



# ALLIANCE MEMORY MDS REPORT

Part Number:			AS4C16M32SC-7TIN					
Part Weight:			572.756mg					
NO.	Part Name	Material Name	Part no.	Material mass (mg)	Material mass (%)	Substance in Materials	CAS Number	Substance (%)
1	Chip	Silicon	/	19.8173576	3.46%	Silica	7440-21-3	100.00%
2	LF	Metal	A42	137.9769204	24.09%	Iron (Fe)	7439-89-6	57%
						Carbon ( C)	7440-44-0	0.05%
						Manganese (Mn)	7439-96-5	0.7%
						Nickel (Ni)	7440-02-0	42%
			Ag	0.3436536	0.06%	Silver(Ag)	7440-22-4	100%
3	Adhering DAF	DAF	EM760	1.145512	0.20%	Silica	7631-86-9	>50
						Polyethylene	25038-56-9	<25
4	Gold Wire	Metal	AU	0.572756	0.10%	Gold	7440-57-5	100.000%
5	Compound	Resin	CEL-9200HF	406.65676	71.00%	Epoxy Resin 1	Trade secret	<8%
						Epoxy Resin 2	Trade secret	<2%
						Hardener 1	Trade secret	2-5%
						Hardener 2	Trade secret	<3%
						2,2-((3,3,5,5-Tetramethyl-1-(1,1-biphenyl)-bis(oxymethylene))-bis-pxirane	85954-11-6	2-6%
						Silica(Amorphous) 1	60676-86-0	77-87%
						Silica(Amorphous) 2	7631-86-9	0.1-15%
Carbon Black	1333-86-4	≤0.5%						
6	Plating	Metal	H99.99S-BALL	6.2430404	1.09%	Tin	7440-31-5	100.00%
				572.756	100.00%			