

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
AS1115-BSST	QSOP 150 MIL	180230024	24	127.24	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	1.13	Ag	Silver	80.00	7440-22-4	0.90400	0.71047	7105
			Carbocyclic Acrylates	15.00	3066-71-5	0.16950	0.13321	1332
			Epoxy Resin	5.00	25928-94-3	0.05650	0.04440	444
			Subtotal:	100.00		1.13000	0.88809	8881
Wire	0.64	Au	Gold	100.00	7440-57-5	0.64000	0.50299	5030
			Subtotal:	100.00		0.64000	0.50299	5030
Leadframe	41.28	Cu	Copper	97.50	7440-50-8	40.24800	31.63156	316316
			Fe	2.40	7439-89-6	0.99072	0.77862	7786
			Zn	0.10	7440-66-6	0.04128	0.03244	324
			Subtotal:	100.00		41.28000	32.44263	324426
Plating	2.62	Sn	Tin	100.00	7440-31-5	2.62000	2.05910	20591
			Subtotal:	100.00		2.62000	2.05910	20591
IC	1.37	Si	Silicon	100.00	7440-21-3	1.37000	1.07671	10767
			Subtotal:	100.00		1.37000	1.07671	10767
Moldcompound	80.2	SiO2	Silica	87.00	60676-86-0	69.77400	54.83653	548365
			Carbon Black	0.20	1333-86-4	0.16040	0.12606	1261
			Epoxy Resin	8.00	25928-94-3	6.41600	5.04244	50424
			Phenol Resin	4.80	28064-14-4	3.84960	3.02546	30255
			Subtotal:	100.00		80.20000	63.03049	630305
Total:	127.24					127.24	100.00000	1000000

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