

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-GPX2	LQFP 64ld; 10x10x1.4mm	502050006	64	360	Taiwan	YES	YES	YES	PROTOS	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Leadframe	100	Ag	Silver	0.30	7440-22-4	0.30000	0.08333	833
		Cu	Copper	95.90	7440-50-8	95.90000	26.63889	266389
		Mg	Magnesium	0.15	7439-95-4	0.15000	0.04167	417
		Ni	Nickel	3.00	7440-02-0	3.00000	0.83333	8333
		Si	Silicon	0.65	7440-21-3	0.65000	0.18056	1806
Subtotal:				100.00		100.00000	27.77778	277778
Adhesive	2.6	Ag	Silver	79.00	7440-22-4	2.05400	0.57056	5706
			Bismaleimide	1.00	13676-54-5	0.02600	0.00722	72
			Bisphenol F	14.00	28064-14-4	0.36400	0.10111	1011
			Epoxy Resin	6.00	25928-94-3	0.15600	0.04333	433
Subtotal:				100.00		2.60000	0.72222	7222
IC	12	Si	Silicon	100.00	7440-21-3	12.00000	3.33333	33333
Subtotal:				100.00		12.00000	3.33333	33333
Wire	1.7	Au	Gold	100.00	7440-57-5	1.70000	0.47222	4722
Subtotal:				100.00		1.70000	0.47222	4722
Moldcompound	229.9	SiO2	Silica Fused	83.00	60676-86-0	190.81700	53.00472	530047
			Carbon Black	0.30	1333-86-4	0.68970	0.19158	1916
			Epoxy Resin	9.00	25928-94-3	20.69100	5.74750	57475
			Phenol Resin	7.70	28064-14-4	17.70230	4.91731	49173
Subtotal:				100.00		229.90000	63.86111	638611

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Plating	13.8	Sn	Tin	100.00	7440-31-5	13.80000	3.83333	38333
Subtotal:				100.00		13.80000	3.83333	38333
Total:	360					360.00	100.00000	1000000

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