



## Material Content Data Sheet



<b>Sales Product Name</b>		ICL8201		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA001303674						
<b>Package</b>		PG-SOT23-6-1		<b>Weight*</b>		18.67 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	1.93	1.93	19341	19341
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		117	
	non noble metal	zinc	7440-66-6	0.009	0.05		468	
	non noble metal	iron	7439-89-6	0.175	0.94		9363	
wire	non noble metal	copper	7440-50-8	7.097	38.02	39.02	380162	390110
	noble metal	gold	7440-57-5	0.227	1.22	1.22	12176	12176
	encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1067
encapsulation	plastics	epoxy resin	-	1.523	8.16		81612	
	inorganic material	silicondioxide	60676-86-0	8.414	45.06	53.33	450730	533409
leadfinish	non noble metal	tin	7440-31-5	0.465	2.49	2.49	24899	24899
plating	noble metal	silver	7440-22-4	0.167	0.90	0.90	8950	8950
glue	plastics	acrylic resin	-	0.046	0.24		2445	
	noble metal	silver	7440-22-4	0.162	0.87	1.11	8670	11115
*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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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

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