



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4964-1K		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001613756						
<b>Package</b>		PG-SC59-3-5		<b>Weight*</b>		13.84 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	0.350	2.52	2.52	25250	25250
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		380	
	non noble metal	chromium	7440-47-3	0.016	0.11		1140	
	non noble metal	copper	7440-50-8	5.236	37.83	37.99	378253	379849
wire	noble metal	gold	7440-57-5	0.027	0.19	0.19	1931	1931
encapsulation	organic material	carbon black	1333-86-4	0.077	0.55		5537	
	plastics	epoxy resin	-	1.648	11.91		119052	
	inorganic material	silicondioxide	60676-86-0	5.940	42.92	55.38	429138	553727
leadfinish	non noble metal	tin	7440-31-5	0.255	1.84	1.84	18440	18440
plating	noble metal	silver	7440-22-4	0.158	1.14	1.14	11380	11380
glue	plastics	epoxy resin	-	0.023	0.16		1649	
	noble metal	silver	7440-22-4	0.108	0.78	0.94	7774	9423
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com