

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-TC399XE-256F300S BD	**Issued**	18. May 2021
MA#	MA005435335		
Package	PG-LFBGA-516-10	**Weight***	2072.56 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	47.237	2.28	2.28	22792	22792
wire	noble metal	palladium	7440-05-3	0.031			15	
	non noble metal	copper	7440-50-8	3.051	0.15	0.15	1472	1487
encapsulation	organic material	carbon black	1333-86-4	1.534	0.07		740	
	plastics	epoxy resin	-	105.862	5.11		51078	
	inorganic material	silicondioxide	60676-86-0	659.720	31.83	37.01	318311	370129
substrate	inorganic material	bariumsulfate	7727-43-7	25.494	1.23		12301	
	non noble metal	metal hydroxide	-	27.781	1.34		13404	
	plastics	acrylic resin	-	29.504	1.42		14236	
	inorganic material	amorphous silica	7631-86-9	55.562	2.68		26809	
	plastics	epoxy resin	-	99.958	4.82		48229	
	inorganic material	glass fibre wool	65997-17-3	111.125	5.36		53617	
	non noble metal	copper	7440-50-8	666.147	32.14	48.99	321412	490008
plating	noble metal	gold	7440-57-5	1.992	0.10		961	
	non noble metal	nickel	7440-02-0	5.453	0.26	0.36	2631	3592
solderball	noble metal	silver	7440-22-4	7.877	0.38		3801	
	non noble metal	tin	7440-31-5	217.176	10.48	10.86	104786	108587
glue	plastics	epoxy resin	-	1.764	0.09		851	
	noble metal	silver	7440-22-4	5.292	0.26	0.35	2554	3405
*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