



# ALLIANCE MEMORY MDS REPORT

Part Number :			AS25F364MQ-10SIN				Package	
Part Weight (mg):			135.6				8pin SOP (209mils)	
No.	Part Name	Component wt (mg)	Material Content (Element)	CAS Number	Element Wt (A) (%)	Element Wt (mg)	Wt % Of Total Unit Wt	ppm
1	Leadframe	49.5000	Copper	7440-50-8	97.45%	48.24	35.58%	355752
			Ferrous	7439-89-6	2.35%	1.16	0.86%	8555
			Phosphorus	7723-14-0	0.08%	0.04	0.03%	295
			Zinc Oxide	1314-13-2	0.12%	0.06	0.04%	442
2	Silver Epoxy	0.5000	BISPHENOL F	28064-14-4	76.00%	0.38	0.28%	2802
			Substituted polyamine	Trade Secret	20.00%	0.1	0.07%	737
			Silica	Trade Secret	4.00%	0.02	0.01%	147
3	Wire	0.6000	Au	7440-57-5	100.00%	0.6	0.44%	4425
4	Solder Plating	1.5000	Tin	7440-31-5	99.97%	1.4996	1.11%	11059
			Additive	Trade Secret	0.03%	0.0004	0.00%	3
5	Mold Compound	76.0000	Epoxy Resin	Trade Secret	5.00%	3.8	2.80%	28024
			Epoxy ,Cresol Nolvac	29690-82-2	1.50%	1.14	0.84%	8407
			Phenol Resin	Trade Secret	5.00%	3.8	2.80%	28024
			Carbon Black	1333-86-4	0.30%	0.23	0.17%	1696
			Silica fused	60676-86-0	82.90%	63	46.46%	464602
			Silica fused	7631-86-9	5.00%	3.8	2.80%	28024
6	Die	7.5000	Silica,crystalline	14808-60-7	0.30%	0.23	0.17%	1696
			Si	7440-21-3	100.00%	7.5	5.53%	55310

135.600