



RS2-L Material Safety Data Sheet

Material Content Declaration					
Material name	Substance name e.g. Copper (Cu).	CAS no., if known	Substance mass (mg)	% OF Weight (%)	PPM Of Total Weight
Lead Wire 19.26%	Copper (Cu)	7440-50-8	667.289	99.9789	192,535.3
	Phosphorus (P)	7723-14-0	0.007	0.0010	2.0
	Arsenic (As)	7440-38-2	0.007	0.0010	2.0
	Tin (Sn)	7440-31-5	0.007	0.0010	2.0
	Oxygen (O)	7782-44-7	0.003	0.0004	0.9
	Sulfur (S)	7704-34-9	0.080	0.0120	23.1
	Iron (Fe)	7439-89-6	0.004	0.0006	1.2
	Nickel (Ni)	7440-02-0	0.002	0.0003	0.6
	Bismuth (Bi)	7440-69-9	0.013	0.0019	3.8
	Antimony (Sb)	1309-64-4	0.013	0.0019	3.8
	Lead (Pb)	7439-92-1	0.003	0.0004	0.9
	Zinc (Zn)	7440-66-6	0.002	0.0003	0.6
	Total		667.43		
Solder Wafer 0.21%	Lead (Pb)	7439-92-1	6.66	92.50	1,921.6
	Tin (Sn)	7440-31-5	0.36	5.00	103.9
	Silver (Ag)	7440-22-4	0.18	2.50	51.9
	Total		7.20		
Chip 0.13%	Silicon (Si)	7440-21-3	4.35	95.40	1,255.2
	Lead (Pb)	7439-92-1	0.21	4.60	60.5
	Total		4.56		
Molding 80.22%	Epoxy	38891-59-7	2,780.40	100.00	802,239.0
	Total		2,780.40		
Plating 0.18%	Tin (Sn)	7440-31-5	6.42	100.00	1,852.4
	Total		6.42		
	Total mass (mg)		3,465.80		