

Material Data Declaration Sheet

Part Number	SDQC8G8W16XCWE9 KTDM8G4B632BGCBCCT KTDM8G4B632BGIBCT
Product Name	DDR4 D1x 8Gb C-DIE x16 96B BI
Product Total Weight (g)	0,190

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	0,0800	86	860000	36,2105	362105,2632	
		Epoxy Resin	Trade Secret		8	80000	3,3684	33684,2105	
		Phenol Resin	Trade Secret		5	50000	2,1053	21052,6316	
		Carbon black	1333-86-4		1	10000	0,4211	4210,5263	
Solder Ball	Solder Ball	Sn	7440-31-5	0,0344	97	970000	17,5621	175621,0526	
		Silver	7440-22-4		2,5	25000	0,4526	4526,3158	
		Copper	7440-50-8		0,5	5000	0,0905	905,2632	
Silicon Die	Die	Silicon	7440-21-3	0,0055	100	1000000	2,8947	28947,3684	
Substrate	CCL	Cured Epoxy Resin	Trade Secret	0,039600	15	150000	3,1263	31263,1579	
		Inorganic Filler	60676-86-0		15	150000	3,1263	31263,1579	
		Woven Glass Cloth	65997-17-3		20	200000	4,1684	41684,2105	
		Copper Foil	Trade Secret		50	500000	10,4211	104210,5263	
	Solder Mask	Solder Mask	Acrylic Resin	Trade Secret	0,014400	40	400000	3,0316	30315,7895
			Pigment Yellow 147	4118-16-5		1	10000	0,0758	757,8947
			Pigment Blue 15	147-14-8		1	10000	0,0758	757,8947
			Aromatic Carbonyl Compounds	Trade Secret		3	30000	0,2274	2273,6842
			Filler : Barium Sulfate	7727-43-7		26	260000	1,9705	19705,2632
			Filler : Silicon Dioxide	7631-86-9		1	10000	0,0758	757,8947
			Filler : Talc containing no asbest fibers	14807-96-6		3	30000	0,2274	2273,6842
			Siloxanes and silicones	Trade Secret		3	30000	0,2274	2273,6842
			Dipropylene Glycol Monomethyl Ether	34590-94-8		3	30000	0,2274	2273,6842
			3-Methoxy-3-Methyl Butyl Acetate	103429-90-9		15	150000	1,1368	11368,4211
			Naphthalene	91-20-3		1	10000	0,0758	757,8947
			Heavy Aromatic Solvent naphtha	64742-94-5		3	30000	0,2274	2273,6842
Cu Plating	Copper	7440-50-8	0,016100	100	1000000	8,4737	84736,8421		

Elaborated by Régia Calderoni
Emission Date August/16/2022
Revision B
Resision historic Added PNs "KTDM8G4B632BGCBCCT and KTDM8G4B632BGIBCT"