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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
AS3933-BQFT	QFN 4X4X0.9 MM	184330003	16	44.37	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	17.68	Ag	Silver	0.30	7440-22-4	0.05305	0.11958	1196
		Cu	Copper	97.25	7440-50-8	17.19799	38.76365	387636
		Fe	Iron	2.30	7439-89-6	0.40674	0.91678	9168
		Zn	Zinc	0.15	7440-66-6	0.02653	0.05979	598
		Subtotal:	100.00	17.68431	39.85979	398598		
Adhesive	0.3	Ag	Silver	77.00	7440-22-4	0.23038	0.51928	5193
		BLO (1-10)	Gamma Butyrolactone	1.00	96-48-0	0.00299	0.00674	67
			Epoxy Resin	22.00	25928-94-3	0.06582	0.14836	1484
		Subtotal:	100.00	0.29920	0.67439	6744		
IC	2.08	Si	Silicon	100.00	7440-21-3	2.08302	4.69505	46951
		Subtotal:	100.00	2.08302	4.69505	46951		
Wire	0.12	Au	Gold	100.00	7440-57-5	0.11586	0.26114	2611
		Subtotal:	100.00	0.11586	0.26114	2611		
Moldcompound	23.39	SiO2	Silica Fused	85.00	60676-86-0	19.87997	44.80873	448087
			Carbon Black	0.30	1333-86-4	0.07016	0.15815	1581
			Epoxy Resin	9.00	25928-94-3	2.10494	4.74445	47445
			Phenol Resin	5.70	28064-14-4	1.33313	3.00482	30048
		Subtotal:	100.00	23.38820	52.71615	527162		
Plating	0.8	Sn	Tin	100.00	7440-31-5	0.79570	1.79348	17935
		Subtotal:	100.00	0.79570	1.79348	17935		

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Total:	44.37					44.37	100.00000	1000000

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