



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	SAK-TC337LP-32F200S AA	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA005549935		
<b>Package</b>	PG-LFBGA-292-11	<b>Weight*</b>	857.59 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	9.583	1.12	1.12	11174	11174
wire	noble metal	palladium	7440-05-3	0.017			20	
	non noble metal	copper	7440-50-8	1.711	0.20	0.20	1995	2015
encapsulation	organic material	carbon black	1333-86-4	0.732	0.09		853	
	plastics	epoxy resin	-	50.503	5.89		58890	
	inorganic material	silicondioxide	60676-86-0	314.731	36.68	42.66	366995	426738
substrate	inorganic material	bariumsulfate	7727-43-7	10.803	1.26		12597	
	plastics	acrylic resin	-	12.502	1.46		14578	
	non noble metal	metal hydroxide	-	14.262	1.66		16630	
	inorganic material	amorphous silica	7631-86-9	28.524	3.33		33261	
	plastics	epoxy resin	-	49.826	5.81		58101	
	inorganic material	glass fibre wool	65997-17-3	57.049	6.65		66522	
	non noble metal	copper	7440-50-8	189.158	22.06	42.23	220569	422258
plating	noble metal	gold	7440-57-5	1.136	0.13		1325	
	non noble metal	nickel	7440-02-0	3.110	0.36	0.49	3627	4952
solderball	noble metal	silver	7440-22-4	3.921	0.46		4572	
	non noble metal	tin	7440-31-5	108.111	12.61	13.07	126064	130636
glue	plastics	epoxy resin	-	0.477	0.06		557	
	noble metal	silver	7440-22-4	1.432	0.17	0.23	1670	2227
*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