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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-GP30YA	sawn QFN 40ld, 6x6x0.9mm, 0.5mm	502030004	40	99.94	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	34.69	Ag	Silver	0.30	7440-22-4	0.10407	0.10413	1041
		Cu	Copper	97.25	7440-50-8	33.73603	33.75628	337563
		Fe	Iron	2.30	7439-89-6	0.79787	0.79835	7983
		Zn	Zinc	0.15	7440-66-6	0.05204	0.05207	521
		<b>Subtotal:</b>			<b>100.00</b>		<b>34.69000</b>	<b>34.71083</b>
Adhesive	1.6	Ag	Silver	80.00	7440-22-4	1.28000	1.28077	12808
			Carbocyclic Acrylates	15.00	3066-71-5	0.24000	0.24014	2401
			Epoxy Resin	5.00	25928-94-3	0.08000	0.08005	800
<b>Subtotal:</b>			<b>100.00</b>		<b>1.60000</b>	<b>1.60096</b>	<b>16010</b>	
IC	3.5	Si	Silicon	100.00	7440-21-3	3.50000	3.50210	35021
<b>Subtotal:</b>			<b>100.00</b>		<b>3.50000</b>	<b>3.50210</b>	<b>35021</b>	
Wire	1.45	Au	Gold	100.00	7440-57-5	1.45000	1.45087	14509
<b>Subtotal:</b>			<b>100.00</b>		<b>1.45000</b>	<b>1.45087</b>	<b>14509</b>	
Moldcompound	55.2	SiO2	Silica Fused	83.00	60676-86-0	45.81600	45.84351	458435
			Carbon Black	0.30	1333-86-4	0.16560	0.16570	1657
			Epoxy Resin	9.00	25928-94-3	4.96800	4.97098	49710
			Phenol Resin	7.70	28064-14-4	4.25040	4.25295	42530
<b>Subtotal:</b>			<b>100.00</b>		<b>55.20000</b>	<b>55.23314</b>	<b>552331</b>	
Plating	3.5	Sn	Tin	100.00	7440-31-5	3.50000	3.50210	35021
<b>Subtotal:</b>			<b>100.00</b>		<b>3.50000</b>	<b>3.50210</b>	<b>35021</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>99.94</b>					<b>99.94</b>	<b>100.00000</b>	<b>1000000</b>

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