



Material Content Data Sheet



Halogen-Free

Sales Product Name SAK-TC357TH-64F300S AB

Issued

23. June 2021

MA# MA005448795

Package PG-LFBGA-292-13

Weight*

878.87 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	20.775	2.36	2.36	23638	23638
wire	noble metal	palladium	7440-05-3	0.015			17	
	non noble metal	copper	7440-50-8	1.502	0.17	0.17	1709	1726
encapsulation	organic material	carbon black	1333-86-4	0.711	0.08		809	
	plastics	epoxy resin	-	49.053	5.58		55813	
	inorganic material	silicondioxide	60676-86-0	305.690	34.79	40.45	347822	404444
substrate	inorganic material	bariumsulfate	7727-43-7	10.509	1.20		11958	
	plastics	acrylic resin	-	12.162	1.38		13839	
	non noble metal	metal hydroxide	-	14.262	1.62		16228	
	inorganic material	amorphous silica	7631-86-9	28.524	3.25		32456	
	plastics	epoxy resin	-	49.635	5.65		56476	
	inorganic material	glass fibre wool	65997-17-3	57.049	6.49		64911	
	non noble metal	copper	7440-50-8	193.849	22.06	41.65	220566	416434
plating	noble metal	gold	7440-57-5	1.136	0.13		1293	
	non noble metal	nickel	7440-02-0	3.110	0.35	0.48	3539	4832
solderball	noble metal	silver	7440-22-4	4.457	0.51		5072	
	non noble metal	tin	7440-31-5	122.898	13.98	14.49	139837	144909
glue	plastics	epoxy resin	-	0.883	0.10		1004	
	noble metal	silver	7440-22-4	2.648	0.30	0.40	3013	4017
*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