



## RS4/RS4L Material Safety Data Sheet

<b>Material Content Declaration</b>					
Material name	Substance name e.g. Copper (Cu).	CAS no., if known	Substance mass (mg)	% OF Weight (%)	ppm Of Total Weight
<b>Lead Wire 35.62%</b>	Copper (Cu)	7440-50-8	1,830.632	99.9761	356,167.9
	Phosphorus (P)	7723-14-0	0.018	0.0010	3.5
	Arsenic (As)	7440-38-2	0.018	0.0010	3.5
	Tin (Sn)	7440-31-5	0.018	0.0010	3.5
	Oxygen (O)	7782-44-7	0.009	0.0005	1.8
	Sulfur (S)	7704-34-9	0.220	0.0120	42.8
	Iron (Fe)	7439-89-6	0.012	0.0007	2.3
	Nickel (Ni)	7440-02-0	0.005	0.0003	1.0
	Bismuth (Bi)	7440-69-9	0.037	0.0020	7.2
	Antimony (Sb)	1309-64-4	0.037	0.0020	7.2
	Lead (Pb)	7439-92-1	0.009	0.0005	1.8
	Zinc (Zn)	7440-66-6	0.055	0.0030	10.7
	<b>Total</b>		<b>1,831.07</b>		
<b>Solder Wafer 0.41%</b>	Lead (Pb)	7439-92-1	19.74	92.50	3,840.6
	Tin (Sn)	7440-31-5	1.07	5.01	208.2
	Silver (Ag)	7440-22-4	0.53	2.48	103.1
		<b>Total</b>		<b>21.34</b>	
<b>Chip 0.28%</b>	Silicon (Si)	7440-21-3	14.00	95.40	2,723.8
	Lead (Pb)	7439-92-1	0.67	4.60	130.4
		<b>Total</b>		<b>14.67</b>	
<b>Molding 63.56%</b>	Epoxy	38891-59-7	3,267.10	100.00	635,647.3
		<b>Total</b>		<b>3,267.10</b>	
<b>Plating 0.13%</b>	Tin (Sn)	7440-31-5	5.62	100.00	1,093.4
		<b>Total</b>		<b>5.62</b>	
	<b>Total mass (mg)</b>		<b>5,139.80</b>		