



Material Content Data Sheet



Sales Product Name		TLE5009A16D E1210		Issued		20. July 2018			
MA#		MA001597812							
Package		PG-TDSO-16-2		Weight*		68.04 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	1.394	2.05	2.05	20490	20490	
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		96		
		non noble metal	titanium	7440-32-6	0.033	0.05		478	
		non noble metal	chromium	7440-47-3	0.098	0.14		1434	
		non noble metal	copper	7440-50-8	32.380	47.60	47.80	475932	477940
wire	noble metal	gold	7440-57-5	0.241	0.35	0.35	3542	3542	
encapsulation	organic material	carbon black	1333-86-4	0.063	0.09		929		
		plastics	epoxy resin	-	3.412	5.01		50150	
		inorganic material	silicondioxide	60676-86-0	28.117	41.33	46.43	413275	464354
leadfinish	non noble metal	tin	7440-31-5	1.198	1.76	1.76	17603	17603	
plating	noble metal	silver	7440-22-4	0.840	1.24	1.24	12350	12350	
glue	plastics	epoxy resin	-	0.063	0.09		930		
		plastics	acrylic resin	-	0.063	0.09		930	
		inorganic material	silicondioxide	60676-86-0	0.127	0.19	0.37	1861	3721
*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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