



Part Number:		AS4C4M32S-7TCN-6TCN-6TIN							
Part Weight:		540mg							
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	77.2	Iron	7439-89-6	51.85%	42.9188	7.95%	518500
				Carbon	7440-44-0	0.05%	0.0356	0.01%	500
				Manganese	7439-96-5	0.80%	0.5696	0.11%	8000
				Nickel	7440-02-0	42.00%	29.9053	5.54%	420000
				Silicon	7440-21-3	0.30%	0.2136	0.04%	3000
				Silver	7440-22-4	5.00%	3.5602	0.66%	50000
2	Mold compound	CEL-9200HF	438.28	Epoxy resin	Trade Secret	4.00%	17.5311	3.25%	40000
				Hardener 1	Trade Secret	2.00%	8.7655	1.62%	20000
				Hardener 2	Trade Secret	2.00%	8.7655	1.62%	20000
				Carbon black	1333-86-4	0.20%	0.8766	0.16%	2000
				Silica	60676-86-0	91.80%	402.3383	74.51%	918000
3	Epoxy	EN-4900GC	2.78	Acrylic resin	Trade Secret	8.50%	0.2360	0.04%	85000
				Polybutadiene derivati	Trade Secret	5.50%	0.1527	0.03%	55000
				Butadiene copolymer	Trade Secret	2.00%	0.0555	0.01%	20000
				Acrylate	Trade Secret	5.50%	0.1527	0.03%	55000
				Epoxy resin	Trade Secret	2.50%	0.0694	0.01%	25000
				Peroxide	Trade Secret	1.00%	0.0278	0.01%	10000
				Additive	Trade Secret	2.00%	0.0555	0.01%	20000
4	Plating	Sn	6.78	Sn	7440-31-5	100.00%	6.7780	1.26%	1000000
5	Gold wire	Au	1.65	Gold	7440-57-5	99.99%	1.6508	0.31%	999900
				Impurity	Trade Secret	0.01%	0.0002	0.00%	100
6	Die	Chip	13.31	Silicon	7440-21-3	100.00%	13.3140	2.47%	1000000
						600.00%	540.0000	100.00%	6000000