



Torex...Powerfully Small!

TOREX SEMICONDUCTOR LTD.
Quality Assurance Dept.

Composition Table

Product(Pb-free): XC9213xxxxVR-G

Typical Mass: 75 mg

Part name	Weight(mg)	Material name	Ratio(ppm)	CAS number
Silicon chip	3.029	Silicon	40400	7440-21-3
Leadframe	22.694	Copper	302600	7440-50-8
	0.768	Nickel	10200	7440-02-0
	0.288	Tin	3800	7440-31-5
	0.168	Silicon	2200	7440-21-3
	0.072	Zinc	1000	7440-66-6
	0.660	Silver	8800	7440-22-4
Die attach	0.147	Silver	2000	7440-22-4
	0.020	Epoxy Resin	300	—
	0.013	Phenol Resin	200	—
Bonding wire	0.189	Gold	2500	7440-57-5
Resin	40.463	Silica	539500	60676-86-0
	3.030	Phenol Resin	40400	—
	2.529	Epoxy Resin	33700	—
Plating	0.930	Tin	12400	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."