

# 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
AS3435-EQFP	punched QFN 36ld	191150017	36	65.12	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	31.14	Ag	Silver	0.30	7440-22-4	0.09341	0.14346	1435
		Cu	Copper	97.25	7440-50-8	30.28189	46.50397	465040
		Fe	Iron	2.30	7439-89-6	0.71618	1.09984	10998
		Zn	Zinc	0.15	7440-66-6	0.04671	0.07173	717
		<b>Subtotal:</b>			<b>100.00</b>			<b>31.13819</b>
Adhesive	0.43	Ag	Silver	77.00	7440-22-4	0.33249	0.51060	5106
		BLO (1-10)	Gamma Butyrolactone	1.00	96-48-0	0.00432	0.00663	66
			Epoxy Resin	22.00	25928-94-3	0.09500	0.14589	1459
		<b>Subtotal:</b>			<b>100.00</b>		<b>0.43180</b>	<b>0.66312</b>
IC	2.4	Si	Silicon	100.00	7440-21-3	2.40456	3.69269	36927
		<b>Subtotal:</b>			<b>100.00</b>		<b>2.40456</b>	<b>3.69269</b>
Wire	0.17	Cu	Copper	97.30	7440-50-8	0.16564	0.25438	2544
		Pd	Palladium	2.70	7440-05-3	0.00460	0.00706	71
		<b>Subtotal:</b>			<b>100.00</b>		<b>0.17024</b>	<b>0.26144</b>
Moldcompound	29.77	SiO2	Silica Fused	85.00	60676-86-0	25.30858	38.86644	388664
			Carbon Black	0.30	1333-86-4	0.08932	0.13718	1372
			Epoxy Resin	9.00	25928-94-3	2.67973	4.11527	41153
			Phenol Resin	5.70	28064-14-4	1.69716	2.60634	26063
		<b>Subtotal:</b>			<b>100.00</b>		<b>29.77480</b>	<b>45.72523</b>

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Plating	1.2	Sn	Tin	100.00	7440-31-5	1.19720	1.83854	18385
<b>Subtotal:</b>				<b>100.00</b>		<b>1.19720</b>	<b>1.83854</b>	<b>18385</b>
<b>Total:</b>	<b>65.12</b>					<b>65.12</b>	<b>100.00000</b>	<b>1000000</b>

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