

Product Document

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
AS5510-DSOM	SOIC 150 MIL	184550016	8	69.08	Malaysia	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Leadframe	24.26	Cu	Copper	97.50	7440-50-8	23.65350	34.24074	342407
		Fe	Iron	2.40	7439-89-6	0.58224	0.84285	8428
		Zn	Zinc	0.10	7440-66-6	0.02426	0.03512	351
		Subtotal:			100.00		24.26000	35.11870
Adhesive	0.3	Ag	Silver	80.00	7440-22-4	0.24000	0.34742	3474
			Carbocyclic Acrylates	15.00	3066-71-5	0.04500	0.06514	651
			Epoxy Resin	5.00	25928-94-3	0.01500	0.02171	217
Subtotal:			100.00		0.30000	0.43428	4343	
IC	1.31	Si	Silicon	100.00	7440-21-3	1.31000	1.89635	18964
Subtotal:			100.00		1.31000	1.89635	18964	
Wire	0.3	Au	Gold	100.00	7440-57-5	0.30000	0.43428	4343
Subtotal:			100.00		0.30000	0.43428	4343	
Moldcompound	41.54	SiO2	Silica	87.00	60676-86-0	36.13980	52.31587	523159
			Carbon Black	0.20	1333-86-4	0.08308	0.12027	1203
			Epoxy Resin	8.00	25928-94-3	3.32320	4.81065	48107
			Phenol Resin	4.80	28064-14-4	1.99392	2.88639	28864
Subtotal:			100.00		41.54000	60.13318	601332	
Plating	1.37	Sn	Tin	100.00	7440-31-5	1.37000	1.98321	19832
Subtotal:			100.00		1.37000	1.98321	19832	
Total:	69.08					69.08	100.00000	1000000

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