

Material Declaration Form

Page 1

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
AS5600-ASOT	SOIC8, 3.81mm	191240003	8	71.23	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	24.26	Ag	Silver	1.00	7440-22-4	0.24260	0.34059	3406
		Cu	Copper	98.94	7440-50-8	24.00284	33.69766	336977
		Zr	Zirconium	0.06	7440-67-7	0.01456	0.02044	204
		Subtotal:		100.00		24.26000	34.05868	340587
Adhesive	1.13	Ag	Silver	80.00	7440-22-4	0.90400	1.26913	12691
			Carbocyclic Acrylates	15.00	3066-71-5	0.16950	0.23796	2380
			Epoxy Resin	5.00	25928-94-3	0.05650	0.07932	793
		Subtotal:		100.00		1.13000	1.58641	15864
IC	2.63	Si	Silicon	95.00	7440-21-3	2.49850	3.50765	35077
			Polyimide	5.00	58698-66-1	0.13150	0.18461	1846
		Subtotal:		100.00		2.63000	3.69226	36923
Wire	0.3	Au	Gold	100.00	7440-57-5	0.30000	0.42117	4212
Subtotal:				100.00		0.30000	0.42117	4212
Moldcompound	41.54	SiO2	Silica	87.00	60676-86-0	36.13980	50.73677	507368
			Carbon Black	0.20	1333-86-4	0.08308	0.11664	1166
			Epoxy Resin	8.00	25928-94-3	3.32320	4.66545	46654
			Phenol Resin	4.80	28064-14-4	1.99392	2.79927	27993
		Subtotal:		100.00		41.54000	58.31812	583181
Plating	1.37	Sn	Tin	100.00	7440-31-5	1.37000	1.92335	19233
Subtotal:				100.00		1.37000	1.92335	19233
Total:	71.23					71.23	100.00000	1000000

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.