



## RS2-L Material Safety Data Sheet

<b>Material Content Declaration</b>					
Material name	Substance name e.g. Copper (Cu), Gold (Au)	CAS no., if known	Substance mass (mg)	% OF Weight (%)	PPM Of Total Weight
<b>Lead Wire 19.26%</b>	Copper (Cu)	7440-50-8	667.290	99.9787	192,523.9
	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	0.0120	23.1
	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
	<b>Total</b>			<b>667.43</b>	
<b>Solder Wafer 0.21%</b>	Lead (Pb)	7439-92-1	6.66	92.50	1,921.5
	Tin (Sn)	7440-31-5	0.36	5.00	103.9
	Silver (Ag)	7440-22-4	0.18	2.50	51.9
	<b>Total</b>			<b>7.20</b>	
<b>Chip 0.13%</b>	Silicon (Si)	7440-21-3	4.56	100.00	1,315.6
	<b>Total</b>			<b>4.56</b>	
<b>Molding 80.22%</b>	Epoxy	25928-94-3	2,780.40	100.00	802,190.0
	<b>Total</b>			<b>2,780.40</b>	
<b>Plating 0.18%</b>	Tin (Sn)	7440-31-5	6.42	100.00	1,852.3
	<b>Total</b>			<b>6.42</b>	
<b>Total mass (mg)</b>			<b>3,466.01</b>		