



Material Content Data Sheet



Sales Product Name	TLE7718G			Issued	25. September 2017			
MA#	MA001356176							
Package	PG-DSO-52-4			Weight*	872.01 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	27.549	3.16	3.16	31592	31592
leadframe	inorganic material	phosphorus	7723-14-0	0.073	0.01		84	
	non noble metal	zinc	7440-66-6	0.293	0.03		336	
	non noble metal	iron	7439-89-6	5.854	0.67		6713	
wire	non noble metal	copper	7440-50-8	237.701	27.26	27.97	272591	279724
	noble metal	gold	7440-57-5	3.083	0.35	0.35	3536	3536
	encapsulation	organic material	carbon black	1333-86-4	1.163	0.13		1333
encapsulation	plastics	epoxy resin	-	53.484	6.13		61334	
	inorganic material	silicondioxide	60676-86-0	526.700	60.41	66.67	604009	666676
leadfinish	non noble metal	tin	7440-31-5	7.602	0.87	0.87	8718	8718
plating	noble metal	silver	7440-22-4	0.968	0.11	0.11	1110	1110
glue	plastics	epoxy resin	-	1.885	0.22		2161	
	noble metal	silver	7440-22-4	5.654	0.65	0.87	6483	8644
*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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