

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC297TP-128F300S BC	**Issued**	18. August 2019
MA#	MA005343018		
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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com