

# 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
AS1130-BSST	SSOP 5.31 MM	187280009	28	235.09	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	0.32	Ag	Silver	80.00	7440-22-4	0.25600	0.10889	1089
			Carbocyclic Acrylates	15.00	3066-71-5	0.04800	0.02042	204
			Epoxy Resin	5.00	25928-94-3	0.01600	0.00681	68
			<b>Subtotal:</b>	<b>100.00</b>		<b>0.32000</b>	<b>0.13612</b>	<b>1361</b>
Wire	1.1	Au	Gold	100.00	7440-57-5	1.10000	0.46791	4679
			<b>Subtotal:</b>	<b>100.00</b>		<b>1.10000</b>	<b>0.46791</b>	<b>4679</b>
Leadframe	97.24	Cu	Copper	97.50	7440-50-8	94.80900	40.32881	403288
			Fe	2.40	7439-89-6	2.33376	0.99271	9927
			Zn	0.10	7440-66-6	0.09724	0.04136	414
			<b>Subtotal:</b>	<b>100.00</b>		<b>97.24000</b>	<b>41.36288</b>	<b>413629</b>
Plating	4.4	Sn	Tin	100.00	7440-31-5	4.40000	1.87162	18716
			<b>Subtotal:</b>	<b>100.00</b>		<b>4.40000</b>	<b>1.87162</b>	<b>18716</b>
IC	1.59	Si	Silicon	100.00	7440-21-3	1.59000	0.67634	6763
			<b>Subtotal:</b>	<b>100.00</b>		<b>1.59000</b>	<b>0.67634</b>	<b>6763</b>
Moldcompound	130.44	SiO2	Silica	87.00	60676-86-0	113.48280	48.27207	482721
			Carbon Black	0.20	1333-86-4	0.26088	0.11097	1110
			Epoxy Resin	8.00	25928-94-3	10.43520	4.43881	44388
			Phenol Resin	4.80	28064-14-4	6.26112	2.66329	26633
			<b>Subtotal:</b>	<b>100.00</b>		<b>130.44000</b>	<b>55.48513</b>	<b>554851</b>
<b>Total:</b>	<b>235.09</b>					<b>235.09</b>	<b>100.00000</b>	<b>1000000</b>

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