



RB15X 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 67.23%	Copper (Cu)	7440-50-8	673.199	99.9791	672,157.2
	Phosphorus (P)	7723-14-0	0.007	0.0010	7.0
	Arsenic (As)	7440-38-2	0.007	0.0010	7.0
	Tin (Sn)	7440-31-5	0.007	0.0010	7.0
	Oxygen (O)	7782-44-7	0.003	0.0004	3.0
	Sulfur (S)	7704-34-9	0.082	0.0122	81.9
	Iron (Fe)	7439-89-6	0.004	0.0006	4.0
	Nickel (Ni)	7440-02-0	0.002	0.0003	2.0
	Bismuth (Bi)	7440-69-9	0.012	0.0018	12.0
	Antimony (Sb)	1309-64-4	0.012	0.0018	12.0
	Lead (Pb)	7439-92-1	0.003	0.0004	3.0
	Zinc (Zn)	7440-66-6	0.002	0.0003	2.0
	Total			673.34	
Solder Wafer 0.83%	Lead (Pb)	7439-92-1	7.78	93.51	7,768.0
	Tin (Sn)	7440-31-5	0.36	4.33	359.4
	Silver (Ag)	7440-22-4	0.18	2.16	179.7
	Total			8.32	
Chip 0.67%	Silicon (Si)	7440-21-3	6.49	95.40	6,477.2
	Lead (Pb)	7439-92-1	0.31	4.60	312.3
	Total			6.80	
Case 10.77%	Epoxy	38891-59-7	107.86	100.00	107,693.1
	Total			107.86	
Potting 19.93%		38891-59-7	199.64	100.00	199,331.0
	Total			199.64	
Plating 0.57%	Silver (Ag)	7440-22-4	5.59	100.00	5,581.3
	Total			5.59	
Total mass (mg)			1,001.55		