

Material Declaration Form

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ams AG
Tobelbader Strasse 30
A-8141 Premstaetten, Austria
Tel +43 (0) 3136 500-0



Ordering Code	Package Family	Assembly Material Number	Lead Count	Weight (mg)	Manufacturing Country	Halogen Free	EU RoHS	China RoHS	Release Status	Version
AS3933-BTST	TSSOP 4.4 MM	184330006	16	61.48	Philippines	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Leadframe	26.24	Ag	Silver	0.30	7440-22-4	0.07872	0.12804	1280
		Cu	Copper	95.90	7440-50-8	25.16416	40.93064	409306
		Mg	Magnesium	0.15	7439-95-4	0.03936	0.06402	640
		Ni	Nickel	3.00	7440-02-0	0.78720	1.28042	12804
		Si	Silicon	0.65	7440-21-3	0.17056	0.27742	2774
Subtotal:				100.00		26.24000	42.68055	426805
Adhesive	1.56	Ag	Silver	73.00	7440-22-4	1.13880	1.85231	18523
		BLO (1-10)	Gamma Butyrolactone	3.00	96-48-0	0.04680	0.07612	761
			Epoxy Resin	21.00	25928-94-3	0.32760	0.53286	5329
			Silver Oxide	3.00	1301-96-8	0.04680	0.07612	761
Subtotal:				100.00		1.56000	2.53741	25374
IC	7.72	Si	Silicon	100.00	7440-21-3	7.72000	12.55693	125569
Subtotal:				100.00		7.72000	12.55693	125569
Wire	0.39	Au	Gold	99.00	7440-57-5	0.38610	0.62801	6280
		Pd	Palladium	1.00	7440-05-3	0.00390	0.00634	63
Subtotal:				100.00		0.39000	0.63435	6344
Moldcompound	24.01	SiO2	Silica Fused	85.00	60676-86-0	20.40850	33.19535	331953
			Carbon Black	0.30	1333-86-4	0.07203	0.11716	1172
			Epoxy Resin	9.00	25928-94-3	2.16090	3.51480	35148
			Phenol Resin	5.70	28064-14-4	1.36857	2.22604	22260
Subtotal:				100.00		24.01000	39.05335	390534

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Plating	1.56	Sn	Tin	100.00	7440-31-5	1.56000	2.53741	25374
Subtotal:				100.00		1.56000	2.53741	25374
Total:	61.48					61.48	100.00000	1000000

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