



Material Content Data Sheet



Sales Product Name		TLE5309D E5201		Issued		24. January 2018			
MA#		MA002020110							
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	1.362	2.00	2.00	20021	20021	
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	475912	477920
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		930		
		plastics	epoxy resin	-	3.418	5.02		50237	
		inorganic material	silicondioxide	60676-86-0	28.167	41.40	46.51	413987	465154
leadfinish	non noble metal	tin	7440-31-5	1.198	1.76	1.76	17602	17602	
plating	noble metal	silver	7440-22-4	0.840	1.23	1.23	12349	12349	
glue	plastics	epoxy resin	-	0.058	0.09		853		
		plastics	acrylic resin	-	0.058	0.09		853	
		inorganic material	silicondioxide	60676-86-0	0.116	0.17	0.35	1706	3412
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com