

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC267D-40F200S BC	**Issued**	12. September 2019
MA#	MA005401436		
Package	PG-LFBGA-292-6	**Weight***	933.74 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	17.078	1.83	1.83	18290	18290
wire	noble metal	palladium	7440-05-3	0.014	0.00		15	
	non noble metal	copper	7440-50-8	1.407	0.15	0.15	1507	1522
encapsulation	organic material	carbon black	1333-86-4	0.718	0.08		769	
	plastics	epoxy resin	-	49.534	5.30		53048	
	inorganic material	silicondioxide	60676-86-0	308.688	33.09	38.47	330592	384409
substrate	plastics	epoxy resin	-	6.479	0.69		6939	
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10647	
	plastics	acrylic resin	-	11.506	1.23		12322	
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.70		57045	
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.55		65496	
	inorganic material	glass fibre	-	82.857	8.87		88736	
	non noble metal	copper	7440-50-8	196.577	21.05	45.15	210526	451711
plating	noble metal	gold	7440-57-5	1.106	0.12		1184	
	non noble metal	nickel	7440-02-0	3.027	0.32	0.44	3242	4426
solderball	noble metal	silver	7440-22-4	4.457	0.48		4774	
	non noble metal	tin	7440-31-5	122.898	13.16	13.64	131619	136393
glue	plastics	epoxy resin	-	0.758	0.08		812	
	noble metal	silver	7440-22-4	2.275	0.24	0.32	2437	3249
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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