



RS2M Material Safety Data Sheet

Material Content Declaration					
Material name	Substance name e.g. Copper (Cu), Gold (Au)	CAS no., if known	Substance mass (mg)	% OF Weight (%)	ppm Of Total Weight
Lead Wire 40.22%	Copper (Cu)	7440-50-8	1,043.790	99.9787	402,164.3
	Phosphorus (P)	7723-14-0	0.010	0.0010	4.0
	Arsenic (As)	7440-38-2	0.010	0.0010	4.0
	Tin (Sn)	7440-31-5	0.010	0.0010	4.0
	Oxygen (O)	7782-44-7	0.005	0.0005	2.0
	Sulfur (S)	7704-34-9	0.125	0.0120	48.3
	Iron (Fe)	7439-89-6	0.007	0.0007	2.7
	Nickel (Ni)	7440-02-0	0.003	0.0003	1.2
	Bismuth (Bi)	7440-69-9	0.021	0.0020	8.0
	Antimony (Sb)	1309-64-4	0.021	0.0020	8.0
	Lead (Pb)	7439-92-1	0.005	0.0005	2.0
	Zinc (Zn)	7440-66-6	0.003	0.0003	1.2
		Total		1,044.01	
Solder Wafer 0.28%	Lead (Pb)	7439-92-1	6.66	92.50	2,566.0
	Tin (Sn)	7440-31-5	0.36	5.00	138.7
	Silver (Ag)	7440-22-4	0.18	2.50	69.4
		Total		7.20	
Chip 0.26%	Silicon (Si)	7440-21-3	6.80	100.00	2,620.0
		Total		6.80	
Molding 59.03%	Epoxy	25928-94-3	1532	100.00	590,267.8
		Total		1,532.00	
Plating 0.21%	Tin (Sn)	7440-31-5	5.4200	100.00	2,088.3
		Total		5.42	
	Total mass (mg)		2,595.43		