

TOREX SEMICONDUCTOR LTD.
Quality Assurance Dept.

Composition Table

Product(Pb-free): XC6218xxxxHR-G
Typical Mass: 2.5 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.141	Silicon	56400	7440-21-3
	-	Arsenic	3	7440-38-2
Lead pad	0.491	Nickel	196400	7440-02-0
	0.023	Silver	9100	7440-22-4
	0.005	Gold	2000	7440-57-5
Die attach	0.014	Epoxy Resin	5400	—
	0.011	Silica	4500	60676-86-0
Bonding wire	0.030	Gold	12000	7440-57-5
Resin	1.563	Silica	625200	60676-86-0
	0.089	Epoxy Resin	35600	—
	0.080	Phenol Resin	31900	—
	0.054	Metal Hydroxide	21500	—

* 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."