



Material Content Data Sheet



Sales Product Name	TLV4946-2K			Issued	24. January 2018			
MA#	MA001724638							
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	1462	1462
encapsulation	organic material	carbon black	1333-86-4	0.074	0.53		5295	
	plastics	epoxy resin	-	1.590	11.39		113851	
	inorganic material	silicondioxide	60676-86-0	5.732	41.02	52.94	410391	529537
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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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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