

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAF-C505CA-LM CA	**Issued**	05. June 2021
MA#	MA001324554		
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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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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