



Material Content Data Sheet



Sales Product Name		ICL8105		Issued		19. July 2018		
MA#		MA001417796						
Package		PG-DSO-8-58		Weight*		81.60 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	1.789	2.19	2.19	21928	21928
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		8640	
wire	non noble metal	copper	7440-50-8	28.624	35.08	35.99	350801	359981
	non noble metal	copper	7440-50-8	0.047	0.06		576	
	noble metal	palladium	7440-05-3	0.000	0.00	0.06	6	582
encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1793	
	plastics	epoxy resin	-	4.731	5.80		57979	
	inorganic material	silicondioxide	60676-86-0	43.894	53.81	59.79	537948	597720
leadfinish	non noble metal	tin	7440-31-5	0.824	1.01	1.01	10099	10099
plating	noble metal	silver	7440-22-4	0.084	0.10	0.10	1034	1034
glue	plastics	acrylic resin	-	0.141	0.17		1731	
	noble metal	silver	7440-22-4	0.565	0.69	0.86	6925	8656
*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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