

Material Declaration Form

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Ordering Code	Package Family	Assembly Material Number	Lead Count	Weight (mg)	Manufacturing Country	Halogen Free	EU RoHS	China RoHS	Release Status	Version
AS1111-BSOT	SOIC 300 MIL	174970079	24	641.17	Malaysia	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Adhesive	1.12	Ag	Silver	80.00	7440-22-4	0.89600	0.13974	1397
			Carbocyclic Acrylates	15.00	3066-71-5	0.16800	0.02620	262
			Epoxy Resin	5.00	25928-94-3	0.05600	0.00873	87
			Subtotal:	100.00		1.12000	0.17468	1747
Wire	0.74	Au	Gold	100.00	7440-57-5	0.74000	0.11541	1154
			Subtotal:	100.00		0.74000	0.11541	1154
Leadframe	142.99	Cu	Copper	97.50	7440-50-8	139.41525	21.74388	217439
			Fe	2.40	7439-89-6	3.43176	0.53523	5352
			Zn	0.10	7440-66-6	0.14299	0.02230	223
			Subtotal:	100.00		142.99000	22.30142	223014
Plating	6.64	Sn	Tin	100.00	7440-31-5	6.64000	1.03561	10356
			Subtotal:	100.00		6.64000	1.03561	10356
IC	8.88	Si	Silicon	100.00	7440-21-3	8.88000	1.38497	13850
			Subtotal:	100.00		8.88000	1.38497	13850
Moldcompound	480.8	SiO2	Silica	87.00	60676-86-0	418.29600	65.23948	652395
			Carbon Black	0.20	1333-86-4	0.96160	0.14998	1500
			Epoxy Resin	8.00	25928-94-3	38.46400	5.99903	59990
			Phenol Resin	4.80	28064-14-4	23.07840	3.59942	35994
			Subtotal:	100.00		480.80000	74.98791	749879
Total:	641.17					641.17	100.00000	1000000

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