

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLV4946K	**Issued**	11. August 2021
MA#	MA001683976		
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	0.563	4.03	4.03	40290	40290
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		75	
	non noble metal	titanium	7440-32-6	0.005	0.04		376	
	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	374878	376458
wire	noble metal	gold	7440-57-5	0.020	0.15	0.15	1463	1463
encapsulation	organic material	carbon black	1333-86-4	0.074	0.53		5295	
	plastics	epoxy resin	-	1.590	11.38		113850	
	inorganic material	silicondioxide	60676-86-0	5.732	41.03	52.94	410391	529536
leadfinish	non noble metal	tin	7440-31-5	0.255	1.83	1.83	18276	18276
plating	noble metal	silver	7440-22-4	0.158	1.13	1.13	11279	11279
glue	plastics	epoxy resin	-	0.055	0.40		3972	
	noble metal	silver	7440-22-4	0.262	1.87	2.27	18726	22698
*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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