



Material Content Data Sheet



Sales Product Name		TLE4207G		Issued		25. September 2017		
MA#		MA000808860						
Package		PG-DSO-14-22		Weight*		142.90 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	2.947	2.06	2.06	20620	20620
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		106	
	non noble metal	zinc	7440-66-6	0.060	0.04		422	
	non noble metal	iron	7439-89-6	1.207	0.84		8446	
wire	non noble metal	copper	7440-50-8	49.007	34.29	35.18	342941	351915
	noble metal	gold	7440-57-5	0.220	0.15	0.15	1538	1538
	encapsulation	organic material	carbon black	1333-86-4	0.173	0.12		1209
plastics		epoxy resin	-	7.949	5.56		55623	
	inorganic material	silicondioxide	60676-86-0	78.276	54.80	60.48	547764	604596
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8580	8580
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7206	7206
glue	plastics	acrylic resin	-	0.174	0.12		1220	
	noble metal	silver	7440-22-4	0.618	0.43	0.55	4325	5545
*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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