

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
AS5261	punched MLF	186210042	16	114.59	Korea	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Spacer	1.22	Si	Silicon	100.00	7440-21-3	1.22000	1.06465	10646
Subtotal:				100.00		1.22000	1.06465	10646
IC Bottom	2.65	Si	Silicon	95.00	7440-21-3	2.51370	2.19361	21936
			Polyimide	5.00	58698-66-1	0.13230	0.11545	1155
Subtotal:				100.00		2.64600	2.30906	23091
Wire	0.23	Au	Gold	99.00	7440-57-5	0.22770	0.19870	1987
		Pd	Palladium	1.00	7440-05-3	0.00230	0.00201	20
Subtotal:				100.00		0.23000	0.20071	2007
Adhesive Spacer	0.2	SiO2	Silica Fused	34.00	60676-86-0	0.06902	0.06023	602
			Epoxy Resin	66.00	25928-94-3	0.13398	0.11692	1169
Subtotal:				100.00		0.20300	0.17715	1772
Adhesive Top IC	0.2	SiO2	Silica Fused	34.00	60676-86-0	0.06902	0.06023	602
			Epoxy Resin	66.00	25928-94-3	0.13398	0.11692	1169
Subtotal:				100.00		0.20300	0.17715	1772
Moldcompound	28.5	SiO2	Silica Fused	85.00	60676-86-0	24.22500	21.14022	211402
			Carbon Black	0.30	1333-86-4	0.08550	0.07461	746
			Epoxy Resin	9.00	25928-94-3	2.56500	2.23838	22384
			Phenol Resin	5.70	28064-14-4	1.62450	1.41764	14176
Subtotal:				100.00		28.50000	24.87085	248708

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Adhesive Bottom IC	0.7	Ag	Silver	84.00	7440-22-4	0.59136	0.51606	5161
			Epoxy Resin	16.00	25928-94-3	0.11264	0.09830	983
			Subtotal:	100.00		0.70400	0.61435	6144
Leadframe	75	Ag	Silver	0.30	7440-22-4	0.22500	0.19635	1963
			Cu	95.90	7440-50-8	71.92500	62.76616	627662
			Mg	0.15	7439-95-4	0.11250	0.09817	982
			Ni	3.00	7440-02-0	2.25000	1.96349	19635
			Si	0.65	7440-21-3	0.48750	0.42542	4254
Subtotal:	100.00		75.00000	65.44960	654496			
Plating	3.24	Sn	Tin	100.00	7440-31-5	3.24000	2.82742	28274
			Subtotal:	100.00		3.24000	2.82742	28274
IC Top	2.65	Si	Silicon	95.00	7440-21-3	2.51370	2.19361	21936
			Polyimide	5.00	58698-66-1	0.13230	0.11545	1155
Subtotal:	100.00		2.64600	2.30906	23091			
Total:	114.59					114.59	100.00000	1000000

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