



## Material Content Data Sheet



Sales Product Name	SAK-TC297TP-96F300S BB			Issued		20. July 2018		
MA#	MA001479676							
Package	PG-LFBGA-292-6			Weight*		938.00 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	39034	39034
wire	noble metal	palladium	7440-05-3	0.014	0.00		15	
	non noble metal	copper	7440-50-8	1.396	0.15	0.15	1488	1503
encapsulation	organic material	carbon black	1333-86-4	0.681	0.07		726	
	plastics	epoxy resin	-	46.985	5.01		50090	
	inorganic material	silicondioxide	60676-86-0	292.804	31.22	36.30	312156	362972
substrate	plastics	epoxy resin	-	6.479	0.69		6907	
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10599	
	plastics	acrylic resin	-	11.506	1.23		12266	
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.68		56786	
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.52		65199	
	inorganic material	glass fibre	-	82.857	8.83		88333	
	non noble metal	copper	7440-50-8	196.577	20.96	44.97	209570	449660
plating	noble metal	gold	7440-57-5	1.231	0.13		1313	
	non noble metal	nickel	7440-02-0	3.370	0.36	0.49	3593	4906
solderball	noble metal	silver	7440-22-4	4.457	0.48		4752	
	non noble metal	tin	7440-31-5	122.898	13.10	13.58	131021	135773
glue	plastics	epoxy resin	-	1.443	0.15		1538	
	noble metal	silver	7440-22-4	4.328	0.46	0.61	4614	6152
*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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