



# ALLIANCE MEMORY MDS REPORT

Part Number :			AS25F1128MQ-70SIN					Package	
Part Weight (mg):			69					8L SOP Package (208mils)	
No.	Part Name	Supplier Name	Type Name	Material weight (mg)	Substance Name	CAS NO.	Material Mass (% Weight)	Material Mass (mg)	Contents (ppm)
1	Die			4.2	Silicon	7440-21-3	100.00%	4.1800	60580
2	Lead frame	ASM	C7025	22.1	Copper	7440-50-8	96.35%	21.2741	308320
					Nickel	7440-02-0	2.50%	0.5520	8000
					Silicon	7440-21-3	0.25%	0.0552	800
					Magnesium	7439-95-4	0.10%	0.0221	320
					Silver	7440-22-4	0.80%	0.1766	2560
3	Die attach material	Sumitomo	1076DJ-G	0.1	Silver Powder	7440-22-4	76.00%	0.0420	608
					Epoxy Resin A	9003-36-5	3.00%	0.0017	24
					Epoxy Resin B	Trade Secret	7.00%	0.0039	56
					Diluent	Trade Secret	3.00%	0.0017	24
					Ethylene dimethacrylate	Trade Secret	7.00%	0.0039	56
					Hardener	Trade Secret	3.00%	0.0017	24
					Dicyandiamide	461-58-5	0.30%	0.0002	2
					Organic Peroxide	Trade Secret	0.70%	0.0004	6
4	Wire	MK	SI	0.1	Silver	7440-22-4	96.50%	0.0666	965
					Gold	7440-57-5	0.50%	0.0003	5
					Palladium	7440-05-3	2.50%	0.0017	25
					Platinum	7440-06-4	0.50%	0.0003	5
5	Compound	Sumitomo	G600F	40.5	Epoxy Resin A	Trade Secret	10.00%	4.0546	58762
					Epoxy Resin B	29690-82-2	2.00%	0.8109	11752
					Phenol Resin	Trade Secret	2.00%	0.8109	11752
					Silica(Amorphous) A	60676-86-0	80.00%	32.4366	470096
					Silica(Amorphous) B	7631-86-9	5.00%	2.0273	29381
6	Lead Finish (Plating)	Jau Janq	Pure Tin	2.1	Carbon Black	1333-86-4	1.00%	0.4055	5876
					Tin	7440-31-5	99.99%	2.0698	29997
					Lead	7439-92-1	0.01%	0.0002	3
				69			69	1000000	

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 Fax: 425-896-8628 Alliance Memory Inc. reserves the right to change products or specification without notice