

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4961-1K	**Issued**	11. December 2019
MA#	MA003975628		
Package	PG-SC59-3-5	**Weight***	13.97 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	0.545	3.90	3.90	39018	39018
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		75	
	non noble metal	titanium	7440-32-6	0.005	0.04		377	
	non noble metal	chromium	7440-47-3	0.016	0.11		1129	
	non noble metal	copper	7440-50-8	5.236	37.49	37.65	374901	376482
wire	noble metal	gold	7440-57-5	0.024	0.17	0.17	1722	1722
encapsulation	organic material	carbon black	1333-86-4	0.074	0.53		5306	
	plastics	epoxy resin	-	1.593	11.41		114085	
	inorganic material	silicondioxide	60676-86-0	5.743	41.12	53.06	411237	530628
leadfinish	non noble metal	tin	7440-31-5	0.255	1.83	1.83	18277	18277
plating	noble metal	silver	7440-22-4	0.158	1.13	1.13	11279	11279
glue	plastics	epoxy resin	-	0.055	0.40		3954	
	noble metal	silver	7440-22-4	0.260	1.86	2.26	18640	22594
*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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