

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
AS1100WL	SOIC 300 MIL	174970081	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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