



MATERIAL DECLARATION

PART NUMBER : AS4C64M8SC-7TIN

Approved by:
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PART WEIGHT (mg)

554.200

No.	Part Name	Material Name	Material Content (Element)	CAS Number	Material Mass (mg)	Material Mass (%)	Substance wt (%)	Substance wt (mg)
1	Chip	Silicon	Silica	7440-21-3	19.020	3.432%	100.00%	19.020
2	LF	Metal	Iron (Fe)	7439-89-6	134.920	24.345%	55.01%	74.213
			Carbon (C)	7440-44-0			0.05%	0.065
			Manganese (Mn)	7439-96-5			0.68%	0.911
			Nickel (Ni)	7440-02-0			40.53%	54.683
			Silicon (Si)	7440-21-3			0.24%	0.325
			Silver (Ag)	7440-22-4			3.50%	4.722
3	LOC Tape	DAF	Special heat-resistant resin	Trade Secret	1.860	0.336%	23.00%	0.428
			Polyimide	Trade Secret			52.00%	0.967
			Special heat-resistant resin	Trade Secret			23.00%	0.428
			N-methyloyrrolidone	872-50-4			2.00%	0.037
4	Gold Wire	Metal	Gold	7440-57-5	0.772	0.14%	99.6790%	0.770
			Palladium	2023568			0.30%	0.002
			Calcium	7440-70-2			0.00%	0.000
5	Compound	Resin	Epoxy Resin A	Trade secret	392.074	70.746%	3.00%	11.762
			Epoxy Resin B	29690-82-2			3.00%	11.762
			Phenol Resin	Trade secret			3.00%	11.762
			Silica(Amorphous) A	60676-86-0			80.50%	315.620
			Silica(Amorphous) B	7631-86-9			10.00%	39.207
			Carbon Black	1333-86-4			0.50%	1.960
6	Plating	Metal	Tin	7440-31-5	5.554	1.002%	100.00%	5.554