



Material Content Data Sheet



Sales Product Name		TLE4961-5K		Issued		25. September 2017		
MA#		MA000935488						
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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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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