

Material Content Data Sheet

RoHS

Sales Product Name	TLE4976-1K	**Issued**	02. June 2021
MA#	MA000477870		
Package	PG-SC59-3-4	**Weight***	13.92 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	0.705	5.06	5.06	50616	50616
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		1131	
	non noble metal	copper	7440-50-8	5.224	37.53	37.69	375297	376880
wire	noble metal	gold	7440-57-5	0.011	0.08	0.08	778	778
encapsulation	organic material	carbon black	1333-86-4	0.056	0.40		4008	
	plastics	brominated resin	-	0.070	0.50		5010	
	inorganic material	antimonytrioxide	1309-64-4	0.139	1.00		10019	
	plastics	epoxy resin	-	1.269	9.12		91176	
	inorganic material	silicondioxide	60676-86-0	5.439	39.08	50.10	390756	500969
leadfinish	non noble metal	tin	7440-31-5	0.258	1.85	1.85	18542	18542
plating	noble metal	silver	7440-22-4	0.363	2.61	2.61	26105	26105
glue	plastics	epoxy resin	-	0.064	0.46		4569	
	noble metal	silver	7440-22-4	0.300	2.15	2.61	21541	26110
*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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