

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICB1FL02G	**Issued**	9. January 2019
MA#	MA004622644		
Package	PG-DSO-18-2	**Weight***	592.01 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	3.868	0.65	0.65	6534	6534
chip_2	inorganic material	silicon	7440-21-3	1.460	0.25	0.25	2466	2466
leadframe	inorganic material	phosphorus	7723-14-0	0.042	0.01		71	
	non noble metal	zinc	7440-66-6	0.169	0.03		285	
	non noble metal	iron	7439-89-6	3.377	0.57		5704	
	non noble metal	copper	7440-50-8	137.116	23.16	23.77	231610	237670
wire	noble metal	gold	7440-57-5	0.623	0.11	0.11	1053	1053
encapsulation	organic material	carbon black	1333-86-4	0.876	0.15		1480	
	plastics	epoxy resin	-	40.295	6.81		68065	
	inorganic material	silicondioxide	60676-86-0	396.821	67.01	73.97	670294	739839
leadfinish	non noble metal	tin	7440-31-5	2.998	0.51	0.51	5064	5064
plating	noble metal	silver	7440-22-4	1.382	0.23	0.23	2334	2334
glue	plastics	epoxy resin	-	0.746	0.13		1260	
	noble metal	silver	7440-22-4	2.238	0.38	0.51	3780	5040
*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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