

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
AS5304B	XDLF TSSOP; 4.4mm	178750059	20	82.01	Philippines	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
IC	8.17	Si	Silicon	100.00	7440-21-3	8.17000	9.96220	99622
Subtotal:				100.00		8.17000	9.96220	99622
Plating	1.95	Sn	Tin	100.00	7440-31-5	1.95000	2.37776	23778
Subtotal:				100.00		1.95000	2.37776	23778
Leadframe	38.14	Ag	Silver	0.30	7440-22-4	0.11442	0.13952	1395
		Cu	Copper	95.90	7440-50-8	36.57626	44.59976	445998
		Mg	Magnesium	0.15	7439-95-4	0.05721	0.06976	698
		Ni	Nickel	3.00	7440-02-0	1.14420	1.39520	13952
		Si	Silicon	0.65	7440-21-3	0.24791	0.30229	3023
Subtotal:				100.00		38.14000	46.50652	465065
Adhesive	1.64	Ag	Silver	73.00	7440-22-4	1.19720	1.45982	14598
		BLO (1-10)	Gamma Butyrolactone	3.00	96-48-0	0.04920	0.05999	600
			Epoxy Resin	21.00	25928-94-3	0.34440	0.41995	4199
			Silver Oxide	3.00	1301-96-8	0.04920	0.05999	600
Subtotal:				100.00		1.64000	1.99976	19998
Wire	0.42	Au	Gold	100.00	7440-57-5	0.42000	0.51213	5121
Subtotal:				100.00		0.42000	0.51213	5121

The information provided in this statement represents ams AG knowledge and belief as of the date that it is provided. ams AG bases its knowledge and belief on information provided by third parties, and makes no representation or warranty as to the accuracy and shall have no liability for the consequences of use of such information. ams AG has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. ams AG and its suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Moldcompound	31.69	SiO2	Silica Fused	85.00	60676-86-0	26.93650	32.84538	328454
			Carbon Black	0.30	1333-86-4	0.09507	0.11592	1159
			Epoxy Resin	9.00	25928-94-3	2.85210	3.47775	34777
			Phenol Resin	5.70	28064-14-4	1.80633	2.20257	22026
Subtotal:				100.00		31.69000	38.64163	386416
Total:	82.01					82.01	100.00000	1000000

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