

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
AS1109-BSOU	SOIC 150 MIL	176560035	16	155.61		YES	YES	YES	FULL	

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Moldcompound	95.3	SiO2	Silica	87.00	60676-86-0	82.91100	53.28128	532813
			Carbon Black	0.20	1333-86-4	0.19060	0.12249	1225
			Epoxy Resin	8.00	25928-94-3	7.62400	4.89943	48994
			Phenol Resin	4.80	28064-14-4	4.57440	2.93966	29397
Subtotal:				100.00		95.30000	61.24285	612429
Wire	0.51	Au	Gold	100.00	7440-57-5	0.51000	0.32774	3277
Subtotal:				100.00		0.51000	0.32774	3277
IC	3.57	Si	Silicon	100.00	7440-21-3	3.57000	2.29420	22942
Subtotal:				100.00		3.57000	2.29420	22942
Plating	2.73	Sn	Tin	100.00	7440-31-5	2.73000	1.75439	17544
Subtotal:				100.00		2.73000	1.75439	17544
Leadframe	52.38	Cu	Copper	97.50	7440-50-8	51.07050	32.81955	328195
			Fe	2.40	7439-89-6	1.25712	0.80787	8079
			Zn	0.10	7440-66-6	0.05238	0.03366	337
Subtotal:				100.00		52.38000	33.66108	336611
Adhesive	1.12	Ag	Silver	80.00	7440-22-4	0.89600	0.57580	5758
			Carbocyclic Acrylates	15.00	3066-71-5	0.16800	0.10796	1080
			Epoxy Resin	5.00	25928-94-3	0.05600	0.03599	360
Subtotal:				100.00		1.12000	0.71975	7197
Total:	155.61					155.61	100.00000	1000000

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