



# ALLIANCE MEMORY MDS REPORT

Part Number:			AS4C32M16SC-7TIN					
Part Weight(mg):			554.206					
NO.	Part Name	Material Name	Part no.	Material mass (mg)	Material mass (%)	Substance in Materials	CAS Number	Substance (%)
1	Chip	Silicon	63nm	19.02	3.4319%	Silica	7440-21-3	100%
2	LF	Metal	A42	134.92	24.3447%	Iron (Fe)	7439-89-6	55.005%
						Carbon ( C)	7440-44-0	0.04825%
						Manganese (Mn)	7439-96-5	0.6755%
						Nickel (Ni)	7440-02-0	40.530%
						Silicon (Si)	7440-21-3	0.24125%
3	LOC tape	DAF	FG-100	1.86	0.3356%	Silver (Ag)	7440-22-4	3.5%
						Special heat-resistant resin	Trade Secret	23%
						Polyimide	Trade Secret	52%
						Special heat-resistant resin	Trade Secret	23%
4	Gold Wire	Metal	Au	0.778	0.1404%	N-methyloyrrolidone	872-50-4	2%
						Gold	7440-57-5	99.690%
						Palladium	7440/5/3	0.3%
5	Compound	Resin	EME-G631C	392.074	70.7452%	Calcium	7440-70-2	0.010%
						Epoxy Resin A	Trade secret	3%
						Epoxy Resin B	29690-82-2	3%
						Phenol Resin	Trade secret	3%
						Silica(Amorphous) A	60676-86-0	80.5%
						Silica(Amorphous) B	7631-86-9	10%
Carbon Black	1333-86-4	0.5%						
6	Plating	Metal	H99.99S-BALL	5.554	1.0022%	Tin	7440-31-5	100.00%