

TOREX SEMICONDUCTOR LTD.
Quality Assurance Dept.

Composition Table

Product(Pb-free): XC6220xxxxER-G
Typical Mass: 6 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.606	Silicon	101000	7440-21-3
	-	Arsenic	<1	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	3300	—
	0.016	Silica	2700	60676-86-0
Bonding wire	0.095	Gold	15800	7440-57-5
Resin	3.037	Silica	506100	60676-86-0
	0.376	Phenol Resin	62700	—
	0.357	Epoxy Resin	59500	—
	0.290	Metal hydroxide	48400	—

* 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."