

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
AS1340A-BTDT-10	MLPD	176950017	8	20.78	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	9.42	Cu	Copper	97.50	7440-50-8	9.18450	44.19875	441987
		Fe	Iron	2.40	7439-89-6	0.22608	1.08797	10880
		Zn	Zinc	0.10	7440-66-6	0.00942	0.04533	453
		Subtotal:			100.00		9.42000	45.33205
IC	0.38	Si	Silicon	100.00	7440-21-3	0.38000	1.82868	18287
		Subtotal:			100.00		0.38000	1.82868
Adhesive	0.03	Ag	Silver	80.00	7440-22-4	0.02400	0.11550	1155
			Carbocyclic Acrylates	15.00	3066-71-5	0.00450	0.02166	217
			Epoxy Resin	5.00	25928-94-3	0.00150	0.00722	72
		Subtotal:			100.00		0.03000	0.14437
Wire	0.1	Au	Gold	100.00	7440-57-5	0.10000	0.48123	4812
Subtotal:			100.00		0.10000	0.48123	4812	
Plating	0.11	Sn	Tin	100.00	7440-31-5	0.11000	0.52936	5294
Subtotal:			100.00		0.11000	0.52936	5294	
Moldcompound	10.74	SiO2	Silica Fused	88.00	60676-86-0	9.45120	45.48219	454822
			Carbon Black	0.30	1333-86-4	0.03222	0.15505	1551
			Epoxy Resin	8.00	25928-94-3	0.85920	4.13474	41347
			Phenol Resin	3.70	28064-14-4	0.39738	1.91232	19123
		Subtotal:			100.00		10.74000	51.68431
Total:	20.78					20.78	100.00000	1000000

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