



Material Content Data Sheet



Sales Product Name				SAK-TC297T-96F300N BC		Issued		13. August 2019	
MA#				MA003723418					
Package				PG-LFBGA-292-6		Weight*		937.64 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	36.614	3.90	3.90	39049	39049	
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	1501	1516	
encapsulation	organic material	carbon black	1333-86-4	0.681	0.07		726		
	plastics	epoxy resin	-	46.997	5.01		50123		
	inorganic material	silicondioxide	60676-86-0	292.883	31.24	36.32	312361	363210	
substrate	plastics	epoxy resin	-	6.479	0.69		6910		
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10603		
	plastics	acrylic resin	-	11.506	1.23		12271		
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.68		56808		
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.52		65224		
	inorganic material	glass fibre	-	82.857	8.84		88368		
	non noble metal	copper	7440-50-8	196.577	20.97	44.99	209651	449835	
plating	noble metal	gold	7440-57-5	1.106	0.12		1180		
	non noble metal	nickel	7440-02-0	3.027	0.32	0.44	3229	4409	
solderball	noble metal	silver	7440-22-4	4.457	0.48		4754		
	non noble metal	tin	7440-31-5	122.898	13.11	13.59	131072	135826	
glue	plastics	epoxy resin	-	1.443	0.15		1539		
	noble metal	silver	7440-22-4	4.328	0.46	0.61	4616	6155	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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