



% of Total Pkg. Wt.	Weight (g)	% of Total Pkg. Wt.	Weight (g)	Substance	CAS #	% of Subst.	Notes / Assumptions:
4.49%	0.0139	4.49%	0.0139	Silicon chip	7440-21-3	100.00%	Die size: 4.60 x 5.20 mm
50.20%	0.1556	2.51% 0.75% 2.51% 2.51% 0.15% 41.76%	0.0078 0.0023 0.0078 0.0078 0.0005 0.1295	Epoxy Resin A Epoxy Resin B Phenol Novolac Metal Hydroxide Carbon Black Silica Fused	- - 9003-35-4 - 1333-86-4 60676-86-0	5.00% 1.50% 5.00% 5.00% 0.30% 83.20%	Mold Compound: Sumitomo G750SE (ULA)
0.69%	0.0021	0.55% 0.14%	0.0017 0.0004	Silver Esters & resins	7440-22-4 -	80.00% 20.00%	Die attach epoxy: Henkel (Ablebond) 2100A
0.77%	0.0024	0.76% 0.01%	0.0024 0.0000	Copper Palladium	7440-50-8 7440-05-3	98.50% 1.50%	0.8 mil diameter; 1 wire per solder ball
11.11%	0.0344	10.72% 0.33% 0.06%	0.0332 0.0010 0.0002	Tin (Sn) Silver (Ag) Copper (Cu)	7440-31-5 7440-22-4 7440-50-8	96.50% 3.00% 0.50%	SAC305
15.98%	0.0495	5.11% 10.86%	0.0158 0.0337	BT Resins Glass fiber	- 65997-17-3	32.00% 68.00%	BT Resin CCL-HL832NX-A
11.56%	0.0358	8.02% 2.88% 0.65%	0.0249 0.0089 0.0020	Copper Nickel Gold	7440-50-8 7440-02-0 7440-57-5	69.41% 24.93% 5.67%	
5.21%	0.0161	2.93% 0.83% 1.15% 0.16% 0.15%	0.0091 0.0026 0.0036 0.0005 0.0005	Quartz 3-methoxy-3-methylbutylacetate Barium Sulfate Talc (containing no asbestiform fibers) Trade secret ingredients	14808-60-7 103429-90-9 7727-43-7 14807-96-6 -	56.20% 16.00% 22.00% 3.00% 2.80%	Solder mask PSR4000 AUS 308

Rev. S1

