

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICL5101	**Issued**	25. June 2021
MA#	MA005561671		
Package	PG-DSO-16-23	**Weight***	153.97 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	3992	3992
chip_2	inorganic material	silicon	7440-21-3	2.151	1.40	1.40	13973	13973
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		106	
	non noble metal	zinc	7440-66-6	0.066	0.04		426	
	non noble metal	iron	7439-89-6	1.311	0.85		8517	
	non noble metal	copper	7440-50-8	53.247	34.58	35.48	345825	354874
wire	noble metal	gold	7440-57-5	0.353	0.23	0.23	2295	2295
encapsulation	organic material	carbon black	1333-86-4	0.281	0.18		1822	
	plastics	epoxy resin	-	9.072	5.89		58923	
	inorganic material	silicondioxide	60676-86-0	84.178	54.68	60.75	546713	607458
leadfinish	non noble metal	tin	7440-31-5	1.530	0.99	0.99	9938	9938
plating	noble metal	silver	7440-22-4	0.226	0.15	0.15	1466	1466
glue	plastics	acrylic resin	-	0.203	0.13		1321	
	noble metal	silver	7440-22-4	0.721	0.47	0.60	4683	6004
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com