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# SciSense

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# 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
TDC-GP30YD	sawn QFN 32ld, 5x5x0.9mm, 0.5mm	502030003	32	69.29	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	24.29	Ag	Silver	0.30	7440-22-4	0.07287	0.10517	1052
		Cu	Copper	97.25	7440-50-8	23.62203	34.09154	340915
		Fe	Iron	2.30	7439-89-6	0.55867	0.80628	8063
		Zn	Zinc	0.15	7440-66-6	0.03644	0.05258	526
		<b>Subtotal:</b>			<b>100.00</b>		<b>24.29000</b>	<b>35.05556</b>
Adhesive	1.1	Ag	Silver	80.00	7440-22-4	0.88000	1.27002	12700
			Carbocyclic Acrylates	15.00	3066-71-5	0.16500	0.23813	2381
			Epoxy Resin	5.00	25928-94-3	0.05500	0.07938	794
<b>Subtotal:</b>			<b>100.00</b>		<b>1.10000</b>	<b>1.58753</b>	<b>15875</b>	
IC	3.5	Si	Silicon	100.00	7440-21-3	3.50000	5.05123	50512
<b>Subtotal:</b>			<b>100.00</b>		<b>3.50000</b>	<b>5.05123</b>	<b>50512</b>	
Wire	1	Au	Gold	100.00	7440-57-5	1.00000	1.44321	14432
<b>Subtotal:</b>			<b>100.00</b>		<b>1.00000</b>	<b>1.44321</b>	<b>14432</b>	
Moldcompound	37	SiO2	Silica Fused	83.00	60676-86-0	30.71000	44.32097	443210
			Carbon Black	0.30	1333-86-4	0.11100	0.16020	1602
			Epoxy Resin	9.00	25928-94-3	3.33000	4.80589	48059
			Phenol Resin	7.70	28064-14-4	2.84900	4.11170	41117
<b>Subtotal:</b>			<b>100.00</b>		<b>37.00000</b>	<b>53.39876</b>	<b>533988</b>	
Plating	2.4	Sn	Tin	100.00	7440-31-5	2.40000	3.46370	34637
<b>Subtotal:</b>			<b>100.00</b>		<b>2.40000</b>	<b>3.46370</b>	<b>34637</b>	

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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>69.29</b>					<b>69.29</b>	<b>100.00000</b>	<b>1000000</b>

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