

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE4964-1K	**Issued**	15. April 2021
MA#	MA003883554		
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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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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