

## Material Data Declaration Sheet

<b>Part Number</b>	SDQAAG6W16XCWE9 KTMAG4B632BGCBAT KTMAG4B632BGIBAT
<b>Product Name</b>	DDR4 D1x 16Gb A-DIE x16 96B
<b>Product Total Weight (g)</b>	0,245

Part Name	Material Name	Substance Name	CAS N°	Substance Weight (g)	Homogeneous Material Level		Product Level	
					Percentage %	ppm	Percentage %	ppm
Epoxy Mold Compound	Silica/Epoxy Resin	Silica Fused	60676-86-0	0,1210	86	860000	42,4735	424734,6939
		Epoxy Resin	Trade Secret		8	80000	3,9510	39510,2041
		Phenol Resin	Trade Secret		5	50000	2,4694	24693,8776
		Carbon black	1333-86-4		1	10000	0,4939	4938,7755
Solder Ball	Solder Ball	Sn	7440-31-5	0,0344	97	970000	13,6196	136195,9184
		Silver	7440-22-4		2,5	25000	0,3510	3510,2041
		Copper	7440-50-8		0,5	5000	0,0702	702,0408
Silicon Die	Die	Silicon	7440-21-3	0,0065	100	1000000	2,6531	26530,6122
Substrate	CCL	Cured Epoxy Resin	Trade Secret	0,046500	15	150000	2,8469	28469,3878
		Inorganic Filler	60676-86-0		15	150000	2,8469	28469,3878
		Woven Glass Cloth	65997-17-3		20	200000	3,7959	37959,1837
		Copper Foil	Trade Secret		50	500000	9,4898	94897,9592
	Solder Mask	Acrylic Resin	Trade Secret	0,017600	40	400000	2,8735	28734,6939
		Pigment Yellow 147	4118-16-5		1	10000	0,0718	718,3673
		Pigment Blue 15	147-14-8		1	10000	0,0718	718,3673
		Aromatic Carbonyl Compounds	Trade Secret		3	30000	0,2155	2155,1020
		Filler : Barium Sulfate	7727-43-7		26	260000	1,8678	18677,5510
		Filler : Silicon Dioxide	7631-86-9		1	10000	0,0718	718,3673
		Filler : Talc containing no asbest fibers	14807-96-6		3	30000	0,2155	2155,1020
		Siloxanes and silicones	Trade Secret		3	30000	0,2155	2155,1020
		Dipropylene Glycol Monomethyl Ether	34590-94-8		3	30000	0,2155	2155,1020
		3-Methoxy-3-Methyl Butyl Acetate	103429-90-9		15	150000	1,0776	10775,5102
	Naphthalene	91-20-3	1	10000	0,0718	718,3673		
	Heavy Aromatic Solvent naphtha	64742-94-5	3	30000	0,2155	2155,1020		
	Cu Plating	Copper	7440-50-8	0,019100	100	1000000	7,7959	77959,1837

Elaborated by **Régia Calderoni**  
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 Revision **A**