

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC297TP-96F300N BC	**Issued**	03. June 2021
MA#	MA005564313		
Package	PG-LFBGA-292-10	**Weight***	982.14 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	38.541	3.92	3.92	39242	39242
wire	noble metal	palladium	7440-05-3	0.020			20	
	non noble metal	copper	7440-50-8	1.976	0.20	0.20	2012	2032
encapsulation	organic material	carbon black	1333-86-4	0.677	0.07		690	
	plastics	epoxy resin	-	46.739	4.76		47589	
	inorganic material	silicondioxide	60676-86-0	291.273	29.66	34.49	296568	344847
substrate	inorganic material	bariumsulfate	7727-43-7	9.349	0.95		9519	
	plastics	acrylic resin	-	10.820	1.10		11016	
	non noble metal	metal hydroxide	-	12.990	1.32		13226	
	inorganic material	amorphous silica	7631-86-9	25.979	2.65		26451	
	plastics	epoxy resin	-	45.061	4.59		45881	
	inorganic material	glass fibre wool	65997-17-3	51.958	5.29		52903	
	non noble metal	copper	7440-50-8	310.560	31.62	47.52	316206	475202
plating	noble metal	gold	7440-57-5	1.136	0.12		1157	
	non noble metal	nickel	7440-02-0	3.110	0.32	0.44	3167	4324
solderball	noble metal	silver	7440-22-4	4.411	0.45		4491	
	non noble metal	tin	7440-31-5	121.620	12.38	12.83	123831	128322
glue	plastics	epoxy resin	-	1.481	0.15		1508	
	noble metal	silver	7440-22-4	4.442	0.45	0.60	4523	6031
*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 Neubiberg
Internet	www.infineon.com