

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICL8002G	**Issued**	27. April 2022
MA#	MA005725164		
Package	PG-DSO-8-42	**Weight***	81.60 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	1.024	1.25	1.25	12550	12550
chip_2	inorganic material	silicon	7440-21-3	0.223	0.27	0.27	2734	2734
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.035	0.04		432	
	non noble metal	iron	7439-89-6	0.705	0.86		8639	
	non noble metal	copper	7440-50-8	28.624	35.08	35.99	350796	359975
wire	noble metal	gold	7440-57-5	0.170	0.21	0.21	2083	2083
encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1812	
	plastics	epoxy resin	-	4.780	5.86		58577	
	inorganic material	silicondioxide	60676-86-0	44.347	54.36	60.40	543497	603886
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	9974	9974
plating	noble metal	silver	7440-22-4	0.084	0.10	0.10	1034	1034
glue	plastics	acrylic resin	-	0.127	0.16		1553	
	noble metal	silver	7440-22-4	0.507	0.62	0.78	6211	7764
*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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