



Part Number:		AS4C64M8D1-5TCN / -5TIN							
Part Weight:		556.46mg							
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	Lead frame	A42	164.64	Carbon	7440-44-0	0.02	0.033	0.01	200
				Silicon	7440-21-3	0.3	0.494	0.09	3000
				Manganese	7439-96-5	0.8	1.317	0.24	8000
				Nickel	7440-02-0	41	67.502	12.13	410000
				Chromium	7440-47-3	0.1	0.165	0.03	1000
				Cobalt	7440-48-4	0.5	0.823	0.15	5000
				Aluminium	7429-90-5	0.1	0.165	0.03	1000
				Iron	7439-89-6	55.18	90.848	16.33	551800
				Silver	7440-22-4	2	3.293	0.59	20000
2	Mold compound	CEL-9200HF	385.791	Epoxy Resin	Trade Secret	4.5	17.361	3.12	45000
				Phenol Resin	Trade Secret	4.5	17.361	3.12	45000
				Metal Hydroxide	Trade Secret	4	15.432	2.77	40000
				Carbon Black	1333-86-4	0.2	0.772	0.14	2000
				Silica	60676-86-0	85.8	331.009	59.48	858000
				Other	Trade Secret	1	3.858	0.69	10000
3	Tape	HM-122U-FE100	0.576	Aromatic polyimide resin	32197-39-0	50	0.288	0.05	500000
				Special heat-resistant resin	Trade Secret	50	0.288	0.05	500000
4	Plating	Sn	1.551	Tin	7440-31-5	99.8	1.548	0.28	998000
				Impurity	Trade Secret	0.2	0.003	0.00	2000
5	Gold Wire	Au	0.44	Gold	7440-57-5	99.99	0.440	0.08	999900
				Impurity	Trade Secret	0.01	0.000	0.00	100
6	Die	Chip	3.462	Silicon	7440-21-3	100	3.462	0.62	1000000
			556.46			600	556.460	100.00	6000000