



RS2 Material Safety Data Sheet

Material Content Declaration					
Material name	Substance name e.g. Copper (Cu), Gold	CAS no., if known	Substance mass (mg)	% OF Weight (%)	PPM Of Total Weight
Lead Wire 19.19%	Copper (Cu)	7440-50-8	657.290	99.9784	191,852.8
	Phosphorus (P)	7723-14-0	0.007	0.0010	1.9
	Arsenic (As)	7440-38-2	0.007	0.0010	1.9
	Tin (Sn)	7440-31-5	0.007	0.0010	1.9
	Oxygen (O)	7782-44-7	0.003	0.0005	1.0
	Sulfur (S)	7704-34-9	0.080	0.0122	23.4
	Iron (Fe)	7439-89-6	0.004	0.0007	1.3
	Nickel (Ni)	7440-02-0	0.002	0.0003	0.6
	Bismuth (Bi)	7440-69-9	0.013	0.0020	3.9
	Antimony (Sb)	1309-64-4	0.013	0.0020	3.9
	Lead (Pb)	7439-92-1	0.003	0.0005	1.0
	Zinc (Zn)	7440-66-6	0.002	0.0003	0.6
	Total			657.43	
Solder Wafer 0.21%	Lead (Pb)	7439-92-1	6.66	92.50	1,944.0
	Tin (Sn)	7440-31-5	0.36	5.00	105.1
	Silver (Ag)	7440-22-4	0.18	2.50	52.5
	Total			7.20	
Chip 0.13%	Silicon (Si)	7440-21-3	4.56	100.00	1,331.0
	Total			4.56	
Molding 80.28%	Epoxy	25928-94-3	2,750.40	100.00	802,799.3
	Total			2,750.40	
Plating 0.19%	Tin (Sn)	7440-31-5	6.42	100.00	1,873.9
	Total			6.42	
Total mass (mg)			3,426.01		