



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	SAK-TC267D-40F200S BC	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA001714686		
<b>Package</b>	PG-LFBGA-292-6	<b>Weight*</b>	933.74 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	18290	18290
wire	noble metal	palladium	7440-05-3	0.014			15	
	non noble metal	copper	7440-50-8	1.407	0.15	0.15	1507	1522
encapsulation	organic material	carbon black	1333-86-4	0.718	0.08		769	
	plastics	epoxy resin	-	49.534	5.30		53048	
	inorganic material	silicondioxide	60676-86-0	308.688	33.09	38.47	330592	384409
substrate	plastics	epoxy resin	-	6.479	0.69		6939	
	inorganic material	bariumsulfate	7727-43-7	9.942	1.06		10647	
	plastics	acrylic resin	-	11.506	1.23		12322	
	inorganic material	aluminiumhydroxide	21645-51-2	53.265	5.70		57045	
	plastics	epoxy bismaleimide triazine resin	-	61.156	6.55		65496	
	inorganic material	glass fibre	-	82.857	8.87		88736	
	non noble metal	copper	7440-50-8	196.577	21.05	45.15	210526	451711
plating	noble metal	gold	7440-57-5	1.106	0.12		1184	
	non noble metal	nickel	7440-02-0	3.027	0.32	0.44	3242	4426
solderball	noble metal	silver	7440-22-4	4.457	0.48		4774	
	non noble metal	tin	7440-31-5	122.898	13.16	13.64	131619	136393
glue	plastics	epoxy resin	-	0.758	0.08		812	
	noble metal	silver	7440-22-4	2.275	0.24	0.32	2437	3249
*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