	—
Plating	0.955	Tin	23300	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."