

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAB-C161PI-LM CA	**Issued**	03. February 2022
MA#	MA000733216		
Package	PG-MQFP-100-2	**Weight***	1786.97 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	16.129	0.90	0.90	9026	9026
leadframe	non noble metal	magnesium	7439-95-4	0.538	0.03		301	
	inorganic material	silicon	7440-21-3	2.331	0.13		1304	
	non noble metal	nickel	7440-02-0	10.756	0.60		6019	
	non noble metal	copper	7440-50-8	344.917	19.30	20.06	193018	200642
wire	noble metal	gold	7440-57-5	3.785	0.21	0.21	2118	2118
encapsulation	organic material	carbon black	1333-86-4	6.916	0.39		3870	
	plastics	epoxy resin	-	200.572	11.22		112242	
	inorganic material	silicondioxide	60676-86-0	1,175.768	65.82	77.43	657968	774080
leadfinish	non noble metal	tin	7440-31-5	19.520	1.09	1.09	10924	10924
plating	noble metal	silver	7440-22-4	1.857	0.10	0.10	1039	1039
glue	plastics	epoxy resin	-	0.970	0.05		543	
	noble metal	silver	7440-22-4	2.910	0.16	0.21	1628	2171
*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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