

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE5014SP16 E0001	**Issued**	15. May 2021
MA#	MA004253730		
Package	PG-TDSO-16-1	**Weight***	67.93 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	1.061	1.56	1.56	15622	15622
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		96	
	non noble metal	titanium	7440-32-6	0.033	0.05		479	
	non noble metal	chromium	7440-47-3	0.098	0.14		1436	
	non noble metal	copper	7440-50-8	32.380	47.67	47.87	476703	478714
wire	noble metal	gold	7440-57-5	0.131	0.19	0.19	1923	1923
encapsulation	organic material	carbon black	1333-86-4	0.064	0.09		943	
	plastics	epoxy resin	-	3.458	5.09		50913	
	inorganic material	silicondioxide	60676-86-0	28.499	41.96	47.14	419561	471417
leadfinish	non noble metal	tin	7440-31-5	1.198	1.76	1.76	17631	17631
plating	noble metal	silver	7440-22-4	0.840	1.24	1.24	12370	12370
glue	plastics	epoxy resin	-	0.039	0.06		581	
	plastics	acrylic resin	-	0.039	0.06		581	
	inorganic material	silicondioxide	60676-86-0	0.079	0.12	0.24	1161	2323
*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.

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