



Material Content Data Sheet



Sales Product Name		TLE4209G		Issued		20. July 2018		
MA#		MA000727098						
Package		PG-DSO-14-22		Weight*		142.95 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	3.173	2.22	2.22	22199	22199
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		8443	
wire	non noble metal	copper	7440-50-8	49.007	34.28	35.17	342831	351802
	noble metal	gold	7440-57-5	0.220	0.15	0.15	1540	1540
	encapsulation	organic material	carbon black	1333-86-4	0.172	0.12		1206
plastics		epoxy resin	-	7.928	5.55		55461	
	inorganic material	silicondioxide	60676-86-0	78.073	54.62	60.29	546166	602833
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8578	8578
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7204	7204
glue	plastics	acrylic resin	-	0.184	0.13		1286	
	noble metal	silver	7440-22-4	0.652	0.46	0.59	4558	5844
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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