



Material Content Data Sheet



Sales Product Name		TLE4253GS		Issued		27. September 2017		
MA#		MA001172472						
Package		PG-DSO-8-28		Weight*		83.25 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	2.205	2.65	2.65	26483	26483
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		431	
	non noble metal	iron	7439-89-6	0.717	0.86		8615	
wire	non noble metal	copper	7440-50-8	29.121	34.98	35.89	349813	358967
	noble metal	gold	7440-57-5	0.152	0.18	0.18	1830	1830
	encapsulation	organic material	carbon black	1333-86-4	0.097	0.12		1161
encapsulation	plastics	epoxy resin	-	4.446	5.34		53408	
	inorganic material	silicondioxide	60676-86-0	43.784	52.60	58.06	525954	580523
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9776	9776
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7811	7811
glue	plastics	acrylic resin	-	0.268	0.32		3214	
	noble metal	silver	7440-22-4	0.949	1.14	1.46	11396	14610
*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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