

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
AS3415-EQFP	punched QFN 32ld	191150015	32	71.97	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	31.17	Ag	Silver	0.30	7440-22-4	0.09352	0.12994	1299
		Cu	Copper	97.25	7440-50-8	30.31499	42.12155	421216
		Fe	Iron	2.30	7439-89-6	0.71696	0.99619	9962
		Zn	Zinc	0.15	7440-66-6	0.04676	0.06497	650
		Subtotal:			100.00		31.17223	43.31265
Adhesive	0.43	Ag	Silver	77.00	7440-22-4	0.33249	0.46198	4620
		BLO (1-10)	Gamma Butyrolactone	1.00	96-48-0	0.00432	0.00600	60
			Epoxy Resin	22.00	25928-94-3	0.09500	0.13199	1320
		Subtotal:			100.00		0.43180	0.59997
IC	2.4	Si	Silicon	100.00	7440-21-3	2.40456	3.34105	33410
		Subtotal:			100.00		2.40456	3.34105
Wire	0.16	Cu	Copper	97.30	7440-50-8	0.15693	0.21804	2180
		Pd	Palladium	2.70	7440-05-3	0.00435	0.00605	61
		Subtotal:			100.00		0.16128	0.22409
Moldcompound	36.52	SiO2	Silica Fused	85.00	60676-86-0	31.03826	43.12650	431265
			Carbon Black	0.30	1333-86-4	0.10955	0.15221	1522
			Epoxy Resin	9.00	25928-94-3	3.28640	4.56634	45663
			Phenol Resin	5.70	28064-14-4	2.08139	2.89201	28920
		Subtotal:			100.00		36.51560	50.73706

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Plating	1.28	Sn	Tin	100.00	7440-31-5	1.28480	1.78518	17852
Subtotal:				100.00		1.28480	1.78518	17852
Total:	71.97					71.97	100.00000	1000000

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