



Material Content Data Sheet



Sales Product Name		TLE5014C16D		Issued		4. July 2019		
MA#		MA001868590						
Package		PG-TDSO-16-2		Weight*		68.13 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.061	1.56	1.56	15576	15576
chip_2	inorganic material	silicon	7440-21-3	1.061	1.56	1.56	15576	15576
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		95	
	non noble metal	titanium	7440-32-6	0.033	0.05		477	
	non noble metal	chromium	7440-47-3	0.098	0.14		1432	
	non noble metal	copper	7440-50-8	32.380	47.53	47.73	475278	477282
wire	noble metal	gold	7440-57-5	0.262	0.38	0.38	3840	3840
encapsulation	organic material	carbon black	1333-86-4	0.062	0.09		906	
	plastics	epoxy resin	-	3.335	4.89		48944	
	inorganic material	silicondioxide	60676-86-0	27.479	40.33	45.31	403334	453184
leadfinish	non noble metal	tin	7440-31-5	1.198	1.76	1.76	17578	17578
plating	noble metal	silver	7440-22-4	0.840	1.23	1.23	12333	12333
glue	plastics	epoxy resin	-	0.079	0.12		1158	
	plastics	acrylic resin	-	0.079	0.12		1158	
	inorganic material	silicondioxide	60676-86-0	0.158	0.23	0.47	2315	4631
*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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