



## Material Content Data Sheet



<b>Sales Product Name</b>		TLV4976-1K		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA000851206						
<b>Package</b>		PG-SC59-3-5		<b>Weight*</b>		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	
wire	non noble metal	copper	7440-50-8	5.236	37.38	37.54	373782	375358
	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
encapsulation	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:

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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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