

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLV4976-1K	**Issued**	19. March 2021
MA#	MA000851206		
Package	PG-SC59-3-5	**Weight***	14.01 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	5.03	5.03	50303	50303
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		75	
	non noble metal	titanium	7440-32-6	0.005	0.04		375	
	non noble metal	chromium	7440-47-3	0.016	0.11		1126	
	non noble metal	copper	7440-50-8	5.236	37.38	37.54	373782	375358
wire	noble metal	gold	7440-57-5	0.011	0.08	0.08	773	773
encapsulation	organic material	carbon black	1333-86-4	0.073	0.52		5181	
	plastics	epoxy resin	-	1.560	11.14		111402	
	inorganic material	silicondioxide	60676-86-0	5.625	40.16	51.82	401567	518150
leadfinish	non noble metal	tin	7440-31-5	0.255	1.82	1.82	18222	18222
plating	noble metal	silver	7440-22-4	0.158	1.12	1.12	11246	11246
glue	plastics	epoxy resin	-	0.064	0.45		4541	
	noble metal	silver	7440-22-4	0.300	2.14	2.59	21407	25948
*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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