



Material Content Data Sheet



Sales Product Name				SAK-TC297TA-64F300S BC		Issued		13. August 2019	
MA#				MA005350599					
Package				PG-LFBGA-292-6		Weight*		940.68 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	52.040	5.53	5.53	55322	55322	
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	1496	1511	
encapsulation	organic material	carbon black	1333-86-4	0.652	0.07		693		
	plastics	epoxy resin	-	45.002	4.78		47840		
	inorganic material	silicondioxide	60676-86-0	280.446	29.82	34.67	298131	346664	
substrate	plastics	epoxy resin	-	6.479	0.69		6887		
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10569		
	plastics	acrylic resin	-	11.506	1.22		12231		
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.66		56625		
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.50		65013		
	inorganic material	glass fibre	-	82.857	8.81		88083		
	non noble metal	copper	7440-50-8	196.577	20.90	44.84	208974	448382	
plating	noble metal	gold	7440-57-5	1.106	0.12		1176		
	non noble metal	nickel	7440-02-0	3.027	0.32	0.44	3218	4394	
solderball	noble metal	silver	7440-22-4	4.457	0.47		4739		
	non noble metal	tin	7440-31-5	122.898	13.06	13.53	130649	135388	
glue	plastics	epoxy resin	-	1.961	0.21		2085		
	noble metal	silver	7440-22-4	5.883	0.63	0.84	6254	8339	
*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.
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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

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