

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICL5102	**Issued**	25. June 2021
MA#	MA005561698		
Package	PG-DSO-16-23	**Weight***	154.31 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	3983	3983
chip_2	inorganic material	silicon	7440-21-3	2.151	1.39	1.39	13943	13943
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		106	
	non noble metal	zinc	7440-66-6	0.066	0.04		425	
	non noble metal	iron	7439-89-6	1.311	0.85		8498	
	non noble metal	copper	7440-50-8	53.247	34.51	35.41	345072	354101
wire	noble metal	gold	7440-57-5	0.728	0.47	0.47	4719	4719
encapsulation	organic material	carbon black	1333-86-4	0.280	0.18		1818	
	plastics	epoxy resin	-	9.069	5.88		58771	
	inorganic material	silicondioxide	60676-86-0	84.142	54.53	60.59	545294	605883
leadfinish	non noble metal	tin	7440-31-5	1.530	0.99	0.99	9917	9917
plating	noble metal	silver	7440-22-4	0.226	0.15	0.15	1463	1463
glue	plastics	acrylic resin	-	0.203	0.13		1318	
	noble metal	silver	7440-22-4	0.721	0.47	0.60	4673	5991
*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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