

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
AS1105WL-T	SOIC 300 MIL	174970084	20	540.58	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	2.35	Ag	Silver	80.00	7440-22-4	1.88000	0.34777	3478
			Carbocyclic Acrylates	15.00	3066-71-5	0.35250	0.06521	652
			Epoxy Resin	5.00	25928-94-3	0.11750	0.02174	217
			Subtotal:	100.00		2.35000	0.43472	4347
Wire	1.2	Au	Gold	100.00	7440-57-5	1.20000	0.22198	2220
			Subtotal:	100.00		1.20000	0.22198	2220
Leadframe	157.09	Cu	Copper	97.50	7440-50-8	153.16275	28.33304	283330
			Fe	2.40	7439-89-6	3.77016	0.69743	6974
			Zn	0.10	7440-66-6	0.15709	0.02906	291
			Subtotal:	100.00		157.09000	29.05953	290595
Plating	5.5	Sn	Tin	100.00	7440-31-5	5.50000	1.01743	10174
			Subtotal:	100.00		5.50000	1.01743	10174
IC	3.44	Si	Silicon	100.00	7440-21-3	3.44000	0.63635	6364
			Subtotal:	100.00		3.44000	0.63635	6364
Moldcompound	371	SiO2	Silica	87.00	60676-86-0	322.77000	59.70809	597081
			Carbon Black	0.20	1333-86-4	0.74200	0.13726	1373
			Epoxy Resin	8.00	25928-94-3	29.68000	5.49040	54904
			Phenol Resin	4.80	28064-14-4	17.80800	3.29424	32942
			Subtotal:	100.00		371.00000	68.62999	686300
Total:	540.58					540.58	100.00000	1000000

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