

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICB2FL03G	**Issued**	25. June 2021
MA#	MA005559684		
Package	PG-DSO-16-23	**Weight***	153.62 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.615	0.40	0.40	4001	4001
chip_2	inorganic material	silicon	7440-21-3	0.615	0.40	0.40	4001	4001
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		107	
	non noble metal	zinc	7440-66-6	0.066	0.04		427	
	non noble metal	iron	7439-89-6	1.311	0.85		8536	
	non noble metal	copper	7440-50-8	53.247	34.66	35.56	346610	355680
wire	noble metal	gold	7440-57-5	0.356	0.23	0.23	2320	2320
encapsulation	organic material	carbon black	1333-86-4	0.285	0.19		1857	
	plastics	epoxy resin	-	9.223	6.00		60034	
	inorganic material	silicondioxide	60676-86-0	85.570	55.70	61.89	557015	618906
leadfinish	non noble metal	tin	7440-31-5	1.530	1.00	1.00	9961	9961
plating	noble metal	silver	7440-22-4	0.226	0.15	0.15	1469	1469
glue	plastics	acrylic resin	-	0.124	0.08		806	
	noble metal	silver	7440-22-4	0.439	0.29	0.37	2856	3662
*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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