

Component	Weight (mg)	Type	Material	CAS#	%	Weight (mg)				
Chip	14.217		Silicon	7440-21-3	100.00	14.217				
Lead Frame	79.408	C7025	Copper	7440-50-8	96.20	74.834				
			Fe	7439-89-6	0.00	0.000				
			Ni	7440-02-0	3.00	2.334				
			Sn	7440-31-5	0.00	0.000				
			P	7723-14-0	0.00	0.000				
			Zn	7440-66-6	0.00	0.000				
			Co	7440-48-4	0.00	0.000				
			Si	7440-21-3	0.65	0.506				
			Zr	-	0.00	0.000				
		48L LQFP 200X200 MATRIX (4X12) OLIN7025C L/F (7X7X1.4)			Al	7429-90-5	0.00	0.000		
					Mn	7439-96-5	0.00	0.000		
					Cr	7440-47-3	0.00	0.000		
					Mg	7439-95-4	0.15	0.117		
					C	7440-44-0	0.00	0.000		
					S	7704-34-9	0.00	0.000		
Ag	Silver	7440-22-4	100.00	1.618						
Mold Compound	86.394	SUMIKON EMEG700LX 16MM X 7.3GR (15KG/BOX)	Silica Fused	60676-86-0	81.50	70.411				
			Epoxy Resin1	Trade Secret	0.00	0.000				
			Epoxy Resin2	Trade Secret	0.00	0.000				
			Epoxy Resin3	Trade Secret	0.00	0.000				
			Epoxy Resin	-	10.00	8.639				
			Phenol Resin	-	8.00	6.912				
			Phenol Novolac	9003-35-4	0.00	0.000				
			Antimony Trioxide	1309-64-4	0.00	0.000				
			Brominated Epoxy Resin	68541-56-0	0.00	0.000				
			Carbon Black	1333-86-4	0.50	0.432				
			Epoxy, Cresol Novolac	29690-82-2	0.00	0.000				
			Others	-	0.00	0.000				
			Bonding Wire	0.704	Wire Dia : 1 mils Est. Wire Length : 2834 mils	Gold	7440-57-5	99.99	0.704	
Dopant	-	0.01				0.000				
Epoxy	1.442	CRM 1076DF EPOXY (10 CC/SYR) (TSSOP)	Silver (Ag)	7440-22-4	74.50	1.075				
			Epoxy Resin	Proprietary	0.00	0.000				
			Epoxy Resin A	9003-36-5	11.50	0.166				
			Epoxy resin B	5026-74-4	0.00	0.000				
			t-Butyl phenyl glycidyl ether	3101-60-8	7.50	0.108				
			Butyl Cellosolve acetate	112-07-2	1.50	0.022				
			Diluent	26647-14-3	0.00	0.000				
			Dicydiamide	461-58-5	0.00	0.000				
			Hardener	620-92-8	1.50	0.022				
			HardenerA	Trade Secret	0.00	0.000				
			HardenerB	Trade Secret	0.00	0.000				
			Aromatic Amine	Proprietary	0.00	0.000				
			Elastmer	Trade Secret	0.00	0.000				
			1,1,1-Tris(p-hydroxyphenyl) ethane	27955-94-8	3.50	0.050				
			Acrylic Resin	Trade Secret	0.00	0.000				
			Polybutadiene derivative	Trade Secret	0.00	0.000				
			Butadiene Copolymer	Trade Secret	0.00	0.000				
			Acrylate	Trade Secret	0.00	0.000				
			Peroxide	Trade Secret	0.00	0.000				
			Additive	Trade Secret	0.00	0.000				
			Gamma - Butyrolactone	96-48-0	0.00	0.000				
			Phenolic Resin	Proprietary	0.00	0.000				
			Plating	2.900	LEAD FREE SN100 600X100X14MM	Sn	7440-31-5	99.97	2.899	
Pb	7439-92-1	0.01				0.000				
Cu	7440-50-8	0.01				0.000				
As	7440-38-2	0.00				0.000				
Cd	7440-43-9	0.00				0.000				
Fe	7439-89-6	0.00				0.000				
Bi	7440-69-9	0.00				0.000				
Ag	7440-22-4	0.00				0.000				
Sb	7440-36-0	0.00				0.000				
Al	7429-90-5	0.00				0.000				
Zn	7440-66-6	0.00				0.000				
Ni	7440-02-0	0.00				0.000				
Pd	Trade Secret	0.00				0.000				
In	7440-74-6	0.00				0.000				
Au	7440-57-5	0.00				0.000				
Total Weight	185.066					185.066				