

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-C505CA-2RM CA	**Issued**	05. June 2021
MA#	MA001327156		
Package	PG-MQFP-44-2	**Weight***	505.83 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	11.934	2.36	2.36	23594	23594
leadframe	non noble metal	magnesium	7439-95-4	0.199	0.04		393	
	inorganic material	silicon	7440-21-3	0.860	0.17		1701	
	non noble metal	nickel	7440-02-0	3.971	0.79		7851	
	non noble metal	copper	7440-50-8	127.353	25.18	26.18	251771	261716
wire	noble metal	gold	7440-57-5	2.301	0.45	0.45	4548	4548
encapsulation	organic material	carbon black	1333-86-4	1.040	0.21		2055	
	plastics	epoxy resin	-	44.007	8.70		87000	
	inorganic material	silicondioxide	60676-86-0	301.465	59.59	68.50	595983	685038
leadfinish	non noble metal	tin	7440-31-5	5.710	1.13	1.13	11289	11289
plating	noble metal	silver	7440-22-4	3.751	0.74	0.74	7415	7415
glue	plastics	acrylic resin	-	0.648	0.13		1280	
	noble metal	silver	7440-22-4	2.590	0.51	0.64	5120	6400
*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.
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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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