

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE5014SP16D E0002	**Issued**	19. August 2021
MA#	MA005425937		
Package	PG-TDSO-16-2	**Weight***	68.69 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	1.54	1.54	15448	15448
chip_2	inorganic material	silicon	7440-21-3	1.061	1.54	1.54	15448	15448
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		95	
	non noble metal	titanium	7440-32-6	0.033	0.05		473	
	non noble metal	chromium	7440-47-3	0.098	0.14		1420	
	non noble metal	copper	7440-50-8	32.380	47.16	47.36	471394	473382
wire	noble metal	gold	7440-57-5	0.131	0.19	0.19	1904	1904
encapsulation	organic material	carbon black	1333-86-4	0.061	0.09		895	
	plastics	epoxy resin	-	3.319	4.83		48311	
	inorganic material	silicondioxide	60676-86-0	27.347	39.81	44.73	398121	447327
leadfinish	non noble metal	tin	7440-31-5	1.198	1.74	1.74	17435	17435
plating	noble metal	silver	7440-22-4	1.680	2.45	2.45	24464	24464
glue	plastics	epoxy resin	-	0.079	0.11		1148	
	plastics	acrylic resin	-	0.079	0.11		1148	
	inorganic material	silicondioxide	60676-86-0	0.158	0.23	0.45	2296	4592
*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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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 Neubiberg
Internet	www.infineon.com