



Material Content Data Sheet



Sales Product Name		TLE4966V-1K		Issued		19. July 2018		
MA#		MA001205562						
Package		PG-TSOP6-6-5		Weight*		13.34 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	0.573	4.30	4.30	42954	42954
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		82	
	non noble metal	titanium	7440-32-6	0.005	0.04		408	
	non noble metal	chromium	7440-47-3	0.016	0.12		1223	
	non noble metal	copper	7440-50-8	5.414	40.60	40.77	405963	407676
wire	noble metal	gold	7440-57-5	0.021	0.16	0.16	1561	1561
encapsulation	organic material	carbon black	1333-86-4	0.053	0.40		3958	
	plastics	brominated resin	-	0.066	0.49		4947	
	inorganic material	antimonytrioxide	1309-64-4	0.132	0.99		9895	
	plastics	epoxy resin	-	1.201	9.00		90043	
	inorganic material	silicondioxide	60676-86-0	5.146	38.59	49.47	385897	494740
leadfinish	non noble metal	tin	7440-31-5	0.299	2.24	2.24	22415	22415
plating	noble metal	silver	7440-22-4	0.155	1.16	1.16	11590	11590
glue	plastics	epoxy resin	-	0.044	0.33		3336	
	noble metal	silver	7440-22-4	0.210	1.57	1.90	15728	19064
*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

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