



This product, formerly sold by ams AG, and before that optionally by either Applied Sensors GmbH, acam-messelectronic GmbH or Cambridge CMOS Sensors, is now owned and sold by

# SciSense

The technical content of this document under ams / Applied Sensors / acam-messelectronic / Cambridge CMOS Sensors is still valid.

## Contact information

### Headquarters:

**Sciosense B.V.**

High Tech Campus 10

5656 AE Eindhoven

The Netherlands

[info@sciosense.com](mailto:info@sciosense.com)

[www.sciosense.com](http://www.sciosense.com)

# 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
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
<b>Subtotal:</b>				<b>100.00</b>		<b>26.24000</b>	<b>42.68055</b>	<b>426805</b>
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
<b>Subtotal:</b>				<b>100.00</b>		<b>1.56000</b>	<b>2.53741</b>	<b>25374</b>
IC	7.72	Si	Silicon	100.00	7440-21-3	7.72000	12.55693	125569
<b>Subtotal:</b>				<b>100.00</b>		<b>7.72000</b>	<b>12.55693</b>	<b>125569</b>
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
<b>Subtotal:</b>				<b>100.00</b>		<b>0.39000</b>	<b>0.63435</b>	<b>6344</b>
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
<b>Subtotal:</b>				<b>100.00</b>		<b>24.01000</b>	<b>39.05335</b>	<b>390534</b>

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.

**Material Declaration Form**

Page 2

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



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
<b>Subtotal:</b>				<b>100.00</b>		<b>1.56000</b>	<b>2.53741</b>	<b>25374</b>
<b>Total:</b>	<b>61.48</b>					<b>61.48</b>	<b>100.00000</b>	<b>1000000</b>

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.