



Material Content Data Sheet



Sales Product Name		TLE4961-1K		Issued		25. September 2017			
MA#		MA000987386							
Package		PG-SC59-3-5		Weight*		13.87 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	25208	25208	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76		
		non noble metal	titanium	7440-32-6	0.005	0.04		379	
		non noble metal	chromium	7440-47-3	0.016	0.11		1138	
wire	noble metal	non noble metal	copper	7440-50-8	5.236	37.76	37.92	377615	379208
		noble metal	gold	7440-57-5	0.024	0.18	0.18	1760	1760
		organic material	carbon black	1333-86-4	0.076	0.55		5508	
encapsulation	plastics	epoxy resin	-	1.642	11.84		118423		
		inorganic material	silicondioxide	60676-86-0	5.918	42.69	55.08	426872	550803
leadfinish	non noble metal	tin	7440-31-5	0.255	1.84	1.84	18409	18409	
plating	noble metal	silver	7440-22-4	0.158	1.14	1.14	11361	11361	
glue	plastics	epoxy resin	-	0.032	0.23		2319		
		noble metal	silver	7440-22-4	0.152	1.09	1.32	10932	13251
*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

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