



Material Content Data Sheet



Sales Product Name		TLE4476D		Issued		20. July 2018			
MA#		MA001074016							
Package		PG-TO252-5-11		Weight*		367.49 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	5.401	1.47	1.47	14697	14697	
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		557		
	inorganic material	phosphorus	7723-14-0	0.061	0.02		167		
	non noble metal	copper	7440-50-8	204.243	55.58	55.66	555785	556509	
wire	non noble metal	aluminium	7429-90-5	0.084	0.02	0.02	228	228	
encapsulation	organic material	carbon black	1333-86-4	0.292	0.08		795		
	plastics	epoxy resin	-	13.433	3.66		36555		
	inorganic material	silicondioxide	60676-86-0	132.290	36.00	39.74	359988	397338	
leadfinish	non noble metal	tin	7440-31-5	5.072	1.38	1.38	13803	13803	
plating	non noble metal	nickel	7440-02-0	0.076	0.02		207		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	208	
solder	noble metal	silver	7440-22-4	0.158	0.04		430		
	non noble metal	tin	7440-31-5	0.127	0.03		344		
	non noble metal	lead	7439-92-1	6.043	1.64	1.71	16443	17217	
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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