

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAF-C161PI-LF CA	**Issued**	17. June 2021
MA#	MA000097543		
Package	PG-TQFP-100-1	**Weight***	680.69 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	12.734	1.87	1.87	18707	18707
leadframe	non noble metal	nickel	7440-02-0	70.395	10.34		103416	
	non noble metal	iron	7439-89-6	97.212	14.28	24.62	142813	246229
wire	noble metal	gold	7440-57-5	4.040	0.59	0.59	5936	5936
encapsulation	organic material	carbon black	1333-86-4	1.446	0.21		2124	
	plastics	epoxy resin	-	61.215	8.99		89931	
	inorganic material	silicondioxide	60676-86-0	419.348	61.62	70.82	616060	708115
leadfinish	non noble metal	tin	7440-31-5	6.201	0.91	0.91	9109	9109
plating	noble metal	silver	7440-22-4	5.282	0.78	0.78	7760	7760
glue	plastics	acrylic resin	-	0.564	0.08		829	
	noble metal	silver	7440-22-4	2.256	0.33	0.41	3315	4144
*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.

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