



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE5014SP16D E0002	Issued	18. August 2021
MA#	MA003094582		
Package	PG-TDSO-16-2	Weight*	70.05 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	1.51	1.51	15149	15149
chip_2	inorganic material	silicon	7440-21-3	1.061	1.51	1.51	15149	15149
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		93	
	non noble metal	titanium	7440-32-6	0.033	0.05		464	
	non noble metal	chromium	7440-47-3	0.098	0.14		1393	
	non noble metal	copper	7440-50-8	32.380	46.22	46.42	462259	464209
wire	noble metal	gold	7440-57-5	0.131	0.19	0.19	1868	1868
encapsulation	organic material	carbon black	1333-86-4	0.061	0.09		868	
	plastics	epoxy resin	-	3.284	4.69		46877	
	inorganic material	silicondioxide	60676-86-0	27.060	38.63	43.41	386299	434044
leadfinish	non noble metal	tin	7440-31-5	1.198	1.71	1.71	17097	17097
plating	noble metal	silver	7440-22-4	3.361	4.80	4.80	47980	47980
glue	plastics	epoxy resin	-	0.079	0.11		1126	
	plastics	acrylic resin	-	0.079	0.11		1126	
	inorganic material	silicondioxide	60676-86-0	0.158	0.23	0.45	2252	4504
*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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