



Part Number:		AS4C1M16S-6TCN/-6TIN/-7TCN							
Part Weight:		512.26mg							
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	LeadFrame	A42	145.7	Iron	7439-89-6	53.85%	78.46	15.32%	538510
				Nickel	7440-02-0	42.14%	61.40	11.99%	421400
				Carbon	7440-44-0	0.05%	0.07	0.01%	490
				Silicon	7440-21-3	0.29%	0.43	0.08%	2940
				Manganese	7439-96-5	0.98%	1.43	0.28%	9800
				Chromium	7440-47-3	0.10%	0.14	0.03%	980
				Cobalt	7440-48-4	0.49%	0.71	0.14%	4900
				Aluminium	7429-90-5	0.10%	0.14	0.03%	980
				Silver	7440-22-4	2.00%	2.91	0.57%	20000
2	Mold compound	CEL-9200HF	363.0227	Epoxy Resin	Trade Secret	4.50%	16.34	3.19%	45000
				Phenol Resin	Trade Secret	4.50%	16.34	3.19%	45000
				Metal Hydroxide	Trade Secret	4.00%	14.52	2.83%	40000
				Carbon Black	1333-86-4	0.20%	0.73	0.14%	2000
				Silica	60676-86-0	85.80%	311.47	60.80%	858000
				Other	Trade Secret	1.00%	3.63	0.71%	10000
3	Epoxy	EN-4900GC	0.2217	Acrylic Resin	Trade Secret	8.50%	0.02	0.00%	85000
				Polybutadiene Derivative	Trade Secret	5.50%	0.01	0.00%	55000
				Butadiene Copolymer	Trade Secret	2.00%	0.00	0.00%	20000
				Epoxy Resin	Trade Secret	2.50%	0.01	0.00%	25000
				Acrylate	Trade Secret	5.50%	0.01	0.00%	55000
				Silver	7440-22-4	76.00%	0.17	0.03%	760000
4	Plating	Sn	1.7346	Tin	7440-31-5	99.80%	1.73	0.34%	998000
				other	Trade Secret	0.20%	0.00	0.00%	2000
5	Gold Wire	Au	0.5656	Gold	7440-57-5	99.99%	0.57	0.11%	999900
				Other	Trade Secret	0.01%	0.00	0.00%	100
6	Die	Chip	1.0154	Silicon	7440-21-3	100.00%	1.02	0.20%	1000000
512.26				600.00%		512.26	100.00%		6000000