



Material Content Data Sheet



Halogen-Free

Sales Product Name	ICL8001G	Issued	23. June 2021
MA#	MA005544878		
Package	PG-DSO-8-42	Weight*	81.83 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	12514	12514
chip_2	inorganic material	silicon	7440-21-3	1.024	1.25	1.25	12514	12514
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.035	0.04		431	
	non noble metal	iron	7439-89-6	0.705	0.86		8615	
	non noble metal	copper	7440-50-8	28.624	34.98	35.89	349791	358945
wire	noble metal	gold	7440-57-5	0.167	0.20	0.20	2038	2038
encapsulation	organic material	carbon black	1333-86-4	0.145	0.18		1775	
	plastics	epoxy resin	-	4.696	5.74		57388	
	inorganic material	silicondioxide	60676-86-0	43.572	53.26	59.18	532470	591633
leadfinish	non noble metal	tin	7440-31-5	0.814	0.99	0.99	9945	9945
plating	noble metal	silver	7440-22-4	0.084	0.10	0.10	1031	1031
glue	plastics	acrylic resin	-	0.186	0.23		2276	
	noble metal	silver	7440-22-4	0.745	0.91	1.14	9104	11380
*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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