

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAB-C505CA-4EM CA	**Issued**	13. April 2021
MA#	MA000107826		
Package	PG-MQFP-44-2	**Weight***	507.93 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	25.509	5.02	5.02	50221	50221
leadframe	non noble metal	magnesium	7439-95-4	0.199	0.04		391	
	inorganic material	silicon	7440-21-3	0.860	0.17		1694	
	non noble metal	nickel	7440-02-0	3.971	0.78		7819	
	non noble metal	copper	7440-50-8	127.353	25.07	26.06	250727	260631
wire	noble metal	gold	7440-57-5	1.548	0.30	0.30	3047	3047
encapsulation	organic material	carbon black	1333-86-4	1.002	0.20		1972	
	plastics	epoxy resin	-	42.401	8.35		83478	
	inorganic material	silicondioxide	60676-86-0	290.465	57.20	65.75	571856	657306
leadfinish	non noble metal	tin	7440-31-5	5.710	1.12	1.12	11242	11242
plating	noble metal	silver	7440-22-4	3.751	0.74	0.74	7385	7385
glue	plastics	acrylic resin	-	1.033	0.20		2034	
	noble metal	silver	7440-22-4	4.132	0.81	1.01	8134	10168
*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