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SciSense

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Material Declaration Form

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ams AG
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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
AS3930-BQFT	QFN 4X4X0.9 MM	179990009	16	44.16	Korea	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Leadframe	17.47	Ag	Silver	0.30	7440-22-4	0.05241	0.11868	1187
		Cu	Copper	97.25	7440-50-8	16.98958	38.47277	384728
		Fe	Iron	2.30	7439-89-6	0.40181	0.90990	9099
		Zn	Zinc	0.15	7440-66-6	0.02621	0.05934	593
		Subtotal:	100.00	17.47000	39.56069	395607		
Adhesive	0.24	Ag	Silver	77.00	7440-22-4	0.18480	0.41848	4185
		BLO (1-10)	Gamma Butyrolactone	1.00	96-48-0	0.00240	0.00543	54
			Epoxy Resin	22.00	25928-94-3	0.05280	0.11957	1196
		Subtotal:	100.00	0.24000	0.54348	5435		
IC	1.67	Si	Silicon	100.00	7440-21-3	1.67000	3.78170	37817
		Subtotal:	100.00	1.67000	3.78170	37817		
Wire	0.17	Au	Gold	100.00	7440-57-5	0.17000	0.38496	3850
		Subtotal:	100.00	0.17000	0.38496	3850		
Moldcompound	23.81	SiO2	Silica Fused	85.00	60676-86-0	20.23850	45.82994	458299
			Carbon Black	0.30	1333-86-4	0.07143	0.16175	1618
			Epoxy Resin	9.00	25928-94-3	2.14290	4.85258	48526
			Phenol Resin	5.70	28064-14-4	1.35717	3.07330	30733
		Subtotal:	100.00	23.81000	53.91757	539176		
Plating	0.8	Sn	Tin	100.00	7440-31-5	0.80000	1.81159	18116
		Subtotal:	100.00	0.80000	1.81159	18116		

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Total:	44.16					44.16	100.00000	1000000

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