



Material Content Data Sheet



Sales Product Name	TLE4961-5K			Issued	24. January 2018			
MA#	MA001613768							
Package	PG-SC59-3-5			Weight*	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	2.53	2.53	25255	25255
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	
wire	non noble metal	copper	7440-50-8	5.236	37.83	37.99	378323	379919
	noble metal	gold	7440-57-5	0.024	0.17	0.17	1725	1725
	encapsulation	organic material	carbon black	1333-86-4	0.077	0.55		5538
encapsulation	plastics	epoxy resin	-	1.648	11.91		119078	
	inorganic material	silicondioxide	60676-86-0	5.940	42.93	55.39	429235	553851
leadfinish	non noble metal	tin	7440-31-5	0.255	1.84	1.84	18444	18444
plating	noble metal	silver	7440-22-4	0.158	1.14	1.14	11382	11382
glue	plastics	epoxy resin	-	0.023	0.16		1649	
	noble metal	silver	7440-22-4	0.108	0.78	0.94	7775	9424
*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.
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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

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