



Part Number:		AS4C4M32S-7BCN-6BIN							
Part Weight:		201.526mg							
No.	Part Name	Material Name	Component wt (mg)	Material Content (Element)	CAS Number	Element wt (%)	Element wt (mg)	wt % of Total unit wt	PPM
1	Substrate	HL-832NX / AUS 308	65.082	Bismaleimide Triazine	105391-33-1	2.93%	1.9065	0.95%	29293.7
				Epoxy resin -1	25722-66-1	2.93%	1.9065	0.95%	29293.7
				Epoxy resin -2	9003-36-5	2.93%	1.9065	0.95%	29293.7
				Inorganic Filler	21645-51-2	5.27%	3.4323	1.70%	52737.8
				Continuous Filament F	65997-17-3	8.79%	5.7195	2.84%	87881.1
				Talc containing no asb	14807-96-6	0.78%	0.5105	0.25%	7844
				Morpholine derivative	Trade secret	0.78%	0.5105	0.25%	7844
				Barium sulfate	7727-43-7	8.82%	5.7432	2.85%	88245
				Silica, amorphous	7631-86-9	0.20%	0.1276	0.06%	1961
				Dipropylene glycol mo	34590-94-8	4.71%	3.0630	1.52%	47064
				Epoxy resin A	Trade secret	2.55%	1.6591	0.82%	25493
				Epoxy resin B	85954-11-6	1.76%	1.1486	0.57%	17649
				Copper	7440-50-8	54.32%	35.3525	17.54%	543200
				Nickel	7440-02-0	2.90%	1.8874	0.94%	29000
				Gold	7440-57-5	0.32%	0.2083	0.10%	3200
2	Mold compound	G770	98.638	Epoxy resin A	Trade Secret	3.89%	3.8370	1.90%	38900
				Epoxy resin B	Trade Secret	3.89%	3.8370	1.90%	38900
				Phenol Resin A	Trade Secret	3.89%	3.8370	1.90%	38900
				Phenol Resin B	Trade secret	3.89%	3.8370	1.90%	38900
				Metal Hydroxide	Trade secret	1.95%	1.9234	0.95%	19500
				Carbon black	1333-86-4	0.39%	0.3847	0.19%	3900
				Silica fused	60676-86-0	66.15%	65.2488	32.38%	661500
				Silica fused	7631-86-9	15.56%	15.3480	7.62%	155600
3	Epoxy	2025D	0.222	Silica,amorphous,fued	60676-86-0	45.45%	0.1009	0.05%	454500
				Bismaleimide monom	Trade Secret	31.82%	0.0706	0.04%	318200
				Acrylate monomer	Trade secret	9.09%	0.0202	0.01%	90900
				Epoxy resin	Trade Secret	9.09%	0.0202	0.01%	90900
				Acrylic resin	Trade secret	4.55%	0.0101	0.01%	45500
4	Solder ball	M705	31.761	Tin	7440-31-5	96.50%	30.6491	15.21%	965000
				Silver	7440-22-4	3.00%	0.9528	0.47%	30000
				Copper	7440-50-8	0.50%	0.1588	0.08%	5000
5	Gold wire	Au	0.653	Gold	7440-57-5	99.99%	0.6529	0.32%	999900
				Impurity	Trade Secret	0.01%	0.0001	0.00%	100
6	Die	Chip	5.171	Silicon	7440-21-3	100.00%	5.1707	2.57%	1000000
201.526				600.00%		201.526	100.00%		6000000