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# SciSense

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## 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
TDC-GP30YD-F01	sawn QFN 32ld, 5x5x0.9mm, 0.5mm	502030005	32	69.9	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	24.9	Ag	Silver	0.30	7440-22-4	0.07470	0.10687	1069
		Cu	Copper	97.25	7440-50-8	24.21525	34.64270	346427
		Fe	Iron	2.30	7439-89-6	0.57270	0.81931	8193
		Zn	Zinc	0.15	7440-66-6	0.03735	0.05343	534
		<b>Subtotal:</b>			<b>100.00</b>		<b>24.90000</b>	<b>35.62232</b>
Adhesive	1.1	Ag	Silver	80.00	7440-22-4	0.88000	1.25894	12589
			Carbocyclic Acrylates	15.00	3066-71-5	0.16500	0.23605	2361
			Epoxy Resin	5.00	25928-94-3	0.05500	0.07868	787
<b>Subtotal:</b>			<b>100.00</b>		<b>1.10000</b>	<b>1.57368</b>	<b>15737</b>	
IC	3.5	Si	Silicon	100.00	7440-21-3	3.50000	5.00715	50072
<b>Subtotal:</b>			<b>100.00</b>		<b>3.50000</b>	<b>5.00715</b>	<b>50072</b>	
Wire	1	Au	Gold	100.00	7440-57-5	1.00000	1.43062	14306
<b>Subtotal:</b>			<b>100.00</b>		<b>1.00000</b>	<b>1.43062</b>	<b>14306</b>	
Moldcompound	37	SiO2	Silica Fused	83.00	60676-86-0	30.71000	43.93419	439342
			Carbon Black	0.30	1333-86-4	0.11100	0.15880	1588
			Epoxy Resin	9.00	25928-94-3	3.33000	4.76395	47639
			Phenol Resin	7.70	28064-14-4	2.84900	4.07582	40758
<b>Subtotal:</b>			<b>100.00</b>		<b>37.00000</b>	<b>52.93276</b>	<b>529328</b>	
Plating	2.4	Sn	Tin	100.00	7440-31-5	2.40000	3.43348	34335
<b>Subtotal:</b>			<b>100.00</b>		<b>2.40000</b>	<b>3.43348</b>	<b>34335</b>	

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Page 2

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
<b>Total:</b>	<b>69.9</b>					<b>69.90</b>	<b>100.00000</b>	<b>1000000</b>

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