

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICL8201	**Issued**	08. February 2022
MA#	MA005618689		
Package	PG-SOT23-6-1	**Weight***	18.51 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.361	1.95	1.95	19502	19502
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		118	
	non noble metal	zinc	7440-66-6	0.009	0.05		472	
	non noble metal	iron	7439-89-6	0.175	0.94		9440	
	non noble metal	copper	7440-50-8	7.097	38.33	39.33	383319	393349
wire	noble metal	gold	7440-57-5	0.056	0.30	0.30	3039	3039
encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1078	
	plastics	epoxy resin	-	1.526	8.24		82432	
	inorganic material	silicondioxide	60676-86-0	8.429	45.54	53.89	455262	538772
leadfinish	non noble metal	tin	7440-31-5	0.465	2.51	2.51	25106	25106
plating	noble metal	silver	7440-22-4	0.167	0.90	0.90	9024	9024
glue	plastics	acrylic resin	-	0.046	0.25		2466	
	noble metal	silver	7440-22-4	0.162	0.87	1.12	8742	11208
*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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