



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE4262GM	Issued	03. April 2021
MA#	MA001668470		
Package	PG-DSO-14-61	Weight*	142.29 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	1.751	1.23	1.23	12308	12308
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		108	
	non noble metal	zinc	7440-66-6	0.061	0.04		432	
	non noble metal	iron	7439-89-6	1.229	0.86		8636	
	non noble metal	copper	7440-50-8	49.897	35.07	35.98	350674	359850
wires	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.102	0.07	0.07	720	727
encapsulation	organic material	carbon black	1333-86-4	0.256	0.18		1798	
	plastics	epoxy resin	-	9.978	7.01		70122	
	inorganic material	silicondioxide	60676-86-0	75.045	52.75	59.94	527417	599337
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		144	
	noble metal	gold	7440-57-5	0.033	0.02		231	
	non noble metal	nickel	7440-02-0	0.719	0.51	0.54	5056	5431
plating	noble metal	palladium	7440-05-3	0.066	0.05		467	
	noble metal	gold	7440-57-5	0.107	0.08		750	
	non noble metal	nickel	7440-02-0	2.338	1.64	1.77	16431	17648
glue	plastics	epoxy resin	-	0.167	0.12		1175	
	noble metal	silver	7440-22-4	0.501	0.35	0.47	3524	4699
*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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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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