



Torex...Powerfully Small!

TOREX SEMICONDUCTOR LTD.
Quality Assurance Dept.

Composition Table

Product(Pb-free): XC6501xxx0R-G

Typical Mass: 0.3 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	0.1510	Silicon	503300	7440-21-3
	0.0000	Arsenic	1	7440-38-2
Polyimide	0.0483	Polyimide Resin	160900	-
	0.0048	Methacrylate Resin	16100	-
Redistribution Layer	0.0217	Copper	72200	7440-50-8
	0.0003	Titanium	1100	7440-32-6
Under Bump Metal	0.0181	Nickel	60500	7440-02-0
Solder Bump	0.0539	Tin	179600	7440-21-5
	0.0017	Silver	5500	7440-22-4
	0.0003	Copper	800	7440-50-8

* 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."