



Material Content Data Sheet



Sales Product Name				SAK-TC267D-40F200N BC		Issued		19. January 2018	
MA#				MA001672874					
Package				PG-LFBGA-292-6		Weight*		934.11 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	17.078	1.83	1.83	18283	18283	
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	1495	1510	
encapsulation	organic material	carbon black	1333-86-4	0.718	0.08		768		
	plastics	epoxy resin	-	49.521	5.30		53014		
substrate	inorganic material	silicondioxide	60676-86-0	308.610	33.05	38.43	330378	384160	
	plastics	epoxy resin	-	6.479	0.69		6936		
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10643		
	plastics	acrylic resin	-	11.506	1.23		12317		
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.70		57023		
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.55		65470		
plating	inorganic material	glass fibre	-	82.857	8.87		88702		
	non noble metal	copper	7440-50-8	196.577	21.04	45.14	210443	451534	
solderball	noble metal	gold	7440-57-5	1.231	0.13		1318		
	non noble metal	nickel	7440-02-0	3.370	0.36	0.49	3608	4926	
glue	noble metal	silver	7440-22-4	4.457	0.48		4772		
	non noble metal	tin	7440-31-5	122.898	13.16	13.64	131567	136339	
*deviation	plastics	epoxy resin	-	0.758	0.08		812		
	noble metal	silver	7440-22-4	2.275	0.24	0.32	2436	3248	
						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

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