

Material Data Declaration Sheet

Part Number	SDQC8G6W08XCWE7 KTDM8G4B832BGCBCT KTDM8G4B832BGIBCT
Product Name	DDR4 D1x 8Gb C-DIE x8 78B BI
Product Total Weight (g)	0,160

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	0,0785	86	860000	42,1938	421937,5000
		Epoxy Resin	Trade Secret		8	80000	3,9250	39250,0000
		Phenol Resin	Trade Secret		5	50000	2,4531	24531,2500
		Carbon black	1333-86-4		1	10000	0,4906	4906,2500
Solder Ball	Solder Ball	Sn	7440-31-5	0,0280	97	970000	16,9750	169750,0000
		Silver	7440-22-4		2,5	25000	0,4375	4375,0000
		Copper	7440-50-8		0,5	5000	0,0875	875,0000
Silicon Die	Die	Silicon	7440-21-3	0,0050	100	1000000	3,1250	31250,0000
Substrate	CCL	Cured Epoxy Resin	Trade Secret	0,027530	15	150000	2,5809	25809,3750
		Inorganic Filler	60676-86-0		15	150000	2,5809	25809,3750
		Woven Glass Cloth	65997-17-3		20	200000	3,4413	34412,5000
		Copper Foil	Trade Secret		50	500000	8,6031	86031,2500
	Solder Mask	Acrylic Resin	Trade Secret	0,009980	40	400000	2,4950	24950,0000
		Pigment Yellow 147	4118-16-5		1	10000	0,0624	623,7500
		Pigment Blue 15	147-14-8		1	10000	0,0624	623,7500
		Aromatic Carbonyl Compounds	Trade Secret		3	30000	0,1871	1871,2500
		Filler : Barium Sulfate	7727-43-7		26	260000	1,6218	16217,5000
		Filler : Silicon Dioxide	7631-86-9		1	10000	0,0624	623,7500
		Filler : Talc containing no asbest fibers	14807-96-6		3	30000	0,1871	1871,2500
		Siloxanes and silicones	Trade Secret		3	30000	0,1871	1871,2500
		Dipropylene Glycol Monomethyl Ether	34590-94-8		3	30000	0,1871	1871,2500
		3-Methoxy-3-Methyl Butyl Acetate	103429-90-9		15	150000	0,9356	9356,2500
		Naphthalene	91-20-3		1	10000	0,0624	623,7500
		Heavy Aromatic Solvent naphtha	64742-94-5		3	30000	0,1871	1871,2500
Cu Plating	Copper	7440-50-8	0,011190	100	1000000	6,9938	69937,5000	

Elaborated by Régia Calderoni
Emission Date August/16/2022
Revision B
Resision historic Added PNs "KTDM8G4B832BGCBCT and KTDM8G4B832BGIBCT"