



Material Content Data Sheet



Sales Product Name				SAK-TC297TA-128F300N BC		Issued		20. July 2018	
MA#				MA001650312					
Package				PG-LFBGA-292-6		Weight*		941.04 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	55301	55301	
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	1484	1499	
encapsulation	organic material	carbon black	1333-86-4	0.652	0.07		693		
	plastics	epoxy resin	-	44.989	4.78		47808		
	inorganic material	silicondioxide	60676-86-0	280.368	29.79	34.64	297932	346433	
substrate	plastics	epoxy resin	-	6.479	0.69		6885		
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10565		
	plastics	acrylic resin	-	11.506	1.22		12226		
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.66		56602		
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.50		64988		
	inorganic material	glass fibre	-	82.857	8.80		88048		
	non noble metal	copper	7440-50-8	196.577	20.89	44.82	208893	448207	
plating	noble metal	gold	7440-57-5	1.231	0.13		1308		
	non noble metal	nickel	7440-02-0	3.370	0.36	0.49	3582	4890	
solderball	noble metal	silver	7440-22-4	4.457	0.47		4737		
	non noble metal	tin	7440-31-5	122.898	13.06	13.53	130598	135335	
glue	plastics	epoxy resin	-	1.961	0.21		2084		
	noble metal	silver	7440-22-4	5.883	0.63	0.84	6251	8335	
*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