



## Material Content Data Sheet



<b>Sales Product Name</b>		TLV4946K		<b>Issued</b>		24. January 2018			
<b>MA#</b>		MA001683976							
<b>Package</b>		PG-SC59-3-5		<b>Weight*</b>		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:

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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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